

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 16:18:59

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound.dat

** Trinity Consultants

CO STARTING

CO TITLEONE NCRA Cumulative DPM Impacts

CO TITLETWO Maximum train overlap at North/South Bound Direction

CO MODELOPT DFAULT CONC URBAN

CO AVERTIME ANNUAL

CO POLLUTID OTHER

CO TERRHGTS FLAT

CO FLAGPOLE 1.2

CO RUNORNOT RUN

CO FINISHED

SO STARTING

SO ELEVUNIT METERS

SO LOCATION NCRA_S1 AREA -4.5 135.0 0

** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South

SO LOCATION NCRA_S2 AREA -4.5 45.0 0

** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South

SO LOCATION NCRA_S3 AREA -4.5 -45.0 0

** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South

SO LOCATION NCRA_S4 AREA -4.5 -135.0 0

** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South

SO LOCATION NCRA_S5 AREA -4.5 -225.0 0

** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South

SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 0 2.3

SO SRCGROUP NCRA_S1 NCRA_S1

SO SRCGROUP NCRA_S2 NCRA_S2

SO SRCGROUP NCRA_S3 NCRA_S3

SO SRCGROUP NCRA_S4 NCRA_S4

SO SRCGROUP NCRA_S5 NCRA_S5

SO SRCGROUP ALL

SO FINISHED

RE STARTING

RE DISCCART	-100.0	-250.0	1.2
RE DISCCART	-90.0	-250.0	1.2
RE DISCCART	-80.0	-250.0	1.2
RE DISCCART	-70.0	-250.0	1.2
RE DISCCART	-60.0	-250.0	1.2
RE DISCCART	-50.0	-250.0	1.2
RE DISCCART	-40.0	-250.0	1.2
RE DISCCART	-30.0	-250.0	1.2
RE DISCCART	-25.0	-250.0	1.2
RE DISCCART	-20.0	-250.0	1.2
RE DISCCART	-17.0	-250.0	1.2
RE DISCCART	-15.0	-250.0	1.2
RE DISCCART	-13.0	-250.0	1.2
RE DISCCART	-11.0	-250.0	1.2
RE DISCCART	-9.0	-250.0	1.2
RE DISCCART	9.0	-250.0	1.2
RE DISCCART	11.0	-250.0	1.2
RE DISCCART	13.0	-250.0	1.2
RE DISCCART	15.0	-250.0	1.2
RE DISCCART	17.0	-250.0	1.2
RE DISCCART	20.0	-250.0	1.2
RE DISCCART	25.0	-250.0	1.2
RE DISCCART	30.0	-250.0	1.2
RE DISCCART	40.0	-250.0	1.2
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RE DISCCART	70.0	-250.0	1.2
RE DISCCART	80.0	-250.0	1.2
RE DISCCART	90.0	-250.0	1.2
RE DISCCART	100.0	-250.0	1.2
RE DISCCART	-100.0	-240.0	1.2
RE DISCCART	-90.0	-240.0	1.2
RE DISCCART	-80.0	-240.0	1.2
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RE DISCCART	-50.0	-240.0	1.2
RE DISCCART	-40.0	-240.0	1.2
RE DISCCART	-30.0	-240.0	1.2
RE DISCCART	-25.0	-240.0	1.2
RE DISCCART	-20.0	-240.0	1.2
RE DISCCART	-17.0	-240.0	1.2
RE DISCCART	-15.0	-240.0	1.2
RE DISCCART	-13.0	-240.0	1.2

RE DISCCART	-11.0	-240.0	1.2
RE DISCCART	-9.0	-240.0	1.2
RE DISCCART	9.0	-240.0	1.2
RE DISCCART	11.0	-240.0	1.2
RE DISCCART	13.0	-240.0	1.2
RE DISCCART	15.0	-240.0	1.2
RE DISCCART	17.0	-240.0	1.2
RE DISCCART	20.0	-240.0	1.2
RE DISCCART	25.0	-240.0	1.2
RE DISCCART	30.0	-240.0	1.2
RE DISCCART	40.0	-240.0	1.2
RE DISCCART	50.0	-240.0	1.2
RE DISCCART	60.0	-240.0	1.2
RE DISCCART	70.0	-240.0	1.2
RE DISCCART	80.0	-240.0	1.2
RE DISCCART	90.0	-240.0	1.2
RE DISCCART	100.0	-240.0	1.2
RE DISCCART	-100.0	-230.0	1.2
RE DISCCART	-90.0	-230.0	1.2
RE DISCCART	-80.0	-230.0	1.2
RE DISCCART	-70.0	-230.0	1.2
RE DISCCART	-60.0	-230.0	1.2
RE DISCCART	-50.0	-230.0	1.2
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RE DISCCART	-30.0	-230.0	1.2
RE DISCCART	-25.0	-230.0	1.2
RE DISCCART	-20.0	-230.0	1.2
RE DISCCART	-17.0	-230.0	1.2
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RE DISCCART	9.0	-230.0	1.2
RE DISCCART	11.0	-230.0	1.2
RE DISCCART	13.0	-230.0	1.2
RE DISCCART	15.0	-230.0	1.2
RE DISCCART	17.0	-230.0	1.2
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RE DISCCART	30.0	-230.0	1.2
RE DISCCART	40.0	-230.0	1.2
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RE DISCCART	70.0	-230.0	1.2

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RE DISCCART	-30.0	-220.0	1.2
RE DISCCART	-25.0	-220.0	1.2
RE DISCCART	-20.0	-220.0	1.2
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RE DISCCART	13.0	-220.0	1.2
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RE DISCCART	30.0	-220.0	1.2
RE DISCCART	40.0	-220.0	1.2
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RE DISCCART	90.0	-220.0	1.2
RE DISCCART	100.0	-220.0	1.2
RE DISCCART	-100.0	-210.0	1.2
RE DISCCART	-90.0	-210.0	1.2
RE DISCCART	-80.0	-210.0	1.2
RE DISCCART	-70.0	-210.0	1.2
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RE DISCCART	-30.0	-210.0	1.2
RE DISCCART	-25.0	-210.0	1.2
RE DISCCART	-20.0	-210.0	1.2
RE DISCCART	-17.0	-210.0	1.2

RE DISCCART	-15.0	-210.0	1.2
RE DISCCART	-13.0	-210.0	1.2
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RE DISCCART	-9.0	-210.0	1.2
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RE DISCCART	11.0	-210.0	1.2
RE DISCCART	13.0	-210.0	1.2
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RE DISCCART	-20.0	-200.0	1.2
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RE DISCCART	-13.0	-200.0	1.2
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RE DISCCART	-40.0	-190.0	1.2
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RE DISCCART	-80.0	-180.0	1.2
RE DISCCART	-70.0	-180.0	1.2
RE DISCCART	-60.0	-180.0	1.2
RE DISCCART	-50.0	-180.0	1.2
RE DISCCART	-40.0	-180.0	1.2
RE DISCCART	-30.0	-180.0	1.2
RE DISCCART	-25.0	-180.0	1.2

RE DISCCART	-20.0	-180.0	1.2
RE DISCCART	-17.0	-180.0	1.2
RE DISCCART	-15.0	-180.0	1.2
RE DISCCART	-13.0	-180.0	1.2
RE DISCCART	-11.0	-180.0	1.2
RE DISCCART	-9.0	-180.0	1.2
RE DISCCART	9.0	-180.0	1.2
RE DISCCART	11.0	-180.0	1.2
RE DISCCART	13.0	-180.0	1.2
RE DISCCART	15.0	-180.0	1.2
RE DISCCART	17.0	-180.0	1.2
RE DISCCART	20.0	-180.0	1.2
RE DISCCART	25.0	-180.0	1.2
RE DISCCART	30.0	-180.0	1.2
RE DISCCART	40.0	-180.0	1.2
RE DISCCART	50.0	-180.0	1.2
RE DISCCART	60.0	-180.0	1.2
RE DISCCART	70.0	-180.0	1.2
RE DISCCART	80.0	-180.0	1.2
RE DISCCART	90.0	-180.0	1.2
RE DISCCART	100.0	-180.0	1.2
RE DISCCART	-100.0	-170.0	1.2
RE DISCCART	-90.0	-170.0	1.2
RE DISCCART	-80.0	-170.0	1.2
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RE DISCCART	-20.0	-170.0	1.2
RE DISCCART	-17.0	-170.0	1.2
RE DISCCART	-15.0	-170.0	1.2
RE DISCCART	-13.0	-170.0	1.2
RE DISCCART	-11.0	-170.0	1.2
RE DISCCART	-9.0	-170.0	1.2
RE DISCCART	9.0	-170.0	1.2
RE DISCCART	11.0	-170.0	1.2
RE DISCCART	13.0	-170.0	1.2
RE DISCCART	15.0	-170.0	1.2
RE DISCCART	17.0	-170.0	1.2
RE DISCCART	20.0	-170.0	1.2
RE DISCCART	25.0	-170.0	1.2
RE DISCCART	30.0	-170.0	1.2

RE DISCCART	40.0	-170.0	1.2
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RE DISCCART	-100.0	-160.0	1.2
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RE DISCCART	9.0	-160.0	1.2
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RE DISCCART	17.0	-160.0	1.2
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RE DISCCART	30.0	-160.0	1.2
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RE DISCCART	60.0	-160.0	1.2
RE DISCCART	70.0	-160.0	1.2
RE DISCCART	80.0	-160.0	1.2
RE DISCCART	90.0	-160.0	1.2
RE DISCCART	100.0	-160.0	1.2
RE DISCCART	-100.0	-150.0	1.2
RE DISCCART	-90.0	-150.0	1.2
RE DISCCART	-80.0	-150.0	1.2
RE DISCCART	-70.0	-150.0	1.2
RE DISCCART	-60.0	-150.0	1.2
RE DISCCART	-50.0	-150.0	1.2
RE DISCCART	-40.0	-150.0	1.2

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RE DISCCART	-25.0	-150.0	1.2
RE DISCCART	-20.0	-150.0	1.2
RE DISCCART	-17.0	-150.0	1.2
RE DISCCART	-15.0	-150.0	1.2
RE DISCCART	-13.0	-150.0	1.2
RE DISCCART	-11.0	-150.0	1.2
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RE DISCCART	9.0	-150.0	1.2
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RE DISCCART	-25.0	-140.0	1.2
RE DISCCART	-20.0	-140.0	1.2
RE DISCCART	-17.0	-140.0	1.2
RE DISCCART	-15.0	-140.0	1.2
RE DISCCART	-13.0	-140.0	1.2
RE DISCCART	-11.0	-140.0	1.2
RE DISCCART	-9.0	-140.0	1.2
RE DISCCART	9.0	-140.0	1.2
RE DISCCART	11.0	-140.0	1.2
RE DISCCART	13.0	-140.0	1.2
RE DISCCART	15.0	-140.0	1.2
RE DISCCART	17.0	-140.0	1.2
RE DISCCART	20.0	-140.0	1.2

RE DISCCART	25.0	-140.0	1.2
RE DISCCART	30.0	-140.0	1.2
RE DISCCART	40.0	-140.0	1.2
RE DISCCART	50.0	-140.0	1.2
RE DISCCART	60.0	-140.0	1.2
RE DISCCART	70.0	-140.0	1.2
RE DISCCART	80.0	-140.0	1.2
RE DISCCART	90.0	-140.0	1.2
RE DISCCART	100.0	-140.0	1.2
RE DISCCART	-100.0	-130.0	1.2
RE DISCCART	-90.0	-130.0	1.2
RE DISCCART	-80.0	-130.0	1.2
RE DISCCART	-70.0	-130.0	1.2
RE DISCCART	-60.0	-130.0	1.2
RE DISCCART	-50.0	-130.0	1.2
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RE DISCCART	-25.0	-130.0	1.2
RE DISCCART	-20.0	-130.0	1.2
RE DISCCART	-17.0	-130.0	1.2
RE DISCCART	-15.0	-130.0	1.2
RE DISCCART	-13.0	-130.0	1.2
RE DISCCART	-11.0	-130.0	1.2
RE DISCCART	-9.0	-130.0	1.2
RE DISCCART	9.0	-130.0	1.2
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RE DISCCART	13.0	-130.0	1.2
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RE DISCCART	25.0	-130.0	1.2
RE DISCCART	30.0	-130.0	1.2
RE DISCCART	40.0	-130.0	1.2
RE DISCCART	50.0	-130.0	1.2
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 RE DISCCART 30.0 20.0 1.2
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 RE DISCCART 50.0 20.0 1.2

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RE DISCCART	-30.0	170.0	1.2
RE DISCCART	-25.0	170.0	1.2
RE DISCCART	-20.0	170.0	1.2
RE DISCCART	-17.0	170.0	1.2
RE DISCCART	-15.0	170.0	1.2
RE DISCCART	-13.0	170.0	1.2
RE DISCCART	-11.0	170.0	1.2
RE DISCCART	-9.0	170.0	1.2

RE DISCCART	9.0	170.0	1.2
RE DISCCART	11.0	170.0	1.2
RE DISCCART	13.0	170.0	1.2
RE DISCCART	15.0	170.0	1.2
RE DISCCART	17.0	170.0	1.2
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RE DISCCART	30.0	170.0	1.2
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RE DISCCART	-80.0	180.0	1.2
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RE DISCCART	-50.0	180.0	1.2
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RE DISCCART	-30.0	180.0	1.2
RE DISCCART	-25.0	180.0	1.2
RE DISCCART	-20.0	180.0	1.2
RE DISCCART	-17.0	180.0	1.2
RE DISCCART	-15.0	180.0	1.2
RE DISCCART	-13.0	180.0	1.2
RE DISCCART	-11.0	180.0	1.2
RE DISCCART	-9.0	180.0	1.2
RE DISCCART	9.0	180.0	1.2
RE DISCCART	11.0	180.0	1.2
RE DISCCART	13.0	180.0	1.2
RE DISCCART	15.0	180.0	1.2
RE DISCCART	17.0	180.0	1.2
RE DISCCART	20.0	180.0	1.2
RE DISCCART	25.0	180.0	1.2
RE DISCCART	30.0	180.0	1.2
RE DISCCART	40.0	180.0	1.2
RE DISCCART	50.0	180.0	1.2
RE DISCCART	60.0	180.0	1.2
RE DISCCART	70.0	180.0	1.2
RE DISCCART	80.0	180.0	1.2
RE DISCCART	90.0	180.0	1.2

RE DISCCART	100.0	180.0	1.2
RE DISCCART	-100.0	190.0	1.2
RE DISCCART	-90.0	190.0	1.2
RE DISCCART	-80.0	190.0	1.2
RE DISCCART	-70.0	190.0	1.2
RE DISCCART	-60.0	190.0	1.2
RE DISCCART	-50.0	190.0	1.2
RE DISCCART	-40.0	190.0	1.2
RE DISCCART	-30.0	190.0	1.2
RE DISCCART	-25.0	190.0	1.2
RE DISCCART	-20.0	190.0	1.2
RE DISCCART	-17.0	190.0	1.2
RE DISCCART	-15.0	190.0	1.2
RE DISCCART	-13.0	190.0	1.2
RE DISCCART	-11.0	190.0	1.2
RE DISCCART	-9.0	190.0	1.2
RE DISCCART	9.0	190.0	1.2
RE DISCCART	11.0	190.0	1.2
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RE DISCCART	-90.0	200.0	1.2
RE DISCCART	-80.0	200.0	1.2
RE DISCCART	-70.0	200.0	1.2
RE DISCCART	-60.0	200.0	1.2
RE DISCCART	-50.0	200.0	1.2
RE DISCCART	-40.0	200.0	1.2
RE DISCCART	-30.0	200.0	1.2
RE DISCCART	-25.0	200.0	1.2
RE DISCCART	-20.0	200.0	1.2
RE DISCCART	-17.0	200.0	1.2
RE DISCCART	-15.0	200.0	1.2
RE DISCCART	-13.0	200.0	1.2

RE DISCCART	-11.0	200.0	1.2
RE DISCCART	-9.0	200.0	1.2
RE DISCCART	9.0	200.0	1.2
RE DISCCART	11.0	200.0	1.2
RE DISCCART	13.0	200.0	1.2
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RE DISCCART	-60.0	210.0	1.2
RE DISCCART	-50.0	210.0	1.2
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RE DISCCART	-13.0	210.0	1.2
RE DISCCART	-11.0	210.0	1.2
RE DISCCART	-9.0	210.0	1.2
RE DISCCART	9.0	210.0	1.2
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RE DISCCART	40.0	210.0	1.2
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RE DISCCART	70.0	210.0	1.2

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RE DISCCART	-60.0	220.0	1.2
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RE DISCCART	-30.0	220.0	1.2
RE DISCCART	-25.0	220.0	1.2
RE DISCCART	-20.0	220.0	1.2
RE DISCCART	-17.0	220.0	1.2
RE DISCCART	-15.0	220.0	1.2
RE DISCCART	-13.0	220.0	1.2
RE DISCCART	-11.0	220.0	1.2
RE DISCCART	-9.0	220.0	1.2
RE DISCCART	9.0	220.0	1.2
RE DISCCART	11.0	220.0	1.2
RE DISCCART	13.0	220.0	1.2
RE DISCCART	15.0	220.0	1.2
RE DISCCART	17.0	220.0	1.2
RE DISCCART	20.0	220.0	1.2
RE DISCCART	25.0	220.0	1.2
RE DISCCART	30.0	220.0	1.2
RE DISCCART	40.0	220.0	1.2
RE DISCCART	50.0	220.0	1.2
RE DISCCART	60.0	220.0	1.2
RE DISCCART	70.0	220.0	1.2
RE DISCCART	80.0	220.0	1.2
RE DISCCART	90.0	220.0	1.2
RE DISCCART	100.0	220.0	1.2
RE DISCCART	-100.0	230.0	1.2
RE DISCCART	-90.0	230.0	1.2
RE DISCCART	-80.0	230.0	1.2
RE DISCCART	-70.0	230.0	1.2
RE DISCCART	-60.0	230.0	1.2
RE DISCCART	-50.0	230.0	1.2
RE DISCCART	-40.0	230.0	1.2
RE DISCCART	-30.0	230.0	1.2
RE DISCCART	-25.0	230.0	1.2
RE DISCCART	-20.0	230.0	1.2
RE DISCCART	-17.0	230.0	1.2

RE DISCCART	-15.0	230.0	1.2
RE DISCCART	-13.0	230.0	1.2
RE DISCCART	-11.0	230.0	1.2
RE DISCCART	-9.0	230.0	1.2
RE DISCCART	9.0	230.0	1.2
RE DISCCART	11.0	230.0	1.2
RE DISCCART	13.0	230.0	1.2
RE DISCCART	15.0	230.0	1.2
RE DISCCART	17.0	230.0	1.2
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RE DISCCART	25.0	230.0	1.2
RE DISCCART	30.0	230.0	1.2
RE DISCCART	40.0	230.0	1.2
RE DISCCART	50.0	230.0	1.2
RE DISCCART	60.0	230.0	1.2
RE DISCCART	70.0	230.0	1.2
RE DISCCART	80.0	230.0	1.2
RE DISCCART	90.0	230.0	1.2
RE DISCCART	100.0	230.0	1.2
RE DISCCART	-100.0	240.0	1.2
RE DISCCART	-90.0	240.0	1.2
RE DISCCART	-80.0	240.0	1.2
RE DISCCART	-70.0	240.0	1.2
RE DISCCART	-60.0	240.0	1.2
RE DISCCART	-50.0	240.0	1.2
RE DISCCART	-40.0	240.0	1.2
RE DISCCART	-30.0	240.0	1.2
RE DISCCART	-25.0	240.0	1.2
RE DISCCART	-20.0	240.0	1.2
RE DISCCART	-17.0	240.0	1.2
RE DISCCART	-15.0	240.0	1.2
RE DISCCART	-13.0	240.0	1.2
RE DISCCART	-11.0	240.0	1.2
RE DISCCART	-9.0	240.0	1.2
RE DISCCART	9.0	240.0	1.2
RE DISCCART	11.0	240.0	1.2
RE DISCCART	13.0	240.0	1.2
RE DISCCART	15.0	240.0	1.2
RE DISCCART	17.0	240.0	1.2
RE DISCCART	20.0	240.0	1.2
RE DISCCART	25.0	240.0	1.2
RE DISCCART	30.0	240.0	1.2
RE DISCCART	40.0	240.0	1.2
RE DISCCART	50.0	240.0	1.2

RE DISCCART 60.0 240.0 1.2
RE DISCCART 70.0 240.0 1.2
RE DISCCART 80.0 240.0 1.2
RE DISCCART 90.0 240.0 1.2
RE DISCCART 100.0 240.0 1.2
RE DISCCART -100.0 250.0 1.2
RE DISCCART -90.0 250.0 1.2
RE DISCCART -80.0 250.0 1.2
RE DISCCART -70.0 250.0 1.2
RE DISCCART -60.0 250.0 1.2
RE DISCCART -50.0 250.0 1.2
RE DISCCART -40.0 250.0 1.2
RE DISCCART -30.0 250.0 1.2
RE DISCCART -25.0 250.0 1.2
RE DISCCART -20.0 250.0 1.2
RE DISCCART -17.0 250.0 1.2
RE DISCCART -15.0 250.0 1.2
RE DISCCART -13.0 250.0 1.2
RE DISCCART -11.0 250.0 1.2
RE DISCCART -9.0 250.0 1.2
RE DISCCART 9.0 250.0 1.2
RE DISCCART 11.0 250.0 1.2
RE DISCCART 13.0 250.0 1.2
RE DISCCART 15.0 250.0 1.2
RE DISCCART 17.0 250.0 1.2
RE DISCCART 20.0 250.0 1.2
RE DISCCART 25.0 250.0 1.2
RE DISCCART 30.0 250.0 1.2
RE DISCCART 40.0 250.0 1.2
RE DISCCART 50.0 250.0 1.2
RE DISCCART 60.0 250.0 1.2
RE DISCCART 70.0 250.0 1.2
RE DISCCART 80.0 250.0 1.2
RE DISCCART 90.0 250.0 1.2
RE DISCCART 100.0 250.0 1.2
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP94300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 1994

ME UAIRDATA 4901 1994

ME STARTEND 1994 01 01 1 1994 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

- 1. Final Plume Rise.
- 2. Stack-tip Downwash.
- 3. Buoyancy-induced Dispersion.
- 4. Use Calms Processing Routine.
- 5. Not Use Missing Data Processing Routine.
- 6. Default Wind Profile Exponents.
- 7. Default Vertical Potential Temperature Gradients.
- 8. "Upper Bound" Values for Supersquat Buildings.
- 9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\01NCRA-1.DAT

**Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\01NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

PAGE 2

CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

Table with 11 columns: EMISSION RATE, NUMBER PART., EMISSION RATE (GRAMS/SEC), COORD (SW CORNER) X Y, BASE ELEV., RELEASE HEIGHT, X-DIM OF AREA, Y-DIM OF AREA, ORIENT. OF AREA, INIT. SZ. Rows include NCRA_S1 through NCRA_S5 with various coordinates and emission rates.

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

NCRA_S1 NCRA_S1 ,

NCRA_S2 NCRA_S2 ,

NCRA_S3 NCRA_S3 ,

NCRA_S4 NCRA_S4 ,

NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -250.0, 0.0, 1.2); (-90.0, -250.0, 0.0, 1.2);
(-80.0, -250.0, 0.0, 1.2); (-70.0, -250.0, 0.0, 1.2);
(-60.0, -250.0, 0.0, 1.2); (-50.0, -250.0, 0.0, 1.2);

01NCRA_NAPA94-300_DPM_TRAV_ANN N-S Bound

(-40.0, -250.0, 0.0, 1.2);	(-30.0, -250.0, 0.0, 1.2);
(-25.0, -250.0, 0.0, 1.2);	(-20.0, -250.0, 0.0, 1.2);
(-17.0, -250.0, 0.0, 1.2);	(-15.0, -250.0, 0.0, 1.2);
(-13.0, -250.0, 0.0, 1.2);	(-11.0, -250.0, 0.0, 1.2);
(-9.0, -250.0, 0.0, 1.2);	(9.0, -250.0, 0.0, 1.2);
(11.0, -250.0, 0.0, 1.2);	(13.0, -250.0, 0.0, 1.2);
(15.0, -250.0, 0.0, 1.2);	(17.0, -250.0, 0.0, 1.2);
(20.0, -250.0, 0.0, 1.2);	(25.0, -250.0, 0.0, 1.2);
(30.0, -250.0, 0.0, 1.2);	(40.0, -250.0, 0.0, 1.2);
(50.0, -250.0, 0.0, 1.2);	(60.0, -250.0, 0.0, 1.2);
(70.0, -250.0, 0.0, 1.2);	(80.0, -250.0, 0.0, 1.2);
(90.0, -250.0, 0.0, 1.2);	(100.0, -250.0, 0.0, 1.2);
(-100.0, -240.0, 0.0, 1.2);	(-90.0, -240.0, 0.0, 1.2);
(-80.0, -240.0, 0.0, 1.2);	(-70.0, -240.0, 0.0, 1.2);
(-60.0, -240.0, 0.0, 1.2);	(-50.0, -240.0, 0.0, 1.2);
(-40.0, -240.0, 0.0, 1.2);	(-30.0, -240.0, 0.0, 1.2);
(-25.0, -240.0, 0.0, 1.2);	(-20.0, -240.0, 0.0, 1.2);
(-17.0, -240.0, 0.0, 1.2);	(-15.0, -240.0, 0.0, 1.2);
(-13.0, -240.0, 0.0, 1.2);	(-11.0, -240.0, 0.0, 1.2);
(-9.0, -240.0, 0.0, 1.2);	(9.0, -240.0, 0.0, 1.2);
(11.0, -240.0, 0.0, 1.2);	(13.0, -240.0, 0.0, 1.2);
(15.0, -240.0, 0.0, 1.2);	(17.0, -240.0, 0.0, 1.2);
(20.0, -240.0, 0.0, 1.2);	(25.0, -240.0, 0.0, 1.2);
(30.0, -240.0, 0.0, 1.2);	(40.0, -240.0, 0.0, 1.2);
(50.0, -240.0, 0.0, 1.2);	(60.0, -240.0, 0.0, 1.2);
(70.0, -240.0, 0.0, 1.2);	(80.0, -240.0, 0.0, 1.2);
(90.0, -240.0, 0.0, 1.2);	(100.0, -240.0, 0.0, 1.2);
(-100.0, -230.0, 0.0, 1.2);	(-90.0, -230.0, 0.0, 1.2);
(-80.0, -230.0, 0.0, 1.2);	(-70.0, -230.0, 0.0, 1.2);
(-60.0, -230.0, 0.0, 1.2);	(-50.0, -230.0, 0.0, 1.2);
(-40.0, -230.0, 0.0, 1.2);	(-30.0, -230.0, 0.0, 1.2);
(-25.0, -230.0, 0.0, 1.2);	(-20.0, -230.0, 0.0, 1.2);
(-17.0, -230.0, 0.0, 1.2);	(-15.0, -230.0, 0.0, 1.2);
(-13.0, -230.0, 0.0, 1.2);	(-11.0, -230.0, 0.0, 1.2);
(-9.0, -230.0, 0.0, 1.2);	(9.0, -230.0, 0.0, 1.2);
(11.0, -230.0, 0.0, 1.2);	(13.0, -230.0, 0.0, 1.2);
(15.0, -230.0, 0.0, 1.2);	(17.0, -230.0, 0.0, 1.2);
(20.0, -230.0, 0.0, 1.2);	(25.0, -230.0, 0.0, 1.2);
(30.0, -230.0, 0.0, 1.2);	(40.0, -230.0, 0.0, 1.2);
(50.0, -230.0, 0.0, 1.2);	(60.0, -230.0, 0.0, 1.2);
(70.0, -230.0, 0.0, 1.2);	(80.0, -230.0, 0.0, 1.2);
(90.0, -230.0, 0.0, 1.2);	(100.0, -230.0, 0.0, 1.2);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -220.0, 0.0, 1.2);	(-90.0, -220.0, 0.0, 1.2);
(-80.0, -220.0, 0.0, 1.2);	(-70.0, -220.0, 0.0, 1.2);
(-60.0, -220.0, 0.0, 1.2);	(-50.0, -220.0, 0.0, 1.2);
(-40.0, -220.0, 0.0, 1.2);	(-30.0, -220.0, 0.0, 1.2);
(-25.0, -220.0, 0.0, 1.2);	(-20.0, -220.0, 0.0, 1.2);
(-17.0, -220.0, 0.0, 1.2);	(-15.0, -220.0, 0.0, 1.2);
(-13.0, -220.0, 0.0, 1.2);	(-11.0, -220.0, 0.0, 1.2);
(-9.0, -220.0, 0.0, 1.2);	(9.0, -220.0, 0.0, 1.2);
(11.0, -220.0, 0.0, 1.2);	(13.0, -220.0, 0.0, 1.2);
(15.0, -220.0, 0.0, 1.2);	(17.0, -220.0, 0.0, 1.2);
(20.0, -220.0, 0.0, 1.2);	(25.0, -220.0, 0.0, 1.2);
(30.0, -220.0, 0.0, 1.2);	(40.0, -220.0, 0.0, 1.2);
(50.0, -220.0, 0.0, 1.2);	(60.0, -220.0, 0.0, 1.2);
(70.0, -220.0, 0.0, 1.2);	(80.0, -220.0, 0.0, 1.2);
(90.0, -220.0, 0.0, 1.2);	(100.0, -220.0, 0.0, 1.2);
(-100.0, -210.0, 0.0, 1.2);	(-90.0, -210.0, 0.0, 1.2);
(-80.0, -210.0, 0.0, 1.2);	(-70.0, -210.0, 0.0, 1.2);
(-60.0, -210.0, 0.0, 1.2);	(-50.0, -210.0, 0.0, 1.2);
(-40.0, -210.0, 0.0, 1.2);	(-30.0, -210.0, 0.0, 1.2);
(-25.0, -210.0, 0.0, 1.2);	(-20.0, -210.0, 0.0, 1.2);
(-17.0, -210.0, 0.0, 1.2);	(-15.0, -210.0, 0.0, 1.2);
(-13.0, -210.0, 0.0, 1.2);	(-11.0, -210.0, 0.0, 1.2);
(-9.0, -210.0, 0.0, 1.2);	(9.0, -210.0, 0.0, 1.2);
(11.0, -210.0, 0.0, 1.2);	(13.0, -210.0, 0.0, 1.2);
(15.0, -210.0, 0.0, 1.2);	(17.0, -210.0, 0.0, 1.2);
(20.0, -210.0, 0.0, 1.2);	(25.0, -210.0, 0.0, 1.2);
(30.0, -210.0, 0.0, 1.2);	(40.0, -210.0, 0.0, 1.2);
(50.0, -210.0, 0.0, 1.2);	(60.0, -210.0, 0.0, 1.2);
(70.0, -210.0, 0.0, 1.2);	(80.0, -210.0, 0.0, 1.2);
(90.0, -210.0, 0.0, 1.2);	(100.0, -210.0, 0.0, 1.2);
(-100.0, -200.0, 0.0, 1.2);	(-90.0, -200.0, 0.0, 1.2);
(-80.0, -200.0, 0.0, 1.2);	(-70.0, -200.0, 0.0, 1.2);
(-60.0, -200.0, 0.0, 1.2);	(-50.0, -200.0, 0.0, 1.2);
(-40.0, -200.0, 0.0, 1.2);	(-30.0, -200.0, 0.0, 1.2);
(-25.0, -200.0, 0.0, 1.2);	(-20.0, -200.0, 0.0, 1.2);
(-17.0, -200.0, 0.0, 1.2);	(-15.0, -200.0, 0.0, 1.2);
(-13.0, -200.0, 0.0, 1.2);	(-11.0, -200.0, 0.0, 1.2);
(-9.0, -200.0, 0.0, 1.2);	(9.0, -200.0, 0.0, 1.2);
(11.0, -200.0, 0.0, 1.2);	(13.0, -200.0, 0.0, 1.2);

01NCRA_NAPA94-300_DPM_TRAV_ANN N-S Bound

(15.0, -200.0, 0.0, 1.2);	(17.0, -200.0, 0.0, 1.2);
(20.0, -200.0, 0.0, 1.2);	(25.0, -200.0, 0.0, 1.2);
(30.0, -200.0, 0.0, 1.2);	(40.0, -200.0, 0.0, 1.2);
(50.0, -200.0, 0.0, 1.2);	(60.0, -200.0, 0.0, 1.2);
(70.0, -200.0, 0.0, 1.2);	(80.0, -200.0, 0.0, 1.2);
(90.0, -200.0, 0.0, 1.2);	(100.0, -200.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0, -190.0, 0.0, 1.2);	(-90.0, -190.0, 0.0, 1.2);
(-80.0, -190.0, 0.0, 1.2);	(-70.0, -190.0, 0.0, 1.2);
(-60.0, -190.0, 0.0, 1.2);	(-50.0, -190.0, 0.0, 1.2);
(-40.0, -190.0, 0.0, 1.2);	(-30.0, -190.0, 0.0, 1.2);
(-25.0, -190.0, 0.0, 1.2);	(-20.0, -190.0, 0.0, 1.2);
(-17.0, -190.0, 0.0, 1.2);	(-15.0, -190.0, 0.0, 1.2);
(-13.0, -190.0, 0.0, 1.2);	(-11.0, -190.0, 0.0, 1.2);
(-9.0, -190.0, 0.0, 1.2);	(9.0, -190.0, 0.0, 1.2);
(11.0, -190.0, 0.0, 1.2);	(13.0, -190.0, 0.0, 1.2);
(15.0, -190.0, 0.0, 1.2);	(17.0, -190.0, 0.0, 1.2);
(20.0, -190.0, 0.0, 1.2);	(25.0, -190.0, 0.0, 1.2);
(30.0, -190.0, 0.0, 1.2);	(40.0, -190.0, 0.0, 1.2);
(50.0, -190.0, 0.0, 1.2);	(60.0, -190.0, 0.0, 1.2);
(70.0, -190.0, 0.0, 1.2);	(80.0, -190.0, 0.0, 1.2);
(90.0, -190.0, 0.0, 1.2);	(100.0, -190.0, 0.0, 1.2);
(-100.0, -180.0, 0.0, 1.2);	(-90.0, -180.0, 0.0, 1.2);
(-80.0, -180.0, 0.0, 1.2);	(-70.0, -180.0, 0.0, 1.2);
(-60.0, -180.0, 0.0, 1.2);	(-50.0, -180.0, 0.0, 1.2);
(-40.0, -180.0, 0.0, 1.2);	(-30.0, -180.0, 0.0, 1.2);
(-25.0, -180.0, 0.0, 1.2);	(-20.0, -180.0, 0.0, 1.2);
(-17.0, -180.0, 0.0, 1.2);	(-15.0, -180.0, 0.0, 1.2);
(-13.0, -180.0, 0.0, 1.2);	(-11.0, -180.0, 0.0, 1.2);
(-9.0, -180.0, 0.0, 1.2);	(9.0, -180.0, 0.0, 1.2);
(11.0, -180.0, 0.0, 1.2);	(13.0, -180.0, 0.0, 1.2);
(15.0, -180.0, 0.0, 1.2);	(17.0, -180.0, 0.0, 1.2);
(20.0, -180.0, 0.0, 1.2);	(25.0, -180.0, 0.0, 1.2);
(30.0, -180.0, 0.0, 1.2);	(40.0, -180.0, 0.0, 1.2);
(50.0, -180.0, 0.0, 1.2);	(60.0, -180.0, 0.0, 1.2);
(70.0, -180.0, 0.0, 1.2);	(80.0, -180.0, 0.0, 1.2);
(90.0, -180.0, 0.0, 1.2);	(100.0, -180.0, 0.0, 1.2);
(-100.0, -170.0, 0.0, 1.2);	(-90.0, -170.0, 0.0, 1.2);

01NCRA_NAPA94-300_DPM_TRAV_ANN N-S Bound

(-80.0,	-170.0,	0.0,	1.2);	(-70.0,	-170.0,	0.0,	1.2);
(-60.0,	-170.0,	0.0,	1.2);	(-50.0,	-170.0,	0.0,	1.2);
(-40.0,	-170.0,	0.0,	1.2);	(-30.0,	-170.0,	0.0,	1.2);
(-25.0,	-170.0,	0.0,	1.2);	(-20.0,	-170.0,	0.0,	1.2);
(-17.0,	-170.0,	0.0,	1.2);	(-15.0,	-170.0,	0.0,	1.2);
(-13.0,	-170.0,	0.0,	1.2);	(-11.0,	-170.0,	0.0,	1.2);
(-9.0,	-170.0,	0.0,	1.2);	(9.0,	-170.0,	0.0,	1.2);
(11.0,	-170.0,	0.0,	1.2);	(13.0,	-170.0,	0.0,	1.2);
(15.0,	-170.0,	0.0,	1.2);	(17.0,	-170.0,	0.0,	1.2);
(20.0,	-170.0,	0.0,	1.2);	(25.0,	-170.0,	0.0,	1.2);
(30.0,	-170.0,	0.0,	1.2);	(40.0,	-170.0,	0.0,	1.2);
(50.0,	-170.0,	0.0,	1.2);	(60.0,	-170.0,	0.0,	1.2);
(70.0,	-170.0,	0.0,	1.2);	(80.0,	-170.0,	0.0,	1.2);
(90.0,	-170.0,	0.0,	1.2);	(100.0,	-170.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	-160.0,	0.0,	1.2);	(-90.0,	-160.0,	0.0,	1.2);
(-80.0,	-160.0,	0.0,	1.2);	(-70.0,	-160.0,	0.0,	1.2);
(-60.0,	-160.0,	0.0,	1.2);	(-50.0,	-160.0,	0.0,	1.2);
(-40.0,	-160.0,	0.0,	1.2);	(-30.0,	-160.0,	0.0,	1.2);
(-25.0,	-160.0,	0.0,	1.2);	(-20.0,	-160.0,	0.0,	1.2);
(-17.0,	-160.0,	0.0,	1.2);	(-15.0,	-160.0,	0.0,	1.2);
(-13.0,	-160.0,	0.0,	1.2);	(-11.0,	-160.0,	0.0,	1.2);
(-9.0,	-160.0,	0.0,	1.2);	(9.0,	-160.0,	0.0,	1.2);
(11.0,	-160.0,	0.0,	1.2);	(13.0,	-160.0,	0.0,	1.2);
(15.0,	-160.0,	0.0,	1.2);	(17.0,	-160.0,	0.0,	1.2);
(20.0,	-160.0,	0.0,	1.2);	(25.0,	-160.0,	0.0,	1.2);
(30.0,	-160.0,	0.0,	1.2);	(40.0,	-160.0,	0.0,	1.2);
(50.0,	-160.0,	0.0,	1.2);	(60.0,	-160.0,	0.0,	1.2);
(70.0,	-160.0,	0.0,	1.2);	(80.0,	-160.0,	0.0,	1.2);
(90.0,	-160.0,	0.0,	1.2);	(100.0,	-160.0,	0.0,	1.2);
(-100.0,	-150.0,	0.0,	1.2);	(-90.0,	-150.0,	0.0,	1.2);
(-80.0,	-150.0,	0.0,	1.2);	(-70.0,	-150.0,	0.0,	1.2);
(-60.0,	-150.0,	0.0,	1.2);	(-50.0,	-150.0,	0.0,	1.2);
(-40.0,	-150.0,	0.0,	1.2);	(-30.0,	-150.0,	0.0,	1.2);
(-25.0,	-150.0,	0.0,	1.2);	(-20.0,	-150.0,	0.0,	1.2);
(-17.0,	-150.0,	0.0,	1.2);	(-15.0,	-150.0,	0.0,	1.2);
(-13.0,	-150.0,	0.0,	1.2);	(-11.0,	-150.0,	0.0,	1.2);
(-9.0,	-150.0,	0.0,	1.2);	(9.0,	-150.0,	0.0,	1.2);

01NCRA_NAPA94-300_DPM_TRAV_ANN N-S Bound

(11.0, -150.0, 0.0, 1.2);	(13.0, -150.0, 0.0, 1.2);
(15.0, -150.0, 0.0, 1.2);	(17.0, -150.0, 0.0, 1.2);
(20.0, -150.0, 0.0, 1.2);	(25.0, -150.0, 0.0, 1.2);
(30.0, -150.0, 0.0, 1.2);	(40.0, -150.0, 0.0, 1.2);
(50.0, -150.0, 0.0, 1.2);	(60.0, -150.0, 0.0, 1.2);
(70.0, -150.0, 0.0, 1.2);	(80.0, -150.0, 0.0, 1.2);
(90.0, -150.0, 0.0, 1.2);	(100.0, -150.0, 0.0, 1.2);
(-100.0, -140.0, 0.0, 1.2);	(-90.0, -140.0, 0.0, 1.2);
(-80.0, -140.0, 0.0, 1.2);	(-70.0, -140.0, 0.0, 1.2);
(-60.0, -140.0, 0.0, 1.2);	(-50.0, -140.0, 0.0, 1.2);
(-40.0, -140.0, 0.0, 1.2);	(-30.0, -140.0, 0.0, 1.2);
(-25.0, -140.0, 0.0, 1.2);	(-20.0, -140.0, 0.0, 1.2);
(-17.0, -140.0, 0.0, 1.2);	(-15.0, -140.0, 0.0, 1.2);
(-13.0, -140.0, 0.0, 1.2);	(-11.0, -140.0, 0.0, 1.2);
(-9.0, -140.0, 0.0, 1.2);	(9.0, -140.0, 0.0, 1.2);
(11.0, -140.0, 0.0, 1.2);	(13.0, -140.0, 0.0, 1.2);
(15.0, -140.0, 0.0, 1.2);	(17.0, -140.0, 0.0, 1.2);
(20.0, -140.0, 0.0, 1.2);	(25.0, -140.0, 0.0, 1.2);
(30.0, -140.0, 0.0, 1.2);	(40.0, -140.0, 0.0, 1.2);
(50.0, -140.0, 0.0, 1.2);	(60.0, -140.0, 0.0, 1.2);
(70.0, -140.0, 0.0, 1.2);	(80.0, -140.0, 0.0, 1.2);
(90.0, -140.0, 0.0, 1.2);	(100.0, -140.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0, -130.0, 0.0, 1.2);	(-90.0, -130.0, 0.0, 1.2);
(-80.0, -130.0, 0.0, 1.2);	(-70.0, -130.0, 0.0, 1.2);
(-60.0, -130.0, 0.0, 1.2);	(-50.0, -130.0, 0.0, 1.2);
(-40.0, -130.0, 0.0, 1.2);	(-30.0, -130.0, 0.0, 1.2);
(-25.0, -130.0, 0.0, 1.2);	(-20.0, -130.0, 0.0, 1.2);
(-17.0, -130.0, 0.0, 1.2);	(-15.0, -130.0, 0.0, 1.2);
(-13.0, -130.0, 0.0, 1.2);	(-11.0, -130.0, 0.0, 1.2);
(-9.0, -130.0, 0.0, 1.2);	(9.0, -130.0, 0.0, 1.2);
(11.0, -130.0, 0.0, 1.2);	(13.0, -130.0, 0.0, 1.2);
(15.0, -130.0, 0.0, 1.2);	(17.0, -130.0, 0.0, 1.2);
(20.0, -130.0, 0.0, 1.2);	(25.0, -130.0, 0.0, 1.2);
(30.0, -130.0, 0.0, 1.2);	(40.0, -130.0, 0.0, 1.2);
(50.0, -130.0, 0.0, 1.2);	(60.0, -130.0, 0.0, 1.2);
(70.0, -130.0, 0.0, 1.2);	(80.0, -130.0, 0.0, 1.2);
(90.0, -130.0, 0.0, 1.2);	(100.0, -130.0, 0.0, 1.2);

01NCRA_NAPA94-300_DPM_TRAV_ANN N-S Bound

(-100.0, -120.0, 0.0, 1.2);	(-90.0, -120.0, 0.0, 1.2);
(-80.0, -120.0, 0.0, 1.2);	(-70.0, -120.0, 0.0, 1.2);
(-60.0, -120.0, 0.0, 1.2);	(-50.0, -120.0, 0.0, 1.2);
(-40.0, -120.0, 0.0, 1.2);	(-30.0, -120.0, 0.0, 1.2);
(-25.0, -120.0, 0.0, 1.2);	(-20.0, -120.0, 0.0, 1.2);
(-17.0, -120.0, 0.0, 1.2);	(-15.0, -120.0, 0.0, 1.2);
(-13.0, -120.0, 0.0, 1.2);	(-11.0, -120.0, 0.0, 1.2);
(-9.0, -120.0, 0.0, 1.2);	(9.0, -120.0, 0.0, 1.2);
(11.0, -120.0, 0.0, 1.2);	(13.0, -120.0, 0.0, 1.2);
(15.0, -120.0, 0.0, 1.2);	(17.0, -120.0, 0.0, 1.2);
(20.0, -120.0, 0.0, 1.2);	(25.0, -120.0, 0.0, 1.2);
(30.0, -120.0, 0.0, 1.2);	(40.0, -120.0, 0.0, 1.2);
(50.0, -120.0, 0.0, 1.2);	(60.0, -120.0, 0.0, 1.2);
(70.0, -120.0, 0.0, 1.2);	(80.0, -120.0, 0.0, 1.2);
(90.0, -120.0, 0.0, 1.2);	(100.0, -120.0, 0.0, 1.2);
(-100.0, -110.0, 0.0, 1.2);	(-90.0, -110.0, 0.0, 1.2);
(-80.0, -110.0, 0.0, 1.2);	(-70.0, -110.0, 0.0, 1.2);
(-60.0, -110.0, 0.0, 1.2);	(-50.0, -110.0, 0.0, 1.2);
(-40.0, -110.0, 0.0, 1.2);	(-30.0, -110.0, 0.0, 1.2);
(-25.0, -110.0, 0.0, 1.2);	(-20.0, -110.0, 0.0, 1.2);
(-17.0, -110.0, 0.0, 1.2);	(-15.0, -110.0, 0.0, 1.2);
(-13.0, -110.0, 0.0, 1.2);	(-11.0, -110.0, 0.0, 1.2);
(-9.0, -110.0, 0.0, 1.2);	(9.0, -110.0, 0.0, 1.2);
(11.0, -110.0, 0.0, 1.2);	(13.0, -110.0, 0.0, 1.2);
(15.0, -110.0, 0.0, 1.2);	(17.0, -110.0, 0.0, 1.2);
(20.0, -110.0, 0.0, 1.2);	(25.0, -110.0, 0.0, 1.2);
(30.0, -110.0, 0.0, 1.2);	(40.0, -110.0, 0.0, 1.2);
(50.0, -110.0, 0.0, 1.2);	(60.0, -110.0, 0.0, 1.2);
(70.0, -110.0, 0.0, 1.2);	(80.0, -110.0, 0.0, 1.2);
(90.0, -110.0, 0.0, 1.2);	(100.0, -110.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0, -100.0, 0.0, 1.2);	(-90.0, -100.0, 0.0, 1.2);
(-80.0, -100.0, 0.0, 1.2);	(-70.0, -100.0, 0.0, 1.2);
(-60.0, -100.0, 0.0, 1.2);	(-50.0, -100.0, 0.0, 1.2);
(-40.0, -100.0, 0.0, 1.2);	(-30.0, -100.0, 0.0, 1.2);
(-25.0, -100.0, 0.0, 1.2);	(-20.0, -100.0, 0.0, 1.2);
(-17.0, -100.0, 0.0, 1.2);	(-15.0, -100.0, 0.0, 1.2);
(-13.0, -100.0, 0.0, 1.2);	(-11.0, -100.0, 0.0, 1.2);

01NCRA_NAPA94-300_DPM_TRAV_ANN N-S Bound

(-9.0, -100.0, 0.0, 1.2);	(-9.0, -100.0, 0.0, 1.2);
(11.0, -100.0, 0.0, 1.2);	(13.0, -100.0, 0.0, 1.2);
(15.0, -100.0, 0.0, 1.2);	(17.0, -100.0, 0.0, 1.2);
(20.0, -100.0, 0.0, 1.2);	(25.0, -100.0, 0.0, 1.2);
(30.0, -100.0, 0.0, 1.2);	(40.0, -100.0, 0.0, 1.2);
(50.0, -100.0, 0.0, 1.2);	(60.0, -100.0, 0.0, 1.2);
(70.0, -100.0, 0.0, 1.2);	(80.0, -100.0, 0.0, 1.2);
(90.0, -100.0, 0.0, 1.2);	(100.0, -100.0, 0.0, 1.2);
(-100.0, -90.0, 0.0, 1.2);	(-90.0, -90.0, 0.0, 1.2);
(-80.0, -90.0, 0.0, 1.2);	(-70.0, -90.0, 0.0, 1.2);
(-60.0, -90.0, 0.0, 1.2);	(-50.0, -90.0, 0.0, 1.2);
(-40.0, -90.0, 0.0, 1.2);	(-30.0, -90.0, 0.0, 1.2);
(-25.0, -90.0, 0.0, 1.2);	(-20.0, -90.0, 0.0, 1.2);
(-17.0, -90.0, 0.0, 1.2);	(-15.0, -90.0, 0.0, 1.2);
(-13.0, -90.0, 0.0, 1.2);	(-11.0, -90.0, 0.0, 1.2);
(-9.0, -90.0, 0.0, 1.2);	(9.0, -90.0, 0.0, 1.2);
(11.0, -90.0, 0.0, 1.2);	(13.0, -90.0, 0.0, 1.2);
(15.0, -90.0, 0.0, 1.2);	(17.0, -90.0, 0.0, 1.2);
(20.0, -90.0, 0.0, 1.2);	(25.0, -90.0, 0.0, 1.2);
(30.0, -90.0, 0.0, 1.2);	(40.0, -90.0, 0.0, 1.2);
(50.0, -90.0, 0.0, 1.2);	(60.0, -90.0, 0.0, 1.2);
(70.0, -90.0, 0.0, 1.2);	(80.0, -90.0, 0.0, 1.2);
(90.0, -90.0, 0.0, 1.2);	(100.0, -90.0, 0.0, 1.2);
(-100.0, -80.0, 0.0, 1.2);	(-90.0, -80.0, 0.0, 1.2);
(-80.0, -80.0, 0.0, 1.2);	(-70.0, -80.0, 0.0, 1.2);
(-60.0, -80.0, 0.0, 1.2);	(-50.0, -80.0, 0.0, 1.2);
(-40.0, -80.0, 0.0, 1.2);	(-30.0, -80.0, 0.0, 1.2);
(-25.0, -80.0, 0.0, 1.2);	(-20.0, -80.0, 0.0, 1.2);
(-17.0, -80.0, 0.0, 1.2);	(-15.0, -80.0, 0.0, 1.2);
(-13.0, -80.0, 0.0, 1.2);	(-11.0, -80.0, 0.0, 1.2);
(-9.0, -80.0, 0.0, 1.2);	(9.0, -80.0, 0.0, 1.2);
(11.0, -80.0, 0.0, 1.2);	(13.0, -80.0, 0.0, 1.2);
(15.0, -80.0, 0.0, 1.2);	(17.0, -80.0, 0.0, 1.2);
(20.0, -80.0, 0.0, 1.2);	(25.0, -80.0, 0.0, 1.2);
(30.0, -80.0, 0.0, 1.2);	(40.0, -80.0, 0.0, 1.2);
(50.0, -80.0, 0.0, 1.2);	(60.0, -80.0, 0.0, 1.2);
(70.0, -80.0, 0.0, 1.2);	(80.0, -80.0, 0.0, 1.2);
(90.0, -80.0, 0.0, 1.2);	(100.0, -80.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:

PAGE 10

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound
(METERS)

(-100.0, -70.0, 0.0, 1.2);	(-90.0, -70.0, 0.0, 1.2);
(-80.0, -70.0, 0.0, 1.2);	(-70.0, -70.0, 0.0, 1.2);
(-60.0, -70.0, 0.0, 1.2);	(-50.0, -70.0, 0.0, 1.2);
(-40.0, -70.0, 0.0, 1.2);	(-30.0, -70.0, 0.0, 1.2);
(-25.0, -70.0, 0.0, 1.2);	(-20.0, -70.0, 0.0, 1.2);
(-17.0, -70.0, 0.0, 1.2);	(-15.0, -70.0, 0.0, 1.2);
(-13.0, -70.0, 0.0, 1.2);	(-11.0, -70.0, 0.0, 1.2);
(-9.0, -70.0, 0.0, 1.2);	(9.0, -70.0, 0.0, 1.2);
(11.0, -70.0, 0.0, 1.2);	(13.0, -70.0, 0.0, 1.2);
(15.0, -70.0, 0.0, 1.2);	(17.0, -70.0, 0.0, 1.2);
(20.0, -70.0, 0.0, 1.2);	(25.0, -70.0, 0.0, 1.2);
(30.0, -70.0, 0.0, 1.2);	(40.0, -70.0, 0.0, 1.2);
(50.0, -70.0, 0.0, 1.2);	(60.0, -70.0, 0.0, 1.2);
(70.0, -70.0, 0.0, 1.2);	(80.0, -70.0, 0.0, 1.2);
(90.0, -70.0, 0.0, 1.2);	(100.0, -70.0, 0.0, 1.2);
(-100.0, -60.0, 0.0, 1.2);	(-90.0, -60.0, 0.0, 1.2);
(-80.0, -60.0, 0.0, 1.2);	(-70.0, -60.0, 0.0, 1.2);
(-60.0, -60.0, 0.0, 1.2);	(-50.0, -60.0, 0.0, 1.2);
(-40.0, -60.0, 0.0, 1.2);	(-30.0, -60.0, 0.0, 1.2);
(-25.0, -60.0, 0.0, 1.2);	(-20.0, -60.0, 0.0, 1.2);
(-17.0, -60.0, 0.0, 1.2);	(-15.0, -60.0, 0.0, 1.2);
(-13.0, -60.0, 0.0, 1.2);	(-11.0, -60.0, 0.0, 1.2);
(-9.0, -60.0, 0.0, 1.2);	(9.0, -60.0, 0.0, 1.2);
(11.0, -60.0, 0.0, 1.2);	(13.0, -60.0, 0.0, 1.2);
(15.0, -60.0, 0.0, 1.2);	(17.0, -60.0, 0.0, 1.2);
(20.0, -60.0, 0.0, 1.2);	(25.0, -60.0, 0.0, 1.2);
(30.0, -60.0, 0.0, 1.2);	(40.0, -60.0, 0.0, 1.2);
(50.0, -60.0, 0.0, 1.2);	(60.0, -60.0, 0.0, 1.2);
(70.0, -60.0, 0.0, 1.2);	(80.0, -60.0, 0.0, 1.2);
(90.0, -60.0, 0.0, 1.2);	(100.0, -60.0, 0.0, 1.2);
(-100.0, -50.0, 0.0, 1.2);	(-90.0, -50.0, 0.0, 1.2);
(-80.0, -50.0, 0.0, 1.2);	(-70.0, -50.0, 0.0, 1.2);
(-60.0, -50.0, 0.0, 1.2);	(-50.0, -50.0, 0.0, 1.2);
(-40.0, -50.0, 0.0, 1.2);	(-30.0, -50.0, 0.0, 1.2);
(-25.0, -50.0, 0.0, 1.2);	(-20.0, -50.0, 0.0, 1.2);
(-17.0, -50.0, 0.0, 1.2);	(-15.0, -50.0, 0.0, 1.2);
(-13.0, -50.0, 0.0, 1.2);	(-11.0, -50.0, 0.0, 1.2);
(-9.0, -50.0, 0.0, 1.2);	(9.0, -50.0, 0.0, 1.2);
(11.0, -50.0, 0.0, 1.2);	(13.0, -50.0, 0.0, 1.2);
(15.0, -50.0, 0.0, 1.2);	(17.0, -50.0, 0.0, 1.2);
(20.0, -50.0, 0.0, 1.2);	(25.0, -50.0, 0.0, 1.2);
(30.0, -50.0, 0.0, 1.2);	(40.0, -50.0, 0.0, 1.2);
(50.0, -50.0, 0.0, 1.2);	(60.0, -50.0, 0.0, 1.2);

01NCRA_NAPA94-300_DPM_TRAV_ANN N-S Bound

(70.0, -50.0, 0.0, 1.2); (80.0, -50.0, 0.0, 1.2);
(90.0, -50.0, 0.0, 1.2); (100.0, -50.0, 0.0, 1.2);

1 *** ICSST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -40.0, 0.0, 1.2); (-90.0, -40.0, 0.0, 1.2);
(-80.0, -40.0, 0.0, 1.2); (-70.0, -40.0, 0.0, 1.2);
(-60.0, -40.0, 0.0, 1.2); (-50.0, -40.0, 0.0, 1.2);
(-40.0, -40.0, 0.0, 1.2); (-30.0, -40.0, 0.0, 1.2);
(-25.0, -40.0, 0.0, 1.2); (-20.0, -40.0, 0.0, 1.2);
(-17.0, -40.0, 0.0, 1.2); (-15.0, -40.0, 0.0, 1.2);
(-13.0, -40.0, 0.0, 1.2); (-11.0, -40.0, 0.0, 1.2);
(-9.0, -40.0, 0.0, 1.2); (9.0, -40.0, 0.0, 1.2);
(11.0, -40.0, 0.0, 1.2); (13.0, -40.0, 0.0, 1.2);
(15.0, -40.0, 0.0, 1.2); (17.0, -40.0, 0.0, 1.2);
(20.0, -40.0, 0.0, 1.2); (25.0, -40.0, 0.0, 1.2);
(30.0, -40.0, 0.0, 1.2); (40.0, -40.0, 0.0, 1.2);
(50.0, -40.0, 0.0, 1.2); (60.0, -40.0, 0.0, 1.2);
(70.0, -40.0, 0.0, 1.2); (80.0, -40.0, 0.0, 1.2);
(90.0, -40.0, 0.0, 1.2); (100.0, -40.0, 0.0, 1.2);
(-100.0, -30.0, 0.0, 1.2); (-90.0, -30.0, 0.0, 1.2);
(-80.0, -30.0, 0.0, 1.2); (-70.0, -30.0, 0.0, 1.2);
(-60.0, -30.0, 0.0, 1.2); (-50.0, -30.0, 0.0, 1.2);
(-40.0, -30.0, 0.0, 1.2); (-30.0, -30.0, 0.0, 1.2);
(-25.0, -30.0, 0.0, 1.2); (-20.0, -30.0, 0.0, 1.2);
(-17.0, -30.0, 0.0, 1.2); (-15.0, -30.0, 0.0, 1.2);
(-13.0, -30.0, 0.0, 1.2); (-11.0, -30.0, 0.0, 1.2);
(-9.0, -30.0, 0.0, 1.2); (9.0, -30.0, 0.0, 1.2);
(11.0, -30.0, 0.0, 1.2); (13.0, -30.0, 0.0, 1.2);
(15.0, -30.0, 0.0, 1.2); (17.0, -30.0, 0.0, 1.2);
(20.0, -30.0, 0.0, 1.2); (25.0, -30.0, 0.0, 1.2);
(30.0, -30.0, 0.0, 1.2); (40.0, -30.0, 0.0, 1.2);
(50.0, -30.0, 0.0, 1.2); (60.0, -30.0, 0.0, 1.2);
(70.0, -30.0, 0.0, 1.2); (80.0, -30.0, 0.0, 1.2);
(90.0, -30.0, 0.0, 1.2); (100.0, -30.0, 0.0, 1.2);
(-100.0, -20.0, 0.0, 1.2); (-90.0, -20.0, 0.0, 1.2);
(-80.0, -20.0, 0.0, 1.2); (-70.0, -20.0, 0.0, 1.2);
(-60.0, -20.0, 0.0, 1.2); (-50.0, -20.0, 0.0, 1.2);
(-40.0, -20.0, 0.0, 1.2); (-30.0, -20.0, 0.0, 1.2);
(-25.0, -20.0, 0.0, 1.2); (-20.0, -20.0, 0.0, 1.2);

01NCRA_NAPA94-300_DPM_TRAV_ANN N-S Bound

(-17.0,	-20.0,	0.0,	1.2);	(-15.0,	-20.0,	0.0,	1.2);
(-13.0,	-20.0,	0.0,	1.2);	(-11.0,	-20.0,	0.0,	1.2);
(-9.0,	-20.0,	0.0,	1.2);	(9.0,	-20.0,	0.0,	1.2);
(11.0,	-20.0,	0.0,	1.2);	(13.0,	-20.0,	0.0,	1.2);
(15.0,	-20.0,	0.0,	1.2);	(17.0,	-20.0,	0.0,	1.2);
(20.0,	-20.0,	0.0,	1.2);	(25.0,	-20.0,	0.0,	1.2);
(30.0,	-20.0,	0.0,	1.2);	(40.0,	-20.0,	0.0,	1.2);
(50.0,	-20.0,	0.0,	1.2);	(60.0,	-20.0,	0.0,	1.2);
(70.0,	-20.0,	0.0,	1.2);	(80.0,	-20.0,	0.0,	1.2);
(90.0,	-20.0,	0.0,	1.2);	(100.0,	-20.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	-10.0,	0.0,	1.2);	(-90.0,	-10.0,	0.0,	1.2);
(-80.0,	-10.0,	0.0,	1.2);	(-70.0,	-10.0,	0.0,	1.2);
(-60.0,	-10.0,	0.0,	1.2);	(-50.0,	-10.0,	0.0,	1.2);
(-40.0,	-10.0,	0.0,	1.2);	(-30.0,	-10.0,	0.0,	1.2);
(-25.0,	-10.0,	0.0,	1.2);	(-20.0,	-10.0,	0.0,	1.2);
(-17.0,	-10.0,	0.0,	1.2);	(-15.0,	-10.0,	0.0,	1.2);
(-13.0,	-10.0,	0.0,	1.2);	(-11.0,	-10.0,	0.0,	1.2);
(-9.0,	-10.0,	0.0,	1.2);	(9.0,	-10.0,	0.0,	1.2);
(11.0,	-10.0,	0.0,	1.2);	(13.0,	-10.0,	0.0,	1.2);
(15.0,	-10.0,	0.0,	1.2);	(17.0,	-10.0,	0.0,	1.2);
(20.0,	-10.0,	0.0,	1.2);	(25.0,	-10.0,	0.0,	1.2);
(30.0,	-10.0,	0.0,	1.2);	(40.0,	-10.0,	0.0,	1.2);
(50.0,	-10.0,	0.0,	1.2);	(60.0,	-10.0,	0.0,	1.2);
(70.0,	-10.0,	0.0,	1.2);	(80.0,	-10.0,	0.0,	1.2);
(90.0,	-10.0,	0.0,	1.2);	(100.0,	-10.0,	0.0,	1.2);
(-100.0,	0.0,	0.0,	1.2);	(-90.0,	0.0,	0.0,	1.2);
(-80.0,	0.0,	0.0,	1.2);	(-70.0,	0.0,	0.0,	1.2);
(-60.0,	0.0,	0.0,	1.2);	(-50.0,	0.0,	0.0,	1.2);
(-40.0,	0.0,	0.0,	1.2);	(-30.0,	0.0,	0.0,	1.2);
(-25.0,	0.0,	0.0,	1.2);	(-20.0,	0.0,	0.0,	1.2);
(-17.0,	0.0,	0.0,	1.2);	(-15.0,	0.0,	0.0,	1.2);
(-13.0,	0.0,	0.0,	1.2);	(-11.0,	0.0,	0.0,	1.2);
(-9.0,	0.0,	0.0,	1.2);	(9.0,	0.0,	0.0,	1.2);
(11.0,	0.0,	0.0,	1.2);	(13.0,	0.0,	0.0,	1.2);
(15.0,	0.0,	0.0,	1.2);	(17.0,	0.0,	0.0,	1.2);
(20.0,	0.0,	0.0,	1.2);	(25.0,	0.0,	0.0,	1.2);
(30.0,	0.0,	0.0,	1.2);	(40.0,	0.0,	0.0,	1.2);

01NCRA_NAPA94-300_DPM_TRAV_ANN N-S Bound

(50.0,	0.0,	0.0,	1.2);	(60.0,	0.0,	0.0,	1.2);
(70.0,	0.0,	0.0,	1.2);	(80.0,	0.0,	0.0,	1.2);
(90.0,	0.0,	0.0,	1.2);	(100.0,	0.0,	0.0,	1.2);
(-100.0,	10.0,	0.0,	1.2);	(-90.0,	10.0,	0.0,	1.2);
(-80.0,	10.0,	0.0,	1.2);	(-70.0,	10.0,	0.0,	1.2);
(-60.0,	10.0,	0.0,	1.2);	(-50.0,	10.0,	0.0,	1.2);
(-40.0,	10.0,	0.0,	1.2);	(-30.0,	10.0,	0.0,	1.2);
(-25.0,	10.0,	0.0,	1.2);	(-20.0,	10.0,	0.0,	1.2);
(-17.0,	10.0,	0.0,	1.2);	(-15.0,	10.0,	0.0,	1.2);
(-13.0,	10.0,	0.0,	1.2);	(-11.0,	10.0,	0.0,	1.2);
(-9.0,	10.0,	0.0,	1.2);	(9.0,	10.0,	0.0,	1.2);
(11.0,	10.0,	0.0,	1.2);	(13.0,	10.0,	0.0,	1.2);
(15.0,	10.0,	0.0,	1.2);	(17.0,	10.0,	0.0,	1.2);
(20.0,	10.0,	0.0,	1.2);	(25.0,	10.0,	0.0,	1.2);
(30.0,	10.0,	0.0,	1.2);	(40.0,	10.0,	0.0,	1.2);
(50.0,	10.0,	0.0,	1.2);	(60.0,	10.0,	0.0,	1.2);
(70.0,	10.0,	0.0,	1.2);	(80.0,	10.0,	0.0,	1.2);
(90.0,	10.0,	0.0,	1.2);	(100.0,	10.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

16:18:59

*** Maximum train overlap at North/South Bound Direction

**MODELOPTs:
PAGE 13

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	20.0,	0.0,	1.2);	(-90.0,	20.0,	0.0,	1.2);
(-80.0,	20.0,	0.0,	1.2);	(-70.0,	20.0,	0.0,	1.2);
(-60.0,	20.0,	0.0,	1.2);	(-50.0,	20.0,	0.0,	1.2);
(-40.0,	20.0,	0.0,	1.2);	(-30.0,	20.0,	0.0,	1.2);
(-25.0,	20.0,	0.0,	1.2);	(-20.0,	20.0,	0.0,	1.2);
(-17.0,	20.0,	0.0,	1.2);	(-15.0,	20.0,	0.0,	1.2);
(-13.0,	20.0,	0.0,	1.2);	(-11.0,	20.0,	0.0,	1.2);
(-9.0,	20.0,	0.0,	1.2);	(9.0,	20.0,	0.0,	1.2);
(11.0,	20.0,	0.0,	1.2);	(13.0,	20.0,	0.0,	1.2);
(15.0,	20.0,	0.0,	1.2);	(17.0,	20.0,	0.0,	1.2);
(20.0,	20.0,	0.0,	1.2);	(25.0,	20.0,	0.0,	1.2);
(30.0,	20.0,	0.0,	1.2);	(40.0,	20.0,	0.0,	1.2);
(50.0,	20.0,	0.0,	1.2);	(60.0,	20.0,	0.0,	1.2);
(70.0,	20.0,	0.0,	1.2);	(80.0,	20.0,	0.0,	1.2);
(90.0,	20.0,	0.0,	1.2);	(100.0,	20.0,	0.0,	1.2);
(-100.0,	30.0,	0.0,	1.2);	(-90.0,	30.0,	0.0,	1.2);
(-80.0,	30.0,	0.0,	1.2);	(-70.0,	30.0,	0.0,	1.2);
(-60.0,	30.0,	0.0,	1.2);	(-50.0,	30.0,	0.0,	1.2);
(-40.0,	30.0,	0.0,	1.2);	(-30.0,	30.0,	0.0,	1.2);

01NCRA_NAPA94-300_DPM_TRAV_ANN N-S Bound

(-25.0,	30.0,	0.0,	1.2);	(-20.0,	30.0,	0.0,	1.2);
(-17.0,	30.0,	0.0,	1.2);	(-15.0,	30.0,	0.0,	1.2);
(-13.0,	30.0,	0.0,	1.2);	(-11.0,	30.0,	0.0,	1.2);
(-9.0,	30.0,	0.0,	1.2);	(9.0,	30.0,	0.0,	1.2);
(11.0,	30.0,	0.0,	1.2);	(13.0,	30.0,	0.0,	1.2);
(15.0,	30.0,	0.0,	1.2);	(17.0,	30.0,	0.0,	1.2);
(20.0,	30.0,	0.0,	1.2);	(25.0,	30.0,	0.0,	1.2);
(30.0,	30.0,	0.0,	1.2);	(40.0,	30.0,	0.0,	1.2);
(50.0,	30.0,	0.0,	1.2);	(60.0,	30.0,	0.0,	1.2);
(70.0,	30.0,	0.0,	1.2);	(80.0,	30.0,	0.0,	1.2);
(90.0,	30.0,	0.0,	1.2);	(100.0,	30.0,	0.0,	1.2);
(-100.0,	40.0,	0.0,	1.2);	(-90.0,	40.0,	0.0,	1.2);
(-80.0,	40.0,	0.0,	1.2);	(-70.0,	40.0,	0.0,	1.2);
(-60.0,	40.0,	0.0,	1.2);	(-50.0,	40.0,	0.0,	1.2);
(-40.0,	40.0,	0.0,	1.2);	(-30.0,	40.0,	0.0,	1.2);
(-25.0,	40.0,	0.0,	1.2);	(-20.0,	40.0,	0.0,	1.2);
(-17.0,	40.0,	0.0,	1.2);	(-15.0,	40.0,	0.0,	1.2);
(-13.0,	40.0,	0.0,	1.2);	(-11.0,	40.0,	0.0,	1.2);
(-9.0,	40.0,	0.0,	1.2);	(9.0,	40.0,	0.0,	1.2);
(11.0,	40.0,	0.0,	1.2);	(13.0,	40.0,	0.0,	1.2);
(15.0,	40.0,	0.0,	1.2);	(17.0,	40.0,	0.0,	1.2);
(20.0,	40.0,	0.0,	1.2);	(25.0,	40.0,	0.0,	1.2);
(30.0,	40.0,	0.0,	1.2);	(40.0,	40.0,	0.0,	1.2);
(50.0,	40.0,	0.0,	1.2);	(60.0,	40.0,	0.0,	1.2);
(70.0,	40.0,	0.0,	1.2);	(80.0,	40.0,	0.0,	1.2);
(90.0,	40.0,	0.0,	1.2);	(100.0,	40.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	50.0,	0.0,	1.2);	(-90.0,	50.0,	0.0,	1.2);
(-80.0,	50.0,	0.0,	1.2);	(-70.0,	50.0,	0.0,	1.2);
(-60.0,	50.0,	0.0,	1.2);	(-50.0,	50.0,	0.0,	1.2);
(-40.0,	50.0,	0.0,	1.2);	(-30.0,	50.0,	0.0,	1.2);
(-25.0,	50.0,	0.0,	1.2);	(-20.0,	50.0,	0.0,	1.2);
(-17.0,	50.0,	0.0,	1.2);	(-15.0,	50.0,	0.0,	1.2);
(-13.0,	50.0,	0.0,	1.2);	(-11.0,	50.0,	0.0,	1.2);
(-9.0,	50.0,	0.0,	1.2);	(9.0,	50.0,	0.0,	1.2);
(11.0,	50.0,	0.0,	1.2);	(13.0,	50.0,	0.0,	1.2);
(15.0,	50.0,	0.0,	1.2);	(17.0,	50.0,	0.0,	1.2);
(20.0,	50.0,	0.0,	1.2);	(25.0,	50.0,	0.0,	1.2);

01NCRA_NAPA94-300_DPM_TRAV_ANN N-S Bound

(30.0,	50.0,	0.0,	1.2);	(40.0,	50.0,	0.0,	1.2);
(50.0,	50.0,	0.0,	1.2);	(60.0,	50.0,	0.0,	1.2);
(70.0,	50.0,	0.0,	1.2);	(80.0,	50.0,	0.0,	1.2);
(90.0,	50.0,	0.0,	1.2);	(100.0,	50.0,	0.0,	1.2);
(-100.0,	60.0,	0.0,	1.2);	(-90.0,	60.0,	0.0,	1.2);
(-80.0,	60.0,	0.0,	1.2);	(-70.0,	60.0,	0.0,	1.2);
(-60.0,	60.0,	0.0,	1.2);	(-50.0,	60.0,	0.0,	1.2);
(-40.0,	60.0,	0.0,	1.2);	(-30.0,	60.0,	0.0,	1.2);
(-25.0,	60.0,	0.0,	1.2);	(-20.0,	60.0,	0.0,	1.2);
(-17.0,	60.0,	0.0,	1.2);	(-15.0,	60.0,	0.0,	1.2);
(-13.0,	60.0,	0.0,	1.2);	(-11.0,	60.0,	0.0,	1.2);
(-9.0,	60.0,	0.0,	1.2);	(9.0,	60.0,	0.0,	1.2);
(11.0,	60.0,	0.0,	1.2);	(13.0,	60.0,	0.0,	1.2);
(15.0,	60.0,	0.0,	1.2);	(17.0,	60.0,	0.0,	1.2);
(20.0,	60.0,	0.0,	1.2);	(25.0,	60.0,	0.0,	1.2);
(30.0,	60.0,	0.0,	1.2);	(40.0,	60.0,	0.0,	1.2);
(50.0,	60.0,	0.0,	1.2);	(60.0,	60.0,	0.0,	1.2);
(70.0,	60.0,	0.0,	1.2);	(80.0,	60.0,	0.0,	1.2);
(90.0,	60.0,	0.0,	1.2);	(100.0,	60.0,	0.0,	1.2);
(-100.0,	70.0,	0.0,	1.2);	(-90.0,	70.0,	0.0,	1.2);
(-80.0,	70.0,	0.0,	1.2);	(-70.0,	70.0,	0.0,	1.2);
(-60.0,	70.0,	0.0,	1.2);	(-50.0,	70.0,	0.0,	1.2);
(-40.0,	70.0,	0.0,	1.2);	(-30.0,	70.0,	0.0,	1.2);
(-25.0,	70.0,	0.0,	1.2);	(-20.0,	70.0,	0.0,	1.2);
(-17.0,	70.0,	0.0,	1.2);	(-15.0,	70.0,	0.0,	1.2);
(-13.0,	70.0,	0.0,	1.2);	(-11.0,	70.0,	0.0,	1.2);
(-9.0,	70.0,	0.0,	1.2);	(9.0,	70.0,	0.0,	1.2);
(11.0,	70.0,	0.0,	1.2);	(13.0,	70.0,	0.0,	1.2);
(15.0,	70.0,	0.0,	1.2);	(17.0,	70.0,	0.0,	1.2);
(20.0,	70.0,	0.0,	1.2);	(25.0,	70.0,	0.0,	1.2);
(30.0,	70.0,	0.0,	1.2);	(40.0,	70.0,	0.0,	1.2);
(50.0,	70.0,	0.0,	1.2);	(60.0,	70.0,	0.0,	1.2);
(70.0,	70.0,	0.0,	1.2);	(80.0,	70.0,	0.0,	1.2);
(90.0,	70.0,	0.0,	1.2);	(100.0,	70.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTS:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	80.0,	0.0,	1.2);	(-90.0,	80.0,	0.0,	1.2);
(-80.0,	80.0,	0.0,	1.2);	(-70.0,	80.0,	0.0,	1.2);
(-60.0,	80.0,	0.0,	1.2);	(-50.0,	80.0,	0.0,	1.2);

01NCRA_NAPA94-300_DPM_TRAV_ANN N-S Bound

(-40.0,	80.0,	0.0,	1.2);	(-30.0,	80.0,	0.0,	1.2);
(-25.0,	80.0,	0.0,	1.2);	(-20.0,	80.0,	0.0,	1.2);
(-17.0,	80.0,	0.0,	1.2);	(-15.0,	80.0,	0.0,	1.2);
(-13.0,	80.0,	0.0,	1.2);	(-11.0,	80.0,	0.0,	1.2);
(-9.0,	80.0,	0.0,	1.2);	(9.0,	80.0,	0.0,	1.2);
(11.0,	80.0,	0.0,	1.2);	(13.0,	80.0,	0.0,	1.2);
(15.0,	80.0,	0.0,	1.2);	(17.0,	80.0,	0.0,	1.2);
(20.0,	80.0,	0.0,	1.2);	(25.0,	80.0,	0.0,	1.2);
(30.0,	80.0,	0.0,	1.2);	(40.0,	80.0,	0.0,	1.2);
(50.0,	80.0,	0.0,	1.2);	(60.0,	80.0,	0.0,	1.2);
(70.0,	80.0,	0.0,	1.2);	(80.0,	80.0,	0.0,	1.2);
(90.0,	80.0,	0.0,	1.2);	(100.0,	80.0,	0.0,	1.2);
(-100.0,	90.0,	0.0,	1.2);	(-90.0,	90.0,	0.0,	1.2);
(-80.0,	90.0,	0.0,	1.2);	(-70.0,	90.0,	0.0,	1.2);
(-60.0,	90.0,	0.0,	1.2);	(-50.0,	90.0,	0.0,	1.2);
(-40.0,	90.0,	0.0,	1.2);	(-30.0,	90.0,	0.0,	1.2);
(-25.0,	90.0,	0.0,	1.2);	(-20.0,	90.0,	0.0,	1.2);
(-17.0,	90.0,	0.0,	1.2);	(-15.0,	90.0,	0.0,	1.2);
(-13.0,	90.0,	0.0,	1.2);	(-11.0,	90.0,	0.0,	1.2);
(-9.0,	90.0,	0.0,	1.2);	(9.0,	90.0,	0.0,	1.2);
(11.0,	90.0,	0.0,	1.2);	(13.0,	90.0,	0.0,	1.2);
(15.0,	90.0,	0.0,	1.2);	(17.0,	90.0,	0.0,	1.2);
(20.0,	90.0,	0.0,	1.2);	(25.0,	90.0,	0.0,	1.2);
(30.0,	90.0,	0.0,	1.2);	(40.0,	90.0,	0.0,	1.2);
(50.0,	90.0,	0.0,	1.2);	(60.0,	90.0,	0.0,	1.2);
(70.0,	90.0,	0.0,	1.2);	(80.0,	90.0,	0.0,	1.2);
(90.0,	90.0,	0.0,	1.2);	(100.0,	90.0,	0.0,	1.2);
(-100.0,	100.0,	0.0,	1.2);	(-90.0,	100.0,	0.0,	1.2);
(-80.0,	100.0,	0.0,	1.2);	(-70.0,	100.0,	0.0,	1.2);
(-60.0,	100.0,	0.0,	1.2);	(-50.0,	100.0,	0.0,	1.2);
(-40.0,	100.0,	0.0,	1.2);	(-30.0,	100.0,	0.0,	1.2);
(-25.0,	100.0,	0.0,	1.2);	(-20.0,	100.0,	0.0,	1.2);
(-17.0,	100.0,	0.0,	1.2);	(-15.0,	100.0,	0.0,	1.2);
(-13.0,	100.0,	0.0,	1.2);	(-11.0,	100.0,	0.0,	1.2);
(-9.0,	100.0,	0.0,	1.2);	(9.0,	100.0,	0.0,	1.2);
(11.0,	100.0,	0.0,	1.2);	(13.0,	100.0,	0.0,	1.2);
(15.0,	100.0,	0.0,	1.2);	(17.0,	100.0,	0.0,	1.2);
(20.0,	100.0,	0.0,	1.2);	(25.0,	100.0,	0.0,	1.2);
(30.0,	100.0,	0.0,	1.2);	(40.0,	100.0,	0.0,	1.2);
(50.0,	100.0,	0.0,	1.2);	(60.0,	100.0,	0.0,	1.2);
(70.0,	100.0,	0.0,	1.2);	(80.0,	100.0,	0.0,	1.2);
(90.0,	100.0,	0.0,	1.2);	(100.0,	100.0,	0.0,	1.2);

**MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, 110.0, 0.0, 1.2);	(-90.0, 110.0, 0.0, 1.2);
(-80.0, 110.0, 0.0, 1.2);	(-70.0, 110.0, 0.0, 1.2);
(-60.0, 110.0, 0.0, 1.2);	(-50.0, 110.0, 0.0, 1.2);
(-40.0, 110.0, 0.0, 1.2);	(-30.0, 110.0, 0.0, 1.2);
(-25.0, 110.0, 0.0, 1.2);	(-20.0, 110.0, 0.0, 1.2);
(-17.0, 110.0, 0.0, 1.2);	(-15.0, 110.0, 0.0, 1.2);
(-13.0, 110.0, 0.0, 1.2);	(-11.0, 110.0, 0.0, 1.2);
(-9.0, 110.0, 0.0, 1.2);	(9.0, 110.0, 0.0, 1.2);
(11.0, 110.0, 0.0, 1.2);	(13.0, 110.0, 0.0, 1.2);
(15.0, 110.0, 0.0, 1.2);	(17.0, 110.0, 0.0, 1.2);
(20.0, 110.0, 0.0, 1.2);	(25.0, 110.0, 0.0, 1.2);
(30.0, 110.0, 0.0, 1.2);	(40.0, 110.0, 0.0, 1.2);
(50.0, 110.0, 0.0, 1.2);	(60.0, 110.0, 0.0, 1.2);
(70.0, 110.0, 0.0, 1.2);	(80.0, 110.0, 0.0, 1.2);
(90.0, 110.0, 0.0, 1.2);	(100.0, 110.0, 0.0, 1.2);
(-100.0, 120.0, 0.0, 1.2);	(-90.0, 120.0, 0.0, 1.2);
(-80.0, 120.0, 0.0, 1.2);	(-70.0, 120.0, 0.0, 1.2);
(-60.0, 120.0, 0.0, 1.2);	(-50.0, 120.0, 0.0, 1.2);
(-40.0, 120.0, 0.0, 1.2);	(-30.0, 120.0, 0.0, 1.2);
(-25.0, 120.0, 0.0, 1.2);	(-20.0, 120.0, 0.0, 1.2);
(-17.0, 120.0, 0.0, 1.2);	(-15.0, 120.0, 0.0, 1.2);
(-13.0, 120.0, 0.0, 1.2);	(-11.0, 120.0, 0.0, 1.2);
(-9.0, 120.0, 0.0, 1.2);	(9.0, 120.0, 0.0, 1.2);
(11.0, 120.0, 0.0, 1.2);	(13.0, 120.0, 0.0, 1.2);
(15.0, 120.0, 0.0, 1.2);	(17.0, 120.0, 0.0, 1.2);
(20.0, 120.0, 0.0, 1.2);	(25.0, 120.0, 0.0, 1.2);
(30.0, 120.0, 0.0, 1.2);	(40.0, 120.0, 0.0, 1.2);
(50.0, 120.0, 0.0, 1.2);	(60.0, 120.0, 0.0, 1.2);
(70.0, 120.0, 0.0, 1.2);	(80.0, 120.0, 0.0, 1.2);
(90.0, 120.0, 0.0, 1.2);	(100.0, 120.0, 0.0, 1.2);
(-100.0, 130.0, 0.0, 1.2);	(-90.0, 130.0, 0.0, 1.2);
(-80.0, 130.0, 0.0, 1.2);	(-70.0, 130.0, 0.0, 1.2);
(-60.0, 130.0, 0.0, 1.2);	(-50.0, 130.0, 0.0, 1.2);
(-40.0, 130.0, 0.0, 1.2);	(-30.0, 130.0, 0.0, 1.2);
(-25.0, 130.0, 0.0, 1.2);	(-20.0, 130.0, 0.0, 1.2);
(-17.0, 130.0, 0.0, 1.2);	(-15.0, 130.0, 0.0, 1.2);
(-13.0, 130.0, 0.0, 1.2);	(-11.0, 130.0, 0.0, 1.2);
(-9.0, 130.0, 0.0, 1.2);	(9.0, 130.0, 0.0, 1.2);
(11.0, 130.0, 0.0, 1.2);	(13.0, 130.0, 0.0, 1.2);

01NCRA_NAPA94-300_DPM_TRAV_ANN N-S Bound

(15.0,	130.0,	0.0,	1.2);	(17.0,	130.0,	0.0,	1.2);
(20.0,	130.0,	0.0,	1.2);	(25.0,	130.0,	0.0,	1.2);
(30.0,	130.0,	0.0,	1.2);	(40.0,	130.0,	0.0,	1.2);
(50.0,	130.0,	0.0,	1.2);	(60.0,	130.0,	0.0,	1.2);
(70.0,	130.0,	0.0,	1.2);	(80.0,	130.0,	0.0,	1.2);
(90.0,	130.0,	0.0,	1.2);	(100.0,	130.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	140.0,	0.0,	1.2);	(-90.0,	140.0,	0.0,	1.2);
(-80.0,	140.0,	0.0,	1.2);	(-70.0,	140.0,	0.0,	1.2);
(-60.0,	140.0,	0.0,	1.2);	(-50.0,	140.0,	0.0,	1.2);
(-40.0,	140.0,	0.0,	1.2);	(-30.0,	140.0,	0.0,	1.2);
(-25.0,	140.0,	0.0,	1.2);	(-20.0,	140.0,	0.0,	1.2);
(-17.0,	140.0,	0.0,	1.2);	(-15.0,	140.0,	0.0,	1.2);
(-13.0,	140.0,	0.0,	1.2);	(-11.0,	140.0,	0.0,	1.2);
(-9.0,	140.0,	0.0,	1.2);	(9.0,	140.0,	0.0,	1.2);
(11.0,	140.0,	0.0,	1.2);	(13.0,	140.0,	0.0,	1.2);
(15.0,	140.0,	0.0,	1.2);	(17.0,	140.0,	0.0,	1.2);
(20.0,	140.0,	0.0,	1.2);	(25.0,	140.0,	0.0,	1.2);
(30.0,	140.0,	0.0,	1.2);	(40.0,	140.0,	0.0,	1.2);
(50.0,	140.0,	0.0,	1.2);	(60.0,	140.0,	0.0,	1.2);
(70.0,	140.0,	0.0,	1.2);	(80.0,	140.0,	0.0,	1.2);
(90.0,	140.0,	0.0,	1.2);	(100.0,	140.0,	0.0,	1.2);
(-100.0,	150.0,	0.0,	1.2);	(-90.0,	150.0,	0.0,	1.2);
(-80.0,	150.0,	0.0,	1.2);	(-70.0,	150.0,	0.0,	1.2);
(-60.0,	150.0,	0.0,	1.2);	(-50.0,	150.0,	0.0,	1.2);
(-40.0,	150.0,	0.0,	1.2);	(-30.0,	150.0,	0.0,	1.2);
(-25.0,	150.0,	0.0,	1.2);	(-20.0,	150.0,	0.0,	1.2);
(-17.0,	150.0,	0.0,	1.2);	(-15.0,	150.0,	0.0,	1.2);
(-13.0,	150.0,	0.0,	1.2);	(-11.0,	150.0,	0.0,	1.2);
(-9.0,	150.0,	0.0,	1.2);	(9.0,	150.0,	0.0,	1.2);
(11.0,	150.0,	0.0,	1.2);	(13.0,	150.0,	0.0,	1.2);
(15.0,	150.0,	0.0,	1.2);	(17.0,	150.0,	0.0,	1.2);
(20.0,	150.0,	0.0,	1.2);	(25.0,	150.0,	0.0,	1.2);
(30.0,	150.0,	0.0,	1.2);	(40.0,	150.0,	0.0,	1.2);
(50.0,	150.0,	0.0,	1.2);	(60.0,	150.0,	0.0,	1.2);
(70.0,	150.0,	0.0,	1.2);	(80.0,	150.0,	0.0,	1.2);
(90.0,	150.0,	0.0,	1.2);	(100.0,	150.0,	0.0,	1.2);
(-100.0,	160.0,	0.0,	1.2);	(-90.0,	160.0,	0.0,	1.2);

01NCRA_NAPA94-300_DPM_TRAV_ANN N-S Bound

(-80.0,	160.0,	0.0,	1.2);	(-70.0,	160.0,	0.0,	1.2);
(-60.0,	160.0,	0.0,	1.2);	(-50.0,	160.0,	0.0,	1.2);
(-40.0,	160.0,	0.0,	1.2);	(-30.0,	160.0,	0.0,	1.2);
(-25.0,	160.0,	0.0,	1.2);	(-20.0,	160.0,	0.0,	1.2);
(-17.0,	160.0,	0.0,	1.2);	(-15.0,	160.0,	0.0,	1.2);
(-13.0,	160.0,	0.0,	1.2);	(-11.0,	160.0,	0.0,	1.2);
(-9.0,	160.0,	0.0,	1.2);	(9.0,	160.0,	0.0,	1.2);
(11.0,	160.0,	0.0,	1.2);	(13.0,	160.0,	0.0,	1.2);
(15.0,	160.0,	0.0,	1.2);	(17.0,	160.0,	0.0,	1.2);
(20.0,	160.0,	0.0,	1.2);	(25.0,	160.0,	0.0,	1.2);
(30.0,	160.0,	0.0,	1.2);	(40.0,	160.0,	0.0,	1.2);
(50.0,	160.0,	0.0,	1.2);	(60.0,	160.0,	0.0,	1.2);
(70.0,	160.0,	0.0,	1.2);	(80.0,	160.0,	0.0,	1.2);
(90.0,	160.0,	0.0,	1.2);	(100.0,	160.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	170.0,	0.0,	1.2);	(-90.0,	170.0,	0.0,	1.2);
(-80.0,	170.0,	0.0,	1.2);	(-70.0,	170.0,	0.0,	1.2);
(-60.0,	170.0,	0.0,	1.2);	(-50.0,	170.0,	0.0,	1.2);
(-40.0,	170.0,	0.0,	1.2);	(-30.0,	170.0,	0.0,	1.2);
(-25.0,	170.0,	0.0,	1.2);	(-20.0,	170.0,	0.0,	1.2);
(-17.0,	170.0,	0.0,	1.2);	(-15.0,	170.0,	0.0,	1.2);
(-13.0,	170.0,	0.0,	1.2);	(-11.0,	170.0,	0.0,	1.2);
(-9.0,	170.0,	0.0,	1.2);	(9.0,	170.0,	0.0,	1.2);
(11.0,	170.0,	0.0,	1.2);	(13.0,	170.0,	0.0,	1.2);
(15.0,	170.0,	0.0,	1.2);	(17.0,	170.0,	0.0,	1.2);
(20.0,	170.0,	0.0,	1.2);	(25.0,	170.0,	0.0,	1.2);
(30.0,	170.0,	0.0,	1.2);	(40.0,	170.0,	0.0,	1.2);
(50.0,	170.0,	0.0,	1.2);	(60.0,	170.0,	0.0,	1.2);
(70.0,	170.0,	0.0,	1.2);	(80.0,	170.0,	0.0,	1.2);
(90.0,	170.0,	0.0,	1.2);	(100.0,	170.0,	0.0,	1.2);
(-100.0,	180.0,	0.0,	1.2);	(-90.0,	180.0,	0.0,	1.2);
(-80.0,	180.0,	0.0,	1.2);	(-70.0,	180.0,	0.0,	1.2);
(-60.0,	180.0,	0.0,	1.2);	(-50.0,	180.0,	0.0,	1.2);
(-40.0,	180.0,	0.0,	1.2);	(-30.0,	180.0,	0.0,	1.2);
(-25.0,	180.0,	0.0,	1.2);	(-20.0,	180.0,	0.0,	1.2);
(-17.0,	180.0,	0.0,	1.2);	(-15.0,	180.0,	0.0,	1.2);
(-13.0,	180.0,	0.0,	1.2);	(-11.0,	180.0,	0.0,	1.2);
(-9.0,	180.0,	0.0,	1.2);	(9.0,	180.0,	0.0,	1.2);

01NCRA_NAPA94-300_DPM_TRAV_ANN N-S Bound

(11.0, 180.0, 0.0, 1.2);	(13.0, 180.0, 0.0, 1.2);
(15.0, 180.0, 0.0, 1.2);	(17.0, 180.0, 0.0, 1.2);
(20.0, 180.0, 0.0, 1.2);	(25.0, 180.0, 0.0, 1.2);
(30.0, 180.0, 0.0, 1.2);	(40.0, 180.0, 0.0, 1.2);
(50.0, 180.0, 0.0, 1.2);	(60.0, 180.0, 0.0, 1.2);
(70.0, 180.0, 0.0, 1.2);	(80.0, 180.0, 0.0, 1.2);
(90.0, 180.0, 0.0, 1.2);	(100.0, 180.0, 0.0, 1.2);
(-100.0, 190.0, 0.0, 1.2);	(-90.0, 190.0, 0.0, 1.2);
(-80.0, 190.0, 0.0, 1.2);	(-70.0, 190.0, 0.0, 1.2);
(-60.0, 190.0, 0.0, 1.2);	(-50.0, 190.0, 0.0, 1.2);
(-40.0, 190.0, 0.0, 1.2);	(-30.0, 190.0, 0.0, 1.2);
(-25.0, 190.0, 0.0, 1.2);	(-20.0, 190.0, 0.0, 1.2);
(-17.0, 190.0, 0.0, 1.2);	(-15.0, 190.0, 0.0, 1.2);
(-13.0, 190.0, 0.0, 1.2);	(-11.0, 190.0, 0.0, 1.2);
(-9.0, 190.0, 0.0, 1.2);	(9.0, 190.0, 0.0, 1.2);
(11.0, 190.0, 0.0, 1.2);	(13.0, 190.0, 0.0, 1.2);
(15.0, 190.0, 0.0, 1.2);	(17.0, 190.0, 0.0, 1.2);
(20.0, 190.0, 0.0, 1.2);	(25.0, 190.0, 0.0, 1.2);
(30.0, 190.0, 0.0, 1.2);	(40.0, 190.0, 0.0, 1.2);
(50.0, 190.0, 0.0, 1.2);	(60.0, 190.0, 0.0, 1.2);
(70.0, 190.0, 0.0, 1.2);	(80.0, 190.0, 0.0, 1.2);
(90.0, 190.0, 0.0, 1.2);	(100.0, 190.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, 200.0, 0.0, 1.2);	(-90.0, 200.0, 0.0, 1.2);
(-80.0, 200.0, 0.0, 1.2);	(-70.0, 200.0, 0.0, 1.2);
(-60.0, 200.0, 0.0, 1.2);	(-50.0, 200.0, 0.0, 1.2);
(-40.0, 200.0, 0.0, 1.2);	(-30.0, 200.0, 0.0, 1.2);
(-25.0, 200.0, 0.0, 1.2);	(-20.0, 200.0, 0.0, 1.2);
(-17.0, 200.0, 0.0, 1.2);	(-15.0, 200.0, 0.0, 1.2);
(-13.0, 200.0, 0.0, 1.2);	(-11.0, 200.0, 0.0, 1.2);
(-9.0, 200.0, 0.0, 1.2);	(9.0, 200.0, 0.0, 1.2);
(11.0, 200.0, 0.0, 1.2);	(13.0, 200.0, 0.0, 1.2);
(15.0, 200.0, 0.0, 1.2);	(17.0, 200.0, 0.0, 1.2);
(20.0, 200.0, 0.0, 1.2);	(25.0, 200.0, 0.0, 1.2);
(30.0, 200.0, 0.0, 1.2);	(40.0, 200.0, 0.0, 1.2);
(50.0, 200.0, 0.0, 1.2);	(60.0, 200.0, 0.0, 1.2);
(70.0, 200.0, 0.0, 1.2);	(80.0, 200.0, 0.0, 1.2);
(90.0, 200.0, 0.0, 1.2);	(100.0, 200.0, 0.0, 1.2);

01NCRA_NAPA94-300_DPM_TRAV_ANN N-S Bound

(-100.0,	210.0,	0.0,	1.2);	(-90.0,	210.0,	0.0,	1.2);
(-80.0,	210.0,	0.0,	1.2);	(-70.0,	210.0,	0.0,	1.2);
(-60.0,	210.0,	0.0,	1.2);	(-50.0,	210.0,	0.0,	1.2);
(-40.0,	210.0,	0.0,	1.2);	(-30.0,	210.0,	0.0,	1.2);
(-25.0,	210.0,	0.0,	1.2);	(-20.0,	210.0,	0.0,	1.2);
(-17.0,	210.0,	0.0,	1.2);	(-15.0,	210.0,	0.0,	1.2);
(-13.0,	210.0,	0.0,	1.2);	(-11.0,	210.0,	0.0,	1.2);
(-9.0,	210.0,	0.0,	1.2);	(9.0,	210.0,	0.0,	1.2);
(11.0,	210.0,	0.0,	1.2);	(13.0,	210.0,	0.0,	1.2);
(15.0,	210.0,	0.0,	1.2);	(17.0,	210.0,	0.0,	1.2);
(20.0,	210.0,	0.0,	1.2);	(25.0,	210.0,	0.0,	1.2);
(30.0,	210.0,	0.0,	1.2);	(40.0,	210.0,	0.0,	1.2);
(50.0,	210.0,	0.0,	1.2);	(60.0,	210.0,	0.0,	1.2);
(70.0,	210.0,	0.0,	1.2);	(80.0,	210.0,	0.0,	1.2);
(90.0,	210.0,	0.0,	1.2);	(100.0,	210.0,	0.0,	1.2);
(-100.0,	220.0,	0.0,	1.2);	(-90.0,	220.0,	0.0,	1.2);
(-80.0,	220.0,	0.0,	1.2);	(-70.0,	220.0,	0.0,	1.2);
(-60.0,	220.0,	0.0,	1.2);	(-50.0,	220.0,	0.0,	1.2);
(-40.0,	220.0,	0.0,	1.2);	(-30.0,	220.0,	0.0,	1.2);
(-25.0,	220.0,	0.0,	1.2);	(-20.0,	220.0,	0.0,	1.2);
(-17.0,	220.0,	0.0,	1.2);	(-15.0,	220.0,	0.0,	1.2);
(-13.0,	220.0,	0.0,	1.2);	(-11.0,	220.0,	0.0,	1.2);
(-9.0,	220.0,	0.0,	1.2);	(9.0,	220.0,	0.0,	1.2);
(11.0,	220.0,	0.0,	1.2);	(13.0,	220.0,	0.0,	1.2);
(15.0,	220.0,	0.0,	1.2);	(17.0,	220.0,	0.0,	1.2);
(20.0,	220.0,	0.0,	1.2);	(25.0,	220.0,	0.0,	1.2);
(30.0,	220.0,	0.0,	1.2);	(40.0,	220.0,	0.0,	1.2);
(50.0,	220.0,	0.0,	1.2);	(60.0,	220.0,	0.0,	1.2);
(70.0,	220.0,	0.0,	1.2);	(80.0,	220.0,	0.0,	1.2);
(90.0,	220.0,	0.0,	1.2);	(100.0,	220.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	230.0,	0.0,	1.2);	(-90.0,	230.0,	0.0,	1.2);
(-80.0,	230.0,	0.0,	1.2);	(-70.0,	230.0,	0.0,	1.2);
(-60.0,	230.0,	0.0,	1.2);	(-50.0,	230.0,	0.0,	1.2);
(-40.0,	230.0,	0.0,	1.2);	(-30.0,	230.0,	0.0,	1.2);
(-25.0,	230.0,	0.0,	1.2);	(-20.0,	230.0,	0.0,	1.2);
(-17.0,	230.0,	0.0,	1.2);	(-15.0,	230.0,	0.0,	1.2);
(-13.0,	230.0,	0.0,	1.2);	(-11.0,	230.0,	0.0,	1.2);

01NCRA_NAPA94-300_DPM_TRAV_ANN N-S Bound

(-9.0, 230.0, 0.0, 1.2);	(9.0, 230.0, 0.0, 1.2);
(11.0, 230.0, 0.0, 1.2);	(13.0, 230.0, 0.0, 1.2);
(15.0, 230.0, 0.0, 1.2);	(17.0, 230.0, 0.0, 1.2);
(20.0, 230.0, 0.0, 1.2);	(25.0, 230.0, 0.0, 1.2);
(30.0, 230.0, 0.0, 1.2);	(40.0, 230.0, 0.0, 1.2);
(50.0, 230.0, 0.0, 1.2);	(60.0, 230.0, 0.0, 1.2);
(70.0, 230.0, 0.0, 1.2);	(80.0, 230.0, 0.0, 1.2);
(90.0, 230.0, 0.0, 1.2);	(100.0, 230.0, 0.0, 1.2);
(-100.0, 240.0, 0.0, 1.2);	(-90.0, 240.0, 0.0, 1.2);
(-80.0, 240.0, 0.0, 1.2);	(-70.0, 240.0, 0.0, 1.2);
(-60.0, 240.0, 0.0, 1.2);	(-50.0, 240.0, 0.0, 1.2);
(-40.0, 240.0, 0.0, 1.2);	(-30.0, 240.0, 0.0, 1.2);
(-25.0, 240.0, 0.0, 1.2);	(-20.0, 240.0, 0.0, 1.2);
(-17.0, 240.0, 0.0, 1.2);	(-15.0, 240.0, 0.0, 1.2);
(-13.0, 240.0, 0.0, 1.2);	(-11.0, 240.0, 0.0, 1.2);
(-9.0, 240.0, 0.0, 1.2);	(9.0, 240.0, 0.0, 1.2);
(11.0, 240.0, 0.0, 1.2);	(13.0, 240.0, 0.0, 1.2);
(15.0, 240.0, 0.0, 1.2);	(17.0, 240.0, 0.0, 1.2);
(20.0, 240.0, 0.0, 1.2);	(25.0, 240.0, 0.0, 1.2);
(30.0, 240.0, 0.0, 1.2);	(40.0, 240.0, 0.0, 1.2);
(50.0, 240.0, 0.0, 1.2);	(60.0, 240.0, 0.0, 1.2);
(70.0, 240.0, 0.0, 1.2);	(80.0, 240.0, 0.0, 1.2);
(90.0, 240.0, 0.0, 1.2);	(100.0, 240.0, 0.0, 1.2);
(-100.0, 250.0, 0.0, 1.2);	(-90.0, 250.0, 0.0, 1.2);
(-80.0, 250.0, 0.0, 1.2);	(-70.0, 250.0, 0.0, 1.2);
(-60.0, 250.0, 0.0, 1.2);	(-50.0, 250.0, 0.0, 1.2);
(-40.0, 250.0, 0.0, 1.2);	(-30.0, 250.0, 0.0, 1.2);
(-25.0, 250.0, 0.0, 1.2);	(-20.0, 250.0, 0.0, 1.2);
(-17.0, 250.0, 0.0, 1.2);	(-15.0, 250.0, 0.0, 1.2);
(-13.0, 250.0, 0.0, 1.2);	(-11.0, 250.0, 0.0, 1.2);
(-9.0, 250.0, 0.0, 1.2);	(9.0, 250.0, 0.0, 1.2);
(11.0, 250.0, 0.0, 1.2);	(13.0, 250.0, 0.0, 1.2);
(15.0, 250.0, 0.0, 1.2);	(17.0, 250.0, 0.0, 1.2);
(20.0, 250.0, 0.0, 1.2);	(25.0, 250.0, 0.0, 1.2);
(30.0, 250.0, 0.0, 1.2);	(40.0, 250.0, 0.0, 1.2);
(50.0, 250.0, 0.0, 1.2);	(60.0, 250.0, 0.0, 1.2);
(70.0, 250.0, 0.0, 1.2);	(80.0, 250.0, 0.0, 1.2);
(90.0, 250.0, 0.0, 1.2);	(100.0, 250.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
 (1=YES; 0=NO)

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
94	01	01	01	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	02	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	03	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	04	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	05	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	06	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	07	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	08	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	09	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	10	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	11	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	12	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	13	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	14	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	15	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	16	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	17	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	18	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	19	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	20	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	21	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	22	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	23	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	24	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:
PAGE 23

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00013	-90.00	-250.00	0.00013
-80.00	-250.00	0.00012	-70.00	-250.00	0.00012
-60.00	-250.00	0.00012	-50.00	-250.00	0.00011
-40.00	-250.00	0.00011	-30.00	-250.00	0.00011
-25.00	-250.00	0.00010	-20.00	-250.00	0.00010
-17.00	-250.00	0.00010	-15.00	-250.00	0.00010
-13.00	-250.00	0.00010	-11.00	-250.00	0.00010
-9.00	-250.00	0.00010	9.00	-250.00	0.00009
11.00	-250.00	0.00009	13.00	-250.00	0.00009
15.00	-250.00	0.00009	17.00	-250.00	0.00009
20.00	-250.00	0.00009	25.00	-250.00	0.00009
30.00	-250.00	0.00008	40.00	-250.00	0.00008
50.00	-250.00	0.00008	60.00	-250.00	0.00008
70.00	-250.00	0.00007	80.00	-250.00	0.00007
90.00	-250.00	0.00007	100.00	-250.00	0.00006
-100.00	-240.00	0.00014	-90.00	-240.00	0.00013
-80.00	-240.00	0.00013	-70.00	-240.00	0.00013

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-60.00	-240.00	0.00012	-50.00	-240.00	0.00012
-40.00	-240.00	0.00011	-30.00	-240.00	0.00011
-25.00	-240.00	0.00011	-20.00	-240.00	0.00011
-17.00	-240.00	0.00011	-15.00	-240.00	0.00010
-13.00	-240.00	0.00010	-11.00	-240.00	0.00010
-9.00	-240.00	0.00010	9.00	-240.00	0.00010
11.00	-240.00	0.00009	13.00	-240.00	0.00009
15.00	-240.00	0.00009	17.00	-240.00	0.00009
20.00	-240.00	0.00009	25.00	-240.00	0.00009
30.00	-240.00	0.00009	40.00	-240.00	0.00008
50.00	-240.00	0.00008	60.00	-240.00	0.00008
70.00	-240.00	0.00008	80.00	-240.00	0.00007
90.00	-240.00	0.00007	100.00	-240.00	0.00007
-100.00	-230.00	0.00014	-90.00	-230.00	0.00014
-80.00	-230.00	0.00014	-70.00	-230.00	0.00013
-60.00	-230.00	0.00013	-50.00	-230.00	0.00012
-40.00	-230.00	0.00012	-30.00	-230.00	0.00012
-25.00	-230.00	0.00011	-20.00	-230.00	0.00011
-17.00	-230.00	0.00011	-15.00	-230.00	0.00011
-13.00	-230.00	0.00011	-11.00	-230.00	0.00011
-9.00	-230.00	0.00011	9.00	-230.00	0.00010
11.00	-230.00	0.00010	13.00	-230.00	0.00010
15.00	-230.00	0.00010	17.00	-230.00	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTS:
 PAGE 24

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00010	25.00	-230.00	0.00009
30.00	-230.00	0.00009	40.00	-230.00	0.00009
50.00	-230.00	0.00008	60.00	-230.00	0.00008
70.00	-230.00	0.00008	80.00	-230.00	0.00008
90.00	-230.00	0.00007	100.00	-230.00	0.00007
-100.00	-220.00	0.00015	-90.00	-220.00	0.00015
-80.00	-220.00	0.00014	-70.00	-220.00	0.00014
-60.00	-220.00	0.00014	-50.00	-220.00	0.00013
-40.00	-220.00	0.00013	-30.00	-220.00	0.00012
-25.00	-220.00	0.00012	-20.00	-220.00	0.00012
-17.00	-220.00	0.00012	-15.00	-220.00	0.00011

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-13.00	-220.00	0.00011	-11.00	-220.00	0.00011
-9.00	-220.00	0.00011	9.00	-220.00	0.00010
11.00	-220.00	0.00010	13.00	-220.00	0.00010
15.00	-220.00	0.00010	17.00	-220.00	0.00010
20.00	-220.00	0.00010	25.00	-220.00	0.00010
30.00	-220.00	0.00010	40.00	-220.00	0.00009
50.00	-220.00	0.00009	60.00	-220.00	0.00008
70.00	-220.00	0.00008	80.00	-220.00	0.00008
90.00	-220.00	0.00007	100.00	-220.00	0.00007
-100.00	-210.00	0.00016	-90.00	-210.00	0.00015
-80.00	-210.00	0.00015	-70.00	-210.00	0.00015
-60.00	-210.00	0.00014	-50.00	-210.00	0.00014
-40.00	-210.00	0.00013	-30.00	-210.00	0.00013
-25.00	-210.00	0.00013	-20.00	-210.00	0.00012
-17.00	-210.00	0.00012	-15.00	-210.00	0.00012
-13.00	-210.00	0.00012	-11.00	-210.00	0.00012
-9.00	-210.00	0.00012	9.00	-210.00	0.00011
11.00	-210.00	0.00011	13.00	-210.00	0.00011
15.00	-210.00	0.00011	17.00	-210.00	0.00011
20.00	-210.00	0.00010	25.00	-210.00	0.00010
30.00	-210.00	0.00010	40.00	-210.00	0.00010
50.00	-210.00	0.00009	60.00	-210.00	0.00009
70.00	-210.00	0.00008	80.00	-210.00	0.00008
90.00	-210.00	0.00008	100.00	-210.00	0.00007
-100.00	-200.00	0.00017	-90.00	-200.00	0.00016
-80.00	-200.00	0.00016	-70.00	-200.00	0.00015
-60.00	-200.00	0.00015	-50.00	-200.00	0.00014
-40.00	-200.00	0.00014	-30.00	-200.00	0.00013
-25.00	-200.00	0.00013	-20.00	-200.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTS:
 PAGE 25

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00013	-15.00	-200.00	0.00013
-13.00	-200.00	0.00013	-11.00	-200.00	0.00012
-9.00	-200.00	0.00012	9.00	-200.00	0.00011
11.00	-200.00	0.00011	13.00	-200.00	0.00011
15.00	-200.00	0.00011	17.00	-200.00	0.00011

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

20.00	-200.00	0.00011	25.00	-200.00	0.00011
30.00	-200.00	0.00010	40.00	-200.00	0.00010
50.00	-200.00	0.00010	60.00	-200.00	0.00009
70.00	-200.00	0.00009	80.00	-200.00	0.00008
90.00	-200.00	0.00008	100.00	-200.00	0.00008
-100.00	-190.00	0.00018	-90.00	-190.00	0.00017
-80.00	-190.00	0.00017	-70.00	-190.00	0.00016
-60.00	-190.00	0.00016	-50.00	-190.00	0.00015
-40.00	-190.00	0.00015	-30.00	-190.00	0.00014
-25.00	-190.00	0.00014	-20.00	-190.00	0.00014
-17.00	-190.00	0.00013	-15.00	-190.00	0.00013
-13.00	-190.00	0.00013	-11.00	-190.00	0.00013
-9.00	-190.00	0.00013	9.00	-190.00	0.00012
11.00	-190.00	0.00012	13.00	-190.00	0.00012
15.00	-190.00	0.00012	17.00	-190.00	0.00012
20.00	-190.00	0.00011	25.00	-190.00	0.00011
30.00	-190.00	0.00011	40.00	-190.00	0.00010
50.00	-190.00	0.00010	60.00	-190.00	0.00010
70.00	-190.00	0.00009	80.00	-190.00	0.00009
90.00	-190.00	0.00008	100.00	-190.00	0.00008
-100.00	-180.00	0.00018	-90.00	-180.00	0.00018
-80.00	-180.00	0.00018	-70.00	-180.00	0.00017
-60.00	-180.00	0.00017	-50.00	-180.00	0.00016
-40.00	-180.00	0.00016	-30.00	-180.00	0.00015
-25.00	-180.00	0.00015	-20.00	-180.00	0.00014
-17.00	-180.00	0.00014	-15.00	-180.00	0.00014
-13.00	-180.00	0.00014	-11.00	-180.00	0.00014
-9.00	-180.00	0.00014	9.00	-180.00	0.00013
11.00	-180.00	0.00012	13.00	-180.00	0.00012
15.00	-180.00	0.00012	17.00	-180.00	0.00012
20.00	-180.00	0.00012	25.00	-180.00	0.00012
30.00	-180.00	0.00011	40.00	-180.00	0.00011
50.00	-180.00	0.00010	60.00	-180.00	0.00010
70.00	-180.00	0.00010	80.00	-180.00	0.00009
90.00	-180.00	0.00009	100.00	-180.00	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***
 16:18:59
 **MODELOPTS:
 PAGE 26
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00020	-90.00	-170.00	0.00019
-80.00	-170.00	0.00019	-70.00	-170.00	0.00018
-60.00	-170.00	0.00018	-50.00	-170.00	0.00017
-40.00	-170.00	0.00016	-30.00	-170.00	0.00016
-25.00	-170.00	0.00015	-20.00	-170.00	0.00015
-17.00	-170.00	0.00015	-15.00	-170.00	0.00015
-13.00	-170.00	0.00015	-11.00	-170.00	0.00015
-9.00	-170.00	0.00014	9.00	-170.00	0.00013
11.00	-170.00	0.00013	13.00	-170.00	0.00013
15.00	-170.00	0.00013	17.00	-170.00	0.00013
20.00	-170.00	0.00013	25.00	-170.00	0.00012
30.00	-170.00	0.00012	40.00	-170.00	0.00011
50.00	-170.00	0.00011	60.00	-170.00	0.00010
70.00	-170.00	0.00010	80.00	-170.00	0.00009
90.00	-170.00	0.00009	100.00	-170.00	0.00008
-100.00	-160.00	0.00021	-90.00	-160.00	0.00020
-80.00	-160.00	0.00020	-70.00	-160.00	0.00019
-60.00	-160.00	0.00019	-50.00	-160.00	0.00018
-40.00	-160.00	0.00017	-30.00	-160.00	0.00017
-25.00	-160.00	0.00016	-20.00	-160.00	0.00016
-17.00	-160.00	0.00016	-15.00	-160.00	0.00016
-13.00	-160.00	0.00016	-11.00	-160.00	0.00015
-9.00	-160.00	0.00015	9.00	-160.00	0.00014
11.00	-160.00	0.00014	13.00	-160.00	0.00014
15.00	-160.00	0.00014	17.00	-160.00	0.00013
20.00	-160.00	0.00013	25.00	-160.00	0.00013
30.00	-160.00	0.00013	40.00	-160.00	0.00012
50.00	-160.00	0.00011	60.00	-160.00	0.00011
70.00	-160.00	0.00010	80.00	-160.00	0.00010
90.00	-160.00	0.00009	100.00	-160.00	0.00009
-100.00	-150.00	0.00022	-90.00	-150.00	0.00022
-80.00	-150.00	0.00021	-70.00	-150.00	0.00021
-60.00	-150.00	0.00020	-50.00	-150.00	0.00019
-40.00	-150.00	0.00019	-30.00	-150.00	0.00018
-25.00	-150.00	0.00017	-20.00	-150.00	0.00017
-17.00	-150.00	0.00017	-15.00	-150.00	0.00017
-13.00	-150.00	0.00016	-11.00	-150.00	0.00016
-9.00	-150.00	0.00016	9.00	-150.00	0.00015
11.00	-150.00	0.00015	13.00	-150.00	0.00014
15.00	-150.00	0.00014	17.00	-150.00	0.00014

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:18:59

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00014	25.00	-150.00	0.00014
30.00	-150.00	0.00013	40.00	-150.00	0.00013
50.00	-150.00	0.00012	60.00	-150.00	0.00011
70.00	-150.00	0.00011	80.00	-150.00	0.00010
90.00	-150.00	0.00010	100.00	-150.00	0.00009
-100.00	-140.00	0.00023	-90.00	-140.00	0.00023
-80.00	-140.00	0.00023	-70.00	-140.00	0.00022
-60.00	-140.00	0.00021	-50.00	-140.00	0.00021
-40.00	-140.00	0.00020	-30.00	-140.00	0.00019
-25.00	-140.00	0.00018	-20.00	-140.00	0.00018
-17.00	-140.00	0.00018	-15.00	-140.00	0.00018
-13.00	-140.00	0.00017	-11.00	-140.00	0.00017
-9.00	-140.00	0.00017	9.00	-140.00	0.00016
11.00	-140.00	0.00015	13.00	-140.00	0.00015
15.00	-140.00	0.00015	17.00	-140.00	0.00015
20.00	-140.00	0.00015	25.00	-140.00	0.00014
30.00	-140.00	0.00014	40.00	-140.00	0.00013
50.00	-140.00	0.00013	60.00	-140.00	0.00012
70.00	-140.00	0.00011	80.00	-140.00	0.00011
90.00	-140.00	0.00010	100.00	-140.00	0.00009
-100.00	-130.00	0.00025	-90.00	-130.00	0.00024
-80.00	-130.00	0.00024	-70.00	-130.00	0.00023
-60.00	-130.00	0.00023	-50.00	-130.00	0.00022
-40.00	-130.00	0.00021	-30.00	-130.00	0.00020
-25.00	-130.00	0.00020	-20.00	-130.00	0.00019
-17.00	-130.00	0.00019	-15.00	-130.00	0.00019
-13.00	-130.00	0.00018	-11.00	-130.00	0.00018
-9.00	-130.00	0.00018	9.00	-130.00	0.00016
11.00	-130.00	0.00016	13.00	-130.00	0.00016
15.00	-130.00	0.00016	17.00	-130.00	0.00016
20.00	-130.00	0.00016	25.00	-130.00	0.00015
30.00	-130.00	0.00015	40.00	-130.00	0.00014
50.00	-130.00	0.00013	60.00	-130.00	0.00013
70.00	-130.00	0.00012	80.00	-130.00	0.00011
90.00	-130.00	0.00010	100.00	-130.00	0.00010
-100.00	-120.00	0.00026	-90.00	-120.00	0.00026
-80.00	-120.00	0.00026	-70.00	-120.00	0.00025

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-60.00	-120.00	0.00024	-50.00	-120.00	0.00023
-40.00	-120.00	0.00022	-30.00	-120.00	0.00021
-25.00	-120.00	0.00021	-20.00	-120.00	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

PAGE 28

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00020	-15.00	-120.00	0.00020
-13.00	-120.00	0.00020	-11.00	-120.00	0.00019
-9.00	-120.00	0.00019	9.00	-120.00	0.00017
11.00	-120.00	0.00017	13.00	-120.00	0.00017
15.00	-120.00	0.00017	17.00	-120.00	0.00017
20.00	-120.00	0.00016	25.00	-120.00	0.00016
30.00	-120.00	0.00016	40.00	-120.00	0.00015
50.00	-120.00	0.00014	60.00	-120.00	0.00013
70.00	-120.00	0.00012	80.00	-120.00	0.00012
90.00	-120.00	0.00011	100.00	-120.00	0.00010
-100.00	-110.00	0.00028	-90.00	-110.00	0.00028
-80.00	-110.00	0.00027	-70.00	-110.00	0.00027
-60.00	-110.00	0.00026	-50.00	-110.00	0.00025
-40.00	-110.00	0.00024	-30.00	-110.00	0.00023
-25.00	-110.00	0.00022	-20.00	-110.00	0.00022
-17.00	-110.00	0.00021	-15.00	-110.00	0.00021
-13.00	-110.00	0.00021	-11.00	-110.00	0.00021
-9.00	-110.00	0.00021	9.00	-110.00	0.00019
11.00	-110.00	0.00018	13.00	-110.00	0.00018
15.00	-110.00	0.00018	17.00	-110.00	0.00018
20.00	-110.00	0.00017	25.00	-110.00	0.00017
30.00	-110.00	0.00016	40.00	-110.00	0.00016
50.00	-110.00	0.00015	60.00	-110.00	0.00014
70.00	-110.00	0.00013	80.00	-110.00	0.00012
90.00	-110.00	0.00011	100.00	-110.00	0.00010
-100.00	-100.00	0.00030	-90.00	-100.00	0.00030
-80.00	-100.00	0.00029	-70.00	-100.00	0.00029
-60.00	-100.00	0.00028	-50.00	-100.00	0.00027
-40.00	-100.00	0.00026	-30.00	-100.00	0.00025
-25.00	-100.00	0.00024	-20.00	-100.00	0.00023
-17.00	-100.00	0.00023	-15.00	-100.00	0.00023

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-13.00	-100.00	0.00022	-11.00	-100.00	0.00022
-9.00	-100.00	0.00022	9.00	-100.00	0.00020
11.00	-100.00	0.00020	13.00	-100.00	0.00019
15.00	-100.00	0.00019	17.00	-100.00	0.00019
20.00	-100.00	0.00019	25.00	-100.00	0.00018
30.00	-100.00	0.00017	40.00	-100.00	0.00016
50.00	-100.00	0.00016	60.00	-100.00	0.00015
70.00	-100.00	0.00014	80.00	-100.00	0.00013
90.00	-100.00	0.00012	100.00	-100.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00032	-90.00	-90.00	0.00032
-80.00	-90.00	0.00032	-70.00	-90.00	0.00031
-60.00	-90.00	0.00030	-50.00	-90.00	0.00029
-40.00	-90.00	0.00028	-30.00	-90.00	0.00027
-25.00	-90.00	0.00026	-20.00	-90.00	0.00025
-17.00	-90.00	0.00025	-15.00	-90.00	0.00024
-13.00	-90.00	0.00024	-11.00	-90.00	0.00024
-9.00	-90.00	0.00024	9.00	-90.00	0.00021
11.00	-90.00	0.00021	13.00	-90.00	0.00021
15.00	-90.00	0.00020	17.00	-90.00	0.00020
20.00	-90.00	0.00020	25.00	-90.00	0.00019
30.00	-90.00	0.00019	40.00	-90.00	0.00017
50.00	-90.00	0.00016	60.00	-90.00	0.00015
70.00	-90.00	0.00014	80.00	-90.00	0.00013
90.00	-90.00	0.00012	100.00	-90.00	0.00011
-100.00	-80.00	0.00034	-90.00	-80.00	0.00034
-80.00	-80.00	0.00034	-70.00	-80.00	0.00033
-60.00	-80.00	0.00033	-50.00	-80.00	0.00031
-40.00	-80.00	0.00030	-30.00	-80.00	0.00029
-25.00	-80.00	0.00028	-20.00	-80.00	0.00027
-17.00	-80.00	0.00027	-15.00	-80.00	0.00026
-13.00	-80.00	0.00026	-11.00	-80.00	0.00026
-9.00	-80.00	0.00025	9.00	-80.00	0.00023
11.00	-80.00	0.00022	13.00	-80.00	0.00022
15.00	-80.00	0.00022	17.00	-80.00	0.00021

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

20.00	-80.00	0.00021	25.00	-80.00	0.00020
30.00	-80.00	0.00020	40.00	-80.00	0.00019
50.00	-80.00	0.00017	60.00	-80.00	0.00016
70.00	-80.00	0.00015	80.00	-80.00	0.00014
90.00	-80.00	0.00012	100.00	-80.00	0.00011
-100.00	-70.00	0.00036	-90.00	-70.00	0.00037
-80.00	-70.00	0.00037	-70.00	-70.00	0.00036
-60.00	-70.00	0.00035	-50.00	-70.00	0.00034
-40.00	-70.00	0.00033	-30.00	-70.00	0.00031
-25.00	-70.00	0.00030	-20.00	-70.00	0.00029
-17.00	-70.00	0.00029	-15.00	-70.00	0.00028
-13.00	-70.00	0.00028	-11.00	-70.00	0.00028
-9.00	-70.00	0.00027	9.00	-70.00	0.00024
11.00	-70.00	0.00024	13.00	-70.00	0.00024
15.00	-70.00	0.00023	17.00	-70.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00023	25.00	-70.00	0.00022
30.00	-70.00	0.00021	40.00	-70.00	0.00020
50.00	-70.00	0.00018	60.00	-70.00	0.00017
70.00	-70.00	0.00016	80.00	-70.00	0.00014
90.00	-70.00	0.00013	100.00	-70.00	0.00012
-100.00	-60.00	0.00039	-90.00	-60.00	0.00039
-80.00	-60.00	0.00040	-70.00	-60.00	0.00039
-60.00	-60.00	0.00038	-50.00	-60.00	0.00037
-40.00	-60.00	0.00035	-30.00	-60.00	0.00034
-25.00	-60.00	0.00033	-20.00	-60.00	0.00032
-17.00	-60.00	0.00031	-15.00	-60.00	0.00031
-13.00	-60.00	0.00030	-11.00	-60.00	0.00030
-9.00	-60.00	0.00030	9.00	-60.00	0.00026
11.00	-60.00	0.00026	13.00	-60.00	0.00025
15.00	-60.00	0.00025	17.00	-60.00	0.00025
20.00	-60.00	0.00024	25.00	-60.00	0.00023
30.00	-60.00	0.00023	40.00	-60.00	0.00021
50.00	-60.00	0.00019	60.00	-60.00	0.00018
70.00	-60.00	0.00016	80.00	-60.00	0.00015

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

90.00	-60.00	0.00014	100.00	-60.00	0.00012
-100.00	-50.00	0.00041	-90.00	-50.00	0.00042
-80.00	-50.00	0.00043	-70.00	-50.00	0.00043
-60.00	-50.00	0.00042	-50.00	-50.00	0.00041
-40.00	-50.00	0.00039	-30.00	-50.00	0.00037
-25.00	-50.00	0.00036	-20.00	-50.00	0.00035
-17.00	-50.00	0.00034	-15.00	-50.00	0.00033
-13.00	-50.00	0.00033	-11.00	-50.00	0.00033
-9.00	-50.00	0.00032	9.00	-50.00	0.00028
11.00	-50.00	0.00028	13.00	-50.00	0.00027
15.00	-50.00	0.00027	17.00	-50.00	0.00027
20.00	-50.00	0.00026	25.00	-50.00	0.00025
30.00	-50.00	0.00024	40.00	-50.00	0.00022
50.00	-50.00	0.00021	60.00	-50.00	0.00019
70.00	-50.00	0.00017	80.00	-50.00	0.00016
90.00	-50.00	0.00014	100.00	-50.00	0.00013
-100.00	-40.00	0.00044	-90.00	-40.00	0.00046
-80.00	-40.00	0.00046	-70.00	-40.00	0.00046
-60.00	-40.00	0.00046	-50.00	-40.00	0.00044
-40.00	-40.00	0.00042	-30.00	-40.00	0.00040
-25.00	-40.00	0.00039	-20.00	-40.00	0.00038

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

PAGE 31

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00037	-15.00	-40.00	0.00036
-13.00	-40.00	0.00036	-11.00	-40.00	0.00035
-9.00	-40.00	0.00035	9.00	-40.00	0.00030
11.00	-40.00	0.00030	13.00	-40.00	0.00030
15.00	-40.00	0.00029	17.00	-40.00	0.00029
20.00	-40.00	0.00028	25.00	-40.00	0.00027
30.00	-40.00	0.00026	40.00	-40.00	0.00024
50.00	-40.00	0.00022	60.00	-40.00	0.00020
70.00	-40.00	0.00018	80.00	-40.00	0.00016
90.00	-40.00	0.00015	100.00	-40.00	0.00013
-100.00	-30.00	0.00048	-90.00	-30.00	0.00049
-80.00	-30.00	0.00050	-70.00	-30.00	0.00051
-60.00	-30.00	0.00050	-50.00	-30.00	0.00049

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-40.00	-30.00	0.00047	-30.00	-30.00	0.00044
-25.00	-30.00	0.00043	-20.00	-30.00	0.00041
-17.00	-30.00	0.00041	-15.00	-30.00	0.00040
-13.00	-30.00	0.00039	-11.00	-30.00	0.00039
-9.00	-30.00	0.00038	9.00	-30.00	0.00033
11.00	-30.00	0.00033	13.00	-30.00	0.00032
15.00	-30.00	0.00032	17.00	-30.00	0.00031
20.00	-30.00	0.00030	25.00	-30.00	0.00029
30.00	-30.00	0.00028	40.00	-30.00	0.00026
50.00	-30.00	0.00023	60.00	-30.00	0.00021
70.00	-30.00	0.00019	80.00	-30.00	0.00017
90.00	-30.00	0.00015	100.00	-30.00	0.00014
-100.00	-20.00	0.00051	-90.00	-20.00	0.00053
-80.00	-20.00	0.00054	-70.00	-20.00	0.00055
-60.00	-20.00	0.00055	-50.00	-20.00	0.00054
-40.00	-20.00	0.00052	-30.00	-20.00	0.00049
-25.00	-20.00	0.00047	-20.00	-20.00	0.00046
-17.00	-20.00	0.00045	-15.00	-20.00	0.00044
-13.00	-20.00	0.00043	-11.00	-20.00	0.00043
-9.00	-20.00	0.00042	9.00	-20.00	0.00036
11.00	-20.00	0.00036	13.00	-20.00	0.00035
15.00	-20.00	0.00034	17.00	-20.00	0.00034
20.00	-20.00	0.00033	25.00	-20.00	0.00032
30.00	-20.00	0.00030	40.00	-20.00	0.00028
50.00	-20.00	0.00025	60.00	-20.00	0.00022
70.00	-20.00	0.00020	80.00	-20.00	0.00018
90.00	-20.00	0.00016	100.00	-20.00	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
 PAGE 32

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00055	-90.00	-10.00	0.00057
-80.00	-10.00	0.00059	-70.00	-10.00	0.00060
-60.00	-10.00	0.00061	-50.00	-10.00	0.00060
-40.00	-10.00	0.00058	-30.00	-10.00	0.00054
-25.00	-10.00	0.00053	-20.00	-10.00	0.00051
-17.00	-10.00	0.00050	-15.00	-10.00	0.00049
-13.00	-10.00	0.00048	-11.00	-10.00	0.00047

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-9.00	-10.00	0.00046	9.00	-10.00	0.00040
11.00	-10.00	0.00039	13.00	-10.00	0.00038
15.00	-10.00	0.00038	17.00	-10.00	0.00037
20.00	-10.00	0.00036	25.00	-10.00	0.00034
30.00	-10.00	0.00033	40.00	-10.00	0.00030
50.00	-10.00	0.00027	60.00	-10.00	0.00024
70.00	-10.00	0.00021	80.00	-10.00	0.00019
90.00	-10.00	0.00017	100.00	-10.00	0.00015
-100.00	0.00	0.00059	-90.00	0.00	0.00062
-80.00	0.00	0.00064	-70.00	0.00	0.00066
-60.00	0.00	0.00067	-50.00	0.00	0.00067
-40.00	0.00	0.00064	-30.00	0.00	0.00061
-25.00	0.00	0.00059	-20.00	0.00	0.00057
-17.00	0.00	0.00055	-15.00	0.00	0.00054
-13.00	0.00	0.00053	-11.00	0.00	0.00053
-9.00	0.00	0.00052	9.00	0.00	0.00044
11.00	0.00	0.00043	13.00	0.00	0.00042
15.00	0.00	0.00041	17.00	0.00	0.00040
20.00	0.00	0.00039	25.00	0.00	0.00037
30.00	0.00	0.00036	40.00	0.00	0.00032
50.00	0.00	0.00028	60.00	0.00	0.00025
70.00	0.00	0.00022	80.00	0.00	0.00020
90.00	0.00	0.00018	100.00	0.00	0.00016
-100.00	10.00	0.00063	-90.00	10.00	0.00067
-80.00	10.00	0.00070	-70.00	10.00	0.00073
-60.00	10.00	0.00074	-50.00	10.00	0.00074
-40.00	10.00	0.00072	-30.00	10.00	0.00068
-25.00	10.00	0.00066	-20.00	10.00	0.00064
-17.00	10.00	0.00062	-15.00	10.00	0.00061
-13.00	10.00	0.00060	-11.00	10.00	0.00059
-9.00	10.00	0.00058	9.00	10.00	0.00048
11.00	10.00	0.00047	13.00	10.00	0.00046
15.00	10.00	0.00045	17.00	10.00	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
 PAGE 33
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00043	25.00	10.00	0.00041

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

30.00	10.00	0.00039	40.00	10.00	0.00035
50.00	10.00	0.00030	60.00	10.00	0.00027
70.00	10.00	0.00023	80.00	10.00	0.00021
90.00	10.00	0.00019	100.00	10.00	0.00017
-100.00	20.00	0.00068	-90.00	20.00	0.00072
-80.00	20.00	0.00077	-70.00	20.00	0.00080
-60.00	20.00	0.00083	-50.00	20.00	0.00083
-40.00	20.00	0.00082	-30.00	20.00	0.00078
-25.00	20.00	0.00075	-20.00	20.00	0.00072
-17.00	20.00	0.00070	-15.00	20.00	0.00069
-13.00	20.00	0.00068	-11.00	20.00	0.00066
-9.00	20.00	0.00065	9.00	20.00	0.00054
11.00	20.00	0.00052	13.00	20.00	0.00051
15.00	20.00	0.00050	17.00	20.00	0.00049
20.00	20.00	0.00048	25.00	20.00	0.00045
30.00	20.00	0.00042	40.00	20.00	0.00037
50.00	20.00	0.00032	60.00	20.00	0.00028
70.00	20.00	0.00025	80.00	20.00	0.00022
90.00	20.00	0.00020	100.00	20.00	0.00018
-100.00	30.00	0.00073	-90.00	30.00	0.00078
-80.00	30.00	0.00084	-70.00	30.00	0.00088
-60.00	30.00	0.00092	-50.00	30.00	0.00094
-40.00	30.00	0.00093	-30.00	30.00	0.00089
-25.00	30.00	0.00086	-20.00	30.00	0.00082
-17.00	30.00	0.00080	-15.00	30.00	0.00078
-13.00	30.00	0.00077	-11.00	30.00	0.00075
-9.00	30.00	0.00074	9.00	30.00	0.00060
11.00	30.00	0.00059	13.00	30.00	0.00057
15.00	30.00	0.00056	17.00	30.00	0.00055
20.00	30.00	0.00053	25.00	30.00	0.00050
30.00	30.00	0.00047	40.00	30.00	0.00040
50.00	30.00	0.00035	60.00	30.00	0.00030
70.00	30.00	0.00026	80.00	30.00	0.00023
90.00	30.00	0.00021	100.00	30.00	0.00019
-100.00	40.00	0.00079	-90.00	40.00	0.00085
-80.00	40.00	0.00091	-70.00	40.00	0.00097
-60.00	40.00	0.00102	-50.00	40.00	0.00106
-40.00	40.00	0.00106	-30.00	40.00	0.00102
-25.00	40.00	0.00099	-20.00	40.00	0.00095

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:18:59

**MODELOPTs:

PAGE 34

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00092	-15.00	40.00	0.00090
-13.00	40.00	0.00088	-11.00	40.00	0.00086
-9.00	40.00	0.00084	9.00	40.00	0.00067
11.00	40.00	0.00066	13.00	40.00	0.00064
15.00	40.00	0.00063	17.00	40.00	0.00061
20.00	40.00	0.00059	25.00	40.00	0.00055
30.00	40.00	0.00051	40.00	40.00	0.00044
50.00	40.00	0.00037	60.00	40.00	0.00032
70.00	40.00	0.00028	80.00	40.00	0.00025
90.00	40.00	0.00022	100.00	40.00	0.00020
-100.00	50.00	0.00084	-90.00	50.00	0.00092
-80.00	50.00	0.00099	-70.00	50.00	0.00107
-60.00	50.00	0.00114	-50.00	50.00	0.00120
-40.00	50.00	0.00122	-30.00	50.00	0.00119
-25.00	50.00	0.00115	-20.00	50.00	0.00110
-17.00	50.00	0.00107	-15.00	50.00	0.00105
-13.00	50.00	0.00102	-11.00	50.00	0.00100
-9.00	50.00	0.00097	9.00	50.00	0.00076
11.00	50.00	0.00074	13.00	50.00	0.00072
15.00	50.00	0.00070	17.00	50.00	0.00069
20.00	50.00	0.00066	25.00	50.00	0.00061
30.00	50.00	0.00056	40.00	50.00	0.00047
50.00	50.00	0.00040	60.00	50.00	0.00034
70.00	50.00	0.00030	80.00	50.00	0.00027
90.00	50.00	0.00024	100.00	50.00	0.00021
-100.00	60.00	0.00090	-90.00	60.00	0.00099
-80.00	60.00	0.00108	-70.00	60.00	0.00118
-60.00	60.00	0.00127	-50.00	60.00	0.00135
-40.00	60.00	0.00140	-30.00	60.00	0.00139
-25.00	60.00	0.00135	-20.00	60.00	0.00130
-17.00	60.00	0.00126	-15.00	60.00	0.00123
-13.00	60.00	0.00120	-11.00	60.00	0.00117
-9.00	60.00	0.00114	9.00	60.00	0.00087
11.00	60.00	0.00085	13.00	60.00	0.00082
15.00	60.00	0.00080	17.00	60.00	0.00077
20.00	60.00	0.00074	25.00	60.00	0.00067
30.00	60.00	0.00062	40.00	60.00	0.00051
50.00	60.00	0.00043	60.00	60.00	0.00037
70.00	60.00	0.00032	80.00	60.00	0.00028

90.00 60.00 0.00025 100.00 60.00 0.00022

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00095	-90.00	70.00	0.00106
-80.00	70.00	0.00117	-70.00	70.00	0.00129
-60.00	70.00	0.00142	-50.00	70.00	0.00153
-40.00	70.00	0.00161	-30.00	70.00	0.00163
-25.00	70.00	0.00160	-20.00	70.00	0.00154
-17.00	70.00	0.00150	-15.00	70.00	0.00146
-13.00	70.00	0.00143	-11.00	70.00	0.00139
-9.00	70.00	0.00135	9.00	70.00	0.00100
11.00	70.00	0.00097	13.00	70.00	0.00094
15.00	70.00	0.00091	17.00	70.00	0.00087
20.00	70.00	0.00083	25.00	70.00	0.00075
30.00	70.00	0.00068	40.00	70.00	0.00055
50.00	70.00	0.00046	60.00	70.00	0.00040
70.00	70.00	0.00034	80.00	70.00	0.00030
90.00	70.00	0.00026	100.00	70.00	0.00022
-100.00	80.00	0.00100	-90.00	80.00	0.00112
-80.00	80.00	0.00126	-70.00	80.00	0.00141
-60.00	80.00	0.00157	-50.00	80.00	0.00173
-40.00	80.00	0.00186	-30.00	80.00	0.00192
-25.00	80.00	0.00191	-20.00	80.00	0.00186
-17.00	80.00	0.00181	-15.00	80.00	0.00177
-13.00	80.00	0.00172	-11.00	80.00	0.00167
-9.00	80.00	0.00162	9.00	80.00	0.00116
11.00	80.00	0.00112	13.00	80.00	0.00108
15.00	80.00	0.00103	17.00	80.00	0.00099
20.00	80.00	0.00093	25.00	80.00	0.00083
30.00	80.00	0.00074	40.00	80.00	0.00060
50.00	80.00	0.00050	60.00	80.00	0.00042
70.00	80.00	0.00036	80.00	80.00	0.00031
90.00	80.00	0.00027	100.00	80.00	0.00023
-100.00	90.00	0.00105	-90.00	90.00	0.00119
-80.00	90.00	0.00135	-70.00	90.00	0.00153
-60.00	90.00	0.00173	-50.00	90.00	0.00194

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-40.00	90.00	0.00214	-30.00	90.00	0.00227
-25.00	90.00	0.00229	-20.00	90.00	0.00225
-17.00	90.00	0.00220	-15.00	90.00	0.00216
-13.00	90.00	0.00210	-11.00	90.00	0.00204
-9.00	90.00	0.00198	9.00	90.00	0.00135
11.00	90.00	0.00129	13.00	90.00	0.00123
15.00	90.00	0.00118	17.00	90.00	0.00112

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00104	25.00	90.00	0.00091
30.00	90.00	0.00081	40.00	90.00	0.00065
50.00	90.00	0.00054	60.00	90.00	0.00045
70.00	90.00	0.00038	80.00	90.00	0.00032
90.00	90.00	0.00027	100.00	90.00	0.00023
-100.00	100.00	0.00108	-90.00	100.00	0.00124
-80.00	100.00	0.00143	-70.00	100.00	0.00164
-60.00	100.00	0.00189	-50.00	100.00	0.00216
-40.00	100.00	0.00244	-30.00	100.00	0.00266
-25.00	100.00	0.00273	-20.00	100.00	0.00274
-17.00	100.00	0.00271	-15.00	100.00	0.00267
-13.00	100.00	0.00261	-11.00	100.00	0.00254
-9.00	100.00	0.00245	9.00	100.00	0.00158
11.00	100.00	0.00149	13.00	100.00	0.00141
15.00	100.00	0.00133	17.00	100.00	0.00125
20.00	100.00	0.00115	25.00	100.00	0.00101
30.00	100.00	0.00089	40.00	100.00	0.00071
50.00	100.00	0.00057	60.00	100.00	0.00047
70.00	100.00	0.00039	80.00	100.00	0.00033
90.00	100.00	0.00028	100.00	100.00	0.00024
-100.00	110.00	0.00110	-90.00	110.00	0.00128
-80.00	110.00	0.00149	-70.00	110.00	0.00173
-60.00	110.00	0.00203	-50.00	110.00	0.00236
-40.00	110.00	0.00273	-30.00	110.00	0.00309
-25.00	110.00	0.00323	-20.00	110.00	0.00331
-17.00	110.00	0.00332	-15.00	110.00	0.00330
-13.00	110.00	0.00326	-11.00	110.00	0.00319

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-9.00	110.00	0.00310	9.00	110.00	0.00182
11.00	110.00	0.00170	13.00	110.00	0.00159
15.00	110.00	0.00149	17.00	110.00	0.00140
20.00	110.00	0.00127	25.00	110.00	0.00110
30.00	110.00	0.00096	40.00	110.00	0.00075
50.00	110.00	0.00060	60.00	110.00	0.00049
70.00	110.00	0.00041	80.00	110.00	0.00034
90.00	110.00	0.00028	100.00	110.00	0.00024
-100.00	120.00	0.00111	-90.00	120.00	0.00129
-80.00	120.00	0.00152	-70.00	120.00	0.00179
-60.00	120.00	0.00213	-50.00	120.00	0.00252
-40.00	120.00	0.00299	-30.00	120.00	0.00348
-25.00	120.00	0.00372	-20.00	120.00	0.00392

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00401	-15.00	120.00	0.00405
-13.00	120.00	0.00406	-11.00	120.00	0.00404
-9.00	120.00	0.00396	9.00	120.00	0.00208
11.00	120.00	0.00192	13.00	120.00	0.00177
15.00	120.00	0.00165	17.00	120.00	0.00154
20.00	120.00	0.00139	25.00	120.00	0.00119
30.00	120.00	0.00103	40.00	120.00	0.00079
50.00	120.00	0.00063	60.00	120.00	0.00051
70.00	120.00	0.00042	80.00	120.00	0.00035
90.00	120.00	0.00029	100.00	120.00	0.00024
-100.00	130.00	0.00109	-90.00	130.00	0.00129
-80.00	130.00	0.00152	-70.00	130.00	0.00181
-60.00	130.00	0.00217	-50.00	130.00	0.00261
-40.00	130.00	0.00315	-30.00	130.00	0.00376
-25.00	130.00	0.00409	-20.00	130.00	0.00443
-17.00	130.00	0.00462	-15.00	130.00	0.00475
-13.00	130.00	0.00487	-11.00	130.00	0.00499
-9.00	130.00	0.00510	9.00	130.00	0.00233
11.00	130.00	0.00212	13.00	130.00	0.00194
15.00	130.00	0.00179	17.00	130.00	0.00165
20.00	130.00	0.00149	25.00	130.00	0.00126

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

30.00	130.00	0.00109	40.00	130.00	0.00083
50.00	130.00	0.00066	60.00	130.00	0.00053
70.00	130.00	0.00043	80.00	130.00	0.00036
90.00	130.00	0.00030	100.00	130.00	0.00025
-100.00	140.00	0.00106	-90.00	140.00	0.00126
-80.00	140.00	0.00149	-70.00	140.00	0.00179
-60.00	140.00	0.00216	-50.00	140.00	0.00263
-40.00	140.00	0.00320	-30.00	140.00	0.00387
-25.00	140.00	0.00425	-20.00	140.00	0.00465
-17.00	140.00	0.00490	-15.00	140.00	0.00508
-13.00	140.00	0.00526	-11.00	140.00	0.00548
-9.00	140.00	0.00575	9.00	140.00	0.00275
11.00	140.00	0.00244	13.00	140.00	0.00220
15.00	140.00	0.00201	17.00	140.00	0.00185
20.00	140.00	0.00165	25.00	140.00	0.00139
30.00	140.00	0.00118	40.00	140.00	0.00090
50.00	140.00	0.00070	60.00	140.00	0.00056
70.00	140.00	0.00045	80.00	140.00	0.00037
90.00	140.00	0.00031	100.00	140.00	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00102	-90.00	150.00	0.00120
-80.00	150.00	0.00143	-70.00	150.00	0.00173
-60.00	150.00	0.00209	-50.00	150.00	0.00255
-40.00	150.00	0.00312	-30.00	150.00	0.00381
-25.00	150.00	0.00421	-20.00	150.00	0.00465
-17.00	150.00	0.00494	-15.00	150.00	0.00515
-13.00	150.00	0.00538	-11.00	150.00	0.00567
-9.00	150.00	0.00607	9.00	150.00	0.00375
11.00	150.00	0.00323	13.00	150.00	0.00284
15.00	150.00	0.00254	17.00	150.00	0.00229
20.00	150.00	0.00199	25.00	150.00	0.00162
30.00	150.00	0.00136	40.00	150.00	0.00100
50.00	150.00	0.00077	60.00	150.00	0.00060
70.00	150.00	0.00048	80.00	150.00	0.00039
90.00	150.00	0.00032	100.00	150.00	0.00027

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-100.00	160.00	0.00095	-90.00	160.00	0.00112
-80.00	160.00	0.00134	-70.00	160.00	0.00161
-60.00	160.00	0.00196	-50.00	160.00	0.00241
-40.00	160.00	0.00297	-30.00	160.00	0.00368
-25.00	160.00	0.00411	-20.00	160.00	0.00460
-17.00	160.00	0.00495	-15.00	160.00	0.00523
-13.00	160.00	0.00556	-11.00	160.00	0.00597
-9.00	160.00	0.00656	9.00	160.00	0.00470
11.00	160.00	0.00405	13.00	160.00	0.00356
15.00	160.00	0.00316	17.00	160.00	0.00282
20.00	160.00	0.00242	25.00	160.00	0.00194
30.00	160.00	0.00159	40.00	160.00	0.00114
50.00	160.00	0.00085	60.00	160.00	0.00066
70.00	160.00	0.00052	80.00	160.00	0.00042
90.00	160.00	0.00035	100.00	160.00	0.00029
-100.00	170.00	0.00087	-90.00	170.00	0.00103
-80.00	170.00	0.00123	-70.00	170.00	0.00148
-60.00	170.00	0.00180	-50.00	170.00	0.00223
-40.00	170.00	0.00278	-30.00	170.00	0.00349
-25.00	170.00	0.00395	-20.00	170.00	0.00452
-17.00	170.00	0.00495	-15.00	170.00	0.00531
-13.00	170.00	0.00574	-11.00	170.00	0.00628
-9.00	170.00	0.00700	9.00	170.00	0.00540
11.00	170.00	0.00469	13.00	170.00	0.00414
15.00	170.00	0.00368	17.00	170.00	0.00330

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00284	25.00	170.00	0.00226
30.00	170.00	0.00184	40.00	170.00	0.00129
50.00	170.00	0.00094	60.00	170.00	0.00072
70.00	170.00	0.00056	80.00	170.00	0.00045
90.00	170.00	0.00037	100.00	170.00	0.00031
-100.00	180.00	0.00079	-90.00	180.00	0.00093
-80.00	180.00	0.00110	-70.00	180.00	0.00133
-60.00	180.00	0.00163	-50.00	180.00	0.00202
-40.00	180.00	0.00253	-30.00	180.00	0.00324

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-25.00	180.00	0.00373	-20.00	180.00	0.00436
-17.00	180.00	0.00487	-15.00	180.00	0.00529
-13.00	180.00	0.00581	-11.00	180.00	0.00644
-9.00	180.00	0.00725	9.00	180.00	0.00589
11.00	180.00	0.00514	13.00	180.00	0.00456
15.00	180.00	0.00408	17.00	180.00	0.00367
20.00	180.00	0.00318	25.00	180.00	0.00254
30.00	180.00	0.00207	40.00	180.00	0.00144
50.00	180.00	0.00104	60.00	180.00	0.00079
70.00	180.00	0.00061	80.00	180.00	0.00049
90.00	180.00	0.00040	100.00	180.00	0.00034
-100.00	190.00	0.00070	-90.00	190.00	0.00082
-80.00	190.00	0.00098	-70.00	190.00	0.00118
-60.00	190.00	0.00144	-50.00	190.00	0.00178
-40.00	190.00	0.00225	-30.00	190.00	0.00293
-25.00	190.00	0.00342	-20.00	190.00	0.00410
-17.00	190.00	0.00465	-15.00	190.00	0.00512
-13.00	190.00	0.00568	-11.00	190.00	0.00638
-9.00	190.00	0.00725	9.00	190.00	0.00619
11.00	190.00	0.00543	13.00	190.00	0.00484
15.00	190.00	0.00436	17.00	190.00	0.00394
20.00	190.00	0.00343	25.00	190.00	0.00277
30.00	190.00	0.00227	40.00	190.00	0.00158
50.00	190.00	0.00115	60.00	190.00	0.00087
70.00	190.00	0.00067	80.00	190.00	0.00054
90.00	190.00	0.00044	100.00	190.00	0.00036
-100.00	200.00	0.00063	-90.00	200.00	0.00073
-80.00	200.00	0.00086	-70.00	200.00	0.00103
-60.00	200.00	0.00125	-50.00	200.00	0.00154
-40.00	200.00	0.00195	-30.00	200.00	0.00257
-25.00	200.00	0.00304	-20.00	200.00	0.00371

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00427	-15.00	200.00	0.00475
-13.00	200.00	0.00533	-11.00	200.00	0.00605
-9.00	200.00	0.00697	9.00	200.00	0.00634

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

11.00	200.00	0.00559	13.00	200.00	0.00501
15.00	200.00	0.00454	17.00	200.00	0.00413
20.00	200.00	0.00361	25.00	200.00	0.00293
30.00	200.00	0.00242	40.00	200.00	0.00170
50.00	200.00	0.00125	60.00	200.00	0.00094
70.00	200.00	0.00073	80.00	200.00	0.00058
90.00	200.00	0.00047	100.00	200.00	0.00039
-100.00	210.00	0.00056	-90.00	210.00	0.00065
-80.00	210.00	0.00076	-70.00	210.00	0.00090
-60.00	210.00	0.00108	-50.00	210.00	0.00132
-40.00	210.00	0.00166	-30.00	210.00	0.00220
-25.00	210.00	0.00261	-20.00	210.00	0.00323
-17.00	210.00	0.00375	-15.00	210.00	0.00420
-13.00	210.00	0.00476	-11.00	210.00	0.00545
-9.00	210.00	0.00636	9.00	210.00	0.00638
11.00	210.00	0.00566	13.00	210.00	0.00509
15.00	210.00	0.00463	17.00	210.00	0.00423
20.00	210.00	0.00372	25.00	210.00	0.00305
30.00	210.00	0.00254	40.00	210.00	0.00182
50.00	210.00	0.00134	60.00	210.00	0.00102
70.00	210.00	0.00079	80.00	210.00	0.00063
90.00	210.00	0.00051	100.00	210.00	0.00042
-100.00	220.00	0.00050	-90.00	220.00	0.00058
-80.00	220.00	0.00067	-70.00	220.00	0.00079
-60.00	220.00	0.00094	-50.00	220.00	0.00115
-40.00	220.00	0.00144	-30.00	220.00	0.00190
-25.00	220.00	0.00226	-20.00	220.00	0.00279
-17.00	220.00	0.00324	-15.00	220.00	0.00361
-13.00	220.00	0.00408	-11.00	220.00	0.00466
-9.00	220.00	0.00543	9.00	220.00	0.00635
11.00	220.00	0.00567	13.00	220.00	0.00512
15.00	220.00	0.00468	17.00	220.00	0.00429
20.00	220.00	0.00380	25.00	220.00	0.00314
30.00	220.00	0.00263	40.00	220.00	0.00190
50.00	220.00	0.00141	60.00	220.00	0.00107
70.00	220.00	0.00084	80.00	220.00	0.00067
90.00	220.00	0.00054	100.00	220.00	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

01NCRA_NAPA94-300 DPM TRAV ANN N-S Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00045	-90.00	230.00	0.00052
-80.00	230.00	0.00060	-70.00	230.00	0.00070
-60.00	230.00	0.00084	-50.00	230.00	0.00102
-40.00	230.00	0.00129	-30.00	230.00	0.00172
-25.00	230.00	0.00207	-20.00	230.00	0.00257
-17.00	230.00	0.00298	-15.00	230.00	0.00332
-13.00	230.00	0.00373	-11.00	230.00	0.00424
-9.00	230.00	0.00486	9.00	230.00	0.00605
11.00	230.00	0.00549	13.00	230.00	0.00500
15.00	230.00	0.00459	17.00	230.00	0.00423
20.00	230.00	0.00376	25.00	230.00	0.00313
30.00	230.00	0.00264	40.00	230.00	0.00193
50.00	230.00	0.00145	60.00	230.00	0.00111
70.00	230.00	0.00087	80.00	230.00	0.00069
90.00	230.00	0.00056	100.00	230.00	0.00046
-100.00	240.00	0.00041	-90.00	240.00	0.00047
-80.00	240.00	0.00055	-70.00	240.00	0.00064
-60.00	240.00	0.00077	-50.00	240.00	0.00095
-40.00	240.00	0.00122	-30.00	240.00	0.00166
-25.00	240.00	0.00201	-20.00	240.00	0.00250
-17.00	240.00	0.00290	-15.00	240.00	0.00322
-13.00	240.00	0.00360	-11.00	240.00	0.00405
-9.00	240.00	0.00455	9.00	240.00	0.00509
11.00	240.00	0.00475	13.00	240.00	0.00443
15.00	240.00	0.00414	17.00	240.00	0.00387
20.00	240.00	0.00350	25.00	240.00	0.00298
30.00	240.00	0.00255	40.00	240.00	0.00190
50.00	240.00	0.00145	60.00	240.00	0.00113
70.00	240.00	0.00089	80.00	240.00	0.00072
90.00	240.00	0.00058	100.00	240.00	0.00048
-100.00	250.00	0.00038	-90.00	250.00	0.00044
-80.00	250.00	0.00051	-70.00	250.00	0.00061
-60.00	250.00	0.00073	-50.00	250.00	0.00091
-40.00	250.00	0.00117	-30.00	250.00	0.00161
-25.00	250.00	0.00194	-20.00	250.00	0.00240
-17.00	250.00	0.00275	-15.00	250.00	0.00302
-13.00	250.00	0.00332	-11.00	250.00	0.00364
-9.00	250.00	0.00396	9.00	250.00	0.00415
11.00	250.00	0.00394	13.00	250.00	0.00373
15.00	250.00	0.00354	17.00	250.00	0.00335

04/20/08

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00309	25.00	250.00	0.00270
30.00	250.00	0.00237	40.00	250.00	0.00183
50.00	250.00	0.00142	60.00	250.00	0.00112
70.00	250.00	0.00089	80.00	250.00	0.00072
90.00	250.00	0.00059	100.00	250.00	0.00049

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00021	-90.00	-250.00	0.00020
-80.00	-250.00	0.00020	-70.00	-250.00	0.00019
-60.00	-250.00	0.00019	-50.00	-250.00	0.00018
-40.00	-250.00	0.00017	-30.00	-250.00	0.00017
-25.00	-250.00	0.00016	-20.00	-250.00	0.00016
-17.00	-250.00	0.00016	-15.00	-250.00	0.00016
-13.00	-250.00	0.00016	-11.00	-250.00	0.00015
-9.00	-250.00	0.00015	9.00	-250.00	0.00014
11.00	-250.00	0.00014	13.00	-250.00	0.00014
15.00	-250.00	0.00014	17.00	-250.00	0.00013
20.00	-250.00	0.00013	25.00	-250.00	0.00013
30.00	-250.00	0.00013	40.00	-250.00	0.00012
50.00	-250.00	0.00011	60.00	-250.00	0.00011
70.00	-250.00	0.00010	80.00	-250.00	0.00010
90.00	-250.00	0.00009	100.00	-250.00	0.00009
-100.00	-240.00	0.00022	-90.00	-240.00	0.00022
-80.00	-240.00	0.00021	-70.00	-240.00	0.00021
-60.00	-240.00	0.00020	-50.00	-240.00	0.00019
-40.00	-240.00	0.00019	-30.00	-240.00	0.00018
-25.00	-240.00	0.00017	-20.00	-240.00	0.00017

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-17.00	-240.00	0.00017	-15.00	-240.00	0.00017
-13.00	-240.00	0.00016	-11.00	-240.00	0.00016
-9.00	-240.00	0.00016	9.00	-240.00	0.00015
11.00	-240.00	0.00015	13.00	-240.00	0.00014
15.00	-240.00	0.00014	17.00	-240.00	0.00014
20.00	-240.00	0.00014	25.00	-240.00	0.00014
30.00	-240.00	0.00013	40.00	-240.00	0.00013
50.00	-240.00	0.00012	60.00	-240.00	0.00011
70.00	-240.00	0.00011	80.00	-240.00	0.00010
90.00	-240.00	0.00010	100.00	-240.00	0.00009
-100.00	-230.00	0.00023	-90.00	-230.00	0.00023
-80.00	-230.00	0.00023	-70.00	-230.00	0.00022
-60.00	-230.00	0.00021	-50.00	-230.00	0.00021
-40.00	-230.00	0.00020	-30.00	-230.00	0.00019
-25.00	-230.00	0.00018	-20.00	-230.00	0.00018
-17.00	-230.00	0.00018	-15.00	-230.00	0.00018
-13.00	-230.00	0.00017	-11.00	-230.00	0.00017
-9.00	-230.00	0.00017	9.00	-230.00	0.00016
11.00	-230.00	0.00015	13.00	-230.00	0.00015
15.00	-230.00	0.00015	17.00	-230.00	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00015	25.00	-230.00	0.00014
30.00	-230.00	0.00014	40.00	-230.00	0.00013
50.00	-230.00	0.00013	60.00	-230.00	0.00012
70.00	-230.00	0.00011	80.00	-230.00	0.00011
90.00	-230.00	0.00010	100.00	-230.00	0.00009
-100.00	-220.00	0.00025	-90.00	-220.00	0.00024
-80.00	-220.00	0.00024	-70.00	-220.00	0.00023
-60.00	-220.00	0.00023	-50.00	-220.00	0.00022
-40.00	-220.00	0.00021	-30.00	-220.00	0.00020
-25.00	-220.00	0.00020	-20.00	-220.00	0.00019
-17.00	-220.00	0.00019	-15.00	-220.00	0.00019
-13.00	-220.00	0.00018	-11.00	-220.00	0.00018
-9.00	-220.00	0.00018	9.00	-220.00	0.00016
11.00	-220.00	0.00016	13.00	-220.00	0.00016

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

15.00	-220.00	0.00016	17.00	-220.00	0.00016
20.00	-220.00	0.00016	25.00	-220.00	0.00015
30.00	-220.00	0.00015	40.00	-220.00	0.00014
50.00	-220.00	0.00013	60.00	-220.00	0.00013
70.00	-220.00	0.00012	80.00	-220.00	0.00011
90.00	-220.00	0.00010	100.00	-220.00	0.00010
-100.00	-210.00	0.00026	-90.00	-210.00	0.00026
-80.00	-210.00	0.00026	-70.00	-210.00	0.00025
-60.00	-210.00	0.00024	-50.00	-210.00	0.00023
-40.00	-210.00	0.00022	-30.00	-210.00	0.00021
-25.00	-210.00	0.00021	-20.00	-210.00	0.00020
-17.00	-210.00	0.00020	-15.00	-210.00	0.00020
-13.00	-210.00	0.00020	-11.00	-210.00	0.00019
-9.00	-210.00	0.00019	9.00	-210.00	0.00017
11.00	-210.00	0.00017	13.00	-210.00	0.00017
15.00	-210.00	0.00017	17.00	-210.00	0.00017
20.00	-210.00	0.00016	25.00	-210.00	0.00016
30.00	-210.00	0.00016	40.00	-210.00	0.00015
50.00	-210.00	0.00014	60.00	-210.00	0.00013
70.00	-210.00	0.00012	80.00	-210.00	0.00012
90.00	-210.00	0.00011	100.00	-210.00	0.00010
-100.00	-200.00	0.00028	-90.00	-200.00	0.00028
-80.00	-200.00	0.00027	-70.00	-200.00	0.00027
-60.00	-200.00	0.00026	-50.00	-200.00	0.00025
-40.00	-200.00	0.00024	-30.00	-200.00	0.00023
-25.00	-200.00	0.00022	-20.00	-200.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00021	-15.00	-200.00	0.00021
-13.00	-200.00	0.00021	-11.00	-200.00	0.00021
-9.00	-200.00	0.00021	9.00	-200.00	0.00019
11.00	-200.00	0.00018	13.00	-200.00	0.00018
15.00	-200.00	0.00018	17.00	-200.00	0.00018
20.00	-200.00	0.00017	25.00	-200.00	0.00017
30.00	-200.00	0.00016	40.00	-200.00	0.00016
50.00	-200.00	0.00015	60.00	-200.00	0.00014

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

70.00	-200.00	0.00013	80.00	-200.00	0.00012
90.00	-200.00	0.00011	100.00	-200.00	0.00010
-100.00	-190.00	0.00030	-90.00	-190.00	0.00030
-80.00	-190.00	0.00029	-70.00	-190.00	0.00029
-60.00	-190.00	0.00028	-50.00	-190.00	0.00027
-40.00	-190.00	0.00026	-30.00	-190.00	0.00025
-25.00	-190.00	0.00024	-20.00	-190.00	0.00023
-17.00	-190.00	0.00023	-15.00	-190.00	0.00023
-13.00	-190.00	0.00022	-11.00	-190.00	0.00022
-9.00	-190.00	0.00022	9.00	-190.00	0.00020
11.00	-190.00	0.00020	13.00	-190.00	0.00019
15.00	-190.00	0.00019	17.00	-190.00	0.00019
20.00	-190.00	0.00019	25.00	-190.00	0.00018
30.00	-190.00	0.00017	40.00	-190.00	0.00016
50.00	-190.00	0.00016	60.00	-190.00	0.00015
70.00	-190.00	0.00014	80.00	-190.00	0.00013
90.00	-190.00	0.00012	100.00	-190.00	0.00011
-100.00	-180.00	0.00032	-90.00	-180.00	0.00032
-80.00	-180.00	0.00032	-70.00	-180.00	0.00031
-60.00	-180.00	0.00030	-50.00	-180.00	0.00029
-40.00	-180.00	0.00028	-30.00	-180.00	0.00027
-25.00	-180.00	0.00026	-20.00	-180.00	0.00025
-17.00	-180.00	0.00025	-15.00	-180.00	0.00024
-13.00	-180.00	0.00024	-11.00	-180.00	0.00024
-9.00	-180.00	0.00024	9.00	-180.00	0.00021
11.00	-180.00	0.00021	13.00	-180.00	0.00021
15.00	-180.00	0.00020	17.00	-180.00	0.00020
20.00	-180.00	0.00020	25.00	-180.00	0.00019
30.00	-180.00	0.00019	40.00	-180.00	0.00017
50.00	-180.00	0.00016	60.00	-180.00	0.00015
70.00	-180.00	0.00014	80.00	-180.00	0.00013
90.00	-180.00	0.00012	100.00	-180.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00034	-90.00	-170.00	0.00034
-80.00	-170.00	0.00034	-70.00	-170.00	0.00033

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-60.00	-170.00	0.00033	-50.00	-170.00	0.00031
-40.00	-170.00	0.00030	-30.00	-170.00	0.00029
-25.00	-170.00	0.00028	-20.00	-170.00	0.00027
-17.00	-170.00	0.00027	-15.00	-170.00	0.00026
-13.00	-170.00	0.00026	-11.00	-170.00	0.00026
-9.00	-170.00	0.00025	9.00	-170.00	0.00023
11.00	-170.00	0.00022	13.00	-170.00	0.00022
15.00	-170.00	0.00022	17.00	-170.00	0.00021
20.00	-170.00	0.00021	25.00	-170.00	0.00020
30.00	-170.00	0.00020	40.00	-170.00	0.00019
50.00	-170.00	0.00017	60.00	-170.00	0.00016
70.00	-170.00	0.00015	80.00	-170.00	0.00014
90.00	-170.00	0.00012	100.00	-170.00	0.00011
-100.00	-160.00	0.00036	-90.00	-160.00	0.00037
-80.00	-160.00	0.00037	-70.00	-160.00	0.00036
-60.00	-160.00	0.00035	-50.00	-160.00	0.00034
-40.00	-160.00	0.00033	-30.00	-160.00	0.00031
-25.00	-160.00	0.00030	-20.00	-160.00	0.00029
-17.00	-160.00	0.00029	-15.00	-160.00	0.00028
-13.00	-160.00	0.00028	-11.00	-160.00	0.00028
-9.00	-160.00	0.00027	9.00	-160.00	0.00024
11.00	-160.00	0.00024	13.00	-160.00	0.00024
15.00	-160.00	0.00023	17.00	-160.00	0.00023
20.00	-160.00	0.00023	25.00	-160.00	0.00022
30.00	-160.00	0.00021	40.00	-160.00	0.00020
50.00	-160.00	0.00018	60.00	-160.00	0.00017
70.00	-160.00	0.00016	80.00	-160.00	0.00014
90.00	-160.00	0.00013	100.00	-160.00	0.00012
-100.00	-150.00	0.00039	-90.00	-150.00	0.00039
-80.00	-150.00	0.00040	-70.00	-150.00	0.00039
-60.00	-150.00	0.00038	-50.00	-150.00	0.00037
-40.00	-150.00	0.00035	-30.00	-150.00	0.00034
-25.00	-150.00	0.00033	-20.00	-150.00	0.00032
-17.00	-150.00	0.00031	-15.00	-150.00	0.00031
-13.00	-150.00	0.00030	-11.00	-150.00	0.00030
-9.00	-150.00	0.00030	9.00	-150.00	0.00026
11.00	-150.00	0.00026	13.00	-150.00	0.00025
15.00	-150.00	0.00025	17.00	-150.00	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

01NCRA NAPA94-300_DPM_TRAV_ANN_N-S Bound
 INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	-150.00	0.00024	25.00	-150.00	0.00023	
30.00	-150.00	0.00023	40.00	-150.00	0.00021	
50.00	-150.00	0.00019	60.00	-150.00	0.00018	
70.00	-150.00	0.00016	80.00	-150.00	0.00015	
90.00	-150.00	0.00014	100.00	-150.00	0.00012	
-100.00	-140.00	0.00041	-90.00	-140.00	0.00042	
-80.00	-140.00	0.00043	-70.00	-140.00	0.00043	
-60.00	-140.00	0.00042	-50.00	-140.00	0.00041	
-40.00	-140.00	0.00039	-30.00	-140.00	0.00037	
-25.00	-140.00	0.00036	-20.00	-140.00	0.00035	
-17.00	-140.00	0.00034	-15.00	-140.00	0.00033	
-13.00	-140.00	0.00033	-11.00	-140.00	0.00033	
-9.00	-140.00	0.00032	9.00	-140.00	0.00028	
11.00	-140.00	0.00028	13.00	-140.00	0.00027	
15.00	-140.00	0.00027	17.00	-140.00	0.00027	
20.00	-140.00	0.00026	25.00	-140.00	0.00025	
30.00	-140.00	0.00024	40.00	-140.00	0.00022	
50.00	-140.00	0.00021	60.00	-140.00	0.00019	
70.00	-140.00	0.00017	80.00	-140.00	0.00016	
90.00	-140.00	0.00014	100.00	-140.00	0.00013	
-100.00	-130.00	0.00044	-90.00	-130.00	0.00046	
-80.00	-130.00	0.00046	-70.00	-130.00	0.00046	
-60.00	-130.00	0.00046	-50.00	-130.00	0.00044	
-40.00	-130.00	0.00042	-30.00	-130.00	0.00040	
-25.00	-130.00	0.00039	-20.00	-130.00	0.00038	
-17.00	-130.00	0.00037	-15.00	-130.00	0.00036	
-13.00	-130.00	0.00036	-11.00	-130.00	0.00035	
-9.00	-130.00	0.00035	9.00	-130.00	0.00030	
11.00	-130.00	0.00030	13.00	-130.00	0.00030	
15.00	-130.00	0.00029	17.00	-130.00	0.00029	
20.00	-130.00	0.00028	25.00	-130.00	0.00027	
30.00	-130.00	0.00026	40.00	-130.00	0.00024	
50.00	-130.00	0.00022	60.00	-130.00	0.00020	
70.00	-130.00	0.00018	80.00	-130.00	0.00016	
90.00	-130.00	0.00015	100.00	-130.00	0.00013	
-100.00	-120.00	0.00048	-90.00	-120.00	0.00049	
-80.00	-120.00	0.00050	-70.00	-120.00	0.00051	
-60.00	-120.00	0.00050	-50.00	-120.00	0.00049	
-40.00	-120.00	0.00047	-30.00	-120.00	0.00044	
-25.00	-120.00	0.00043	-20.00	-120.00	0.00041	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

16:18:59

**MODELOPTS:

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*** Maximum train overlap at North/South Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00041	-15.00	-120.00	0.00040
-13.00	-120.00	0.00039	-11.00	-120.00	0.00039
-9.00	-120.00	0.00038	9.00	-120.00	0.00033
11.00	-120.00	0.00033	13.00	-120.00	0.00032
15.00	-120.00	0.00032	17.00	-120.00	0.00031
20.00	-120.00	0.00030	25.00	-120.00	0.00029
30.00	-120.00	0.00028	40.00	-120.00	0.00026
50.00	-120.00	0.00023	60.00	-120.00	0.00021
70.00	-120.00	0.00019	80.00	-120.00	0.00017
90.00	-120.00	0.00015	100.00	-120.00	0.00014
-100.00	-110.00	0.00051	-90.00	-110.00	0.00053
-80.00	-110.00	0.00054	-70.00	-110.00	0.00055
-60.00	-110.00	0.00055	-50.00	-110.00	0.00054
-40.00	-110.00	0.00052	-30.00	-110.00	0.00049
-25.00	-110.00	0.00047	-20.00	-110.00	0.00046
-17.00	-110.00	0.00045	-15.00	-110.00	0.00044
-13.00	-110.00	0.00043	-11.00	-110.00	0.00043
-9.00	-110.00	0.00042	9.00	-110.00	0.00036
11.00	-110.00	0.00036	13.00	-110.00	0.00035
15.00	-110.00	0.00034	17.00	-110.00	0.00034
20.00	-110.00	0.00033	25.00	-110.00	0.00032
30.00	-110.00	0.00030	40.00	-110.00	0.00028
50.00	-110.00	0.00025	60.00	-110.00	0.00022
70.00	-110.00	0.00020	80.00	-110.00	0.00018
90.00	-110.00	0.00016	100.00	-110.00	0.00015
-100.00	-100.00	0.00055	-90.00	-100.00	0.00057
-80.00	-100.00	0.00059	-70.00	-100.00	0.00060
-60.00	-100.00	0.00061	-50.00	-100.00	0.00060
-40.00	-100.00	0.00058	-30.00	-100.00	0.00054
-25.00	-100.00	0.00053	-20.00	-100.00	0.00051
-17.00	-100.00	0.00050	-15.00	-100.00	0.00049
-13.00	-100.00	0.00048	-11.00	-100.00	0.00047
-9.00	-100.00	0.00046	9.00	-100.00	0.00040
11.00	-100.00	0.00039	13.00	-100.00	0.00038

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

15.00	-100.00	0.00038	17.00	-100.00	0.00037
20.00	-100.00	0.00036	25.00	-100.00	0.00034
30.00	-100.00	0.00033	40.00	-100.00	0.00030
50.00	-100.00	0.00027	60.00	-100.00	0.00024
70.00	-100.00	0.00021	80.00	-100.00	0.00019
90.00	-100.00	0.00017	100.00	-100.00	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00059	-90.00	-90.00	0.00062
-80.00	-90.00	0.00064	-70.00	-90.00	0.00066
-60.00	-90.00	0.00067	-50.00	-90.00	0.00067
-40.00	-90.00	0.00064	-30.00	-90.00	0.00061
-25.00	-90.00	0.00059	-20.00	-90.00	0.00057
-17.00	-90.00	0.00055	-15.00	-90.00	0.00054
-13.00	-90.00	0.00053	-11.00	-90.00	0.00053
-9.00	-90.00	0.00052	9.00	-90.00	0.00044
11.00	-90.00	0.00043	13.00	-90.00	0.00042
15.00	-90.00	0.00041	17.00	-90.00	0.00040
20.00	-90.00	0.00039	25.00	-90.00	0.00037
30.00	-90.00	0.00036	40.00	-90.00	0.00032
50.00	-90.00	0.00028	60.00	-90.00	0.00025
70.00	-90.00	0.00022	80.00	-90.00	0.00020
90.00	-90.00	0.00018	100.00	-90.00	0.00016
-100.00	-80.00	0.00063	-90.00	-80.00	0.00067
-80.00	-80.00	0.00070	-70.00	-80.00	0.00073
-60.00	-80.00	0.00074	-50.00	-80.00	0.00074
-40.00	-80.00	0.00072	-30.00	-80.00	0.00068
-25.00	-80.00	0.00066	-20.00	-80.00	0.00064
-17.00	-80.00	0.00062	-15.00	-80.00	0.00061
-13.00	-80.00	0.00060	-11.00	-80.00	0.00059
-9.00	-80.00	0.00058	9.00	-80.00	0.00048
11.00	-80.00	0.00047	13.00	-80.00	0.00046
15.00	-80.00	0.00045	17.00	-80.00	0.00044
20.00	-80.00	0.00043	25.00	-80.00	0.00041
30.00	-80.00	0.00039	40.00	-80.00	0.00035
50.00	-80.00	0.00030	60.00	-80.00	0.00027

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

70.00	-80.00	0.00023	80.00	-80.00	0.00021
90.00	-80.00	0.00019	100.00	-80.00	0.00017
-100.00	-70.00	0.00068	-90.00	-70.00	0.00072
-80.00	-70.00	0.00077	-70.00	-70.00	0.00080
-60.00	-70.00	0.00083	-50.00	-70.00	0.00083
-40.00	-70.00	0.00082	-30.00	-70.00	0.00078
-25.00	-70.00	0.00075	-20.00	-70.00	0.00072
-17.00	-70.00	0.00070	-15.00	-70.00	0.00069
-13.00	-70.00	0.00068	-11.00	-70.00	0.00066
-9.00	-70.00	0.00065	9.00	-70.00	0.00054
11.00	-70.00	0.00052	13.00	-70.00	0.00051
15.00	-70.00	0.00050	17.00	-70.00	0.00049

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00048	25.00	-70.00	0.00045
30.00	-70.00	0.00042	40.00	-70.00	0.00037
50.00	-70.00	0.00032	60.00	-70.00	0.00028
70.00	-70.00	0.00025	80.00	-70.00	0.00022
90.00	-70.00	0.00020	100.00	-70.00	0.00018
-100.00	-60.00	0.00073	-90.00	-60.00	0.00078
-80.00	-60.00	0.00084	-70.00	-60.00	0.00088
-60.00	-60.00	0.00092	-50.00	-60.00	0.00094
-40.00	-60.00	0.00093	-30.00	-60.00	0.00089
-25.00	-60.00	0.00086	-20.00	-60.00	0.00082
-17.00	-60.00	0.00080	-15.00	-60.00	0.00078
-13.00	-60.00	0.00077	-11.00	-60.00	0.00075
-9.00	-60.00	0.00074	9.00	-60.00	0.00060
11.00	-60.00	0.00059	13.00	-60.00	0.00057
15.00	-60.00	0.00056	17.00	-60.00	0.00055
20.00	-60.00	0.00053	25.00	-60.00	0.00050
30.00	-60.00	0.00047	40.00	-60.00	0.00040
50.00	-60.00	0.00035	60.00	-60.00	0.00030
70.00	-60.00	0.00026	80.00	-60.00	0.00023
90.00	-60.00	0.00021	100.00	-60.00	0.00019
-100.00	-50.00	0.00079	-90.00	-50.00	0.00085
-80.00	-50.00	0.00091	-70.00	-50.00	0.00097

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-60.00	-50.00	0.00102	-50.00	-50.00	0.00106
-40.00	-50.00	0.00106	-30.00	-50.00	0.00102
-25.00	-50.00	0.00099	-20.00	-50.00	0.00095
-17.00	-50.00	0.00092	-15.00	-50.00	0.00090
-13.00	-50.00	0.00088	-11.00	-50.00	0.00086
-9.00	-50.00	0.00084	9.00	-50.00	0.00067
11.00	-50.00	0.00066	13.00	-50.00	0.00064
15.00	-50.00	0.00063	17.00	-50.00	0.00061
20.00	-50.00	0.00059	25.00	-50.00	0.00055
30.00	-50.00	0.00051	40.00	-50.00	0.00044
50.00	-50.00	0.00037	60.00	-50.00	0.00032
70.00	-50.00	0.00028	80.00	-50.00	0.00025
90.00	-50.00	0.00022	100.00	-50.00	0.00020
-100.00	-40.00	0.00084	-90.00	-40.00	0.00092
-80.00	-40.00	0.00099	-70.00	-40.00	0.00107
-60.00	-40.00	0.00114	-50.00	-40.00	0.00120
-40.00	-40.00	0.00122	-30.00	-40.00	0.00119
-25.00	-40.00	0.00115	-20.00	-40.00	0.00110

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00107	-15.00	-40.00	0.00105
-13.00	-40.00	0.00102	-11.00	-40.00	0.00100
-9.00	-40.00	0.00097	9.00	-40.00	0.00076
11.00	-40.00	0.00074	13.00	-40.00	0.00072
15.00	-40.00	0.00070	17.00	-40.00	0.00069
20.00	-40.00	0.00066	25.00	-40.00	0.00061
30.00	-40.00	0.00056	40.00	-40.00	0.00047
50.00	-40.00	0.00040	60.00	-40.00	0.00034
70.00	-40.00	0.00030	80.00	-40.00	0.00027
90.00	-40.00	0.00024	100.00	-40.00	0.00021
-100.00	-30.00	0.00090	-90.00	-30.00	0.00099
-80.00	-30.00	0.00108	-70.00	-30.00	0.00118
-60.00	-30.00	0.00127	-50.00	-30.00	0.00135
-40.00	-30.00	0.00140	-30.00	-30.00	0.00139
-25.00	-30.00	0.00135	-20.00	-30.00	0.00130
-17.00	-30.00	0.00126	-15.00	-30.00	0.00123

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-13.00	-30.00	0.00120	-11.00	-30.00	0.00117
-9.00	-30.00	0.00114	9.00	-30.00	0.00087
11.00	-30.00	0.00085	13.00	-30.00	0.00082
15.00	-30.00	0.00080	17.00	-30.00	0.00077
20.00	-30.00	0.00074	25.00	-30.00	0.00067
30.00	-30.00	0.00062	40.00	-30.00	0.00051
50.00	-30.00	0.00043	60.00	-30.00	0.00037
70.00	-30.00	0.00032	80.00	-30.00	0.00028
90.00	-30.00	0.00025	100.00	-30.00	0.00022
-100.00	-20.00	0.00095	-90.00	-20.00	0.00106
-80.00	-20.00	0.00117	-70.00	-20.00	0.00129
-60.00	-20.00	0.00142	-50.00	-20.00	0.00153
-40.00	-20.00	0.00161	-30.00	-20.00	0.00163
-25.00	-20.00	0.00160	-20.00	-20.00	0.00154
-17.00	-20.00	0.00150	-15.00	-20.00	0.00146
-13.00	-20.00	0.00143	-11.00	-20.00	0.00139
-9.00	-20.00	0.00135	9.00	-20.00	0.00100
11.00	-20.00	0.00097	13.00	-20.00	0.00094
15.00	-20.00	0.00091	17.00	-20.00	0.00087
20.00	-20.00	0.00083	25.00	-20.00	0.00075
30.00	-20.00	0.00068	40.00	-20.00	0.00055
50.00	-20.00	0.00046	60.00	-20.00	0.00040
70.00	-20.00	0.00034	80.00	-20.00	0.00030
90.00	-20.00	0.00026	100.00	-20.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00100	-90.00	-10.00	0.00112
-80.00	-10.00	0.00126	-70.00	-10.00	0.00141
-60.00	-10.00	0.00157	-50.00	-10.00	0.00173
-40.00	-10.00	0.00186	-30.00	-10.00	0.00192
-25.00	-10.00	0.00191	-20.00	-10.00	0.00186
-17.00	-10.00	0.00181	-15.00	-10.00	0.00177
-13.00	-10.00	0.00172	-11.00	-10.00	0.00167
-9.00	-10.00	0.00162	9.00	-10.00	0.00116
11.00	-10.00	0.00112	13.00	-10.00	0.00108
15.00	-10.00	0.00103	17.00	-10.00	0.00099

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

20.00	-10.00	0.00093	25.00	-10.00	0.00083
30.00	-10.00	0.00074	40.00	-10.00	0.00060
50.00	-10.00	0.00050	60.00	-10.00	0.00042
70.00	-10.00	0.00036	80.00	-10.00	0.00031
90.00	-10.00	0.00027	100.00	-10.00	0.00023
-100.00	0.00	0.00105	-90.00	0.00	0.00119
-80.00	0.00	0.00135	-70.00	0.00	0.00153
-60.00	0.00	0.00173	-50.00	0.00	0.00194
-40.00	0.00	0.00214	-30.00	0.00	0.00227
-25.00	0.00	0.00229	-20.00	0.00	0.00225
-17.00	0.00	0.00220	-15.00	0.00	0.00216
-13.00	0.00	0.00210	-11.00	0.00	0.00204
-9.00	0.00	0.00198	9.00	0.00	0.00135
11.00	0.00	0.00129	13.00	0.00	0.00123
15.00	0.00	0.00118	17.00	0.00	0.00112
20.00	0.00	0.00104	25.00	0.00	0.00091
30.00	0.00	0.00081	40.00	0.00	0.00065
50.00	0.00	0.00054	60.00	0.00	0.00045
70.00	0.00	0.00038	80.00	0.00	0.00032
90.00	0.00	0.00027	100.00	0.00	0.00023
-100.00	10.00	0.00108	-90.00	10.00	0.00124
-80.00	10.00	0.00143	-70.00	10.00	0.00164
-60.00	10.00	0.00189	-50.00	10.00	0.00216
-40.00	10.00	0.00244	-30.00	10.00	0.00266
-25.00	10.00	0.00273	-20.00	10.00	0.00274
-17.00	10.00	0.00271	-15.00	10.00	0.00267
-13.00	10.00	0.00261	-11.00	10.00	0.00254
-9.00	10.00	0.00245	9.00	10.00	0.00158
11.00	10.00	0.00149	13.00	10.00	0.00141
15.00	10.00	0.00133	17.00	10.00	0.00125

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00115	25.00	10.00	0.00101
30.00	10.00	0.00089	40.00	10.00	0.00071
50.00	10.00	0.00057	60.00	10.00	0.00047
70.00	10.00	0.00039	80.00	10.00	0.00033

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90.00	10.00	0.00028	100.00	10.00	0.00024
-100.00	20.00	0.00110	-90.00	20.00	0.00128
-80.00	20.00	0.00149	-70.00	20.00	0.00173
-60.00	20.00	0.00203	-50.00	20.00	0.00236
-40.00	20.00	0.00273	-30.00	20.00	0.00309
-25.00	20.00	0.00323	-20.00	20.00	0.00331
-17.00	20.00	0.00332	-15.00	20.00	0.00330
-13.00	20.00	0.00326	-11.00	20.00	0.00319
-9.00	20.00	0.00310	9.00	20.00	0.00182
11.00	20.00	0.00170	13.00	20.00	0.00159
15.00	20.00	0.00149	17.00	20.00	0.00140
20.00	20.00	0.00127	25.00	20.00	0.00110
30.00	20.00	0.00096	40.00	20.00	0.00075
50.00	20.00	0.00060	60.00	20.00	0.00049
70.00	20.00	0.00041	80.00	20.00	0.00034
90.00	20.00	0.00028	100.00	20.00	0.00024
-100.00	30.00	0.00111	-90.00	30.00	0.00129
-80.00	30.00	0.00152	-70.00	30.00	0.00179
-60.00	30.00	0.00213	-50.00	30.00	0.00252
-40.00	30.00	0.00299	-30.00	30.00	0.00348
-25.00	30.00	0.00372	-20.00	30.00	0.00392
-17.00	30.00	0.00401	-15.00	30.00	0.00405
-13.00	30.00	0.00406	-11.00	30.00	0.00404
-9.00	30.00	0.00396	9.00	30.00	0.00208
11.00	30.00	0.00192	13.00	30.00	0.00177
15.00	30.00	0.00165	17.00	30.00	0.00154
20.00	30.00	0.00139	25.00	30.00	0.00119
30.00	30.00	0.00103	40.00	30.00	0.00079
50.00	30.00	0.00063	60.00	30.00	0.00051
70.00	30.00	0.00042	80.00	30.00	0.00035
90.00	30.00	0.00029	100.00	30.00	0.00024
-100.00	40.00	0.00109	-90.00	40.00	0.00129
-80.00	40.00	0.00152	-70.00	40.00	0.00181
-60.00	40.00	0.00217	-50.00	40.00	0.00261
-40.00	40.00	0.00315	-30.00	40.00	0.00376
-25.00	40.00	0.00409	-20.00	40.00	0.00443

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:18:59

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00462	-15.00	40.00	0.00475
-13.00	40.00	0.00487	-11.00	40.00	0.00499
-9.00	40.00	0.00510	9.00	40.00	0.00233
11.00	40.00	0.00212	13.00	40.00	0.00194
15.00	40.00	0.00179	17.00	40.00	0.00165
20.00	40.00	0.00149	25.00	40.00	0.00126
30.00	40.00	0.00109	40.00	40.00	0.00083
50.00	40.00	0.00066	60.00	40.00	0.00053
70.00	40.00	0.00043	80.00	40.00	0.00036
90.00	40.00	0.00030	100.00	40.00	0.00025
-100.00	50.00	0.00106	-90.00	50.00	0.00126
-80.00	50.00	0.00149	-70.00	50.00	0.00179
-60.00	50.00	0.00216	-50.00	50.00	0.00263
-40.00	50.00	0.00320	-30.00	50.00	0.00387
-25.00	50.00	0.00425	-20.00	50.00	0.00465
-17.00	50.00	0.00490	-15.00	50.00	0.00508
-13.00	50.00	0.00526	-11.00	50.00	0.00548
-9.00	50.00	0.00575	9.00	50.00	0.00275
11.00	50.00	0.00244	13.00	50.00	0.00220
15.00	50.00	0.00201	17.00	50.00	0.00185
20.00	50.00	0.00165	25.00	50.00	0.00139
30.00	50.00	0.00118	40.00	50.00	0.00090
50.00	50.00	0.00070	60.00	50.00	0.00056
70.00	50.00	0.00045	80.00	50.00	0.00037
90.00	50.00	0.00031	100.00	50.00	0.00026
-100.00	60.00	0.00102	-90.00	60.00	0.00120
-80.00	60.00	0.00143	-70.00	60.00	0.00173
-60.00	60.00	0.00209	-50.00	60.00	0.00255
-40.00	60.00	0.00312	-30.00	60.00	0.00381
-25.00	60.00	0.00421	-20.00	60.00	0.00465
-17.00	60.00	0.00494	-15.00	60.00	0.00515
-13.00	60.00	0.00538	-11.00	60.00	0.00567
-9.00	60.00	0.00607	9.00	60.00	0.00375
11.00	60.00	0.00323	13.00	60.00	0.00284
15.00	60.00	0.00254	17.00	60.00	0.00229
20.00	60.00	0.00199	25.00	60.00	0.00162
30.00	60.00	0.00136	40.00	60.00	0.00100
50.00	60.00	0.00077	60.00	60.00	0.00060
70.00	60.00	0.00048	80.00	60.00	0.00039
90.00	60.00	0.00032	100.00	60.00	0.00027

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:18:59

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	70.00	0.00095	-90.00	70.00	0.00112	
-80.00	70.00	0.00134	-70.00	70.00	0.00161	
-60.00	70.00	0.00196	-50.00	70.00	0.00241	
-40.00	70.00	0.00297	-30.00	70.00	0.00368	
-25.00	70.00	0.00411	-20.00	70.00	0.00460	
-17.00	70.00	0.00495	-15.00	70.00	0.00523	
-13.00	70.00	0.00556	-11.00	70.00	0.00597	
-9.00	70.00	0.00656	9.00	70.00	0.00470	
11.00	70.00	0.00405	13.00	70.00	0.00356	
15.00	70.00	0.00316	17.00	70.00	0.00282	
20.00	70.00	0.00242	25.00	70.00	0.00194	
30.00	70.00	0.00159	40.00	70.00	0.00114	
50.00	70.00	0.00085	60.00	70.00	0.00066	
70.00	70.00	0.00052	80.00	70.00	0.00042	
90.00	70.00	0.00035	100.00	70.00	0.00029	
-100.00	80.00	0.00087	-90.00	80.00	0.00103	
-80.00	80.00	0.00123	-70.00	80.00	0.00148	
-60.00	80.00	0.00180	-50.00	80.00	0.00223	
-40.00	80.00	0.00278	-30.00	80.00	0.00349	
-25.00	80.00	0.00395	-20.00	80.00	0.00452	
-17.00	80.00	0.00495	-15.00	80.00	0.00531	
-13.00	80.00	0.00574	-11.00	80.00	0.00628	
-9.00	80.00	0.00700	9.00	80.00	0.00540	
11.00	80.00	0.00469	13.00	80.00	0.00414	
15.00	80.00	0.00368	17.00	80.00	0.00330	
20.00	80.00	0.00284	25.00	80.00	0.00226	
30.00	80.00	0.00184	40.00	80.00	0.00129	
50.00	80.00	0.00094	60.00	80.00	0.00072	
70.00	80.00	0.00056	80.00	80.00	0.00045	
90.00	80.00	0.00037	100.00	80.00	0.00031	
-100.00	90.00	0.00079	-90.00	90.00	0.00093	
-80.00	90.00	0.00110	-70.00	90.00	0.00133	
-60.00	90.00	0.00163	-50.00	90.00	0.00202	
-40.00	90.00	0.00253	-30.00	90.00	0.00324	
-25.00	90.00	0.00373	-20.00	90.00	0.00436	
-17.00	90.00	0.00487	-15.00	90.00	0.00529	

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-13.00	90.00	0.00581	-11.00	90.00	0.00644
-9.00	90.00	0.00725	9.00	90.00	0.00589
11.00	90.00	0.00514	13.00	90.00	0.00456
15.00	90.00	0.00408	17.00	90.00	0.00367

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00318	25.00	90.00	0.00254
30.00	90.00	0.00207	40.00	90.00	0.00144
50.00	90.00	0.00104	60.00	90.00	0.00079
70.00	90.00	0.00061	80.00	90.00	0.00049
90.00	90.00	0.00040	100.00	90.00	0.00034
-100.00	100.00	0.00070	-90.00	100.00	0.00082
-80.00	100.00	0.00098	-70.00	100.00	0.00118
-60.00	100.00	0.00144	-50.00	100.00	0.00178
-40.00	100.00	0.00225	-30.00	100.00	0.00293
-25.00	100.00	0.00342	-20.00	100.00	0.00410
-17.00	100.00	0.00465	-15.00	100.00	0.00512
-13.00	100.00	0.00568	-11.00	100.00	0.00638
-9.00	100.00	0.00725	9.00	100.00	0.00619
11.00	100.00	0.00543	13.00	100.00	0.00484
15.00	100.00	0.00436	17.00	100.00	0.00394
20.00	100.00	0.00343	25.00	100.00	0.00277
30.00	100.00	0.00227	40.00	100.00	0.00158
50.00	100.00	0.00115	60.00	100.00	0.00087
70.00	100.00	0.00067	80.00	100.00	0.00054
90.00	100.00	0.00044	100.00	100.00	0.00036
-100.00	110.00	0.00063	-90.00	110.00	0.00073
-80.00	110.00	0.00086	-70.00	110.00	0.00103
-60.00	110.00	0.00125	-50.00	110.00	0.00154
-40.00	110.00	0.00195	-30.00	110.00	0.00257
-25.00	110.00	0.00304	-20.00	110.00	0.00371
-17.00	110.00	0.00427	-15.00	110.00	0.00475
-13.00	110.00	0.00533	-11.00	110.00	0.00605
-9.00	110.00	0.00697	9.00	110.00	0.00634
11.00	110.00	0.00559	13.00	110.00	0.00501
15.00	110.00	0.00454	17.00	110.00	0.00413

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

20.00	110.00	0.00361	25.00	110.00	0.00293
30.00	110.00	0.00242	40.00	110.00	0.00170
50.00	110.00	0.00125	60.00	110.00	0.00094
70.00	110.00	0.00073	80.00	110.00	0.00058
90.00	110.00	0.00047	100.00	110.00	0.00039
-100.00	120.00	0.00056	-90.00	120.00	0.00065
-80.00	120.00	0.00076	-70.00	120.00	0.00090
-60.00	120.00	0.00108	-50.00	120.00	0.00132
-40.00	120.00	0.00166	-30.00	120.00	0.00220
-25.00	120.00	0.00261	-20.00	120.00	0.00323

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00375	-15.00	120.00	0.00420
-13.00	120.00	0.00476	-11.00	120.00	0.00545
-9.00	120.00	0.00636	9.00	120.00	0.00638
11.00	120.00	0.00566	13.00	120.00	0.00509
15.00	120.00	0.00463	17.00	120.00	0.00423
20.00	120.00	0.00372	25.00	120.00	0.00305
30.00	120.00	0.00254	40.00	120.00	0.00182
50.00	120.00	0.00134	60.00	120.00	0.00102
70.00	120.00	0.00079	80.00	120.00	0.00063
90.00	120.00	0.00051	100.00	120.00	0.00042
-100.00	130.00	0.00050	-90.00	130.00	0.00058
-80.00	130.00	0.00067	-70.00	130.00	0.00079
-60.00	130.00	0.00094	-50.00	130.00	0.00115
-40.00	130.00	0.00144	-30.00	130.00	0.00190
-25.00	130.00	0.00226	-20.00	130.00	0.00279
-17.00	130.00	0.00324	-15.00	130.00	0.00361
-13.00	130.00	0.00408	-11.00	130.00	0.00466
-9.00	130.00	0.00543	9.00	130.00	0.00635
11.00	130.00	0.00567	13.00	130.00	0.00512
15.00	130.00	0.00468	17.00	130.00	0.00429
20.00	130.00	0.00380	25.00	130.00	0.00314
30.00	130.00	0.00263	40.00	130.00	0.00190
50.00	130.00	0.00141	60.00	130.00	0.00107
70.00	130.00	0.00084	80.00	130.00	0.00067

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

90.00	130.00	0.00054	100.00	130.00	0.00044
-100.00	140.00	0.00045	-90.00	140.00	0.00052
-80.00	140.00	0.00060	-70.00	140.00	0.00070
-60.00	140.00	0.00084	-50.00	140.00	0.00102
-40.00	140.00	0.00129	-30.00	140.00	0.00172
-25.00	140.00	0.00207	-20.00	140.00	0.00257
-17.00	140.00	0.00298	-15.00	140.00	0.00332
-13.00	140.00	0.00373	-11.00	140.00	0.00424
-9.00	140.00	0.00486	9.00	140.00	0.00605
11.00	140.00	0.00549	13.00	140.00	0.00500
15.00	140.00	0.00459	17.00	140.00	0.00423
20.00	140.00	0.00376	25.00	140.00	0.00313
30.00	140.00	0.00264	40.00	140.00	0.00193
50.00	140.00	0.00145	60.00	140.00	0.00111
70.00	140.00	0.00087	80.00	140.00	0.00069
90.00	140.00	0.00056	100.00	140.00	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00041	-90.00	150.00	0.00047
-80.00	150.00	0.00055	-70.00	150.00	0.00064
-60.00	150.00	0.00077	-50.00	150.00	0.00095
-40.00	150.00	0.00122	-30.00	150.00	0.00166
-25.00	150.00	0.00201	-20.00	150.00	0.00250
-17.00	150.00	0.00290	-15.00	150.00	0.00322
-13.00	150.00	0.00360	-11.00	150.00	0.00405
-9.00	150.00	0.00455	9.00	150.00	0.00509
11.00	150.00	0.00475	13.00	150.00	0.00443
15.00	150.00	0.00414	17.00	150.00	0.00387
20.00	150.00	0.00350	25.00	150.00	0.00298
30.00	150.00	0.00255	40.00	150.00	0.00190
50.00	150.00	0.00145	60.00	150.00	0.00113
70.00	150.00	0.00089	80.00	150.00	0.00072
90.00	150.00	0.00058	100.00	150.00	0.00048
-100.00	160.00	0.00038	-90.00	160.00	0.00044
-80.00	160.00	0.00051	-70.00	160.00	0.00061
-60.00	160.00	0.00073	-50.00	160.00	0.00091

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-40.00	160.00	0.00117	-30.00	160.00	0.00161
-25.00	160.00	0.00194	-20.00	160.00	0.00240
-17.00	160.00	0.00275	-15.00	160.00	0.00302
-13.00	160.00	0.00332	-11.00	160.00	0.00364
-9.00	160.00	0.00396	9.00	160.00	0.00415
11.00	160.00	0.00394	13.00	160.00	0.00373
15.00	160.00	0.00354	17.00	160.00	0.00335
20.00	160.00	0.00309	25.00	160.00	0.00270
30.00	160.00	0.00237	40.00	160.00	0.00183
50.00	160.00	0.00142	60.00	160.00	0.00112
70.00	160.00	0.00089	80.00	160.00	0.00072
90.00	160.00	0.00059	100.00	160.00	0.00049
-100.00	170.00	0.00037	-90.00	170.00	0.00042
-80.00	170.00	0.00049	-70.00	170.00	0.00058
-60.00	170.00	0.00070	-50.00	170.00	0.00087
-40.00	170.00	0.00112	-30.00	170.00	0.00154
-25.00	170.00	0.00184	-20.00	170.00	0.00223
-17.00	170.00	0.00251	-15.00	170.00	0.00272
-13.00	170.00	0.00293	-11.00	170.00	0.00313
-9.00	170.00	0.00333	9.00	170.00	0.00339
11.00	170.00	0.00325	13.00	170.00	0.00312
15.00	170.00	0.00299	17.00	170.00	0.00286

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00268	25.00	170.00	0.00239
30.00	170.00	0.00214	40.00	170.00	0.00170
50.00	170.00	0.00136	60.00	170.00	0.00109
70.00	170.00	0.00088	80.00	170.00	0.00072
90.00	170.00	0.00060	100.00	170.00	0.00050
-100.00	180.00	0.00035	-90.00	180.00	0.00041
-80.00	180.00	0.00047	-70.00	180.00	0.00056
-60.00	180.00	0.00067	-50.00	180.00	0.00083
-40.00	180.00	0.00107	-30.00	180.00	0.00145
-25.00	180.00	0.00171	-20.00	180.00	0.00203
-17.00	180.00	0.00224	-15.00	180.00	0.00239
-13.00	180.00	0.00253	-11.00	180.00	0.00266

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-9.00	180.00	0.00277	9.00	180.00	0.00280
11.00	180.00	0.00271	13.00	180.00	0.00262
15.00	180.00	0.00252	17.00	180.00	0.00243
20.00	180.00	0.00230	25.00	180.00	0.00209
30.00	180.00	0.00190	40.00	180.00	0.00156
50.00	180.00	0.00128	60.00	180.00	0.00105
70.00	180.00	0.00086	80.00	180.00	0.00071
90.00	180.00	0.00059	100.00	180.00	0.00050
-100.00	190.00	0.00034	-90.00	190.00	0.00039
-80.00	190.00	0.00045	-70.00	190.00	0.00053
-60.00	190.00	0.00064	-50.00	190.00	0.00079
-40.00	190.00	0.00102	-30.00	190.00	0.00135
-25.00	190.00	0.00157	-20.00	190.00	0.00182
-17.00	190.00	0.00197	-15.00	190.00	0.00207
-13.00	190.00	0.00216	-11.00	190.00	0.00225
-9.00	190.00	0.00232	9.00	190.00	0.00234
11.00	190.00	0.00228	13.00	190.00	0.00221
15.00	190.00	0.00215	17.00	190.00	0.00208
20.00	190.00	0.00198	25.00	190.00	0.00183
30.00	190.00	0.00168	40.00	190.00	0.00142
50.00	190.00	0.00119	60.00	190.00	0.00099
70.00	190.00	0.00083	80.00	190.00	0.00070
90.00	190.00	0.00059	100.00	190.00	0.00050
-100.00	200.00	0.00033	-90.00	200.00	0.00037
-80.00	200.00	0.00043	-70.00	200.00	0.00051
-60.00	200.00	0.00061	-50.00	200.00	0.00075
-40.00	200.00	0.00096	-30.00	200.00	0.00125
-25.00	200.00	0.00143	-20.00	200.00	0.00162

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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*** Maximum train overlap at North/South Bound Direction ***

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00173	-15.00	200.00	0.00179
-13.00	200.00	0.00186	-11.00	200.00	0.00191
-9.00	200.00	0.00196	9.00	200.00	0.00197
11.00	200.00	0.00193	13.00	200.00	0.00189
15.00	200.00	0.00184	17.00	200.00	0.00179
20.00	200.00	0.00171	25.00	200.00	0.00160

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

30.00	200.00	0.00148	40.00	200.00	0.00128
50.00	200.00	0.00110	60.00	200.00	0.00093
70.00	200.00	0.00079	80.00	200.00	0.00067
90.00	200.00	0.00057	100.00	200.00	0.00049
-100.00	210.00	0.00031	-90.00	210.00	0.00036
-80.00	210.00	0.00041	-70.00	210.00	0.00048
-60.00	210.00	0.00058	-50.00	210.00	0.00071
-40.00	210.00	0.00090	-30.00	210.00	0.00114
-25.00	210.00	0.00129	-20.00	210.00	0.00143
-17.00	210.00	0.00151	-15.00	210.00	0.00156
-13.00	210.00	0.00160	-11.00	210.00	0.00164
-9.00	210.00	0.00168	9.00	210.00	0.00169
11.00	210.00	0.00166	13.00	210.00	0.00162
15.00	210.00	0.00159	17.00	210.00	0.00155
20.00	210.00	0.00149	25.00	210.00	0.00140
30.00	210.00	0.00131	40.00	210.00	0.00115
50.00	210.00	0.00100	60.00	210.00	0.00087
70.00	210.00	0.00075	80.00	210.00	0.00064
90.00	210.00	0.00055	100.00	210.00	0.00048
-100.00	220.00	0.00030	-90.00	220.00	0.00034
-80.00	220.00	0.00040	-70.00	220.00	0.00046
-60.00	220.00	0.00055	-50.00	220.00	0.00067
-40.00	220.00	0.00084	-30.00	220.00	0.00105
-25.00	220.00	0.00116	-20.00	220.00	0.00127
-17.00	220.00	0.00133	-15.00	220.00	0.00136
-13.00	220.00	0.00139	-11.00	220.00	0.00142
-9.00	220.00	0.00145	9.00	220.00	0.00146
11.00	220.00	0.00143	13.00	220.00	0.00141
15.00	220.00	0.00138	17.00	220.00	0.00136
20.00	220.00	0.00131	25.00	220.00	0.00124
30.00	220.00	0.00117	40.00	220.00	0.00104
50.00	220.00	0.00092	60.00	220.00	0.00081
70.00	220.00	0.00070	80.00	220.00	0.00061
90.00	220.00	0.00053	100.00	220.00	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-100.00	230.00	0.00029	-90.00	230.00	0.00033
-80.00	230.00	0.00038	-70.00	230.00	0.00044
-60.00	230.00	0.00053	-50.00	230.00	0.00064
-40.00	230.00	0.00078	-30.00	230.00	0.00096
-25.00	230.00	0.00105	-20.00	230.00	0.00113
-17.00	230.00	0.00117	-15.00	230.00	0.00120
-13.00	230.00	0.00122	-11.00	230.00	0.00124
-9.00	230.00	0.00126	9.00	230.00	0.00127
11.00	230.00	0.00125	13.00	230.00	0.00123
15.00	230.00	0.00122	17.00	230.00	0.00119
20.00	230.00	0.00116	25.00	230.00	0.00110
30.00	230.00	0.00104	40.00	230.00	0.00093
50.00	230.00	0.00084	60.00	230.00	0.00075
70.00	230.00	0.00066	80.00	230.00	0.00058
90.00	230.00	0.00051	100.00	230.00	0.00045
-100.00	240.00	0.00028	-90.00	240.00	0.00032
-80.00	240.00	0.00036	-70.00	240.00	0.00042
-60.00	240.00	0.00050	-50.00	240.00	0.00060
-40.00	240.00	0.00073	-30.00	240.00	0.00087
-25.00	240.00	0.00094	-20.00	240.00	0.00101
-17.00	240.00	0.00104	-15.00	240.00	0.00106
-13.00	240.00	0.00108	-11.00	240.00	0.00109
-9.00	240.00	0.00111	9.00	240.00	0.00111
11.00	240.00	0.00110	13.00	240.00	0.00109
15.00	240.00	0.00107	17.00	240.00	0.00106
20.00	240.00	0.00103	25.00	240.00	0.00098
30.00	240.00	0.00093	40.00	240.00	0.00085
50.00	240.00	0.00076	60.00	240.00	0.00069
70.00	240.00	0.00062	80.00	240.00	0.00055
90.00	240.00	0.00049	100.00	240.00	0.00043
-100.00	250.00	0.00027	-90.00	250.00	0.00030
-80.00	250.00	0.00035	-70.00	250.00	0.00040
-60.00	250.00	0.00047	-50.00	250.00	0.00057
-40.00	250.00	0.00068	-30.00	250.00	0.00080
-25.00	250.00	0.00085	-20.00	250.00	0.00090
-17.00	250.00	0.00093	-15.00	250.00	0.00094
-13.00	250.00	0.00096	-11.00	250.00	0.00097
-9.00	250.00	0.00098	9.00	250.00	0.00099
11.00	250.00	0.00098	13.00	250.00	0.00097
15.00	250.00	0.00096	17.00	250.00	0.00094

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00092	25.00	250.00	0.00088
30.00	250.00	0.00084	40.00	250.00	0.00077
50.00	250.00	0.00070	60.00	250.00	0.00064
70.00	250.00	0.00058	80.00	250.00	0.00052
90.00	250.00	0.00046	100.00	250.00	0.00041

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00036	-90.00	-250.00	0.00037
-80.00	-250.00	0.00037	-70.00	-250.00	0.00036
-60.00	-250.00	0.00035	-50.00	-250.00	0.00034
-40.00	-250.00	0.00033	-30.00	-250.00	0.00031
-25.00	-250.00	0.00030	-20.00	-250.00	0.00029
-17.00	-250.00	0.00029	-15.00	-250.00	0.00028
-13.00	-250.00	0.00028	-11.00	-250.00	0.00028
-9.00	-250.00	0.00027	9.00	-250.00	0.00024
11.00	-250.00	0.00024	13.00	-250.00	0.00024
15.00	-250.00	0.00023	17.00	-250.00	0.00023
20.00	-250.00	0.00023	25.00	-250.00	0.00022
30.00	-250.00	0.00021	40.00	-250.00	0.00020
50.00	-250.00	0.00018	60.00	-250.00	0.00017
70.00	-250.00	0.00016	80.00	-250.00	0.00014
90.00	-250.00	0.00013	100.00	-250.00	0.00012
-100.00	-240.00	0.00039	-90.00	-240.00	0.00039
-80.00	-240.00	0.00040	-70.00	-240.00	0.00039
-60.00	-240.00	0.00038	-50.00	-240.00	0.00037
-40.00	-240.00	0.00035	-30.00	-240.00	0.00034
-25.00	-240.00	0.00033	-20.00	-240.00	0.00032
-17.00	-240.00	0.00031	-15.00	-240.00	0.00031
-13.00	-240.00	0.00030	-11.00	-240.00	0.00030
-9.00	-240.00	0.00030	9.00	-240.00	0.00026

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

11.00	-240.00	0.00026	13.00	-240.00	0.00025
15.00	-240.00	0.00025	17.00	-240.00	0.00025
20.00	-240.00	0.00024	25.00	-240.00	0.00023
30.00	-240.00	0.00023	40.00	-240.00	0.00021
50.00	-240.00	0.00019	60.00	-240.00	0.00018
70.00	-240.00	0.00016	80.00	-240.00	0.00015
90.00	-240.00	0.00014	100.00	-240.00	0.00012
-100.00	-230.00	0.00041	-90.00	-230.00	0.00042
-80.00	-230.00	0.00043	-70.00	-230.00	0.00043
-60.00	-230.00	0.00042	-50.00	-230.00	0.00041
-40.00	-230.00	0.00039	-30.00	-230.00	0.00037
-25.00	-230.00	0.00036	-20.00	-230.00	0.00035
-17.00	-230.00	0.00034	-15.00	-230.00	0.00033
-13.00	-230.00	0.00033	-11.00	-230.00	0.00033
-9.00	-230.00	0.00032	9.00	-230.00	0.00028
11.00	-230.00	0.00028	13.00	-230.00	0.00027
15.00	-230.00	0.00027	17.00	-230.00	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00026	25.00	-230.00	0.00025
30.00	-230.00	0.00024	40.00	-230.00	0.00022
50.00	-230.00	0.00021	60.00	-230.00	0.00019
70.00	-230.00	0.00017	80.00	-230.00	0.00016
90.00	-230.00	0.00014	100.00	-230.00	0.00013
-100.00	-220.00	0.00044	-90.00	-220.00	0.00046
-80.00	-220.00	0.00046	-70.00	-220.00	0.00046
-60.00	-220.00	0.00046	-50.00	-220.00	0.00044
-40.00	-220.00	0.00042	-30.00	-220.00	0.00040
-25.00	-220.00	0.00039	-20.00	-220.00	0.00038
-17.00	-220.00	0.00037	-15.00	-220.00	0.00036
-13.00	-220.00	0.00036	-11.00	-220.00	0.00035
-9.00	-220.00	0.00035	9.00	-220.00	0.00030
11.00	-220.00	0.00030	13.00	-220.00	0.00030
15.00	-220.00	0.00029	17.00	-220.00	0.00029
20.00	-220.00	0.00028	25.00	-220.00	0.00027
30.00	-220.00	0.00026	40.00	-220.00	0.00024

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

50.00	-220.00	0.00022	60.00	-220.00	0.00020
70.00	-220.00	0.00018	80.00	-220.00	0.00016
90.00	-220.00	0.00015	100.00	-220.00	0.00013
-100.00	-210.00	0.00048	-90.00	-210.00	0.00049
-80.00	-210.00	0.00050	-70.00	-210.00	0.00051
-60.00	-210.00	0.00050	-50.00	-210.00	0.00049
-40.00	-210.00	0.00047	-30.00	-210.00	0.00044
-25.00	-210.00	0.00043	-20.00	-210.00	0.00041
-17.00	-210.00	0.00041	-15.00	-210.00	0.00040
-13.00	-210.00	0.00039	-11.00	-210.00	0.00039
-9.00	-210.00	0.00038	9.00	-210.00	0.00033
11.00	-210.00	0.00033	13.00	-210.00	0.00032
15.00	-210.00	0.00032	17.00	-210.00	0.00031
20.00	-210.00	0.00030	25.00	-210.00	0.00029
30.00	-210.00	0.00028	40.00	-210.00	0.00026
50.00	-210.00	0.00023	60.00	-210.00	0.00021
70.00	-210.00	0.00019	80.00	-210.00	0.00017
90.00	-210.00	0.00015	100.00	-210.00	0.00014
-100.00	-200.00	0.00051	-90.00	-200.00	0.00053
-80.00	-200.00	0.00054	-70.00	-200.00	0.00055
-60.00	-200.00	0.00055	-50.00	-200.00	0.00054
-40.00	-200.00	0.00052	-30.00	-200.00	0.00049
-25.00	-200.00	0.00047	-20.00	-200.00	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00045	-15.00	-200.00	0.00044
-13.00	-200.00	0.00043	-11.00	-200.00	0.00043
-9.00	-200.00	0.00042	9.00	-200.00	0.00036
11.00	-200.00	0.00036	13.00	-200.00	0.00035
15.00	-200.00	0.00034	17.00	-200.00	0.00034
20.00	-200.00	0.00033	25.00	-200.00	0.00032
30.00	-200.00	0.00030	40.00	-200.00	0.00028
50.00	-200.00	0.00025	60.00	-200.00	0.00022
70.00	-200.00	0.00020	80.00	-200.00	0.00018
90.00	-200.00	0.00016	100.00	-200.00	0.00015
-100.00	-190.00	0.00055	-90.00	-190.00	0.00057

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-80.00	-190.00	0.00059	-70.00	-190.00	0.00060
-60.00	-190.00	0.00061	-50.00	-190.00	0.00060
-40.00	-190.00	0.00058	-30.00	-190.00	0.00054
-25.00	-190.00	0.00053	-20.00	-190.00	0.00051
-17.00	-190.00	0.00050	-15.00	-190.00	0.00049
-13.00	-190.00	0.00048	-11.00	-190.00	0.00047
-9.00	-190.00	0.00046	9.00	-190.00	0.00040
11.00	-190.00	0.00039	13.00	-190.00	0.00038
15.00	-190.00	0.00038	17.00	-190.00	0.00037
20.00	-190.00	0.00036	25.00	-190.00	0.00034
30.00	-190.00	0.00033	40.00	-190.00	0.00030
50.00	-190.00	0.00027	60.00	-190.00	0.00024
70.00	-190.00	0.00021	80.00	-190.00	0.00019
90.00	-190.00	0.00017	100.00	-190.00	0.00015
-100.00	-180.00	0.00059	-90.00	-180.00	0.00062
-80.00	-180.00	0.00064	-70.00	-180.00	0.00066
-60.00	-180.00	0.00067	-50.00	-180.00	0.00067
-40.00	-180.00	0.00064	-30.00	-180.00	0.00061
-25.00	-180.00	0.00059	-20.00	-180.00	0.00057
-17.00	-180.00	0.00055	-15.00	-180.00	0.00054
-13.00	-180.00	0.00053	-11.00	-180.00	0.00053
-9.00	-180.00	0.00052	9.00	-180.00	0.00044
11.00	-180.00	0.00043	13.00	-180.00	0.00042
15.00	-180.00	0.00041	17.00	-180.00	0.00040
20.00	-180.00	0.00039	25.00	-180.00	0.00037
30.00	-180.00	0.00036	40.00	-180.00	0.00032
50.00	-180.00	0.00028	60.00	-180.00	0.00025
70.00	-180.00	0.00022	80.00	-180.00	0.00020
90.00	-180.00	0.00018	100.00	-180.00	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTS:
 PAGE 66

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00063	-90.00	-170.00	0.00067
-80.00	-170.00	0.00070	-70.00	-170.00	0.00073
-60.00	-170.00	0.00074	-50.00	-170.00	0.00074
-40.00	-170.00	0.00072	-30.00	-170.00	0.00068
-25.00	-170.00	0.00066	-20.00	-170.00	0.00064

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-17.00	-170.00	0.00062	-15.00	-170.00	0.00061
-13.00	-170.00	0.00060	-11.00	-170.00	0.00059
-9.00	-170.00	0.00058	9.00	-170.00	0.00048
11.00	-170.00	0.00047	13.00	-170.00	0.00046
15.00	-170.00	0.00045	17.00	-170.00	0.00044
20.00	-170.00	0.00043	25.00	-170.00	0.00041
30.00	-170.00	0.00039	40.00	-170.00	0.00035
50.00	-170.00	0.00030	60.00	-170.00	0.00027
70.00	-170.00	0.00023	80.00	-170.00	0.00021
90.00	-170.00	0.00019	100.00	-170.00	0.00017
-100.00	-160.00	0.00068	-90.00	-160.00	0.00072
-80.00	-160.00	0.00077	-70.00	-160.00	0.00080
-60.00	-160.00	0.00083	-50.00	-160.00	0.00083
-40.00	-160.00	0.00082	-30.00	-160.00	0.00078
-25.00	-160.00	0.00075	-20.00	-160.00	0.00072
-17.00	-160.00	0.00070	-15.00	-160.00	0.00069
-13.00	-160.00	0.00068	-11.00	-160.00	0.00066
-9.00	-160.00	0.00065	9.00	-160.00	0.00054
11.00	-160.00	0.00052	13.00	-160.00	0.00051
15.00	-160.00	0.00050	17.00	-160.00	0.00049
20.00	-160.00	0.00048	25.00	-160.00	0.00045
30.00	-160.00	0.00042	40.00	-160.00	0.00037
50.00	-160.00	0.00032	60.00	-160.00	0.00028
70.00	-160.00	0.00025	80.00	-160.00	0.00022
90.00	-160.00	0.00020	100.00	-160.00	0.00018
-100.00	-150.00	0.00073	-90.00	-150.00	0.00078
-80.00	-150.00	0.00084	-70.00	-150.00	0.00088
-60.00	-150.00	0.00092	-50.00	-150.00	0.00094
-40.00	-150.00	0.00093	-30.00	-150.00	0.00089
-25.00	-150.00	0.00086	-20.00	-150.00	0.00082
-17.00	-150.00	0.00080	-15.00	-150.00	0.00078
-13.00	-150.00	0.00077	-11.00	-150.00	0.00075
-9.00	-150.00	0.00074	9.00	-150.00	0.00060
11.00	-150.00	0.00059	13.00	-150.00	0.00057
15.00	-150.00	0.00056	17.00	-150.00	0.00055

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
 PAGE 67

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

		01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00053	25.00	-150.00	0.00050
30.00	-150.00	0.00047	40.00	-150.00	0.00040
50.00	-150.00	0.00035	60.00	-150.00	0.00030
70.00	-150.00	0.00026	80.00	-150.00	0.00023
90.00	-150.00	0.00021	100.00	-150.00	0.00019
-100.00	-140.00	0.00079	-90.00	-140.00	0.00085
-80.00	-140.00	0.00091	-70.00	-140.00	0.00097
-60.00	-140.00	0.00102	-50.00	-140.00	0.00106
-40.00	-140.00	0.00106	-30.00	-140.00	0.00102
-25.00	-140.00	0.00099	-20.00	-140.00	0.00095
-17.00	-140.00	0.00092	-15.00	-140.00	0.00090
-13.00	-140.00	0.00088	-11.00	-140.00	0.00086
-9.00	-140.00	0.00084	9.00	-140.00	0.00067
11.00	-140.00	0.00066	13.00	-140.00	0.00064
15.00	-140.00	0.00063	17.00	-140.00	0.00061
20.00	-140.00	0.00059	25.00	-140.00	0.00055
30.00	-140.00	0.00051	40.00	-140.00	0.00044
50.00	-140.00	0.00037	60.00	-140.00	0.00032
70.00	-140.00	0.00028	80.00	-140.00	0.00025
90.00	-140.00	0.00022	100.00	-140.00	0.00020
-100.00	-130.00	0.00084	-90.00	-130.00	0.00092
-80.00	-130.00	0.00099	-70.00	-130.00	0.00107
-60.00	-130.00	0.00114	-50.00	-130.00	0.00120
-40.00	-130.00	0.00122	-30.00	-130.00	0.00119
-25.00	-130.00	0.00115	-20.00	-130.00	0.00110
-17.00	-130.00	0.00107	-15.00	-130.00	0.00105
-13.00	-130.00	0.00102	-11.00	-130.00	0.00100
-9.00	-130.00	0.00097	9.00	-130.00	0.00076
11.00	-130.00	0.00074	13.00	-130.00	0.00072
15.00	-130.00	0.00070	17.00	-130.00	0.00069
20.00	-130.00	0.00066	25.00	-130.00	0.00061
30.00	-130.00	0.00056	40.00	-130.00	0.00047
50.00	-130.00	0.00040	60.00	-130.00	0.00034
70.00	-130.00	0.00030	80.00	-130.00	0.00027
90.00	-130.00	0.00024	100.00	-130.00	0.00021
-100.00	-120.00	0.00090	-90.00	-120.00	0.00099
-80.00	-120.00	0.00108	-70.00	-120.00	0.00118
-60.00	-120.00	0.00127	-50.00	-120.00	0.00135
-40.00	-120.00	0.00140	-30.00	-120.00	0.00139
-25.00	-120.00	0.00135	-20.00	-120.00	0.00130

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:18:59
**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00126	-15.00	-120.00	0.00123
-13.00	-120.00	0.00120	-11.00	-120.00	0.00117
-9.00	-120.00	0.00114	9.00	-120.00	0.00087
11.00	-120.00	0.00085	13.00	-120.00	0.00082
15.00	-120.00	0.00080	17.00	-120.00	0.00077
20.00	-120.00	0.00074	25.00	-120.00	0.00067
30.00	-120.00	0.00062	40.00	-120.00	0.00051
50.00	-120.00	0.00043	60.00	-120.00	0.00037
70.00	-120.00	0.00032	80.00	-120.00	0.00028
90.00	-120.00	0.00025	100.00	-120.00	0.00022
-100.00	-110.00	0.00095	-90.00	-110.00	0.00106
-80.00	-110.00	0.00117	-70.00	-110.00	0.00129
-60.00	-110.00	0.00142	-50.00	-110.00	0.00153
-40.00	-110.00	0.00161	-30.00	-110.00	0.00163
-25.00	-110.00	0.00160	-20.00	-110.00	0.00154
-17.00	-110.00	0.00150	-15.00	-110.00	0.00146
-13.00	-110.00	0.00143	-11.00	-110.00	0.00139
-9.00	-110.00	0.00135	9.00	-110.00	0.00100
11.00	-110.00	0.00097	13.00	-110.00	0.00094
15.00	-110.00	0.00091	17.00	-110.00	0.00087
20.00	-110.00	0.00083	25.00	-110.00	0.00075
30.00	-110.00	0.00068	40.00	-110.00	0.00055
50.00	-110.00	0.00046	60.00	-110.00	0.00040
70.00	-110.00	0.00034	80.00	-110.00	0.00030
90.00	-110.00	0.00026	100.00	-110.00	0.00022
-100.00	-100.00	0.00100	-90.00	-100.00	0.00112
-80.00	-100.00	0.00126	-70.00	-100.00	0.00141
-60.00	-100.00	0.00157	-50.00	-100.00	0.00173
-40.00	-100.00	0.00186	-30.00	-100.00	0.00192
-25.00	-100.00	0.00191	-20.00	-100.00	0.00186
-17.00	-100.00	0.00181	-15.00	-100.00	0.00177
-13.00	-100.00	0.00172	-11.00	-100.00	0.00167
-9.00	-100.00	0.00162	9.00	-100.00	0.00116
11.00	-100.00	0.00112	13.00	-100.00	0.00108
15.00	-100.00	0.00103	17.00	-100.00	0.00099
20.00	-100.00	0.00093	25.00	-100.00	0.00083
30.00	-100.00	0.00074	40.00	-100.00	0.00060

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

50.00	-100.00	0.00050	60.00	-100.00	0.00042
70.00	-100.00	0.00036	80.00	-100.00	0.00031
90.00	-100.00	0.00027	100.00	-100.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00105	-90.00	-90.00	0.00119
-80.00	-90.00	0.00135	-70.00	-90.00	0.00153
-60.00	-90.00	0.00173	-50.00	-90.00	0.00194
-40.00	-90.00	0.00214	-30.00	-90.00	0.00227
-25.00	-90.00	0.00229	-20.00	-90.00	0.00225
-17.00	-90.00	0.00220	-15.00	-90.00	0.00216
-13.00	-90.00	0.00210	-11.00	-90.00	0.00204
-9.00	-90.00	0.00198	9.00	-90.00	0.00135
11.00	-90.00	0.00129	13.00	-90.00	0.00123
15.00	-90.00	0.00118	17.00	-90.00	0.00112
20.00	-90.00	0.00104	25.00	-90.00	0.00091
30.00	-90.00	0.00081	40.00	-90.00	0.00065
50.00	-90.00	0.00054	60.00	-90.00	0.00045
70.00	-90.00	0.00038	80.00	-90.00	0.00032
90.00	-90.00	0.00027	100.00	-90.00	0.00023
-100.00	-80.00	0.00108	-90.00	-80.00	0.00124
-80.00	-80.00	0.00143	-70.00	-80.00	0.00164
-60.00	-80.00	0.00189	-50.00	-80.00	0.00216
-40.00	-80.00	0.00244	-30.00	-80.00	0.00266
-25.00	-80.00	0.00273	-20.00	-80.00	0.00274
-17.00	-80.00	0.00271	-15.00	-80.00	0.00267
-13.00	-80.00	0.00261	-11.00	-80.00	0.00254
-9.00	-80.00	0.00245	9.00	-80.00	0.00158
11.00	-80.00	0.00149	13.00	-80.00	0.00141
15.00	-80.00	0.00133	17.00	-80.00	0.00125
20.00	-80.00	0.00115	25.00	-80.00	0.00101
30.00	-80.00	0.00089	40.00	-80.00	0.00071
50.00	-80.00	0.00057	60.00	-80.00	0.00047
70.00	-80.00	0.00039	80.00	-80.00	0.00033
90.00	-80.00	0.00028	100.00	-80.00	0.00024
-100.00	-70.00	0.00110	-90.00	-70.00	0.00128

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-80.00	-70.00	0.00149	-70.00	-70.00	0.00173
-60.00	-70.00	0.00203	-50.00	-70.00	0.00236
-40.00	-70.00	0.00273	-30.00	-70.00	0.00309
-25.00	-70.00	0.00323	-20.00	-70.00	0.00331
-17.00	-70.00	0.00332	-15.00	-70.00	0.00330
-13.00	-70.00	0.00326	-11.00	-70.00	0.00319
-9.00	-70.00	0.00310	9.00	-70.00	0.00182
11.00	-70.00	0.00170	13.00	-70.00	0.00159
15.00	-70.00	0.00149	17.00	-70.00	0.00140

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00127	25.00	-70.00	0.00110
30.00	-70.00	0.00096	40.00	-70.00	0.00075
50.00	-70.00	0.00060	60.00	-70.00	0.00049
70.00	-70.00	0.00041	80.00	-70.00	0.00034
90.00	-70.00	0.00028	100.00	-70.00	0.00024
-100.00	-60.00	0.00111	-90.00	-60.00	0.00129
-80.00	-60.00	0.00152	-70.00	-60.00	0.00179
-60.00	-60.00	0.00213	-50.00	-60.00	0.00252
-40.00	-60.00	0.00299	-30.00	-60.00	0.00348
-25.00	-60.00	0.00372	-20.00	-60.00	0.00392
-17.00	-60.00	0.00401	-15.00	-60.00	0.00405
-13.00	-60.00	0.00406	-11.00	-60.00	0.00404
-9.00	-60.00	0.00396	9.00	-60.00	0.00208
11.00	-60.00	0.00192	13.00	-60.00	0.00177
15.00	-60.00	0.00165	17.00	-60.00	0.00154
20.00	-60.00	0.00139	25.00	-60.00	0.00119
30.00	-60.00	0.00103	40.00	-60.00	0.00079
50.00	-60.00	0.00063	60.00	-60.00	0.00051
70.00	-60.00	0.00042	80.00	-60.00	0.00035
90.00	-60.00	0.00029	100.00	-60.00	0.00024
-100.00	-50.00	0.00109	-90.00	-50.00	0.00129
-80.00	-50.00	0.00152	-70.00	-50.00	0.00181
-60.00	-50.00	0.00217	-50.00	-50.00	0.00261
-40.00	-50.00	0.00315	-30.00	-50.00	0.00376
-25.00	-50.00	0.00409	-20.00	-50.00	0.00443

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-17.00	-50.00	0.00462	-15.00	-50.00	0.00475
-13.00	-50.00	0.00487	-11.00	-50.00	0.00499
-9.00	-50.00	0.00510	9.00	-50.00	0.00233
11.00	-50.00	0.00212	13.00	-50.00	0.00194
15.00	-50.00	0.00179	17.00	-50.00	0.00165
20.00	-50.00	0.00149	25.00	-50.00	0.00126
30.00	-50.00	0.00109	40.00	-50.00	0.00083
50.00	-50.00	0.00066	60.00	-50.00	0.00053
70.00	-50.00	0.00043	80.00	-50.00	0.00036
90.00	-50.00	0.00030	100.00	-50.00	0.00025
-100.00	-40.00	0.00106	-90.00	-40.00	0.00126
-80.00	-40.00	0.00149	-70.00	-40.00	0.00179
-60.00	-40.00	0.00216	-50.00	-40.00	0.00263
-40.00	-40.00	0.00320	-30.00	-40.00	0.00387
-25.00	-40.00	0.00425	-20.00	-40.00	0.00465

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

PAGE 71

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00490	-15.00	-40.00	0.00508
-13.00	-40.00	0.00526	-11.00	-40.00	0.00548
-9.00	-40.00	0.00575	9.00	-40.00	0.00275
11.00	-40.00	0.00244	13.00	-40.00	0.00220
15.00	-40.00	0.00201	17.00	-40.00	0.00185
20.00	-40.00	0.00165	25.00	-40.00	0.00139
30.00	-40.00	0.00118	40.00	-40.00	0.00090
50.00	-40.00	0.00070	60.00	-40.00	0.00056
70.00	-40.00	0.00045	80.00	-40.00	0.00037
90.00	-40.00	0.00031	100.00	-40.00	0.00026
-100.00	-30.00	0.00102	-90.00	-30.00	0.00120
-80.00	-30.00	0.00143	-70.00	-30.00	0.00173
-60.00	-30.00	0.00209	-50.00	-30.00	0.00255
-40.00	-30.00	0.00312	-30.00	-30.00	0.00381
-25.00	-30.00	0.00421	-20.00	-30.00	0.00465
-17.00	-30.00	0.00494	-15.00	-30.00	0.00515
-13.00	-30.00	0.00538	-11.00	-30.00	0.00567
-9.00	-30.00	0.00607	9.00	-30.00	0.00375
11.00	-30.00	0.00323	13.00	-30.00	0.00284

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

15.00	-30.00	0.00254	17.00	-30.00	0.00229
20.00	-30.00	0.00199	25.00	-30.00	0.00162
30.00	-30.00	0.00136	40.00	-30.00	0.00100
50.00	-30.00	0.00077	60.00	-30.00	0.00060
70.00	-30.00	0.00048	80.00	-30.00	0.00039
90.00	-30.00	0.00032	100.00	-30.00	0.00027
-100.00	-20.00	0.00095	-90.00	-20.00	0.00112
-80.00	-20.00	0.00134	-70.00	-20.00	0.00161
-60.00	-20.00	0.00196	-50.00	-20.00	0.00241
-40.00	-20.00	0.00297	-30.00	-20.00	0.00368
-25.00	-20.00	0.00411	-20.00	-20.00	0.00460
-17.00	-20.00	0.00495	-15.00	-20.00	0.00523
-13.00	-20.00	0.00556	-11.00	-20.00	0.00597
-9.00	-20.00	0.00656	9.00	-20.00	0.00470
11.00	-20.00	0.00405	13.00	-20.00	0.00356
15.00	-20.00	0.00316	17.00	-20.00	0.00282
20.00	-20.00	0.00242	25.00	-20.00	0.00194
30.00	-20.00	0.00159	40.00	-20.00	0.00114
50.00	-20.00	0.00085	60.00	-20.00	0.00066
70.00	-20.00	0.00052	80.00	-20.00	0.00042
90.00	-20.00	0.00035	100.00	-20.00	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00087	-90.00	-10.00	0.00103
-80.00	-10.00	0.00123	-70.00	-10.00	0.00148
-60.00	-10.00	0.00180	-50.00	-10.00	0.00223
-40.00	-10.00	0.00278	-30.00	-10.00	0.00349
-25.00	-10.00	0.00395	-20.00	-10.00	0.00452
-17.00	-10.00	0.00495	-15.00	-10.00	0.00531
-13.00	-10.00	0.00574	-11.00	-10.00	0.00628
-9.00	-10.00	0.00700	9.00	-10.00	0.00540
11.00	-10.00	0.00469	13.00	-10.00	0.00414
15.00	-10.00	0.00368	17.00	-10.00	0.00330
20.00	-10.00	0.00284	25.00	-10.00	0.00226
30.00	-10.00	0.00184	40.00	-10.00	0.00129
50.00	-10.00	0.00094	60.00	-10.00	0.00072

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

70.00	-10.00	0.00056	80.00	-10.00	0.00045
90.00	-10.00	0.00037	100.00	-10.00	0.00031
-100.00	0.00	0.00079	-90.00	0.00	0.00093
-80.00	0.00	0.00110	-70.00	0.00	0.00133
-60.00	0.00	0.00163	-50.00	0.00	0.00202
-40.00	0.00	0.00253	-30.00	0.00	0.00324
-25.00	0.00	0.00373	-20.00	0.00	0.00436
-17.00	0.00	0.00487	-15.00	0.00	0.00529
-13.00	0.00	0.00581	-11.00	0.00	0.00644
-9.00	0.00	0.00725	9.00	0.00	0.00589
11.00	0.00	0.00514	13.00	0.00	0.00456
15.00	0.00	0.00408	17.00	0.00	0.00367
20.00	0.00	0.00318	25.00	0.00	0.00254
30.00	0.00	0.00207	40.00	0.00	0.00144
50.00	0.00	0.00104	60.00	0.00	0.00079
70.00	0.00	0.00061	80.00	0.00	0.00049
90.00	0.00	0.00040	100.00	0.00	0.00034
-100.00	10.00	0.00070	-90.00	10.00	0.00082
-80.00	10.00	0.00098	-70.00	10.00	0.00118
-60.00	10.00	0.00144	-50.00	10.00	0.00178
-40.00	10.00	0.00225	-30.00	10.00	0.00293
-25.00	10.00	0.00342	-20.00	10.00	0.00410
-17.00	10.00	0.00465	-15.00	10.00	0.00512
-13.00	10.00	0.00568	-11.00	10.00	0.00638
-9.00	10.00	0.00725	9.00	10.00	0.00619
11.00	10.00	0.00543	13.00	10.00	0.00484
15.00	10.00	0.00436	17.00	10.00	0.00394

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
 PAGE 73

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00343	25.00	10.00	0.00277
30.00	10.00	0.00227	40.00	10.00	0.00158
50.00	10.00	0.00115	60.00	10.00	0.00087
70.00	10.00	0.00067	80.00	10.00	0.00054
90.00	10.00	0.00044	100.00	10.00	0.00036
-100.00	20.00	0.00063	-90.00	20.00	0.00073
-80.00	20.00	0.00086	-70.00	20.00	0.00103

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-60.00	20.00	0.00125	-50.00	20.00	0.00154
-40.00	20.00	0.00195	-30.00	20.00	0.00257
-25.00	20.00	0.00304	-20.00	20.00	0.00371
-17.00	20.00	0.00427	-15.00	20.00	0.00475
-13.00	20.00	0.00533	-11.00	20.00	0.00605
-9.00	20.00	0.00697	9.00	20.00	0.00634
11.00	20.00	0.00559	13.00	20.00	0.00501
15.00	20.00	0.00454	17.00	20.00	0.00413
20.00	20.00	0.00361	25.00	20.00	0.00293
30.00	20.00	0.00242	40.00	20.00	0.00170
50.00	20.00	0.00125	60.00	20.00	0.00094
70.00	20.00	0.00073	80.00	20.00	0.00058
90.00	20.00	0.00047	100.00	20.00	0.00039
-100.00	30.00	0.00056	-90.00	30.00	0.00065
-80.00	30.00	0.00076	-70.00	30.00	0.00090
-60.00	30.00	0.00108	-50.00	30.00	0.00132
-40.00	30.00	0.00166	-30.00	30.00	0.00220
-25.00	30.00	0.00261	-20.00	30.00	0.00323
-17.00	30.00	0.00375	-15.00	30.00	0.00420
-13.00	30.00	0.00476	-11.00	30.00	0.00545
-9.00	30.00	0.00636	9.00	30.00	0.00638
11.00	30.00	0.00566	13.00	30.00	0.00509
15.00	30.00	0.00463	17.00	30.00	0.00423
20.00	30.00	0.00372	25.00	30.00	0.00305
30.00	30.00	0.00254	40.00	30.00	0.00182
50.00	30.00	0.00134	60.00	30.00	0.00102
70.00	30.00	0.00079	80.00	30.00	0.00063
90.00	30.00	0.00051	100.00	30.00	0.00042
-100.00	40.00	0.00050	-90.00	40.00	0.00058
-80.00	40.00	0.00067	-70.00	40.00	0.00079
-60.00	40.00	0.00094	-50.00	40.00	0.00115
-40.00	40.00	0.00144	-30.00	40.00	0.00190
-25.00	40.00	0.00226	-20.00	40.00	0.00279

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
 PAGE 74
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00324	-15.00	40.00	0.00361

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-13.00	40.00	0.00408	-11.00	40.00	0.00466
-9.00	40.00	0.00543	9.00	40.00	0.00635
11.00	40.00	0.00567	13.00	40.00	0.00512
15.00	40.00	0.00468	17.00	40.00	0.00429
20.00	40.00	0.00380	25.00	40.00	0.00314
30.00	40.00	0.00263	40.00	40.00	0.00190
50.00	40.00	0.00141	60.00	40.00	0.00107
70.00	40.00	0.00084	80.00	40.00	0.00067
90.00	40.00	0.00054	100.00	40.00	0.00044
-100.00	50.00	0.00045	-90.00	50.00	0.00052
-80.00	50.00	0.00060	-70.00	50.00	0.00070
-60.00	50.00	0.00084	-50.00	50.00	0.00102
-40.00	50.00	0.00129	-30.00	50.00	0.00172
-25.00	50.00	0.00207	-20.00	50.00	0.00257
-17.00	50.00	0.00298	-15.00	50.00	0.00332
-13.00	50.00	0.00373	-11.00	50.00	0.00424
-9.00	50.00	0.00486	9.00	50.00	0.00605
11.00	50.00	0.00549	13.00	50.00	0.00500
15.00	50.00	0.00459	17.00	50.00	0.00423
20.00	50.00	0.00376	25.00	50.00	0.00313
30.00	50.00	0.00264	40.00	50.00	0.00193
50.00	50.00	0.00145	60.00	50.00	0.00111
70.00	50.00	0.00087	80.00	50.00	0.00069
90.00	50.00	0.00056	100.00	50.00	0.00046
-100.00	60.00	0.00041	-90.00	60.00	0.00047
-80.00	60.00	0.00055	-70.00	60.00	0.00064
-60.00	60.00	0.00077	-50.00	60.00	0.00095
-40.00	60.00	0.00122	-30.00	60.00	0.00166
-25.00	60.00	0.00201	-20.00	60.00	0.00250
-17.00	60.00	0.00290	-15.00	60.00	0.00322
-13.00	60.00	0.00360	-11.00	60.00	0.00405
-9.00	60.00	0.00455	9.00	60.00	0.00509
11.00	60.00	0.00475	13.00	60.00	0.00443
15.00	60.00	0.00414	17.00	60.00	0.00387
20.00	60.00	0.00350	25.00	60.00	0.00298
30.00	60.00	0.00255	40.00	60.00	0.00190
50.00	60.00	0.00145	60.00	60.00	0.00113
70.00	60.00	0.00089	80.00	60.00	0.00072
90.00	60.00	0.00058	100.00	60.00	0.00048

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:18:59

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00038	-90.00	70.00	0.00044
-80.00	70.00	0.00051	-70.00	70.00	0.00061
-60.00	70.00	0.00073	-50.00	70.00	0.00091
-40.00	70.00	0.00117	-30.00	70.00	0.00161
-25.00	70.00	0.00194	-20.00	70.00	0.00240
-17.00	70.00	0.00275	-15.00	70.00	0.00302
-13.00	70.00	0.00332	-11.00	70.00	0.00364
-9.00	70.00	0.00396	9.00	70.00	0.00415
11.00	70.00	0.00394	13.00	70.00	0.00373
15.00	70.00	0.00354	17.00	70.00	0.00335
20.00	70.00	0.00309	25.00	70.00	0.00270
30.00	70.00	0.00237	40.00	70.00	0.00183
50.00	70.00	0.00142	60.00	70.00	0.00112
70.00	70.00	0.00089	80.00	70.00	0.00072
90.00	70.00	0.00059	100.00	70.00	0.00049
-100.00	80.00	0.00037	-90.00	80.00	0.00042
-80.00	80.00	0.00049	-70.00	80.00	0.00058
-60.00	80.00	0.00070	-50.00	80.00	0.00087
-40.00	80.00	0.00112	-30.00	80.00	0.00154
-25.00	80.00	0.00184	-20.00	80.00	0.00223
-17.00	80.00	0.00251	-15.00	80.00	0.00272
-13.00	80.00	0.00293	-11.00	80.00	0.00313
-9.00	80.00	0.00333	9.00	80.00	0.00339
11.00	80.00	0.00325	13.00	80.00	0.00312
15.00	80.00	0.00299	17.00	80.00	0.00286
20.00	80.00	0.00268	25.00	80.00	0.00239
30.00	80.00	0.00214	40.00	80.00	0.00170
50.00	80.00	0.00136	60.00	80.00	0.00109
70.00	80.00	0.00088	80.00	80.00	0.00072
90.00	80.00	0.00060	100.00	80.00	0.00050
-100.00	90.00	0.00035	-90.00	90.00	0.00041
-80.00	90.00	0.00047	-70.00	90.00	0.00056
-60.00	90.00	0.00067	-50.00	90.00	0.00083
-40.00	90.00	0.00107	-30.00	90.00	0.00145
-25.00	90.00	0.00171	-20.00	90.00	0.00203
-17.00	90.00	0.00224	-15.00	90.00	0.00239
-13.00	90.00	0.00253	-11.00	90.00	0.00266
-9.00	90.00	0.00277	9.00	90.00	0.00280
11.00	90.00	0.00271	13.00	90.00	0.00262

15.00 90.00 0.00252 17.00 90.00 0.00243

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
 PAGE 76

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00230	25.00	90.00	0.00209
30.00	90.00	0.00190	40.00	90.00	0.00156
50.00	90.00	0.00128	60.00	90.00	0.00105
70.00	90.00	0.00086	80.00	90.00	0.00071
90.00	90.00	0.00059	100.00	90.00	0.00050
-100.00	100.00	0.00034	-90.00	100.00	0.00039
-80.00	100.00	0.00045	-70.00	100.00	0.00053
-60.00	100.00	0.00064	-50.00	100.00	0.00079
-40.00	100.00	0.00102	-30.00	100.00	0.00135
-25.00	100.00	0.00157	-20.00	100.00	0.00182
-17.00	100.00	0.00197	-15.00	100.00	0.00207
-13.00	100.00	0.00216	-11.00	100.00	0.00225
-9.00	100.00	0.00232	9.00	100.00	0.00234
11.00	100.00	0.00228	13.00	100.00	0.00221
15.00	100.00	0.00215	17.00	100.00	0.00208
20.00	100.00	0.00198	25.00	100.00	0.00183
30.00	100.00	0.00168	40.00	100.00	0.00142
50.00	100.00	0.00119	60.00	100.00	0.00099
70.00	100.00	0.00083	80.00	100.00	0.00070
90.00	100.00	0.00059	100.00	100.00	0.00050
-100.00	110.00	0.00033	-90.00	110.00	0.00037
-80.00	110.00	0.00043	-70.00	110.00	0.00051
-60.00	110.00	0.00061	-50.00	110.00	0.00075
-40.00	110.00	0.00096	-30.00	110.00	0.00125
-25.00	110.00	0.00143	-20.00	110.00	0.00162
-17.00	110.00	0.00173	-15.00	110.00	0.00179
-13.00	110.00	0.00186	-11.00	110.00	0.00191
-9.00	110.00	0.00196	9.00	110.00	0.00197
11.00	110.00	0.00193	13.00	110.00	0.00189
15.00	110.00	0.00184	17.00	110.00	0.00179
20.00	110.00	0.00171	25.00	110.00	0.00160
30.00	110.00	0.00148	40.00	110.00	0.00128
50.00	110.00	0.00110	60.00	110.00	0.00093

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

70.00	110.00	0.00079	80.00	110.00	0.00067
90.00	110.00	0.00057	100.00	110.00	0.00049
-100.00	120.00	0.00031	-90.00	120.00	0.00036
-80.00	120.00	0.00041	-70.00	120.00	0.00048
-60.00	120.00	0.00058	-50.00	120.00	0.00071
-40.00	120.00	0.00090	-30.00	120.00	0.00114
-25.00	120.00	0.00129	-20.00	120.00	0.00143

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:
PAGE 77

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00151	-15.00	120.00	0.00156
-13.00	120.00	0.00160	-11.00	120.00	0.00164
-9.00	120.00	0.00168	9.00	120.00	0.00169
11.00	120.00	0.00166	13.00	120.00	0.00162
15.00	120.00	0.00159	17.00	120.00	0.00155
20.00	120.00	0.00149	25.00	120.00	0.00140
30.00	120.00	0.00131	40.00	120.00	0.00115
50.00	120.00	0.00100	60.00	120.00	0.00087
70.00	120.00	0.00075	80.00	120.00	0.00064
90.00	120.00	0.00055	100.00	120.00	0.00048
-100.00	130.00	0.00030	-90.00	130.00	0.00034
-80.00	130.00	0.00040	-70.00	130.00	0.00046
-60.00	130.00	0.00055	-50.00	130.00	0.00067
-40.00	130.00	0.00084	-30.00	130.00	0.00105
-25.00	130.00	0.00116	-20.00	130.00	0.00127
-17.00	130.00	0.00133	-15.00	130.00	0.00136
-13.00	130.00	0.00139	-11.00	130.00	0.00142
-9.00	130.00	0.00145	9.00	130.00	0.00146
11.00	130.00	0.00143	13.00	130.00	0.00141
15.00	130.00	0.00138	17.00	130.00	0.00136
20.00	130.00	0.00131	25.00	130.00	0.00124
30.00	130.00	0.00117	40.00	130.00	0.00104
50.00	130.00	0.00092	60.00	130.00	0.00081
70.00	130.00	0.00070	80.00	130.00	0.00061
90.00	130.00	0.00053	100.00	130.00	0.00046
-100.00	140.00	0.00029	-90.00	140.00	0.00033
-80.00	140.00	0.00038	-70.00	140.00	0.00044

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-60.00	140.00	0.00053	-50.00	140.00	0.00064
-40.00	140.00	0.00078	-30.00	140.00	0.00096
-25.00	140.00	0.00105	-20.00	140.00	0.00113
-17.00	140.00	0.00117	-15.00	140.00	0.00120
-13.00	140.00	0.00122	-11.00	140.00	0.00124
-9.00	140.00	0.00126	9.00	140.00	0.00127
11.00	140.00	0.00125	13.00	140.00	0.00123
15.00	140.00	0.00122	17.00	140.00	0.00119
20.00	140.00	0.00116	25.00	140.00	0.00110
30.00	140.00	0.00104	40.00	140.00	0.00093
50.00	140.00	0.00084	60.00	140.00	0.00075
70.00	140.00	0.00066	80.00	140.00	0.00058
90.00	140.00	0.00051	100.00	140.00	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:
 PAGE 78

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00028	-90.00	150.00	0.00032
-80.00	150.00	0.00036	-70.00	150.00	0.00042
-60.00	150.00	0.00050	-50.00	150.00	0.00060
-40.00	150.00	0.00073	-30.00	150.00	0.00087
-25.00	150.00	0.00094	-20.00	150.00	0.00101
-17.00	150.00	0.00104	-15.00	150.00	0.00106
-13.00	150.00	0.00108	-11.00	150.00	0.00109
-9.00	150.00	0.00111	9.00	150.00	0.00111
11.00	150.00	0.00110	13.00	150.00	0.00109
15.00	150.00	0.00107	17.00	150.00	0.00106
20.00	150.00	0.00103	25.00	150.00	0.00098
30.00	150.00	0.00093	40.00	150.00	0.00085
50.00	150.00	0.00076	60.00	150.00	0.00069
70.00	150.00	0.00062	80.00	150.00	0.00055
90.00	150.00	0.00049	100.00	150.00	0.00043
-100.00	160.00	0.00027	-90.00	160.00	0.00030
-80.00	160.00	0.00035	-70.00	160.00	0.00040
-60.00	160.00	0.00047	-50.00	160.00	0.00057
-40.00	160.00	0.00068	-30.00	160.00	0.00080
-25.00	160.00	0.00085	-20.00	160.00	0.00090
-17.00	160.00	0.00093	-15.00	160.00	0.00094

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-13.00	160.00	0.00096	-11.00	160.00	0.00097
-9.00	160.00	0.00098	9.00	160.00	0.00099
11.00	160.00	0.00098	13.00	160.00	0.00097
15.00	160.00	0.00096	17.00	160.00	0.00094
20.00	160.00	0.00092	25.00	160.00	0.00088
30.00	160.00	0.00084	40.00	160.00	0.00077
50.00	160.00	0.00070	60.00	160.00	0.00064
70.00	160.00	0.00058	80.00	160.00	0.00052
90.00	160.00	0.00046	100.00	160.00	0.00041
-100.00	170.00	0.00026	-90.00	170.00	0.00029
-80.00	170.00	0.00033	-70.00	170.00	0.00038
-60.00	170.00	0.00045	-50.00	170.00	0.00053
-40.00	170.00	0.00063	-30.00	170.00	0.00073
-25.00	170.00	0.00077	-20.00	170.00	0.00081
-17.00	170.00	0.00083	-15.00	170.00	0.00085
-13.00	170.00	0.00086	-11.00	170.00	0.00087
-9.00	170.00	0.00087	9.00	170.00	0.00088
11.00	170.00	0.00087	13.00	170.00	0.00086
15.00	170.00	0.00086	17.00	170.00	0.00085

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00083	25.00	170.00	0.00080
30.00	170.00	0.00076	40.00	170.00	0.00070
50.00	170.00	0.00064	60.00	170.00	0.00059
70.00	170.00	0.00054	80.00	170.00	0.00049
90.00	170.00	0.00044	100.00	170.00	0.00040
-100.00	180.00	0.00025	-90.00	180.00	0.00028
-80.00	180.00	0.00032	-70.00	180.00	0.00037
-60.00	180.00	0.00043	-50.00	180.00	0.00050
-40.00	180.00	0.00059	-30.00	180.00	0.00067
-25.00	180.00	0.00071	-20.00	180.00	0.00074
-17.00	180.00	0.00075	-15.00	180.00	0.00076
-13.00	180.00	0.00077	-11.00	180.00	0.00078
-9.00	180.00	0.00078	9.00	180.00	0.00079
11.00	180.00	0.00078	13.00	180.00	0.00078
15.00	180.00	0.00077	17.00	180.00	0.00076

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

20.00	180.00	0.00075	25.00	180.00	0.00072
30.00	180.00	0.00070	40.00	180.00	0.00064
50.00	180.00	0.00059	60.00	180.00	0.00054
70.00	180.00	0.00050	80.00	180.00	0.00046
90.00	180.00	0.00042	100.00	180.00	0.00038
-100.00	190.00	0.00024	-90.00	190.00	0.00027
-80.00	190.00	0.00031	-70.00	190.00	0.00035
-60.00	190.00	0.00041	-50.00	190.00	0.00048
-40.00	190.00	0.00055	-30.00	190.00	0.00061
-25.00	190.00	0.00064	-20.00	190.00	0.00067
-17.00	190.00	0.00068	-15.00	190.00	0.00069
-13.00	190.00	0.00070	-11.00	190.00	0.00070
-9.00	190.00	0.00071	9.00	190.00	0.00071
11.00	190.00	0.00071	13.00	190.00	0.00070
15.00	190.00	0.00070	17.00	190.00	0.00069
20.00	190.00	0.00068	25.00	190.00	0.00066
30.00	190.00	0.00064	40.00	190.00	0.00059
50.00	190.00	0.00054	60.00	190.00	0.00050
70.00	190.00	0.00047	80.00	190.00	0.00043
90.00	190.00	0.00039	100.00	190.00	0.00036
-100.00	200.00	0.00023	-90.00	200.00	0.00026
-80.00	200.00	0.00029	-70.00	200.00	0.00034
-60.00	200.00	0.00039	-50.00	200.00	0.00045
-40.00	200.00	0.00051	-30.00	200.00	0.00057
-25.00	200.00	0.00059	-20.00	200.00	0.00061

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00062	-15.00	200.00	0.00063
-13.00	200.00	0.00063	-11.00	200.00	0.00064
-9.00	200.00	0.00064	9.00	200.00	0.00065
11.00	200.00	0.00064	13.00	200.00	0.00064
15.00	200.00	0.00063	17.00	200.00	0.00063
20.00	200.00	0.00062	25.00	200.00	0.00060
30.00	200.00	0.00058	40.00	200.00	0.00054
50.00	200.00	0.00050	60.00	200.00	0.00047
70.00	200.00	0.00044	80.00	200.00	0.00040

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

90.00	200.00	0.00037	100.00	200.00	0.00034
-100.00	210.00	0.00022	-90.00	210.00	0.00025
-80.00	210.00	0.00028	-70.00	210.00	0.00032
-60.00	210.00	0.00037	-50.00	210.00	0.00042
-40.00	210.00	0.00047	-30.00	210.00	0.00052
-25.00	210.00	0.00054	-20.00	210.00	0.00056
-17.00	210.00	0.00057	-15.00	210.00	0.00057
-13.00	210.00	0.00058	-11.00	210.00	0.00058
-9.00	210.00	0.00058	9.00	210.00	0.00059
11.00	210.00	0.00059	13.00	210.00	0.00058
15.00	210.00	0.00058	17.00	210.00	0.00057
20.00	210.00	0.00057	25.00	210.00	0.00055
30.00	210.00	0.00054	40.00	210.00	0.00050
50.00	210.00	0.00047	60.00	210.00	0.00044
70.00	210.00	0.00041	80.00	210.00	0.00038
90.00	210.00	0.00035	100.00	210.00	0.00033
-100.00	220.00	0.00021	-90.00	220.00	0.00024
-80.00	220.00	0.00027	-70.00	220.00	0.00031
-60.00	220.00	0.00035	-50.00	220.00	0.00040
-40.00	220.00	0.00044	-30.00	220.00	0.00048
-25.00	220.00	0.00050	-20.00	220.00	0.00051
-17.00	220.00	0.00052	-15.00	220.00	0.00053
-13.00	220.00	0.00053	-11.00	220.00	0.00053
-9.00	220.00	0.00054	9.00	220.00	0.00054
11.00	220.00	0.00054	13.00	220.00	0.00053
15.00	220.00	0.00053	17.00	220.00	0.00053
20.00	220.00	0.00052	25.00	220.00	0.00051
30.00	220.00	0.00049	40.00	220.00	0.00046
50.00	220.00	0.00043	60.00	220.00	0.00041
70.00	220.00	0.00038	80.00	220.00	0.00036
90.00	220.00	0.00033	100.00	220.00	0.00031

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00021	-90.00	230.00	0.00023
-80.00	230.00	0.00026	-70.00	230.00	0.00030
-60.00	230.00	0.00033	-50.00	230.00	0.00038

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-40.00	230.00	0.00041	-30.00	230.00	0.00045
-25.00	230.00	0.00046	-20.00	230.00	0.00047
-17.00	230.00	0.00048	-15.00	230.00	0.00048
-13.00	230.00	0.00049	-11.00	230.00	0.00049
-9.00	230.00	0.00049	9.00	230.00	0.00050
11.00	230.00	0.00049	13.00	230.00	0.00049
15.00	230.00	0.00049	17.00	230.00	0.00049
20.00	230.00	0.00048	25.00	230.00	0.00047
30.00	230.00	0.00046	40.00	230.00	0.00043
50.00	230.00	0.00040	60.00	230.00	0.00038
70.00	230.00	0.00036	80.00	230.00	0.00034
90.00	230.00	0.00031	100.00	230.00	0.00029
-100.00	240.00	0.00020	-90.00	240.00	0.00022
-80.00	240.00	0.00025	-70.00	240.00	0.00028
-60.00	240.00	0.00032	-50.00	240.00	0.00035
-40.00	240.00	0.00039	-30.00	240.00	0.00042
-25.00	240.00	0.00043	-20.00	240.00	0.00044
-17.00	240.00	0.00044	-15.00	240.00	0.00045
-13.00	240.00	0.00045	-11.00	240.00	0.00045
-9.00	240.00	0.00045	9.00	240.00	0.00046
11.00	240.00	0.00046	13.00	240.00	0.00045
15.00	240.00	0.00045	17.00	240.00	0.00045
20.00	240.00	0.00044	25.00	240.00	0.00044
30.00	240.00	0.00043	40.00	240.00	0.00040
50.00	240.00	0.00038	60.00	240.00	0.00036
70.00	240.00	0.00034	80.00	240.00	0.00032
90.00	240.00	0.00030	100.00	240.00	0.00028
-100.00	250.00	0.00019	-90.00	250.00	0.00021
-80.00	250.00	0.00024	-70.00	250.00	0.00027
-60.00	250.00	0.00030	-50.00	250.00	0.00033
-40.00	250.00	0.00036	-30.00	250.00	0.00039
-25.00	250.00	0.00040	-20.00	250.00	0.00041
-17.00	250.00	0.00041	-15.00	250.00	0.00041
-13.00	250.00	0.00042	-11.00	250.00	0.00042
-9.00	250.00	0.00042	9.00	250.00	0.00042
11.00	250.00	0.00042	13.00	250.00	0.00042
15.00	250.00	0.00042	17.00	250.00	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:
 PAGE 82

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

01NCRA_NAPA94-300 DPM TRAV ANN N-S Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00041	25.00	250.00	0.00040
30.00	250.00	0.00040	40.00	250.00	0.00038
50.00	250.00	0.00035	60.00	250.00	0.00033
70.00	250.00	0.00032	80.00	250.00	0.00030
90.00	250.00	0.00028	100.00	250.00	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00068	-90.00	-250.00	0.00072
-80.00	-250.00	0.00077	-70.00	-250.00	0.00080
-60.00	-250.00	0.00083	-50.00	-250.00	0.00083
-40.00	-250.00	0.00082	-30.00	-250.00	0.00078
-25.00	-250.00	0.00075	-20.00	-250.00	0.00072
-17.00	-250.00	0.00070	-15.00	-250.00	0.00069
-13.00	-250.00	0.00068	-11.00	-250.00	0.00066
-9.00	-250.00	0.00065	9.00	-250.00	0.00054
11.00	-250.00	0.00052	13.00	-250.00	0.00051
15.00	-250.00	0.00050	17.00	-250.00	0.00049
20.00	-250.00	0.00048	25.00	-250.00	0.00045
30.00	-250.00	0.00042	40.00	-250.00	0.00037
50.00	-250.00	0.00032	60.00	-250.00	0.00028
70.00	-250.00	0.00025	80.00	-250.00	0.00022
90.00	-250.00	0.00020	100.00	-250.00	0.00018
-100.00	-240.00	0.00073	-90.00	-240.00	0.00078
-80.00	-240.00	0.00084	-70.00	-240.00	0.00088
-60.00	-240.00	0.00092	-50.00	-240.00	0.00094
-40.00	-240.00	0.00093	-30.00	-240.00	0.00089
-25.00	-240.00	0.00086	-20.00	-240.00	0.00082
-17.00	-240.00	0.00080	-15.00	-240.00	0.00078
-13.00	-240.00	0.00077	-11.00	-240.00	0.00075
-9.00	-240.00	0.00074	9.00	-240.00	0.00060
11.00	-240.00	0.00059	13.00	-240.00	0.00057
15.00	-240.00	0.00056	17.00	-240.00	0.00055
20.00	-240.00	0.00053	25.00	-240.00	0.00050

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

30.00	-240.00	0.00047	40.00	-240.00	0.00040
50.00	-240.00	0.00035	60.00	-240.00	0.00030
70.00	-240.00	0.00026	80.00	-240.00	0.00023
90.00	-240.00	0.00021	100.00	-240.00	0.00019
-100.00	-230.00	0.00079	-90.00	-230.00	0.00085
-80.00	-230.00	0.00091	-70.00	-230.00	0.00097
-60.00	-230.00	0.00102	-50.00	-230.00	0.00106
-40.00	-230.00	0.00106	-30.00	-230.00	0.00102
-25.00	-230.00	0.00099	-20.00	-230.00	0.00095
-17.00	-230.00	0.00092	-15.00	-230.00	0.00090
-13.00	-230.00	0.00088	-11.00	-230.00	0.00086
-9.00	-230.00	0.00084	9.00	-230.00	0.00067
11.00	-230.00	0.00066	13.00	-230.00	0.00064
15.00	-230.00	0.00063	17.00	-230.00	0.00061

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

PAGE 84

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00059	25.00	-230.00	0.00055
30.00	-230.00	0.00051	40.00	-230.00	0.00044
50.00	-230.00	0.00037	60.00	-230.00	0.00032
70.00	-230.00	0.00028	80.00	-230.00	0.00025
90.00	-230.00	0.00022	100.00	-230.00	0.00020
-100.00	-220.00	0.00084	-90.00	-220.00	0.00092
-80.00	-220.00	0.00099	-70.00	-220.00	0.00107
-60.00	-220.00	0.00114	-50.00	-220.00	0.00120
-40.00	-220.00	0.00122	-30.00	-220.00	0.00119
-25.00	-220.00	0.00115	-20.00	-220.00	0.00110
-17.00	-220.00	0.00107	-15.00	-220.00	0.00105
-13.00	-220.00	0.00102	-11.00	-220.00	0.00100
-9.00	-220.00	0.00097	9.00	-220.00	0.00076
11.00	-220.00	0.00074	13.00	-220.00	0.00072
15.00	-220.00	0.00070	17.00	-220.00	0.00069
20.00	-220.00	0.00066	25.00	-220.00	0.00061
30.00	-220.00	0.00056	40.00	-220.00	0.00047
50.00	-220.00	0.00040	60.00	-220.00	0.00034
70.00	-220.00	0.00030	80.00	-220.00	0.00027
90.00	-220.00	0.00024	100.00	-220.00	0.00021

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-100.00	-210.00	0.00090	-90.00	-210.00	0.00099
-80.00	-210.00	0.00108	-70.00	-210.00	0.00118
-60.00	-210.00	0.00127	-50.00	-210.00	0.00135
-40.00	-210.00	0.00140	-30.00	-210.00	0.00139
-25.00	-210.00	0.00135	-20.00	-210.00	0.00130
-17.00	-210.00	0.00126	-15.00	-210.00	0.00123
-13.00	-210.00	0.00120	-11.00	-210.00	0.00117
-9.00	-210.00	0.00114	9.00	-210.00	0.00087
11.00	-210.00	0.00085	13.00	-210.00	0.00082
15.00	-210.00	0.00080	17.00	-210.00	0.00077
20.00	-210.00	0.00074	25.00	-210.00	0.00067
30.00	-210.00	0.00062	40.00	-210.00	0.00051
50.00	-210.00	0.00043	60.00	-210.00	0.00037
70.00	-210.00	0.00032	80.00	-210.00	0.00028
90.00	-210.00	0.00025	100.00	-210.00	0.00022
-100.00	-200.00	0.00095	-90.00	-200.00	0.00106
-80.00	-200.00	0.00117	-70.00	-200.00	0.00129
-60.00	-200.00	0.00142	-50.00	-200.00	0.00153
-40.00	-200.00	0.00161	-30.00	-200.00	0.00163
-25.00	-200.00	0.00160	-20.00	-200.00	0.00154

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTS:
 PAGE 85
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00150	-15.00	-200.00	0.00146
-13.00	-200.00	0.00143	-11.00	-200.00	0.00139
-9.00	-200.00	0.00135	9.00	-200.00	0.00100
11.00	-200.00	0.00097	13.00	-200.00	0.00094
15.00	-200.00	0.00091	17.00	-200.00	0.00087
20.00	-200.00	0.00083	25.00	-200.00	0.00075
30.00	-200.00	0.00068	40.00	-200.00	0.00055
50.00	-200.00	0.00046	60.00	-200.00	0.00040
70.00	-200.00	0.00034	80.00	-200.00	0.00030
90.00	-200.00	0.00026	100.00	-200.00	0.00022
-100.00	-190.00	0.00100	-90.00	-190.00	0.00112
-80.00	-190.00	0.00126	-70.00	-190.00	0.00141
-60.00	-190.00	0.00157	-50.00	-190.00	0.00173
-40.00	-190.00	0.00186	-30.00	-190.00	0.00192

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-25.00	-190.00	0.00191	-20.00	-190.00	0.00186
-17.00	-190.00	0.00181	-15.00	-190.00	0.00177
-13.00	-190.00	0.00172	-11.00	-190.00	0.00167
-9.00	-190.00	0.00162	9.00	-190.00	0.00116
11.00	-190.00	0.00112	13.00	-190.00	0.00108
15.00	-190.00	0.00103	17.00	-190.00	0.00099
20.00	-190.00	0.00093	25.00	-190.00	0.00083
30.00	-190.00	0.00074	40.00	-190.00	0.00060
50.00	-190.00	0.00050	60.00	-190.00	0.00042
70.00	-190.00	0.00036	80.00	-190.00	0.00031
90.00	-190.00	0.00027	100.00	-190.00	0.00023
-100.00	-180.00	0.00105	-90.00	-180.00	0.00119
-80.00	-180.00	0.00135	-70.00	-180.00	0.00153
-60.00	-180.00	0.00173	-50.00	-180.00	0.00194
-40.00	-180.00	0.00214	-30.00	-180.00	0.00227
-25.00	-180.00	0.00229	-20.00	-180.00	0.00225
-17.00	-180.00	0.00220	-15.00	-180.00	0.00216
-13.00	-180.00	0.00210	-11.00	-180.00	0.00204
-9.00	-180.00	0.00198	9.00	-180.00	0.00135
11.00	-180.00	0.00129	13.00	-180.00	0.00123
15.00	-180.00	0.00118	17.00	-180.00	0.00112
20.00	-180.00	0.00104	25.00	-180.00	0.00091
30.00	-180.00	0.00081	40.00	-180.00	0.00065
50.00	-180.00	0.00054	60.00	-180.00	0.00045
70.00	-180.00	0.00038	80.00	-180.00	0.00032
90.00	-180.00	0.00027	100.00	-180.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTS:
 PAGE 86

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00108	-90.00	-170.00	0.00124
-80.00	-170.00	0.00143	-70.00	-170.00	0.00164
-60.00	-170.00	0.00189	-50.00	-170.00	0.00216
-40.00	-170.00	0.00244	-30.00	-170.00	0.00266
-25.00	-170.00	0.00273	-20.00	-170.00	0.00274
-17.00	-170.00	0.00271	-15.00	-170.00	0.00267
-13.00	-170.00	0.00261	-11.00	-170.00	0.00254
-9.00	-170.00	0.00245	9.00	-170.00	0.00158

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

11.00	-170.00	0.00149	13.00	-170.00	0.00141
15.00	-170.00	0.00133	17.00	-170.00	0.00125
20.00	-170.00	0.00115	25.00	-170.00	0.00101
30.00	-170.00	0.00089	40.00	-170.00	0.00071
50.00	-170.00	0.00057	60.00	-170.00	0.00047
70.00	-170.00	0.00039	80.00	-170.00	0.00033
90.00	-170.00	0.00028	100.00	-170.00	0.00024
-100.00	-160.00	0.00110	-90.00	-160.00	0.00128
-80.00	-160.00	0.00149	-70.00	-160.00	0.00173
-60.00	-160.00	0.00203	-50.00	-160.00	0.00236
-40.00	-160.00	0.00273	-30.00	-160.00	0.00309
-25.00	-160.00	0.00323	-20.00	-160.00	0.00331
-17.00	-160.00	0.00332	-15.00	-160.00	0.00330
-13.00	-160.00	0.00326	-11.00	-160.00	0.00319
-9.00	-160.00	0.00310	9.00	-160.00	0.00182
11.00	-160.00	0.00170	13.00	-160.00	0.00159
15.00	-160.00	0.00149	17.00	-160.00	0.00140
20.00	-160.00	0.00127	25.00	-160.00	0.00110
30.00	-160.00	0.00096	40.00	-160.00	0.00075
50.00	-160.00	0.00060	60.00	-160.00	0.00049
70.00	-160.00	0.00041	80.00	-160.00	0.00034
90.00	-160.00	0.00028	100.00	-160.00	0.00024
-100.00	-150.00	0.00111	-90.00	-150.00	0.00129
-80.00	-150.00	0.00152	-70.00	-150.00	0.00179
-60.00	-150.00	0.00213	-50.00	-150.00	0.00252
-40.00	-150.00	0.00299	-30.00	-150.00	0.00348
-25.00	-150.00	0.00372	-20.00	-150.00	0.00392
-17.00	-150.00	0.00401	-15.00	-150.00	0.00405
-13.00	-150.00	0.00406	-11.00	-150.00	0.00404
-9.00	-150.00	0.00396	9.00	-150.00	0.00208
11.00	-150.00	0.00192	13.00	-150.00	0.00177
15.00	-150.00	0.00165	17.00	-150.00	0.00154

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTS:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00139	25.00	-150.00	0.00119
30.00	-150.00	0.00103	40.00	-150.00	0.00079

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

50.00	-150.00	0.00063	60.00	-150.00	0.00051
70.00	-150.00	0.00042	80.00	-150.00	0.00035
90.00	-150.00	0.00029	100.00	-150.00	0.00024
-100.00	-140.00	0.00109	-90.00	-140.00	0.00129
-80.00	-140.00	0.00152	-70.00	-140.00	0.00181
-60.00	-140.00	0.00217	-50.00	-140.00	0.00261
-40.00	-140.00	0.00315	-30.00	-140.00	0.00376
-25.00	-140.00	0.00409	-20.00	-140.00	0.00443
-17.00	-140.00	0.00462	-15.00	-140.00	0.00475
-13.00	-140.00	0.00487	-11.00	-140.00	0.00499
-9.00	-140.00	0.00510	9.00	-140.00	0.00233
11.00	-140.00	0.00212	13.00	-140.00	0.00194
15.00	-140.00	0.00179	17.00	-140.00	0.00165
20.00	-140.00	0.00149	25.00	-140.00	0.00126
30.00	-140.00	0.00109	40.00	-140.00	0.00083
50.00	-140.00	0.00066	60.00	-140.00	0.00053
70.00	-140.00	0.00043	80.00	-140.00	0.00036
90.00	-140.00	0.00030	100.00	-140.00	0.00025
-100.00	-130.00	0.00106	-90.00	-130.00	0.00126
-80.00	-130.00	0.00149	-70.00	-130.00	0.00179
-60.00	-130.00	0.00216	-50.00	-130.00	0.00263
-40.00	-130.00	0.00320	-30.00	-130.00	0.00387
-25.00	-130.00	0.00425	-20.00	-130.00	0.00465
-17.00	-130.00	0.00490	-15.00	-130.00	0.00508
-13.00	-130.00	0.00526	-11.00	-130.00	0.00548
-9.00	-130.00	0.00575	9.00	-130.00	0.00275
11.00	-130.00	0.00244	13.00	-130.00	0.00220
15.00	-130.00	0.00201	17.00	-130.00	0.00185
20.00	-130.00	0.00165	25.00	-130.00	0.00139
30.00	-130.00	0.00118	40.00	-130.00	0.00090
50.00	-130.00	0.00070	60.00	-130.00	0.00056
70.00	-130.00	0.00045	80.00	-130.00	0.00037
90.00	-130.00	0.00031	100.00	-130.00	0.00026
-100.00	-120.00	0.00102	-90.00	-120.00	0.00120
-80.00	-120.00	0.00143	-70.00	-120.00	0.00173
-60.00	-120.00	0.00209	-50.00	-120.00	0.00255
-40.00	-120.00	0.00312	-30.00	-120.00	0.00381
-25.00	-120.00	0.00421	-20.00	-120.00	0.00465

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTS:
 PAGE 88

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

01NCRA NAPA94-300_DPM_TRAV ANN N-S Bound
 INCLUDING SOURCE(S) : NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00494	-15.00	-120.00	0.00515
-13.00	-120.00	0.00538	-11.00	-120.00	0.00567
-9.00	-120.00	0.00607	9.00	-120.00	0.00375
11.00	-120.00	0.00323	13.00	-120.00	0.00284
15.00	-120.00	0.00254	17.00	-120.00	0.00229
20.00	-120.00	0.00199	25.00	-120.00	0.00162
30.00	-120.00	0.00136	40.00	-120.00	0.00100
50.00	-120.00	0.00077	60.00	-120.00	0.00060
70.00	-120.00	0.00048	80.00	-120.00	0.00039
90.00	-120.00	0.00032	100.00	-120.00	0.00027
-100.00	-110.00	0.00095	-90.00	-110.00	0.00112
-80.00	-110.00	0.00134	-70.00	-110.00	0.00161
-60.00	-110.00	0.00196	-50.00	-110.00	0.00241
-40.00	-110.00	0.00297	-30.00	-110.00	0.00368
-25.00	-110.00	0.00411	-20.00	-110.00	0.00460
-17.00	-110.00	0.00495	-15.00	-110.00	0.00523
-13.00	-110.00	0.00556	-11.00	-110.00	0.00597
-9.00	-110.00	0.00656	9.00	-110.00	0.00470
11.00	-110.00	0.00405	13.00	-110.00	0.00356
15.00	-110.00	0.00316	17.00	-110.00	0.00282
20.00	-110.00	0.00242	25.00	-110.00	0.00194
30.00	-110.00	0.00159	40.00	-110.00	0.00114
50.00	-110.00	0.00085	60.00	-110.00	0.00066
70.00	-110.00	0.00052	80.00	-110.00	0.00042
90.00	-110.00	0.00035	100.00	-110.00	0.00029
-100.00	-100.00	0.00087	-90.00	-100.00	0.00103
-80.00	-100.00	0.00123	-70.00	-100.00	0.00148
-60.00	-100.00	0.00180	-50.00	-100.00	0.00223
-40.00	-100.00	0.00278	-30.00	-100.00	0.00349
-25.00	-100.00	0.00395	-20.00	-100.00	0.00452
-17.00	-100.00	0.00495	-15.00	-100.00	0.00531
-13.00	-100.00	0.00574	-11.00	-100.00	0.00628
-9.00	-100.00	0.00700	9.00	-100.00	0.00540
11.00	-100.00	0.00469	13.00	-100.00	0.00414
15.00	-100.00	0.00368	17.00	-100.00	0.00330
20.00	-100.00	0.00284	25.00	-100.00	0.00226
30.00	-100.00	0.00184	40.00	-100.00	0.00129
50.00	-100.00	0.00094	60.00	-100.00	0.00072
70.00	-100.00	0.00056	80.00	-100.00	0.00045
90.00	-100.00	0.00037	100.00	-100.00	0.00031

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:18:59

**MODELOPTs:

PAGE 89

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00079	-90.00	-90.00	0.00093
-80.00	-90.00	0.00110	-70.00	-90.00	0.00133
-60.00	-90.00	0.00163	-50.00	-90.00	0.00202
-40.00	-90.00	0.00253	-30.00	-90.00	0.00324
-25.00	-90.00	0.00373	-20.00	-90.00	0.00436
-17.00	-90.00	0.00487	-15.00	-90.00	0.00529
-13.00	-90.00	0.00581	-11.00	-90.00	0.00644
-9.00	-90.00	0.00725	9.00	-90.00	0.00589
11.00	-90.00	0.00514	13.00	-90.00	0.00456
15.00	-90.00	0.00408	17.00	-90.00	0.00367
20.00	-90.00	0.00318	25.00	-90.00	0.00254
30.00	-90.00	0.00207	40.00	-90.00	0.00144
50.00	-90.00	0.00104	60.00	-90.00	0.00079
70.00	-90.00	0.00061	80.00	-90.00	0.00049
90.00	-90.00	0.00040	100.00	-90.00	0.00034
-100.00	-80.00	0.00070	-90.00	-80.00	0.00082
-80.00	-80.00	0.00098	-70.00	-80.00	0.00118
-60.00	-80.00	0.00144	-50.00	-80.00	0.00178
-40.00	-80.00	0.00225	-30.00	-80.00	0.00293
-25.00	-80.00	0.00342	-20.00	-80.00	0.00410
-17.00	-80.00	0.00465	-15.00	-80.00	0.00512
-13.00	-80.00	0.00568	-11.00	-80.00	0.00638
-9.00	-80.00	0.00725	9.00	-80.00	0.00619
11.00	-80.00	0.00543	13.00	-80.00	0.00484
15.00	-80.00	0.00436	17.00	-80.00	0.00394
20.00	-80.00	0.00343	25.00	-80.00	0.00277
30.00	-80.00	0.00227	40.00	-80.00	0.00158
50.00	-80.00	0.00115	60.00	-80.00	0.00087
70.00	-80.00	0.00067	80.00	-80.00	0.00054
90.00	-80.00	0.00044	100.00	-80.00	0.00036
-100.00	-70.00	0.00063	-90.00	-70.00	0.00073
-80.00	-70.00	0.00086	-70.00	-70.00	0.00103
-60.00	-70.00	0.00125	-50.00	-70.00	0.00154
-40.00	-70.00	0.00195	-30.00	-70.00	0.00257

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-25.00	-70.00	0.00304	-20.00	-70.00	0.00371
-17.00	-70.00	0.00427	-15.00	-70.00	0.00475
-13.00	-70.00	0.00533	-11.00	-70.00	0.00605
-9.00	-70.00	0.00697	9.00	-70.00	0.00634
11.00	-70.00	0.00559	13.00	-70.00	0.00501
15.00	-70.00	0.00454	17.00	-70.00	0.00413

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00361	25.00	-70.00	0.00293
30.00	-70.00	0.00242	40.00	-70.00	0.00170
50.00	-70.00	0.00125	60.00	-70.00	0.00094
70.00	-70.00	0.00073	80.00	-70.00	0.00058
90.00	-70.00	0.00047	100.00	-70.00	0.00039
-100.00	-60.00	0.00056	-90.00	-60.00	0.00065
-80.00	-60.00	0.00076	-70.00	-60.00	0.00090
-60.00	-60.00	0.00108	-50.00	-60.00	0.00132
-40.00	-60.00	0.00166	-30.00	-60.00	0.00220
-25.00	-60.00	0.00261	-20.00	-60.00	0.00323
-17.00	-60.00	0.00375	-15.00	-60.00	0.00420
-13.00	-60.00	0.00476	-11.00	-60.00	0.00545
-9.00	-60.00	0.00636	9.00	-60.00	0.00638
11.00	-60.00	0.00566	13.00	-60.00	0.00509
15.00	-60.00	0.00463	17.00	-60.00	0.00423
20.00	-60.00	0.00372	25.00	-60.00	0.00305
30.00	-60.00	0.00254	40.00	-60.00	0.00182
50.00	-60.00	0.00134	60.00	-60.00	0.00102
70.00	-60.00	0.00079	80.00	-60.00	0.00063
90.00	-60.00	0.00051	100.00	-60.00	0.00042
-100.00	-50.00	0.00050	-90.00	-50.00	0.00058
-80.00	-50.00	0.00067	-70.00	-50.00	0.00079
-60.00	-50.00	0.00094	-50.00	-50.00	0.00115
-40.00	-50.00	0.00144	-30.00	-50.00	0.00190
-25.00	-50.00	0.00226	-20.00	-50.00	0.00279
-17.00	-50.00	0.00324	-15.00	-50.00	0.00361
-13.00	-50.00	0.00408	-11.00	-50.00	0.00466
-9.00	-50.00	0.00543	9.00	-50.00	0.00635

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

11.00	-50.00	0.00567	13.00	-50.00	0.00512
15.00	-50.00	0.00468	17.00	-50.00	0.00429
20.00	-50.00	0.00380	25.00	-50.00	0.00314
30.00	-50.00	0.00263	40.00	-50.00	0.00190
50.00	-50.00	0.00141	60.00	-50.00	0.00107
70.00	-50.00	0.00084	80.00	-50.00	0.00067
90.00	-50.00	0.00054	100.00	-50.00	0.00044
-100.00	-40.00	0.00045	-90.00	-40.00	0.00052
-80.00	-40.00	0.00060	-70.00	-40.00	0.00070
-60.00	-40.00	0.00084	-50.00	-40.00	0.00102
-40.00	-40.00	0.00129	-30.00	-40.00	0.00172
-25.00	-40.00	0.00207	-20.00	-40.00	0.00257

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00298	-15.00	-40.00	0.00332
-13.00	-40.00	0.00373	-11.00	-40.00	0.00424
-9.00	-40.00	0.00486	9.00	-40.00	0.00605
11.00	-40.00	0.00549	13.00	-40.00	0.00500
15.00	-40.00	0.00459	17.00	-40.00	0.00423
20.00	-40.00	0.00376	25.00	-40.00	0.00313
30.00	-40.00	0.00264	40.00	-40.00	0.00193
50.00	-40.00	0.00145	60.00	-40.00	0.00111
70.00	-40.00	0.00087	80.00	-40.00	0.00069
90.00	-40.00	0.00056	100.00	-40.00	0.00046
-100.00	-30.00	0.00041	-90.00	-30.00	0.00047
-80.00	-30.00	0.00055	-70.00	-30.00	0.00064
-60.00	-30.00	0.00077	-50.00	-30.00	0.00095
-40.00	-30.00	0.00122	-30.00	-30.00	0.00166
-25.00	-30.00	0.00201	-20.00	-30.00	0.00250
-17.00	-30.00	0.00290	-15.00	-30.00	0.00322
-13.00	-30.00	0.00360	-11.00	-30.00	0.00405
-9.00	-30.00	0.00455	9.00	-30.00	0.00509
11.00	-30.00	0.00475	13.00	-30.00	0.00443
15.00	-30.00	0.00414	17.00	-30.00	0.00387
20.00	-30.00	0.00350	25.00	-30.00	0.00298
30.00	-30.00	0.00255	40.00	-30.00	0.00190

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

50.00	-30.00	0.00145	60.00	-30.00	0.00113
70.00	-30.00	0.00089	80.00	-30.00	0.00072
90.00	-30.00	0.00058	100.00	-30.00	0.00048
-100.00	-20.00	0.00038	-90.00	-20.00	0.00044
-80.00	-20.00	0.00051	-70.00	-20.00	0.00061
-60.00	-20.00	0.00073	-50.00	-20.00	0.00091
-40.00	-20.00	0.00117	-30.00	-20.00	0.00161
-25.00	-20.00	0.00194	-20.00	-20.00	0.00240
-17.00	-20.00	0.00275	-15.00	-20.00	0.00302
-13.00	-20.00	0.00332	-11.00	-20.00	0.00364
-9.00	-20.00	0.00396	9.00	-20.00	0.00415
11.00	-20.00	0.00394	13.00	-20.00	0.00373
15.00	-20.00	0.00354	17.00	-20.00	0.00335
20.00	-20.00	0.00309	25.00	-20.00	0.00270
30.00	-20.00	0.00237	40.00	-20.00	0.00183
50.00	-20.00	0.00142	60.00	-20.00	0.00112
70.00	-20.00	0.00089	80.00	-20.00	0.00072
90.00	-20.00	0.00059	100.00	-20.00	0.00049

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00037	-90.00	-10.00	0.00042
-80.00	-10.00	0.00049	-70.00	-10.00	0.00058
-60.00	-10.00	0.00070	-50.00	-10.00	0.00087
-40.00	-10.00	0.00112	-30.00	-10.00	0.00154
-25.00	-10.00	0.00184	-20.00	-10.00	0.00223
-17.00	-10.00	0.00251	-15.00	-10.00	0.00272
-13.00	-10.00	0.00293	-11.00	-10.00	0.00313
-9.00	-10.00	0.00333	9.00	-10.00	0.00339
11.00	-10.00	0.00325	13.00	-10.00	0.00312
15.00	-10.00	0.00299	17.00	-10.00	0.00286
20.00	-10.00	0.00268	25.00	-10.00	0.00239
30.00	-10.00	0.00214	40.00	-10.00	0.00170
50.00	-10.00	0.00136	60.00	-10.00	0.00109
70.00	-10.00	0.00088	80.00	-10.00	0.00072
90.00	-10.00	0.00060	100.00	-10.00	0.00050
-100.00	0.00	0.00035	-90.00	0.00	0.00041

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-80.00	0.00	0.00047	-70.00	0.00	0.00056
-60.00	0.00	0.00067	-50.00	0.00	0.00083
-40.00	0.00	0.00107	-30.00	0.00	0.00145
-25.00	0.00	0.00171	-20.00	0.00	0.00203
-17.00	0.00	0.00224	-15.00	0.00	0.00239
-13.00	0.00	0.00253	-11.00	0.00	0.00266
-9.00	0.00	0.00277	9.00	0.00	0.00280
11.00	0.00	0.00271	13.00	0.00	0.00262
15.00	0.00	0.00252	17.00	0.00	0.00243
20.00	0.00	0.00230	25.00	0.00	0.00209
30.00	0.00	0.00190	40.00	0.00	0.00156
50.00	0.00	0.00128	60.00	0.00	0.00105
70.00	0.00	0.00086	80.00	0.00	0.00071
90.00	0.00	0.00059	100.00	0.00	0.00050
-100.00	10.00	0.00034	-90.00	10.00	0.00039
-80.00	10.00	0.00045	-70.00	10.00	0.00053
-60.00	10.00	0.00064	-50.00	10.00	0.00079
-40.00	10.00	0.00102	-30.00	10.00	0.00135
-25.00	10.00	0.00157	-20.00	10.00	0.00182
-17.00	10.00	0.00197	-15.00	10.00	0.00207
-13.00	10.00	0.00216	-11.00	10.00	0.00225
-9.00	10.00	0.00232	9.00	10.00	0.00234
11.00	10.00	0.00228	13.00	10.00	0.00221
15.00	10.00	0.00215	17.00	10.00	0.00208

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00198	25.00	10.00	0.00183
30.00	10.00	0.00168	40.00	10.00	0.00142
50.00	10.00	0.00119	60.00	10.00	0.00099
70.00	10.00	0.00083	80.00	10.00	0.00070
90.00	10.00	0.00059	100.00	10.00	0.00050
-100.00	20.00	0.00033	-90.00	20.00	0.00037
-80.00	20.00	0.00043	-70.00	20.00	0.00051
-60.00	20.00	0.00061	-50.00	20.00	0.00075
-40.00	20.00	0.00096	-30.00	20.00	0.00125
-25.00	20.00	0.00143	-20.00	20.00	0.00162

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-17.00	20.00	0.00173	-15.00	20.00	0.00179
-13.00	20.00	0.00186	-11.00	20.00	0.00191
-9.00	20.00	0.00196	9.00	20.00	0.00197
11.00	20.00	0.00193	13.00	20.00	0.00189
15.00	20.00	0.00184	17.00	20.00	0.00179
20.00	20.00	0.00171	25.00	20.00	0.00160
30.00	20.00	0.00148	40.00	20.00	0.00128
50.00	20.00	0.00110	60.00	20.00	0.00093
70.00	20.00	0.00079	80.00	20.00	0.00067
90.00	20.00	0.00057	100.00	20.00	0.00049
-100.00	30.00	0.00031	-90.00	30.00	0.00036
-80.00	30.00	0.00041	-70.00	30.00	0.00048
-60.00	30.00	0.00058	-50.00	30.00	0.00071
-40.00	30.00	0.00090	-30.00	30.00	0.00114
-25.00	30.00	0.00129	-20.00	30.00	0.00143
-17.00	30.00	0.00151	-15.00	30.00	0.00156
-13.00	30.00	0.00160	-11.00	30.00	0.00164
-9.00	30.00	0.00168	9.00	30.00	0.00169
11.00	30.00	0.00166	13.00	30.00	0.00162
15.00	30.00	0.00159	17.00	30.00	0.00155
20.00	30.00	0.00149	25.00	30.00	0.00140
30.00	30.00	0.00131	40.00	30.00	0.00115
50.00	30.00	0.00100	60.00	30.00	0.00087
70.00	30.00	0.00075	80.00	30.00	0.00064
90.00	30.00	0.00055	100.00	30.00	0.00048
-100.00	40.00	0.00030	-90.00	40.00	0.00034
-80.00	40.00	0.00040	-70.00	40.00	0.00046
-60.00	40.00	0.00055	-50.00	40.00	0.00067
-40.00	40.00	0.00084	-30.00	40.00	0.00105
-25.00	40.00	0.00116	-20.00	40.00	0.00127

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00133	-15.00	40.00	0.00136
-13.00	40.00	0.00139	-11.00	40.00	0.00142
-9.00	40.00	0.00145	9.00	40.00	0.00146
11.00	40.00	0.00143	13.00	40.00	0.00141

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

15.00	40.00	0.00138	17.00	40.00	0.00136
20.00	40.00	0.00131	25.00	40.00	0.00124
30.00	40.00	0.00117	40.00	40.00	0.00104
50.00	40.00	0.00092	60.00	40.00	0.00081
70.00	40.00	0.00070	80.00	40.00	0.00061
90.00	40.00	0.00053	100.00	40.00	0.00046
-100.00	50.00	0.00029	-90.00	50.00	0.00033
-80.00	50.00	0.00038	-70.00	50.00	0.00044
-60.00	50.00	0.00053	-50.00	50.00	0.00064
-40.00	50.00	0.00078	-30.00	50.00	0.00096
-25.00	50.00	0.00105	-20.00	50.00	0.00113
-17.00	50.00	0.00117	-15.00	50.00	0.00120
-13.00	50.00	0.00122	-11.00	50.00	0.00124
-9.00	50.00	0.00126	9.00	50.00	0.00127
11.00	50.00	0.00125	13.00	50.00	0.00123
15.00	50.00	0.00122	17.00	50.00	0.00119
20.00	50.00	0.00116	25.00	50.00	0.00110
30.00	50.00	0.00104	40.00	50.00	0.00093
50.00	50.00	0.00084	60.00	50.00	0.00075
70.00	50.00	0.00066	80.00	50.00	0.00058
90.00	50.00	0.00051	100.00	50.00	0.00045
-100.00	60.00	0.00028	-90.00	60.00	0.00032
-80.00	60.00	0.00036	-70.00	60.00	0.00042
-60.00	60.00	0.00050	-50.00	60.00	0.00060
-40.00	60.00	0.00073	-30.00	60.00	0.00087
-25.00	60.00	0.00094	-20.00	60.00	0.00101
-17.00	60.00	0.00104	-15.00	60.00	0.00106
-13.00	60.00	0.00108	-11.00	60.00	0.00109
-9.00	60.00	0.00111	9.00	60.00	0.00111
11.00	60.00	0.00110	13.00	60.00	0.00109
15.00	60.00	0.00107	17.00	60.00	0.00106
20.00	60.00	0.00103	25.00	60.00	0.00098
30.00	60.00	0.00093	40.00	60.00	0.00085
50.00	60.00	0.00076	60.00	60.00	0.00069
70.00	60.00	0.00062	80.00	60.00	0.00055
90.00	60.00	0.00049	100.00	60.00	0.00043

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00027	-90.00	70.00	0.00030
-80.00	70.00	0.00035	-70.00	70.00	0.00040
-60.00	70.00	0.00047	-50.00	70.00	0.00057
-40.00	70.00	0.00068	-30.00	70.00	0.00080
-25.00	70.00	0.00085	-20.00	70.00	0.00090
-17.00	70.00	0.00093	-15.00	70.00	0.00094
-13.00	70.00	0.00096	-11.00	70.00	0.00097
-9.00	70.00	0.00098	9.00	70.00	0.00099
11.00	70.00	0.00098	13.00	70.00	0.00097
15.00	70.00	0.00096	17.00	70.00	0.00094
20.00	70.00	0.00092	25.00	70.00	0.00088
30.00	70.00	0.00084	40.00	70.00	0.00077
50.00	70.00	0.00070	60.00	70.00	0.00064
70.00	70.00	0.00058	80.00	70.00	0.00052
90.00	70.00	0.00046	100.00	70.00	0.00041
-100.00	80.00	0.00026	-90.00	80.00	0.00029
-80.00	80.00	0.00033	-70.00	80.00	0.00038
-60.00	80.00	0.00045	-50.00	80.00	0.00053
-40.00	80.00	0.00063	-30.00	80.00	0.00073
-25.00	80.00	0.00077	-20.00	80.00	0.00081
-17.00	80.00	0.00083	-15.00	80.00	0.00085
-13.00	80.00	0.00086	-11.00	80.00	0.00087
-9.00	80.00	0.00087	9.00	80.00	0.00088
11.00	80.00	0.00087	13.00	80.00	0.00086
15.00	80.00	0.00086	17.00	80.00	0.00085
20.00	80.00	0.00083	25.00	80.00	0.00080
30.00	80.00	0.00076	40.00	80.00	0.00070
50.00	80.00	0.00064	60.00	80.00	0.00059
70.00	80.00	0.00054	80.00	80.00	0.00049
90.00	80.00	0.00044	100.00	80.00	0.00040
-100.00	90.00	0.00025	-90.00	90.00	0.00028
-80.00	90.00	0.00032	-70.00	90.00	0.00037
-60.00	90.00	0.00043	-50.00	90.00	0.00050
-40.00	90.00	0.00059	-30.00	90.00	0.00067
-25.00	90.00	0.00071	-20.00	90.00	0.00074
-17.00	90.00	0.00075	-15.00	90.00	0.00076
-13.00	90.00	0.00077	-11.00	90.00	0.00078
-9.00	90.00	0.00078	9.00	90.00	0.00079
11.00	90.00	0.00078	13.00	90.00	0.00078
15.00	90.00	0.00077	17.00	90.00	0.00076

16:18:59

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00075	25.00	90.00	0.00072
30.00	90.00	0.00070	40.00	90.00	0.00064
50.00	90.00	0.00059	60.00	90.00	0.00054
70.00	90.00	0.00050	80.00	90.00	0.00046
90.00	90.00	0.00042	100.00	90.00	0.00038
-100.00	100.00	0.00024	-90.00	100.00	0.00027
-80.00	100.00	0.00031	-70.00	100.00	0.00035
-60.00	100.00	0.00041	-50.00	100.00	0.00048
-40.00	100.00	0.00055	-30.00	100.00	0.00061
-25.00	100.00	0.00064	-20.00	100.00	0.00067
-17.00	100.00	0.00068	-15.00	100.00	0.00069
-13.00	100.00	0.00070	-11.00	100.00	0.00070
-9.00	100.00	0.00071	9.00	100.00	0.00071
11.00	100.00	0.00071	13.00	100.00	0.00070
15.00	100.00	0.00070	17.00	100.00	0.00069
20.00	100.00	0.00068	25.00	100.00	0.00066
30.00	100.00	0.00064	40.00	100.00	0.00059
50.00	100.00	0.00054	60.00	100.00	0.00050
70.00	100.00	0.00047	80.00	100.00	0.00043
90.00	100.00	0.00039	100.00	100.00	0.00036
-100.00	110.00	0.00023	-90.00	110.00	0.00026
-80.00	110.00	0.00029	-70.00	110.00	0.00034
-60.00	110.00	0.00039	-50.00	110.00	0.00045
-40.00	110.00	0.00051	-30.00	110.00	0.00057
-25.00	110.00	0.00059	-20.00	110.00	0.00061
-17.00	110.00	0.00062	-15.00	110.00	0.00063
-13.00	110.00	0.00063	-11.00	110.00	0.00064
-9.00	110.00	0.00064	9.00	110.00	0.00065
11.00	110.00	0.00064	13.00	110.00	0.00064
15.00	110.00	0.00063	17.00	110.00	0.00063
20.00	110.00	0.00062	25.00	110.00	0.00060
30.00	110.00	0.00058	40.00	110.00	0.00054
50.00	110.00	0.00050	60.00	110.00	0.00047
70.00	110.00	0.00044	80.00	110.00	0.00040
90.00	110.00	0.00037	100.00	110.00	0.00034
-100.00	120.00	0.00022	-90.00	120.00	0.00025

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-80.00	120.00	0.00028	-70.00	120.00	0.00032
-60.00	120.00	0.00037	-50.00	120.00	0.00042
-40.00	120.00	0.00047	-30.00	120.00	0.00052
-25.00	120.00	0.00054	-20.00	120.00	0.00056

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00057	-15.00	120.00	0.00057
-13.00	120.00	0.00058	-11.00	120.00	0.00058
-9.00	120.00	0.00058	9.00	120.00	0.00059
11.00	120.00	0.00059	13.00	120.00	0.00058
15.00	120.00	0.00058	17.00	120.00	0.00057
20.00	120.00	0.00057	25.00	120.00	0.00055
30.00	120.00	0.00054	40.00	120.00	0.00050
50.00	120.00	0.00047	60.00	120.00	0.00044
70.00	120.00	0.00041	80.00	120.00	0.00038
90.00	120.00	0.00035	100.00	120.00	0.00033
-100.00	130.00	0.00021	-90.00	130.00	0.00024
-80.00	130.00	0.00027	-70.00	130.00	0.00031
-60.00	130.00	0.00035	-50.00	130.00	0.00040
-40.00	130.00	0.00044	-30.00	130.00	0.00048
-25.00	130.00	0.00050	-20.00	130.00	0.00051
-17.00	130.00	0.00052	-15.00	130.00	0.00053
-13.00	130.00	0.00053	-11.00	130.00	0.00053
-9.00	130.00	0.00054	9.00	130.00	0.00054
11.00	130.00	0.00054	13.00	130.00	0.00053
15.00	130.00	0.00053	17.00	130.00	0.00053
20.00	130.00	0.00052	25.00	130.00	0.00051
30.00	130.00	0.00049	40.00	130.00	0.00046
50.00	130.00	0.00043	60.00	130.00	0.00041
70.00	130.00	0.00038	80.00	130.00	0.00036
90.00	130.00	0.00033	100.00	130.00	0.00031
-100.00	140.00	0.00021	-90.00	140.00	0.00023
-80.00	140.00	0.00026	-70.00	140.00	0.00030
-60.00	140.00	0.00033	-50.00	140.00	0.00038
-40.00	140.00	0.00041	-30.00	140.00	0.00045
-25.00	140.00	0.00046	-20.00	140.00	0.00047

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-17.00	140.00	0.00048	-15.00	140.00	0.00048
-13.00	140.00	0.00049	-11.00	140.00	0.00049
-9.00	140.00	0.00049	9.00	140.00	0.00050
11.00	140.00	0.00049	13.00	140.00	0.00049
15.00	140.00	0.00049	17.00	140.00	0.00049
20.00	140.00	0.00048	25.00	140.00	0.00047
30.00	140.00	0.00046	40.00	140.00	0.00043
50.00	140.00	0.00040	60.00	140.00	0.00038
70.00	140.00	0.00036	80.00	140.00	0.00034
90.00	140.00	0.00031	100.00	140.00	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00020	-90.00	150.00	0.00022
-80.00	150.00	0.00025	-70.00	150.00	0.00028
-60.00	150.00	0.00032	-50.00	150.00	0.00035
-40.00	150.00	0.00039	-30.00	150.00	0.00042
-25.00	150.00	0.00043	-20.00	150.00	0.00044
-17.00	150.00	0.00044	-15.00	150.00	0.00045
-13.00	150.00	0.00045	-11.00	150.00	0.00045
-9.00	150.00	0.00045	9.00	150.00	0.00046
11.00	150.00	0.00046	13.00	150.00	0.00045
15.00	150.00	0.00045	17.00	150.00	0.00045
20.00	150.00	0.00044	25.00	150.00	0.00044
30.00	150.00	0.00043	40.00	150.00	0.00040
50.00	150.00	0.00038	60.00	150.00	0.00036
70.00	150.00	0.00034	80.00	150.00	0.00032
90.00	150.00	0.00030	100.00	150.00	0.00028
-100.00	160.00	0.00019	-90.00	160.00	0.00021
-80.00	160.00	0.00024	-70.00	160.00	0.00027
-60.00	160.00	0.00030	-50.00	160.00	0.00033
-40.00	160.00	0.00036	-30.00	160.00	0.00039
-25.00	160.00	0.00040	-20.00	160.00	0.00041
-17.00	160.00	0.00041	-15.00	160.00	0.00041
-13.00	160.00	0.00042	-11.00	160.00	0.00042
-9.00	160.00	0.00042	9.00	160.00	0.00042
11.00	160.00	0.00042	13.00	160.00	0.00042

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

15.00	160.00	0.00042	17.00	160.00	0.00042
20.00	160.00	0.00041	25.00	160.00	0.00040
30.00	160.00	0.00040	40.00	160.00	0.00038
50.00	160.00	0.00035	60.00	160.00	0.00033
70.00	160.00	0.00032	80.00	160.00	0.00030
90.00	160.00	0.00028	100.00	160.00	0.00027
-100.00	170.00	0.00019	-90.00	170.00	0.00021
-80.00	170.00	0.00023	-70.00	170.00	0.00026
-60.00	170.00	0.00029	-50.00	170.00	0.00032
-40.00	170.00	0.00034	-30.00	170.00	0.00036
-25.00	170.00	0.00037	-20.00	170.00	0.00038
-17.00	170.00	0.00038	-15.00	170.00	0.00038
-13.00	170.00	0.00039	-11.00	170.00	0.00039
-9.00	170.00	0.00039	9.00	170.00	0.00039
11.00	170.00	0.00039	13.00	170.00	0.00039
15.00	170.00	0.00039	17.00	170.00	0.00039

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

PAGE 99

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00038	25.00	170.00	0.00038
30.00	170.00	0.00037	40.00	170.00	0.00035
50.00	170.00	0.00033	60.00	170.00	0.00031
70.00	170.00	0.00030	80.00	170.00	0.00028
90.00	170.00	0.00027	100.00	170.00	0.00025
-100.00	180.00	0.00018	-90.00	180.00	0.00020
-80.00	180.00	0.00022	-70.00	180.00	0.00025
-60.00	180.00	0.00027	-50.00	180.00	0.00030
-40.00	180.00	0.00032	-30.00	180.00	0.00034
-25.00	180.00	0.00035	-20.00	180.00	0.00035
-17.00	180.00	0.00036	-15.00	180.00	0.00036
-13.00	180.00	0.00036	-11.00	180.00	0.00036
-9.00	180.00	0.00036	9.00	180.00	0.00037
11.00	180.00	0.00036	13.00	180.00	0.00036
15.00	180.00	0.00036	17.00	180.00	0.00036
20.00	180.00	0.00036	25.00	180.00	0.00035
30.00	180.00	0.00035	40.00	180.00	0.00033
50.00	180.00	0.00031	60.00	180.00	0.00030

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

70.00	180.00	0.00028	80.00	180.00	0.00027
90.00	180.00	0.00025	100.00	180.00	0.00024
-100.00	190.00	0.00017	-90.00	190.00	0.00019
-80.00	190.00	0.00022	-70.00	190.00	0.00024
-60.00	190.00	0.00026	-50.00	190.00	0.00028
-40.00	190.00	0.00030	-30.00	190.00	0.00032
-25.00	190.00	0.00032	-20.00	190.00	0.00033
-17.00	190.00	0.00033	-15.00	190.00	0.00033
-13.00	190.00	0.00034	-11.00	190.00	0.00034
-9.00	190.00	0.00034	9.00	190.00	0.00034
11.00	190.00	0.00034	13.00	190.00	0.00034
15.00	190.00	0.00034	17.00	190.00	0.00034
20.00	190.00	0.00033	25.00	190.00	0.00033
30.00	190.00	0.00032	40.00	190.00	0.00031
50.00	190.00	0.00030	60.00	190.00	0.00028
70.00	190.00	0.00027	80.00	190.00	0.00025
90.00	190.00	0.00024	100.00	190.00	0.00023
-100.00	200.00	0.00017	-90.00	200.00	0.00019
-80.00	200.00	0.00021	-70.00	200.00	0.00023
-60.00	200.00	0.00025	-50.00	200.00	0.00027
-40.00	200.00	0.00028	-30.00	200.00	0.00030
-25.00	200.00	0.00030	-20.00	200.00	0.00031

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 16:18:59 *** Maximum train overlap at North/South Bound Direction ***

**MODELOPTs:
 PAGE 100
 CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00031	-15.00	200.00	0.00031
-13.00	200.00	0.00031	-11.00	200.00	0.00032
-9.00	200.00	0.00032	9.00	200.00	0.00032
11.00	200.00	0.00032	13.00	200.00	0.00032
15.00	200.00	0.00032	17.00	200.00	0.00032
20.00	200.00	0.00031	25.00	200.00	0.00031
30.00	200.00	0.00030	40.00	200.00	0.00029
50.00	200.00	0.00028	60.00	200.00	0.00026
70.00	200.00	0.00025	80.00	200.00	0.00024
90.00	200.00	0.00023	100.00	200.00	0.00022
-100.00	210.00	0.00016	-90.00	210.00	0.00018
-80.00	210.00	0.00020	-70.00	210.00	0.00022

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-60.00	210.00	0.00024	-50.00	210.00	0.00025
-40.00	210.00	0.00027	-30.00	210.00	0.00028
-25.00	210.00	0.00029	-20.00	210.00	0.00029
-17.00	210.00	0.00029	-15.00	210.00	0.00029
-13.00	210.00	0.00030	-11.00	210.00	0.00030
-9.00	210.00	0.00030	9.00	210.00	0.00030
11.00	210.00	0.00030	13.00	210.00	0.00030
15.00	210.00	0.00030	17.00	210.00	0.00030
20.00	210.00	0.00029	25.00	210.00	0.00029
30.00	210.00	0.00029	40.00	210.00	0.00028
50.00	210.00	0.00026	60.00	210.00	0.00025
70.00	210.00	0.00024	80.00	210.00	0.00023
90.00	210.00	0.00022	100.00	210.00	0.00021
-100.00	220.00	0.00016	-90.00	220.00	0.00018
-80.00	220.00	0.00019	-70.00	220.00	0.00021
-60.00	220.00	0.00023	-50.00	220.00	0.00024
-40.00	220.00	0.00025	-30.00	220.00	0.00027
-25.00	220.00	0.00027	-20.00	220.00	0.00027
-17.00	220.00	0.00028	-15.00	220.00	0.00028
-13.00	220.00	0.00028	-11.00	220.00	0.00028
-9.00	220.00	0.00028	9.00	220.00	0.00028
11.00	220.00	0.00028	13.00	220.00	0.00028
15.00	220.00	0.00028	17.00	220.00	0.00028
20.00	220.00	0.00028	25.00	220.00	0.00027
30.00	220.00	0.00027	40.00	220.00	0.00026
50.00	220.00	0.00025	60.00	220.00	0.00024
70.00	220.00	0.00023	80.00	220.00	0.00022
90.00	220.00	0.00021	100.00	220.00	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00015	-90.00	230.00	0.00017
-80.00	230.00	0.00019	-70.00	230.00	0.00020
-60.00	230.00	0.00022	-50.00	230.00	0.00023
-40.00	230.00	0.00024	-30.00	230.00	0.00025
-25.00	230.00	0.00025	-20.00	230.00	0.00026
-17.00	230.00	0.00026	-15.00	230.00	0.00026

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-13.00	230.00	0.00026	-11.00	230.00	0.00026
-9.00	230.00	0.00026	9.00	230.00	0.00026
11.00	230.00	0.00026	13.00	230.00	0.00026
15.00	230.00	0.00026	17.00	230.00	0.00026
20.00	230.00	0.00026	25.00	230.00	0.00026
30.00	230.00	0.00026	40.00	230.00	0.00025
50.00	230.00	0.00024	60.00	230.00	0.00023
70.00	230.00	0.00022	80.00	230.00	0.00021
90.00	230.00	0.00020	100.00	230.00	0.00019
-100.00	240.00	0.00015	-90.00	240.00	0.00016
-80.00	240.00	0.00018	-70.00	240.00	0.00019
-60.00	240.00	0.00021	-50.00	240.00	0.00022
-40.00	240.00	0.00023	-30.00	240.00	0.00024
-25.00	240.00	0.00024	-20.00	240.00	0.00024
-17.00	240.00	0.00025	-15.00	240.00	0.00025
-13.00	240.00	0.00025	-11.00	240.00	0.00025
-9.00	240.00	0.00025	9.00	240.00	0.00025
11.00	240.00	0.00025	13.00	240.00	0.00025
15.00	240.00	0.00025	17.00	240.00	0.00025
20.00	240.00	0.00025	25.00	240.00	0.00024
30.00	240.00	0.00024	40.00	240.00	0.00023
50.00	240.00	0.00022	60.00	240.00	0.00022
70.00	240.00	0.00021	80.00	240.00	0.00020
90.00	240.00	0.00019	100.00	240.00	0.00018
-100.00	250.00	0.00015	-90.00	250.00	0.00016
-80.00	250.00	0.00017	-70.00	250.00	0.00018
-60.00	250.00	0.00020	-50.00	250.00	0.00021
-40.00	250.00	0.00022	-30.00	250.00	0.00022
-25.00	250.00	0.00023	-20.00	250.00	0.00023
-17.00	250.00	0.00023	-15.00	250.00	0.00023
-13.00	250.00	0.00023	-11.00	250.00	0.00023
-9.00	250.00	0.00024	9.00	250.00	0.00024
11.00	250.00	0.00024	13.00	250.00	0.00024
15.00	250.00	0.00024	17.00	250.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:
 PAGE 102

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-----	-----	-----	-----	-----	-----

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

20.00	250.00	0.00023	25.00	250.00	0.00023
30.00	250.00	0.00023	40.00	250.00	0.00022
50.00	250.00	0.00021	60.00	250.00	0.00021
70.00	250.00	0.00020	80.00	250.00	0.00019
90.00	250.00	0.00018	100.00	250.00	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
 PAGE 103
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00110	-90.00	-250.00	0.00128
-80.00	-250.00	0.00149	-70.00	-250.00	0.00173
-60.00	-250.00	0.00203	-50.00	-250.00	0.00236
-40.00	-250.00	0.00273	-30.00	-250.00	0.00309
-25.00	-250.00	0.00323	-20.00	-250.00	0.00331
-17.00	-250.00	0.00332	-15.00	-250.00	0.00330
-13.00	-250.00	0.00326	-11.00	-250.00	0.00319
-9.00	-250.00	0.00310	9.00	-250.00	0.00182
11.00	-250.00	0.00170	13.00	-250.00	0.00159
15.00	-250.00	0.00149	17.00	-250.00	0.00140
20.00	-250.00	0.00127	25.00	-250.00	0.00110
30.00	-250.00	0.00096	40.00	-250.00	0.00075
50.00	-250.00	0.00060	60.00	-250.00	0.00049
70.00	-250.00	0.00041	80.00	-250.00	0.00034
90.00	-250.00	0.00028	100.00	-250.00	0.00024
-100.00	-240.00	0.00111	-90.00	-240.00	0.00129
-80.00	-240.00	0.00152	-70.00	-240.00	0.00179
-60.00	-240.00	0.00213	-50.00	-240.00	0.00252
-40.00	-240.00	0.00299	-30.00	-240.00	0.00348
-25.00	-240.00	0.00372	-20.00	-240.00	0.00392
-17.00	-240.00	0.00401	-15.00	-240.00	0.00405
-13.00	-240.00	0.00406	-11.00	-240.00	0.00404
-9.00	-240.00	0.00396	9.00	-240.00	0.00208
11.00	-240.00	0.00192	13.00	-240.00	0.00177
15.00	-240.00	0.00165	17.00	-240.00	0.00154
20.00	-240.00	0.00139	25.00	-240.00	0.00119
30.00	-240.00	0.00103	40.00	-240.00	0.00079
50.00	-240.00	0.00063	60.00	-240.00	0.00051
70.00	-240.00	0.00042	80.00	-240.00	0.00035

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

90.00	-240.00	0.00029	100.00	-240.00	0.00024
-100.00	-230.00	0.00109	-90.00	-230.00	0.00129
-80.00	-230.00	0.00152	-70.00	-230.00	0.00181
-60.00	-230.00	0.00217	-50.00	-230.00	0.00261
-40.00	-230.00	0.00315	-30.00	-230.00	0.00376
-25.00	-230.00	0.00409	-20.00	-230.00	0.00443
-17.00	-230.00	0.00462	-15.00	-230.00	0.00475
-13.00	-230.00	0.00487	-11.00	-230.00	0.00499
-9.00	-230.00	0.00510	9.00	-230.00	0.00233
11.00	-230.00	0.00212	13.00	-230.00	0.00194
15.00	-230.00	0.00179	17.00	-230.00	0.00165

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
 PAGE 104
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00149	25.00	-230.00	0.00126
30.00	-230.00	0.00109	40.00	-230.00	0.00083
50.00	-230.00	0.00066	60.00	-230.00	0.00053
70.00	-230.00	0.00043	80.00	-230.00	0.00036
90.00	-230.00	0.00030	100.00	-230.00	0.00025
-100.00	-220.00	0.00106	-90.00	-220.00	0.00126
-80.00	-220.00	0.00149	-70.00	-220.00	0.00179
-60.00	-220.00	0.00216	-50.00	-220.00	0.00263
-40.00	-220.00	0.00320	-30.00	-220.00	0.00387
-25.00	-220.00	0.00425	-20.00	-220.00	0.00465
-17.00	-220.00	0.00490	-15.00	-220.00	0.00508
-13.00	-220.00	0.00526	-11.00	-220.00	0.00548
-9.00	-220.00	0.00575	9.00	-220.00	0.00275
11.00	-220.00	0.00244	13.00	-220.00	0.00220
15.00	-220.00	0.00201	17.00	-220.00	0.00185
20.00	-220.00	0.00165	25.00	-220.00	0.00139
30.00	-220.00	0.00118	40.00	-220.00	0.00090
50.00	-220.00	0.00070	60.00	-220.00	0.00056
70.00	-220.00	0.00045	80.00	-220.00	0.00037
90.00	-220.00	0.00031	100.00	-220.00	0.00026
-100.00	-210.00	0.00102	-90.00	-210.00	0.00120
-80.00	-210.00	0.00143	-70.00	-210.00	0.00173
-60.00	-210.00	0.00209	-50.00	-210.00	0.00255

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-40.00	-210.00	0.00312	-30.00	-210.00	0.00381
-25.00	-210.00	0.00421	-20.00	-210.00	0.00465
-17.00	-210.00	0.00494	-15.00	-210.00	0.00515
-13.00	-210.00	0.00538	-11.00	-210.00	0.00567
-9.00	-210.00	0.00607	9.00	-210.00	0.00375
11.00	-210.00	0.00323	13.00	-210.00	0.00284
15.00	-210.00	0.00254	17.00	-210.00	0.00229
20.00	-210.00	0.00199	25.00	-210.00	0.00162
30.00	-210.00	0.00136	40.00	-210.00	0.00100
50.00	-210.00	0.00077	60.00	-210.00	0.00060
70.00	-210.00	0.00048	80.00	-210.00	0.00039
90.00	-210.00	0.00032	100.00	-210.00	0.00027
-100.00	-200.00	0.00095	-90.00	-200.00	0.00112
-80.00	-200.00	0.00134	-70.00	-200.00	0.00161
-60.00	-200.00	0.00196	-50.00	-200.00	0.00241
-40.00	-200.00	0.00297	-30.00	-200.00	0.00368
-25.00	-200.00	0.00411	-20.00	-200.00	0.00460

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:
 PAGE 105

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00495	-15.00	-200.00	0.00523
-13.00	-200.00	0.00556	-11.00	-200.00	0.00597
-9.00	-200.00	0.00656	9.00	-200.00	0.00470
11.00	-200.00	0.00405	13.00	-200.00	0.00356
15.00	-200.00	0.00316	17.00	-200.00	0.00282
20.00	-200.00	0.00242	25.00	-200.00	0.00194
30.00	-200.00	0.00159	40.00	-200.00	0.00114
50.00	-200.00	0.00085	60.00	-200.00	0.00066
70.00	-200.00	0.00052	80.00	-200.00	0.00042
90.00	-200.00	0.00035	100.00	-200.00	0.00029
-100.00	-190.00	0.00087	-90.00	-190.00	0.00103
-80.00	-190.00	0.00123	-70.00	-190.00	0.00148
-60.00	-190.00	0.00180	-50.00	-190.00	0.00223
-40.00	-190.00	0.00278	-30.00	-190.00	0.00349
-25.00	-190.00	0.00395	-20.00	-190.00	0.00452
-17.00	-190.00	0.00495	-15.00	-190.00	0.00531
-13.00	-190.00	0.00574	-11.00	-190.00	0.00628

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

30.00	-170.00	0.00227	40.00	-170.00	0.00158
50.00	-170.00	0.00115	60.00	-170.00	0.00087
70.00	-170.00	0.00067	80.00	-170.00	0.00054
90.00	-170.00	0.00044	100.00	-170.00	0.00036
-100.00	-160.00	0.00063	-90.00	-160.00	0.00073
-80.00	-160.00	0.00086	-70.00	-160.00	0.00103
-60.00	-160.00	0.00125	-50.00	-160.00	0.00154
-40.00	-160.00	0.00195	-30.00	-160.00	0.00257
-25.00	-160.00	0.00304	-20.00	-160.00	0.00371
-17.00	-160.00	0.00427	-15.00	-160.00	0.00475
-13.00	-160.00	0.00533	-11.00	-160.00	0.00605
-9.00	-160.00	0.00697	9.00	-160.00	0.00634
11.00	-160.00	0.00559	13.00	-160.00	0.00501
15.00	-160.00	0.00454	17.00	-160.00	0.00413
20.00	-160.00	0.00361	25.00	-160.00	0.00293
30.00	-160.00	0.00242	40.00	-160.00	0.00170
50.00	-160.00	0.00125	60.00	-160.00	0.00094
70.00	-160.00	0.00073	80.00	-160.00	0.00058
90.00	-160.00	0.00047	100.00	-160.00	0.00039
-100.00	-150.00	0.00056	-90.00	-150.00	0.00065
-80.00	-150.00	0.00076	-70.00	-150.00	0.00090
-60.00	-150.00	0.00108	-50.00	-150.00	0.00132
-40.00	-150.00	0.00166	-30.00	-150.00	0.00220
-25.00	-150.00	0.00261	-20.00	-150.00	0.00323
-17.00	-150.00	0.00375	-15.00	-150.00	0.00420
-13.00	-150.00	0.00476	-11.00	-150.00	0.00545
-9.00	-150.00	0.00636	9.00	-150.00	0.00638
11.00	-150.00	0.00566	13.00	-150.00	0.00509
15.00	-150.00	0.00463	17.00	-150.00	0.00423

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTS:
 PAGE 107
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00372	25.00	-150.00	0.00305
30.00	-150.00	0.00254	40.00	-150.00	0.00182
50.00	-150.00	0.00134	60.00	-150.00	0.00102
70.00	-150.00	0.00079	80.00	-150.00	0.00063
90.00	-150.00	0.00051	100.00	-150.00	0.00042

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-100.00	-140.00	0.00050	-90.00	-140.00	0.00058
-80.00	-140.00	0.00067	-70.00	-140.00	0.00079
-60.00	-140.00	0.00094	-50.00	-140.00	0.00115
-40.00	-140.00	0.00144	-30.00	-140.00	0.00190
-25.00	-140.00	0.00226	-20.00	-140.00	0.00279
-17.00	-140.00	0.00324	-15.00	-140.00	0.00361
-13.00	-140.00	0.00408	-11.00	-140.00	0.00466
-9.00	-140.00	0.00543	9.00	-140.00	0.00635
11.00	-140.00	0.00567	13.00	-140.00	0.00512
15.00	-140.00	0.00468	17.00	-140.00	0.00429
20.00	-140.00	0.00380	25.00	-140.00	0.00314
30.00	-140.00	0.00263	40.00	-140.00	0.00190
50.00	-140.00	0.00141	60.00	-140.00	0.00107
70.00	-140.00	0.00084	80.00	-140.00	0.00067
90.00	-140.00	0.00054	100.00	-140.00	0.00044
-100.00	-130.00	0.00045	-90.00	-130.00	0.00052
-80.00	-130.00	0.00060	-70.00	-130.00	0.00070
-60.00	-130.00	0.00084	-50.00	-130.00	0.00102
-40.00	-130.00	0.00129	-30.00	-130.00	0.00172
-25.00	-130.00	0.00207	-20.00	-130.00	0.00257
-17.00	-130.00	0.00298	-15.00	-130.00	0.00332
-13.00	-130.00	0.00373	-11.00	-130.00	0.00424
-9.00	-130.00	0.00486	9.00	-130.00	0.00605
11.00	-130.00	0.00549	13.00	-130.00	0.00500
15.00	-130.00	0.00459	17.00	-130.00	0.00423
20.00	-130.00	0.00376	25.00	-130.00	0.00313
30.00	-130.00	0.00264	40.00	-130.00	0.00193
50.00	-130.00	0.00145	60.00	-130.00	0.00111
70.00	-130.00	0.00087	80.00	-130.00	0.00069
90.00	-130.00	0.00056	100.00	-130.00	0.00046
-100.00	-120.00	0.00041	-90.00	-120.00	0.00047
-80.00	-120.00	0.00055	-70.00	-120.00	0.00064
-60.00	-120.00	0.00077	-50.00	-120.00	0.00095
-40.00	-120.00	0.00122	-30.00	-120.00	0.00166
-25.00	-120.00	0.00201	-20.00	-120.00	0.00250

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
 PAGE 108
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

 INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

		01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00290	-15.00	-120.00	0.00322
-13.00	-120.00	0.00360	-11.00	-120.00	0.00405
-9.00	-120.00	0.00455	9.00	-120.00	0.00509
11.00	-120.00	0.00475	13.00	-120.00	0.00443
15.00	-120.00	0.00414	17.00	-120.00	0.00387
20.00	-120.00	0.00350	25.00	-120.00	0.00298
30.00	-120.00	0.00255	40.00	-120.00	0.00190
50.00	-120.00	0.00145	60.00	-120.00	0.00113
70.00	-120.00	0.00089	80.00	-120.00	0.00072
90.00	-120.00	0.00058	100.00	-120.00	0.00048
-100.00	-110.00	0.00038	-90.00	-110.00	0.00044
-80.00	-110.00	0.00051	-70.00	-110.00	0.00061
-60.00	-110.00	0.00073	-50.00	-110.00	0.00091
-40.00	-110.00	0.00117	-30.00	-110.00	0.00161
-25.00	-110.00	0.00194	-20.00	-110.00	0.00240
-17.00	-110.00	0.00275	-15.00	-110.00	0.00302
-13.00	-110.00	0.00332	-11.00	-110.00	0.00364
-9.00	-110.00	0.00396	9.00	-110.00	0.00415
11.00	-110.00	0.00394	13.00	-110.00	0.00373
15.00	-110.00	0.00354	17.00	-110.00	0.00335
20.00	-110.00	0.00309	25.00	-110.00	0.00270
30.00	-110.00	0.00237	40.00	-110.00	0.00183
50.00	-110.00	0.00142	60.00	-110.00	0.00112
70.00	-110.00	0.00089	80.00	-110.00	0.00072
90.00	-110.00	0.00059	100.00	-110.00	0.00049
-100.00	-100.00	0.00037	-90.00	-100.00	0.00042
-80.00	-100.00	0.00049	-70.00	-100.00	0.00058
-60.00	-100.00	0.00070	-50.00	-100.00	0.00087
-40.00	-100.00	0.00112	-30.00	-100.00	0.00154
-25.00	-100.00	0.00184	-20.00	-100.00	0.00223
-17.00	-100.00	0.00251	-15.00	-100.00	0.00272
-13.00	-100.00	0.00293	-11.00	-100.00	0.00313
-9.00	-100.00	0.00333	9.00	-100.00	0.00339
11.00	-100.00	0.00325	13.00	-100.00	0.00312
15.00	-100.00	0.00299	17.00	-100.00	0.00286
20.00	-100.00	0.00268	25.00	-100.00	0.00239
30.00	-100.00	0.00214	40.00	-100.00	0.00170
50.00	-100.00	0.00136	60.00	-100.00	0.00109
70.00	-100.00	0.00088	80.00	-100.00	0.00072
90.00	-100.00	0.00060	100.00	-100.00	0.00050

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:18:59
**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00035	-90.00	-90.00	0.00041
-80.00	-90.00	0.00047	-70.00	-90.00	0.00056
-60.00	-90.00	0.00067	-50.00	-90.00	0.00083
-40.00	-90.00	0.00107	-30.00	-90.00	0.00145
-25.00	-90.00	0.00171	-20.00	-90.00	0.00203
-17.00	-90.00	0.00224	-15.00	-90.00	0.00239
-13.00	-90.00	0.00253	-11.00	-90.00	0.00266
-9.00	-90.00	0.00277	9.00	-90.00	0.00280
11.00	-90.00	0.00271	13.00	-90.00	0.00262
15.00	-90.00	0.00252	17.00	-90.00	0.00243
20.00	-90.00	0.00230	25.00	-90.00	0.00209
30.00	-90.00	0.00190	40.00	-90.00	0.00156
50.00	-90.00	0.00128	60.00	-90.00	0.00105
70.00	-90.00	0.00086	80.00	-90.00	0.00071
90.00	-90.00	0.00059	100.00	-90.00	0.00050
-100.00	-80.00	0.00034	-90.00	-80.00	0.00039
-80.00	-80.00	0.00045	-70.00	-80.00	0.00053
-60.00	-80.00	0.00064	-50.00	-80.00	0.00079
-40.00	-80.00	0.00102	-30.00	-80.00	0.00135
-25.00	-80.00	0.00157	-20.00	-80.00	0.00182
-17.00	-80.00	0.00197	-15.00	-80.00	0.00207
-13.00	-80.00	0.00216	-11.00	-80.00	0.00225
-9.00	-80.00	0.00232	9.00	-80.00	0.00234
11.00	-80.00	0.00228	13.00	-80.00	0.00221
15.00	-80.00	0.00215	17.00	-80.00	0.00208
20.00	-80.00	0.00198	25.00	-80.00	0.00183
30.00	-80.00	0.00168	40.00	-80.00	0.00142
50.00	-80.00	0.00119	60.00	-80.00	0.00099
70.00	-80.00	0.00083	80.00	-80.00	0.00070
90.00	-80.00	0.00059	100.00	-80.00	0.00050
-100.00	-70.00	0.00033	-90.00	-70.00	0.00037
-80.00	-70.00	0.00043	-70.00	-70.00	0.00051
-60.00	-70.00	0.00061	-50.00	-70.00	0.00075
-40.00	-70.00	0.00096	-30.00	-70.00	0.00125
-25.00	-70.00	0.00143	-20.00	-70.00	0.00162
-17.00	-70.00	0.00173	-15.00	-70.00	0.00179
-13.00	-70.00	0.00186	-11.00	-70.00	0.00191

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-9.00	-70.00	0.00196	9.00	-70.00	0.00197
11.00	-70.00	0.00193	13.00	-70.00	0.00189
15.00	-70.00	0.00184	17.00	-70.00	0.00179

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
 PAGE 110

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00171	25.00	-70.00	0.00160
30.00	-70.00	0.00148	40.00	-70.00	0.00128
50.00	-70.00	0.00110	60.00	-70.00	0.00093
70.00	-70.00	0.00079	80.00	-70.00	0.00067
90.00	-70.00	0.00057	100.00	-70.00	0.00049
-100.00	-60.00	0.00031	-90.00	-60.00	0.00036
-80.00	-60.00	0.00041	-70.00	-60.00	0.00048
-60.00	-60.00	0.00058	-50.00	-60.00	0.00071
-40.00	-60.00	0.00090	-30.00	-60.00	0.00114
-25.00	-60.00	0.00129	-20.00	-60.00	0.00143
-17.00	-60.00	0.00151	-15.00	-60.00	0.00156
-13.00	-60.00	0.00160	-11.00	-60.00	0.00164
-9.00	-60.00	0.00168	9.00	-60.00	0.00169
11.00	-60.00	0.00166	13.00	-60.00	0.00162
15.00	-60.00	0.00159	17.00	-60.00	0.00155
20.00	-60.00	0.00149	25.00	-60.00	0.00140
30.00	-60.00	0.00131	40.00	-60.00	0.00115
50.00	-60.00	0.00100	60.00	-60.00	0.00087
70.00	-60.00	0.00075	80.00	-60.00	0.00064
90.00	-60.00	0.00055	100.00	-60.00	0.00048
-100.00	-50.00	0.00030	-90.00	-50.00	0.00034
-80.00	-50.00	0.00040	-70.00	-50.00	0.00046
-60.00	-50.00	0.00055	-50.00	-50.00	0.00067
-40.00	-50.00	0.00084	-30.00	-50.00	0.00105
-25.00	-50.00	0.00116	-20.00	-50.00	0.00127
-17.00	-50.00	0.00133	-15.00	-50.00	0.00136
-13.00	-50.00	0.00139	-11.00	-50.00	0.00142
-9.00	-50.00	0.00145	9.00	-50.00	0.00146
11.00	-50.00	0.00143	13.00	-50.00	0.00141
15.00	-50.00	0.00138	17.00	-50.00	0.00136
20.00	-50.00	0.00131	25.00	-50.00	0.00124

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

30.00	-50.00	0.00117	40.00	-50.00	0.00104
50.00	-50.00	0.00092	60.00	-50.00	0.00081
70.00	-50.00	0.00070	80.00	-50.00	0.00061
90.00	-50.00	0.00053	100.00	-50.00	0.00046
-100.00	-40.00	0.00029	-90.00	-40.00	0.00033
-80.00	-40.00	0.00038	-70.00	-40.00	0.00044
-60.00	-40.00	0.00053	-50.00	-40.00	0.00064
-40.00	-40.00	0.00078	-30.00	-40.00	0.00096
-25.00	-40.00	0.00105	-20.00	-40.00	0.00113

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00117	-15.00	-40.00	0.00120
-13.00	-40.00	0.00122	-11.00	-40.00	0.00124
-9.00	-40.00	0.00126	9.00	-40.00	0.00127
11.00	-40.00	0.00125	13.00	-40.00	0.00123
15.00	-40.00	0.00122	17.00	-40.00	0.00119
20.00	-40.00	0.00116	25.00	-40.00	0.00110
30.00	-40.00	0.00104	40.00	-40.00	0.00093
50.00	-40.00	0.00084	60.00	-40.00	0.00075
70.00	-40.00	0.00066	80.00	-40.00	0.00058
90.00	-40.00	0.00051	100.00	-40.00	0.00045
-100.00	-30.00	0.00028	-90.00	-30.00	0.00032
-80.00	-30.00	0.00036	-70.00	-30.00	0.00042
-60.00	-30.00	0.00050	-50.00	-30.00	0.00060
-40.00	-30.00	0.00073	-30.00	-30.00	0.00087
-25.00	-30.00	0.00094	-20.00	-30.00	0.00101
-17.00	-30.00	0.00104	-15.00	-30.00	0.00106
-13.00	-30.00	0.00108	-11.00	-30.00	0.00109
-9.00	-30.00	0.00111	9.00	-30.00	0.00111
11.00	-30.00	0.00110	13.00	-30.00	0.00109
15.00	-30.00	0.00107	17.00	-30.00	0.00106
20.00	-30.00	0.00103	25.00	-30.00	0.00098
30.00	-30.00	0.00093	40.00	-30.00	0.00085
50.00	-30.00	0.00076	60.00	-30.00	0.00069
70.00	-30.00	0.00062	80.00	-30.00	0.00055
90.00	-30.00	0.00049	100.00	-30.00	0.00043

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-100.00	-20.00	0.00027	-90.00	-20.00	0.00030
-80.00	-20.00	0.00035	-70.00	-20.00	0.00040
-60.00	-20.00	0.00047	-50.00	-20.00	0.00057
-40.00	-20.00	0.00068	-30.00	-20.00	0.00080
-25.00	-20.00	0.00085	-20.00	-20.00	0.00090
-17.00	-20.00	0.00093	-15.00	-20.00	0.00094
-13.00	-20.00	0.00096	-11.00	-20.00	0.00097
-9.00	-20.00	0.00098	9.00	-20.00	0.00099
11.00	-20.00	0.00098	13.00	-20.00	0.00097
15.00	-20.00	0.00096	17.00	-20.00	0.00094
20.00	-20.00	0.00092	25.00	-20.00	0.00088
30.00	-20.00	0.00084	40.00	-20.00	0.00077
50.00	-20.00	0.00070	60.00	-20.00	0.00064
70.00	-20.00	0.00058	80.00	-20.00	0.00052
90.00	-20.00	0.00046	100.00	-20.00	0.00041

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:
 PAGE 112

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00026	-90.00	-10.00	0.00029
-80.00	-10.00	0.00033	-70.00	-10.00	0.00038
-60.00	-10.00	0.00045	-50.00	-10.00	0.00053
-40.00	-10.00	0.00063	-30.00	-10.00	0.00073
-25.00	-10.00	0.00077	-20.00	-10.00	0.00081
-17.00	-10.00	0.00083	-15.00	-10.00	0.00085
-13.00	-10.00	0.00086	-11.00	-10.00	0.00087
-9.00	-10.00	0.00087	9.00	-10.00	0.00088
11.00	-10.00	0.00087	13.00	-10.00	0.00086
15.00	-10.00	0.00086	17.00	-10.00	0.00085
20.00	-10.00	0.00083	25.00	-10.00	0.00080
30.00	-10.00	0.00076	40.00	-10.00	0.00070
50.00	-10.00	0.00064	60.00	-10.00	0.00059
70.00	-10.00	0.00054	80.00	-10.00	0.00049
90.00	-10.00	0.00044	100.00	-10.00	0.00040
-100.00	0.00	0.00025	-90.00	0.00	0.00028
-80.00	0.00	0.00032	-70.00	0.00	0.00037
-60.00	0.00	0.00043	-50.00	0.00	0.00050
-40.00	0.00	0.00059	-30.00	0.00	0.00067

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-25.00	0.00	0.00071	-20.00	0.00	0.00074
-17.00	0.00	0.00075	-15.00	0.00	0.00076
-13.00	0.00	0.00077	-11.00	0.00	0.00078
-9.00	0.00	0.00078	9.00	0.00	0.00079
11.00	0.00	0.00078	13.00	0.00	0.00078
15.00	0.00	0.00077	17.00	0.00	0.00076
20.00	0.00	0.00075	25.00	0.00	0.00072
30.00	0.00	0.00070	40.00	0.00	0.00064
50.00	0.00	0.00059	60.00	0.00	0.00054
70.00	0.00	0.00050	80.00	0.00	0.00046
90.00	0.00	0.00042	100.00	0.00	0.00038
-100.00	10.00	0.00024	-90.00	10.00	0.00027
-80.00	10.00	0.00031	-70.00	10.00	0.00035
-60.00	10.00	0.00041	-50.00	10.00	0.00048
-40.00	10.00	0.00055	-30.00	10.00	0.00061
-25.00	10.00	0.00064	-20.00	10.00	0.00067
-17.00	10.00	0.00068	-15.00	10.00	0.00069
-13.00	10.00	0.00070	-11.00	10.00	0.00070
-9.00	10.00	0.00071	9.00	10.00	0.00071
11.00	10.00	0.00071	13.00	10.00	0.00070
15.00	10.00	0.00070	17.00	10.00	0.00069

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:
 PAGE 113

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00068	25.00	10.00	0.00066
30.00	10.00	0.00064	40.00	10.00	0.00059
50.00	10.00	0.00054	60.00	10.00	0.00050
70.00	10.00	0.00047	80.00	10.00	0.00043
90.00	10.00	0.00039	100.00	10.00	0.00036
-100.00	20.00	0.00023	-90.00	20.00	0.00026
-80.00	20.00	0.00029	-70.00	20.00	0.00034
-60.00	20.00	0.00039	-50.00	20.00	0.00045
-40.00	20.00	0.00051	-30.00	20.00	0.00057
-25.00	20.00	0.00059	-20.00	20.00	0.00061
-17.00	20.00	0.00062	-15.00	20.00	0.00063
-13.00	20.00	0.00063	-11.00	20.00	0.00064
-9.00	20.00	0.00064	9.00	20.00	0.00065

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

11.00	20.00	0.00064	13.00	20.00	0.00064
15.00	20.00	0.00063	17.00	20.00	0.00063
20.00	20.00	0.00062	25.00	20.00	0.00060
30.00	20.00	0.00058	40.00	20.00	0.00054
50.00	20.00	0.00050	60.00	20.00	0.00047
70.00	20.00	0.00044	80.00	20.00	0.00040
90.00	20.00	0.00037	100.00	20.00	0.00034
-100.00	30.00	0.00022	-90.00	30.00	0.00025
-80.00	30.00	0.00028	-70.00	30.00	0.00032
-60.00	30.00	0.00037	-50.00	30.00	0.00042
-40.00	30.00	0.00047	-30.00	30.00	0.00052
-25.00	30.00	0.00054	-20.00	30.00	0.00056
-17.00	30.00	0.00057	-15.00	30.00	0.00057
-13.00	30.00	0.00058	-11.00	30.00	0.00058
-9.00	30.00	0.00058	9.00	30.00	0.00059
11.00	30.00	0.00059	13.00	30.00	0.00058
15.00	30.00	0.00058	17.00	30.00	0.00057
20.00	30.00	0.00057	25.00	30.00	0.00055
30.00	30.00	0.00054	40.00	30.00	0.00050
50.00	30.00	0.00047	60.00	30.00	0.00044
70.00	30.00	0.00041	80.00	30.00	0.00038
90.00	30.00	0.00035	100.00	30.00	0.00033
-100.00	40.00	0.00021	-90.00	40.00	0.00024
-80.00	40.00	0.00027	-70.00	40.00	0.00031
-60.00	40.00	0.00035	-50.00	40.00	0.00040
-40.00	40.00	0.00044	-30.00	40.00	0.00048
-25.00	40.00	0.00050	-20.00	40.00	0.00051

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
 PAGE 114
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00052	-15.00	40.00	0.00053
-13.00	40.00	0.00053	-11.00	40.00	0.00053
-9.00	40.00	0.00054	9.00	40.00	0.00054
11.00	40.00	0.00054	13.00	40.00	0.00053
15.00	40.00	0.00053	17.00	40.00	0.00053
20.00	40.00	0.00052	25.00	40.00	0.00051
30.00	40.00	0.00049	40.00	40.00	0.00046

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

50.00	40.00	0.00043	60.00	40.00	0.00041
70.00	40.00	0.00038	80.00	40.00	0.00036
90.00	40.00	0.00033	100.00	40.00	0.00031
-100.00	50.00	0.00021	-90.00	50.00	0.00023
-80.00	50.00	0.00026	-70.00	50.00	0.00030
-60.00	50.00	0.00033	-50.00	50.00	0.00038
-40.00	50.00	0.00041	-30.00	50.00	0.00045
-25.00	50.00	0.00046	-20.00	50.00	0.00047
-17.00	50.00	0.00048	-15.00	50.00	0.00048
-13.00	50.00	0.00049	-11.00	50.00	0.00049
-9.00	50.00	0.00049	9.00	50.00	0.00050
11.00	50.00	0.00049	13.00	50.00	0.00049
15.00	50.00	0.00049	17.00	50.00	0.00049
20.00	50.00	0.00048	25.00	50.00	0.00047
30.00	50.00	0.00046	40.00	50.00	0.00043
50.00	50.00	0.00040	60.00	50.00	0.00038
70.00	50.00	0.00036	80.00	50.00	0.00034
90.00	50.00	0.00031	100.00	50.00	0.00029
-100.00	60.00	0.00020	-90.00	60.00	0.00022
-80.00	60.00	0.00025	-70.00	60.00	0.00028
-60.00	60.00	0.00032	-50.00	60.00	0.00035
-40.00	60.00	0.00039	-30.00	60.00	0.00042
-25.00	60.00	0.00043	-20.00	60.00	0.00044
-17.00	60.00	0.00044	-15.00	60.00	0.00045
-13.00	60.00	0.00045	-11.00	60.00	0.00045
-9.00	60.00	0.00045	9.00	60.00	0.00046
11.00	60.00	0.00046	13.00	60.00	0.00045
15.00	60.00	0.00045	17.00	60.00	0.00045
20.00	60.00	0.00044	25.00	60.00	0.00044
30.00	60.00	0.00043	40.00	60.00	0.00040
50.00	60.00	0.00038	60.00	60.00	0.00036
70.00	60.00	0.00034	80.00	60.00	0.00032
90.00	60.00	0.00030	100.00	60.00	0.00028

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
 PAGE 115
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00019	-90.00	70.00	0.00021

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-80.00	70.00	0.00024	-70.00	70.00	0.00027
-60.00	70.00	0.00030	-50.00	70.00	0.00033
-40.00	70.00	0.00036	-30.00	70.00	0.00039
-25.00	70.00	0.00040	-20.00	70.00	0.00041
-17.00	70.00	0.00041	-15.00	70.00	0.00041
-13.00	70.00	0.00042	-11.00	70.00	0.00042
-9.00	70.00	0.00042	9.00	70.00	0.00042
11.00	70.00	0.00042	13.00	70.00	0.00042
15.00	70.00	0.00042	17.00	70.00	0.00042
20.00	70.00	0.00041	25.00	70.00	0.00040
30.00	70.00	0.00040	40.00	70.00	0.00038
50.00	70.00	0.00035	60.00	70.00	0.00033
70.00	70.00	0.00032	80.00	70.00	0.00030
90.00	70.00	0.00028	100.00	70.00	0.00027
-100.00	80.00	0.00019	-90.00	80.00	0.00021
-80.00	80.00	0.00023	-70.00	80.00	0.00026
-60.00	80.00	0.00029	-50.00	80.00	0.00032
-40.00	80.00	0.00034	-30.00	80.00	0.00036
-25.00	80.00	0.00037	-20.00	80.00	0.00038
-17.00	80.00	0.00038	-15.00	80.00	0.00038
-13.00	80.00	0.00039	-11.00	80.00	0.00039
-9.00	80.00	0.00039	9.00	80.00	0.00039
11.00	80.00	0.00039	13.00	80.00	0.00039
15.00	80.00	0.00039	17.00	80.00	0.00039
20.00	80.00	0.00038	25.00	80.00	0.00038
30.00	80.00	0.00037	40.00	80.00	0.00035
50.00	80.00	0.00033	60.00	80.00	0.00031
70.00	80.00	0.00030	80.00	80.00	0.00028
90.00	80.00	0.00027	100.00	80.00	0.00025
-100.00	90.00	0.00018	-90.00	90.00	0.00020
-80.00	90.00	0.00022	-70.00	90.00	0.00025
-60.00	90.00	0.00027	-50.00	90.00	0.00030
-40.00	90.00	0.00032	-30.00	90.00	0.00034
-25.00	90.00	0.00035	-20.00	90.00	0.00035
-17.00	90.00	0.00036	-15.00	90.00	0.00036
-13.00	90.00	0.00036	-11.00	90.00	0.00036
-9.00	90.00	0.00036	9.00	90.00	0.00037
11.00	90.00	0.00036	13.00	90.00	0.00036
15.00	90.00	0.00036	17.00	90.00	0.00036

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00036	25.00	90.00	0.00035
30.00	90.00	0.00035	40.00	90.00	0.00033
50.00	90.00	0.00031	60.00	90.00	0.00030
70.00	90.00	0.00028	80.00	90.00	0.00027
90.00	90.00	0.00025	100.00	90.00	0.00024
-100.00	100.00	0.00017	-90.00	100.00	0.00019
-80.00	100.00	0.00022	-70.00	100.00	0.00024
-60.00	100.00	0.00026	-50.00	100.00	0.00028
-40.00	100.00	0.00030	-30.00	100.00	0.00032
-25.00	100.00	0.00032	-20.00	100.00	0.00033
-17.00	100.00	0.00033	-15.00	100.00	0.00033
-13.00	100.00	0.00034	-11.00	100.00	0.00034
-9.00	100.00	0.00034	9.00	100.00	0.00034
11.00	100.00	0.00034	13.00	100.00	0.00034
15.00	100.00	0.00034	17.00	100.00	0.00034
20.00	100.00	0.00033	25.00	100.00	0.00033
30.00	100.00	0.00032	40.00	100.00	0.00031
50.00	100.00	0.00030	60.00	100.00	0.00028
70.00	100.00	0.00027	80.00	100.00	0.00025
90.00	100.00	0.00024	100.00	100.00	0.00023
-100.00	110.00	0.00017	-90.00	110.00	0.00019
-80.00	110.00	0.00021	-70.00	110.00	0.00023
-60.00	110.00	0.00025	-50.00	110.00	0.00027
-40.00	110.00	0.00028	-30.00	110.00	0.00030
-25.00	110.00	0.00030	-20.00	110.00	0.00031
-17.00	110.00	0.00031	-15.00	110.00	0.00031
-13.00	110.00	0.00031	-11.00	110.00	0.00032
-9.00	110.00	0.00032	9.00	110.00	0.00032
11.00	110.00	0.00032	13.00	110.00	0.00032
15.00	110.00	0.00032	17.00	110.00	0.00032
20.00	110.00	0.00031	25.00	110.00	0.00031
30.00	110.00	0.00030	40.00	110.00	0.00029
50.00	110.00	0.00028	60.00	110.00	0.00026
70.00	110.00	0.00025	80.00	110.00	0.00024
90.00	110.00	0.00023	100.00	110.00	0.00022
-100.00	120.00	0.00016	-90.00	120.00	0.00018
-80.00	120.00	0.00020	-70.00	120.00	0.00022
-60.00	120.00	0.00024	-50.00	120.00	0.00025
-40.00	120.00	0.00027	-30.00	120.00	0.00028

-25.00 120.00 0.00029 -20.00 120.00 0.00029

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:
 PAGE 117

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00029	-15.00	120.00	0.00029
-13.00	120.00	0.00030	-11.00	120.00	0.00030
-9.00	120.00	0.00030	9.00	120.00	0.00030
11.00	120.00	0.00030	13.00	120.00	0.00030
15.00	120.00	0.00030	17.00	120.00	0.00030
20.00	120.00	0.00029	25.00	120.00	0.00029
30.00	120.00	0.00029	40.00	120.00	0.00028
50.00	120.00	0.00026	60.00	120.00	0.00025
70.00	120.00	0.00024	80.00	120.00	0.00023
90.00	120.00	0.00022	100.00	120.00	0.00021
-100.00	130.00	0.00016	-90.00	130.00	0.00018
-80.00	130.00	0.00019	-70.00	130.00	0.00021
-60.00	130.00	0.00023	-50.00	130.00	0.00024
-40.00	130.00	0.00025	-30.00	130.00	0.00027
-25.00	130.00	0.00027	-20.00	130.00	0.00027
-17.00	130.00	0.00028	-15.00	130.00	0.00028
-13.00	130.00	0.00028	-11.00	130.00	0.00028
-9.00	130.00	0.00028	9.00	130.00	0.00028
11.00	130.00	0.00028	13.00	130.00	0.00028
15.00	130.00	0.00028	17.00	130.00	0.00028
20.00	130.00	0.00028	25.00	130.00	0.00027
30.00	130.00	0.00027	40.00	130.00	0.00026
50.00	130.00	0.00025	60.00	130.00	0.00024
70.00	130.00	0.00023	80.00	130.00	0.00022
90.00	130.00	0.00021	100.00	130.00	0.00020
-100.00	140.00	0.00015	-90.00	140.00	0.00017
-80.00	140.00	0.00019	-70.00	140.00	0.00020
-60.00	140.00	0.00022	-50.00	140.00	0.00023
-40.00	140.00	0.00024	-30.00	140.00	0.00025
-25.00	140.00	0.00025	-20.00	140.00	0.00026
-17.00	140.00	0.00026	-15.00	140.00	0.00026
-13.00	140.00	0.00026	-11.00	140.00	0.00026
-9.00	140.00	0.00026	9.00	140.00	0.00026

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

11.00	140.00	0.00026	13.00	140.00	0.00026
15.00	140.00	0.00026	17.00	140.00	0.00026
20.00	140.00	0.00026	25.00	140.00	0.00026
30.00	140.00	0.00026	40.00	140.00	0.00025
50.00	140.00	0.00024	60.00	140.00	0.00023
70.00	140.00	0.00022	80.00	140.00	0.00021
90.00	140.00	0.00020	100.00	140.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
 PAGE 118

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00015	-90.00	150.00	0.00016
-80.00	150.00	0.00018	-70.00	150.00	0.00019
-60.00	150.00	0.00021	-50.00	150.00	0.00022
-40.00	150.00	0.00023	-30.00	150.00	0.00024
-25.00	150.00	0.00024	-20.00	150.00	0.00024
-17.00	150.00	0.00025	-15.00	150.00	0.00025
-13.00	150.00	0.00025	-11.00	150.00	0.00025
-9.00	150.00	0.00025	9.00	150.00	0.00025
11.00	150.00	0.00025	13.00	150.00	0.00025
15.00	150.00	0.00025	17.00	150.00	0.00025
20.00	150.00	0.00025	25.00	150.00	0.00024
30.00	150.00	0.00024	40.00	150.00	0.00023
50.00	150.00	0.00022	60.00	150.00	0.00022
70.00	150.00	0.00021	80.00	150.00	0.00020
90.00	150.00	0.00019	100.00	150.00	0.00018
-100.00	160.00	0.00015	-90.00	160.00	0.00016
-80.00	160.00	0.00017	-70.00	160.00	0.00018
-60.00	160.00	0.00020	-50.00	160.00	0.00021
-40.00	160.00	0.00022	-30.00	160.00	0.00022
-25.00	160.00	0.00023	-20.00	160.00	0.00023
-17.00	160.00	0.00023	-15.00	160.00	0.00023
-13.00	160.00	0.00023	-11.00	160.00	0.00023
-9.00	160.00	0.00024	9.00	160.00	0.00024
11.00	160.00	0.00024	13.00	160.00	0.00024
15.00	160.00	0.00024	17.00	160.00	0.00023
20.00	160.00	0.00023	25.00	160.00	0.00023
30.00	160.00	0.00023	40.00	160.00	0.00022

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

50.00	160.00	0.00021	60.00	160.00	0.00021
70.00	160.00	0.00020	80.00	160.00	0.00019
90.00	160.00	0.00018	100.00	160.00	0.00017
-100.00	170.00	0.00014	-90.00	170.00	0.00015
-80.00	170.00	0.00017	-70.00	170.00	0.00018
-60.00	170.00	0.00019	-50.00	170.00	0.00020
-40.00	170.00	0.00021	-30.00	170.00	0.00021
-25.00	170.00	0.00022	-20.00	170.00	0.00022
-17.00	170.00	0.00022	-15.00	170.00	0.00022
-13.00	170.00	0.00022	-11.00	170.00	0.00022
-9.00	170.00	0.00022	9.00	170.00	0.00022
11.00	170.00	0.00022	13.00	170.00	0.00022
15.00	170.00	0.00022	17.00	170.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

PAGE 119

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00022	25.00	170.00	0.00022
30.00	170.00	0.00022	40.00	170.00	0.00021
50.00	170.00	0.00020	60.00	170.00	0.00020
70.00	170.00	0.00019	80.00	170.00	0.00018
90.00	170.00	0.00017	100.00	170.00	0.00017
-100.00	180.00	0.00014	-90.00	180.00	0.00015
-80.00	180.00	0.00016	-70.00	180.00	0.00017
-60.00	180.00	0.00018	-50.00	180.00	0.00019
-40.00	180.00	0.00020	-30.00	180.00	0.00020
-25.00	180.00	0.00021	-20.00	180.00	0.00021
-17.00	180.00	0.00021	-15.00	180.00	0.00021
-13.00	180.00	0.00021	-11.00	180.00	0.00021
-9.00	180.00	0.00021	9.00	180.00	0.00021
11.00	180.00	0.00021	13.00	180.00	0.00021
15.00	180.00	0.00021	17.00	180.00	0.00021
20.00	180.00	0.00021	25.00	180.00	0.00021
30.00	180.00	0.00021	40.00	180.00	0.00020
50.00	180.00	0.00019	60.00	180.00	0.00019
70.00	180.00	0.00018	80.00	180.00	0.00017
90.00	180.00	0.00017	100.00	180.00	0.00016
-100.00	190.00	0.00013	-90.00	190.00	0.00014

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-80.00	190.00	0.00015	-70.00	190.00	0.00016
-60.00	190.00	0.00017	-50.00	190.00	0.00018
-40.00	190.00	0.00019	-30.00	190.00	0.00019
-25.00	190.00	0.00020	-20.00	190.00	0.00020
-17.00	190.00	0.00020	-15.00	190.00	0.00020
-13.00	190.00	0.00020	-11.00	190.00	0.00020
-9.00	190.00	0.00020	9.00	190.00	0.00020
11.00	190.00	0.00020	13.00	190.00	0.00020
15.00	190.00	0.00020	17.00	190.00	0.00020
20.00	190.00	0.00020	25.00	190.00	0.00020
30.00	190.00	0.00020	40.00	190.00	0.00019
50.00	190.00	0.00019	60.00	190.00	0.00018
70.00	190.00	0.00017	80.00	190.00	0.00017
90.00	190.00	0.00016	100.00	190.00	0.00015
-100.00	200.00	0.00013	-90.00	200.00	0.00014
-80.00	200.00	0.00015	-70.00	200.00	0.00016
-60.00	200.00	0.00017	-50.00	200.00	0.00017
-40.00	200.00	0.00018	-30.00	200.00	0.00018
-25.00	200.00	0.00019	-20.00	200.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
 PAGE 120
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00019	-15.00	200.00	0.00019
-13.00	200.00	0.00019	-11.00	200.00	0.00019
-9.00	200.00	0.00019	9.00	200.00	0.00019
11.00	200.00	0.00019	13.00	200.00	0.00019
15.00	200.00	0.00019	17.00	200.00	0.00019
20.00	200.00	0.00019	25.00	200.00	0.00019
30.00	200.00	0.00019	40.00	200.00	0.00018
50.00	200.00	0.00018	60.00	200.00	0.00017
70.00	200.00	0.00016	80.00	200.00	0.00016
90.00	200.00	0.00015	100.00	200.00	0.00015
-100.00	210.00	0.00013	-90.00	210.00	0.00013
-80.00	210.00	0.00014	-70.00	210.00	0.00015
-60.00	210.00	0.00016	-50.00	210.00	0.00017
-40.00	210.00	0.00017	-30.00	210.00	0.00018
-25.00	210.00	0.00018	-20.00	210.00	0.00018

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-17.00	210.00	0.00018	-15.00	210.00	0.00018
-13.00	210.00	0.00018	-11.00	210.00	0.00018
-9.00	210.00	0.00018	9.00	210.00	0.00018
11.00	210.00	0.00018	13.00	210.00	0.00018
15.00	210.00	0.00018	17.00	210.00	0.00018
20.00	210.00	0.00018	25.00	210.00	0.00018
30.00	210.00	0.00018	40.00	210.00	0.00017
50.00	210.00	0.00017	60.00	210.00	0.00016
70.00	210.00	0.00016	80.00	210.00	0.00015
90.00	210.00	0.00015	100.00	210.00	0.00014
-100.00	220.00	0.00012	-90.00	220.00	0.00013
-80.00	220.00	0.00014	-70.00	220.00	0.00015
-60.00	220.00	0.00015	-50.00	220.00	0.00016
-40.00	220.00	0.00016	-30.00	220.00	0.00017
-25.00	220.00	0.00017	-20.00	220.00	0.00017
-17.00	220.00	0.00017	-15.00	220.00	0.00017
-13.00	220.00	0.00017	-11.00	220.00	0.00017
-9.00	220.00	0.00017	9.00	220.00	0.00017
11.00	220.00	0.00017	13.00	220.00	0.00017
15.00	220.00	0.00017	17.00	220.00	0.00017
20.00	220.00	0.00017	25.00	220.00	0.00017
30.00	220.00	0.00017	40.00	220.00	0.00017
50.00	220.00	0.00016	60.00	220.00	0.00016
70.00	220.00	0.00015	80.00	220.00	0.00015
90.00	220.00	0.00014	100.00	220.00	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00012	-90.00	230.00	0.00013
-80.00	230.00	0.00013	-70.00	230.00	0.00014
-60.00	230.00	0.00015	-50.00	230.00	0.00015
-40.00	230.00	0.00016	-30.00	230.00	0.00016
-25.00	230.00	0.00016	-20.00	230.00	0.00016
-17.00	230.00	0.00016	-15.00	230.00	0.00016
-13.00	230.00	0.00016	-11.00	230.00	0.00017
-9.00	230.00	0.00017	9.00	230.00	0.00017
11.00	230.00	0.00017	13.00	230.00	0.00017

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

15.00	230.00	0.00017	17.00	230.00	0.00017
20.00	230.00	0.00017	25.00	230.00	0.00016
30.00	230.00	0.00016	40.00	230.00	0.00016
50.00	230.00	0.00016	60.00	230.00	0.00015
70.00	230.00	0.00015	80.00	230.00	0.00014
90.00	230.00	0.00014	100.00	230.00	0.00013
-100.00	240.00	0.00011	-90.00	240.00	0.00012
-80.00	240.00	0.00013	-70.00	240.00	0.00014
-60.00	240.00	0.00014	-50.00	240.00	0.00015
-40.00	240.00	0.00015	-30.00	240.00	0.00015
-25.00	240.00	0.00016	-20.00	240.00	0.00016
-17.00	240.00	0.00016	-15.00	240.00	0.00016
-13.00	240.00	0.00016	-11.00	240.00	0.00016
-9.00	240.00	0.00016	9.00	240.00	0.00016
11.00	240.00	0.00016	13.00	240.00	0.00016
15.00	240.00	0.00016	17.00	240.00	0.00016
20.00	240.00	0.00016	25.00	240.00	0.00016
30.00	240.00	0.00016	40.00	240.00	0.00015
50.00	240.00	0.00015	60.00	240.00	0.00014
70.00	240.00	0.00014	80.00	240.00	0.00014
90.00	240.00	0.00013	100.00	240.00	0.00013
-100.00	250.00	0.00011	-90.00	250.00	0.00012
-80.00	250.00	0.00012	-70.00	250.00	0.00013
-60.00	250.00	0.00014	-50.00	250.00	0.00014
-40.00	250.00	0.00014	-30.00	250.00	0.00015
-25.00	250.00	0.00015	-20.00	250.00	0.00015
-17.00	250.00	0.00015	-15.00	250.00	0.00015
-13.00	250.00	0.00015	-11.00	250.00	0.00015
-9.00	250.00	0.00015	9.00	250.00	0.00015
11.00	250.00	0.00015	13.00	250.00	0.00015
15.00	250.00	0.00015	17.00	250.00	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00015	25.00	250.00	0.00015
30.00	250.00	0.00015	40.00	250.00	0.00015
50.00	250.00	0.00014	60.00	250.00	0.00014

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

70.00	250.00	0.00013	80.00	250.00	0.00013
90.00	250.00	0.00013	100.00	250.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00248	-90.00	-250.00	0.00270
-80.00	-250.00	0.00294	-70.00	-250.00	0.00321
-60.00	-250.00	0.00351	-50.00	-250.00	0.00383
-40.00	-250.00	0.00416	-30.00	-250.00	0.00445
-25.00	-250.00	0.00455	-20.00	-250.00	0.00459
-17.00	-250.00	0.00457	-15.00	-250.00	0.00453
-13.00	-250.00	0.00447	-11.00	-250.00	0.00438
-9.00	-250.00	0.00427	9.00	-250.00	0.00283
11.00	-250.00	0.00270	13.00	-250.00	0.00257
15.00	-250.00	0.00245	17.00	-250.00	0.00234
20.00	-250.00	0.00219	25.00	-250.00	0.00199
30.00	-250.00	0.00181	40.00	-250.00	0.00152
50.00	-250.00	0.00130	60.00	-250.00	0.00113
70.00	-250.00	0.00099	80.00	-250.00	0.00087
90.00	-250.00	0.00077	100.00	-250.00	0.00069
-100.00	-240.00	0.00258	-90.00	-240.00	0.00282
-80.00	-240.00	0.00309	-70.00	-240.00	0.00340
-60.00	-240.00	0.00375	-50.00	-240.00	0.00414
-40.00	-240.00	0.00457	-30.00	-240.00	0.00499
-25.00	-240.00	0.00519	-20.00	-240.00	0.00533
-17.00	-240.00	0.00539	-15.00	-240.00	0.00541
-13.00	-240.00	0.00540	-11.00	-240.00	0.00535
-9.00	-240.00	0.00525	9.00	-240.00	0.00319
11.00	-240.00	0.00300	13.00	-240.00	0.00284
15.00	-240.00	0.00269	17.00	-240.00	0.00256
20.00	-240.00	0.00239	25.00	-240.00	0.00214
30.00	-240.00	0.00194	40.00	-240.00	0.00162
50.00	-240.00	0.00137	60.00	-240.00	0.00118
70.00	-240.00	0.00103	80.00	-240.00	0.00090
90.00	-240.00	0.00080	100.00	-240.00	0.00071
-100.00	-230.00	0.00267	-90.00	-230.00	0.00293
-80.00	-230.00	0.00322	-70.00	-230.00	0.00356

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-60.00	-230.00	0.00396	-50.00	-230.00	0.00441
-40.00	-230.00	0.00491	-30.00	-230.00	0.00545
-25.00	-230.00	0.00574	-20.00	-230.00	0.00601
-17.00	-230.00	0.00617	-15.00	-230.00	0.00627
-13.00	-230.00	0.00636	-11.00	-230.00	0.00646
-9.00	-230.00	0.00654	9.00	-230.00	0.00355
11.00	-230.00	0.00331	13.00	-230.00	0.00310
15.00	-230.00	0.00293	17.00	-230.00	0.00278

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00258	25.00	-230.00	0.00230
30.00	-230.00	0.00207	40.00	-230.00	0.00171
50.00	-230.00	0.00145	60.00	-230.00	0.00124
70.00	-230.00	0.00108	80.00	-230.00	0.00094
90.00	-230.00	0.00083	100.00	-230.00	0.00074
-100.00	-220.00	0.00275	-90.00	-220.00	0.00302
-80.00	-220.00	0.00333	-70.00	-220.00	0.00370
-60.00	-220.00	0.00413	-50.00	-220.00	0.00462
-40.00	-220.00	0.00517	-30.00	-220.00	0.00578
-25.00	-220.00	0.00610	-20.00	-220.00	0.00644
-17.00	-220.00	0.00665	-15.00	-220.00	0.00679
-13.00	-220.00	0.00694	-11.00	-220.00	0.00713
-9.00	-220.00	0.00737	9.00	-220.00	0.00409
11.00	-220.00	0.00375	13.00	-220.00	0.00349
15.00	-220.00	0.00327	17.00	-220.00	0.00308
20.00	-220.00	0.00284	25.00	-220.00	0.00251
30.00	-220.00	0.00225	40.00	-220.00	0.00184
50.00	-220.00	0.00154	60.00	-220.00	0.00131
70.00	-220.00	0.00113	80.00	-220.00	0.00099
90.00	-220.00	0.00087	100.00	-220.00	0.00077
-100.00	-210.00	0.00281	-90.00	-210.00	0.00309
-80.00	-210.00	0.00342	-70.00	-210.00	0.00381
-60.00	-210.00	0.00425	-50.00	-210.00	0.00476
-40.00	-210.00	0.00534	-30.00	-210.00	0.00598
-25.00	-210.00	0.00632	-20.00	-210.00	0.00669
-17.00	-210.00	0.00692	-15.00	-210.00	0.00710

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-13.00	-210.00	0.00729	-11.00	-210.00	0.00754
-9.00	-210.00	0.00790	9.00	-210.00	0.00524
11.00	-210.00	0.00469	13.00	-210.00	0.00426
15.00	-210.00	0.00392	17.00	-210.00	0.00364
20.00	-210.00	0.00330	25.00	-210.00	0.00285
30.00	-210.00	0.00251	40.00	-210.00	0.00201
50.00	-210.00	0.00166	60.00	-210.00	0.00140
70.00	-210.00	0.00120	80.00	-210.00	0.00104
90.00	-210.00	0.00091	100.00	-210.00	0.00080
-100.00	-200.00	0.00286	-90.00	-200.00	0.00315
-80.00	-200.00	0.00349	-70.00	-200.00	0.00388
-60.00	-200.00	0.00434	-50.00	-200.00	0.00487
-40.00	-200.00	0.00548	-30.00	-200.00	0.00617
-25.00	-200.00	0.00654	-20.00	-200.00	0.00695

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00724	-15.00	-200.00	0.00747
-13.00	-200.00	0.00775	-11.00	-200.00	0.00812
-9.00	-200.00	0.00866	9.00	-200.00	0.00636
11.00	-200.00	0.00568	13.00	-200.00	0.00514
15.00	-200.00	0.00470	17.00	-200.00	0.00432
20.00	-200.00	0.00386	25.00	-200.00	0.00328
30.00	-200.00	0.00284	40.00	-200.00	0.00222
50.00	-200.00	0.00181	60.00	-200.00	0.00151
70.00	-200.00	0.00128	80.00	-200.00	0.00110
90.00	-200.00	0.00096	100.00	-200.00	0.00084
-100.00	-190.00	0.00289	-90.00	-190.00	0.00319
-80.00	-190.00	0.00354	-70.00	-190.00	0.00395
-60.00	-190.00	0.00442	-50.00	-190.00	0.00498
-40.00	-190.00	0.00562	-30.00	-190.00	0.00635
-25.00	-190.00	0.00676	-20.00	-190.00	0.00725
-17.00	-190.00	0.00762	-15.00	-190.00	0.00792
-13.00	-190.00	0.00829	-11.00	-190.00	0.00878
-9.00	-190.00	0.00944	9.00	-190.00	0.00728
11.00	-190.00	0.00652	13.00	-190.00	0.00590
15.00	-190.00	0.00540	17.00	-190.00	0.00497

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

20.00	-190.00	0.00442	25.00	-190.00	0.00372
30.00	-190.00	0.00319	40.00	-190.00	0.00245
50.00	-190.00	0.00196	60.00	-190.00	0.00162
70.00	-190.00	0.00136	80.00	-190.00	0.00116
90.00	-190.00	0.00101	100.00	-190.00	0.00088
-100.00	-180.00	0.00293	-90.00	-180.00	0.00323
-80.00	-180.00	0.00359	-70.00	-180.00	0.00401
-60.00	-180.00	0.00450	-50.00	-180.00	0.00508
-40.00	-180.00	0.00575	-30.00	-180.00	0.00654
-25.00	-180.00	0.00701	-20.00	-180.00	0.00758
-17.00	-180.00	0.00802	-15.00	-180.00	0.00838
-13.00	-180.00	0.00883	-11.00	-180.00	0.00939
-9.00	-180.00	0.01012	9.00	-180.00	0.00801
11.00	-180.00	0.00720	13.00	-180.00	0.00654
15.00	-180.00	0.00599	17.00	-180.00	0.00552
20.00	-180.00	0.00492	25.00	-180.00	0.00414
30.00	-180.00	0.00354	40.00	-180.00	0.00270
50.00	-180.00	0.00214	60.00	-180.00	0.00174
70.00	-180.00	0.00145	80.00	-180.00	0.00123
90.00	-180.00	0.00106	100.00	-180.00	0.00093

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00295	-90.00	-170.00	0.00327
-80.00	-170.00	0.00364	-70.00	-170.00	0.00407
-60.00	-170.00	0.00458	-50.00	-170.00	0.00517
-40.00	-170.00	0.00587	-30.00	-170.00	0.00673
-25.00	-170.00	0.00725	-20.00	-170.00	0.00790
-17.00	-170.00	0.00840	-15.00	-170.00	0.00881
-13.00	-170.00	0.00930	-11.00	-170.00	0.00991
-9.00	-170.00	0.01068	9.00	-170.00	0.00860
11.00	-170.00	0.00775	13.00	-170.00	0.00706
15.00	-170.00	0.00648	17.00	-170.00	0.00599
20.00	-170.00	0.00535	25.00	-170.00	0.00451
30.00	-170.00	0.00386	40.00	-170.00	0.00293
50.00	-170.00	0.00231	60.00	-170.00	0.00187
70.00	-170.00	0.00155	80.00	-170.00	0.00131

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

90.00	-170.00	0.00112	100.00	-170.00	0.00097
-100.00	-160.00	0.00298	-90.00	-160.00	0.00330
-80.00	-160.00	0.00368	-70.00	-160.00	0.00412
-60.00	-160.00	0.00464	-50.00	-160.00	0.00526
-40.00	-160.00	0.00600	-30.00	-160.00	0.00691
-25.00	-160.00	0.00748	-20.00	-160.00	0.00819
-17.00	-160.00	0.00874	-15.00	-160.00	0.00918
-13.00	-160.00	0.00970	-11.00	-160.00	0.01034
-9.00	-160.00	0.01114	9.00	-160.00	0.00908
11.00	-160.00	0.00819	13.00	-160.00	0.00749
15.00	-160.00	0.00689	17.00	-160.00	0.00638
20.00	-160.00	0.00571	25.00	-160.00	0.00483
30.00	-160.00	0.00415	40.00	-160.00	0.00315
50.00	-160.00	0.00247	60.00	-160.00	0.00200
70.00	-160.00	0.00165	80.00	-160.00	0.00138
90.00	-160.00	0.00118	100.00	-160.00	0.00102
-100.00	-150.00	0.00301	-90.00	-150.00	0.00334
-80.00	-150.00	0.00372	-70.00	-150.00	0.00417
-60.00	-150.00	0.00471	-50.00	-150.00	0.00535
-40.00	-150.00	0.00612	-30.00	-150.00	0.00708
-25.00	-150.00	0.00769	-20.00	-150.00	0.00846
-17.00	-150.00	0.00904	-15.00	-150.00	0.00951
-13.00	-150.00	0.01005	-11.00	-150.00	0.01070
-9.00	-150.00	0.01151	9.00	-150.00	0.00947
11.00	-150.00	0.00857	13.00	-150.00	0.00784
15.00	-150.00	0.00723	17.00	-150.00	0.00670

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTS:
 PAGE 127
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00602	25.00	-150.00	0.00511
30.00	-150.00	0.00439	40.00	-150.00	0.00335
50.00	-150.00	0.00263	60.00	-150.00	0.00212
70.00	-150.00	0.00174	80.00	-150.00	0.00146
90.00	-150.00	0.00124	100.00	-150.00	0.00107
-100.00	-140.00	0.00303	-90.00	-140.00	0.00336
-80.00	-140.00	0.00376	-70.00	-140.00	0.00422
-60.00	-140.00	0.00477	-50.00	-140.00	0.00543

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-40.00	-140.00	0.00623	-30.00	-140.00	0.00723
-25.00	-140.00	0.00788	-20.00	-140.00	0.00869
-17.00	-140.00	0.00929	-15.00	-140.00	0.00977
-13.00	-140.00	0.01033	-11.00	-140.00	0.01102
-9.00	-140.00	0.01186	9.00	-140.00	0.00980
11.00	-140.00	0.00888	13.00	-140.00	0.00813
15.00	-140.00	0.00751	17.00	-140.00	0.00697
20.00	-140.00	0.00628	25.00	-140.00	0.00535
30.00	-140.00	0.00461	40.00	-140.00	0.00352
50.00	-140.00	0.00277	60.00	-140.00	0.00223
70.00	-140.00	0.00183	80.00	-140.00	0.00153
90.00	-140.00	0.00130	100.00	-140.00	0.00112
-100.00	-130.00	0.00305	-90.00	-130.00	0.00339
-80.00	-130.00	0.00379	-70.00	-130.00	0.00426
-60.00	-130.00	0.00483	-50.00	-130.00	0.00551
-40.00	-130.00	0.00633	-30.00	-130.00	0.00738
-25.00	-130.00	0.00805	-20.00	-130.00	0.00889
-17.00	-130.00	0.00951	-15.00	-130.00	0.01000
-13.00	-130.00	0.01056	-11.00	-130.00	0.01126
-9.00	-130.00	0.01212	9.00	-130.00	0.01004
11.00	-130.00	0.00914	13.00	-130.00	0.00839
15.00	-130.00	0.00776	17.00	-130.00	0.00721
20.00	-130.00	0.00650	25.00	-130.00	0.00555
30.00	-130.00	0.00479	40.00	-130.00	0.00368
50.00	-130.00	0.00290	60.00	-130.00	0.00234
70.00	-130.00	0.00192	80.00	-130.00	0.00160
90.00	-130.00	0.00136	100.00	-130.00	0.00116
-100.00	-120.00	0.00306	-90.00	-120.00	0.00341
-80.00	-120.00	0.00382	-70.00	-120.00	0.00430
-60.00	-120.00	0.00488	-50.00	-120.00	0.00557
-40.00	-120.00	0.00643	-30.00	-120.00	0.00752
-25.00	-120.00	0.00821	-20.00	-120.00	0.00906

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTS:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00970	-15.00	-120.00	0.01020
-13.00	-120.00	0.01078	-11.00	-120.00	0.01147

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-9.00	-120.00	0.01234	9.00	-120.00	0.01022
11.00	-120.00	0.00933	13.00	-120.00	0.00859
15.00	-120.00	0.00796	17.00	-120.00	0.00740
20.00	-120.00	0.00669	25.00	-120.00	0.00573
30.00	-120.00	0.00496	40.00	-120.00	0.00382
50.00	-120.00	0.00302	60.00	-120.00	0.00244
70.00	-120.00	0.00201	80.00	-120.00	0.00167
90.00	-120.00	0.00142	100.00	-120.00	0.00121
-100.00	-110.00	0.00308	-90.00	-110.00	0.00343
-80.00	-110.00	0.00384	-70.00	-110.00	0.00434
-60.00	-110.00	0.00493	-50.00	-110.00	0.00564
-40.00	-110.00	0.00651	-30.00	-110.00	0.00764
-25.00	-110.00	0.00835	-20.00	-110.00	0.00922
-17.00	-110.00	0.00986	-15.00	-110.00	0.01037
-13.00	-110.00	0.01095	-11.00	-110.00	0.01163
-9.00	-110.00	0.01250	9.00	-110.00	0.01040
11.00	-110.00	0.00950	13.00	-110.00	0.00876
15.00	-110.00	0.00812	17.00	-110.00	0.00757
20.00	-110.00	0.00685	25.00	-110.00	0.00587
30.00	-110.00	0.00510	40.00	-110.00	0.00395
50.00	-110.00	0.00313	60.00	-110.00	0.00253
70.00	-110.00	0.00208	80.00	-110.00	0.00174
90.00	-110.00	0.00147	100.00	-110.00	0.00126
-100.00	-100.00	0.00309	-90.00	-100.00	0.00344
-80.00	-100.00	0.00387	-70.00	-100.00	0.00437
-60.00	-100.00	0.00497	-50.00	-100.00	0.00569
-40.00	-100.00	0.00659	-30.00	-100.00	0.00774
-25.00	-100.00	0.00847	-20.00	-100.00	0.00935
-17.00	-100.00	0.01000	-15.00	-100.00	0.01050
-13.00	-100.00	0.01109	-11.00	-100.00	0.01178
-9.00	-100.00	0.01264	9.00	-100.00	0.01055
11.00	-100.00	0.00965	13.00	-100.00	0.00891
15.00	-100.00	0.00827	17.00	-100.00	0.00771
20.00	-100.00	0.00699	25.00	-100.00	0.00600
30.00	-100.00	0.00522	40.00	-100.00	0.00405
50.00	-100.00	0.00323	60.00	-100.00	0.00262
70.00	-100.00	0.00215	80.00	-100.00	0.00180
90.00	-100.00	0.00152	100.00	-100.00	0.00130

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00309	-90.00	-90.00	0.00346
-80.00	-90.00	0.00389	-70.00	-90.00	0.00440
-60.00	-90.00	0.00501	-50.00	-90.00	0.00575
-40.00	-90.00	0.00666	-30.00	-90.00	0.00784
-25.00	-90.00	0.00857	-20.00	-90.00	0.00947
-17.00	-90.00	0.01012	-15.00	-90.00	0.01062
-13.00	-90.00	0.01121	-11.00	-90.00	0.01191
-9.00	-90.00	0.01275	9.00	-90.00	0.01069
11.00	-90.00	0.00978	13.00	-90.00	0.00903
15.00	-90.00	0.00839	17.00	-90.00	0.00783
20.00	-90.00	0.00710	25.00	-90.00	0.00612
30.00	-90.00	0.00533	40.00	-90.00	0.00415
50.00	-90.00	0.00331	60.00	-90.00	0.00269
70.00	-90.00	0.00222	80.00	-90.00	0.00186
90.00	-90.00	0.00157	100.00	-90.00	0.00134
-100.00	-80.00	0.00310	-90.00	-80.00	0.00347
-80.00	-80.00	0.00390	-70.00	-80.00	0.00442
-60.00	-80.00	0.00504	-50.00	-80.00	0.00579
-40.00	-80.00	0.00673	-30.00	-80.00	0.00792
-25.00	-80.00	0.00866	-20.00	-80.00	0.00956
-17.00	-80.00	0.01022	-15.00	-80.00	0.01073
-13.00	-80.00	0.01132	-11.00	-80.00	0.01201
-9.00	-80.00	0.01286	9.00	-80.00	0.01081
11.00	-80.00	0.00989	13.00	-80.00	0.00915
15.00	-80.00	0.00850	17.00	-80.00	0.00794
20.00	-80.00	0.00720	25.00	-80.00	0.00622
30.00	-80.00	0.00542	40.00	-80.00	0.00423
50.00	-80.00	0.00339	60.00	-80.00	0.00276
70.00	-80.00	0.00228	80.00	-80.00	0.00191
90.00	-80.00	0.00162	100.00	-80.00	0.00138
-100.00	-70.00	0.00310	-90.00	-70.00	0.00347
-80.00	-70.00	0.00391	-70.00	-70.00	0.00444
-60.00	-70.00	0.00507	-50.00	-70.00	0.00583
-40.00	-70.00	0.00678	-30.00	-70.00	0.00799
-25.00	-70.00	0.00874	-20.00	-70.00	0.00965
-17.00	-70.00	0.01031	-15.00	-70.00	0.01082
-13.00	-70.00	0.01140	-11.00	-70.00	0.01210
-9.00	-70.00	0.01295	9.00	-70.00	0.01091
11.00	-70.00	0.00999	13.00	-70.00	0.00924
15.00	-70.00	0.00860	17.00	-70.00	0.00803

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:18:59

**MODELOPTs:

PAGE 130

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00730	25.00	-70.00	0.00630
30.00	-70.00	0.00550	40.00	-70.00	0.00431
50.00	-70.00	0.00345	60.00	-70.00	0.00282
70.00	-70.00	0.00233	80.00	-70.00	0.00196
90.00	-70.00	0.00166	100.00	-70.00	0.00142
-100.00	-60.00	0.00310	-90.00	-60.00	0.00348
-80.00	-60.00	0.00392	-70.00	-60.00	0.00445
-60.00	-60.00	0.00509	-50.00	-60.00	0.00587
-40.00	-60.00	0.00683	-30.00	-60.00	0.00804
-25.00	-60.00	0.00881	-20.00	-60.00	0.00972
-17.00	-60.00	0.01039	-15.00	-60.00	0.01090
-13.00	-60.00	0.01149	-11.00	-60.00	0.01218
-9.00	-60.00	0.01303	9.00	-60.00	0.01101
11.00	-60.00	0.01008	13.00	-60.00	0.00932
15.00	-60.00	0.00868	17.00	-60.00	0.00811
20.00	-60.00	0.00738	25.00	-60.00	0.00637
30.00	-60.00	0.00557	40.00	-60.00	0.00437
50.00	-60.00	0.00351	60.00	-60.00	0.00287
70.00	-60.00	0.00238	80.00	-60.00	0.00200
90.00	-60.00	0.00170	100.00	-60.00	0.00146
-100.00	-50.00	0.00310	-90.00	-50.00	0.00348
-80.00	-50.00	0.00393	-70.00	-50.00	0.00446
-60.00	-50.00	0.00511	-50.00	-50.00	0.00590
-40.00	-50.00	0.00687	-30.00	-50.00	0.00809
-25.00	-50.00	0.00886	-20.00	-50.00	0.00978
-17.00	-50.00	0.01044	-15.00	-50.00	0.01095
-13.00	-50.00	0.01155	-11.00	-50.00	0.01227
-9.00	-50.00	0.01314	9.00	-50.00	0.01110
11.00	-50.00	0.01016	13.00	-50.00	0.00939
15.00	-50.00	0.00874	17.00	-50.00	0.00818
20.00	-50.00	0.00745	25.00	-50.00	0.00644
30.00	-50.00	0.00563	40.00	-50.00	0.00443
50.00	-50.00	0.00356	60.00	-50.00	0.00292
70.00	-50.00	0.00243	80.00	-50.00	0.00204

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

90.00	-50.00	0.00173	100.00	-50.00	0.00149
-100.00	-40.00	0.00309	-90.00	-40.00	0.00347
-80.00	-40.00	0.00393	-70.00	-40.00	0.00447
-60.00	-40.00	0.00512	-50.00	-40.00	0.00592
-40.00	-40.00	0.00690	-30.00	-40.00	0.00814
-25.00	-40.00	0.00890	-20.00	-40.00	0.00983

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.01050	-15.00	-40.00	0.01101
-13.00	-40.00	0.01160	-11.00	-40.00	0.01232
-9.00	-40.00	0.01320	9.00	-40.00	0.01114
11.00	-40.00	0.01023	13.00	-40.00	0.00946
15.00	-40.00	0.00881	17.00	-40.00	0.00825
20.00	-40.00	0.00751	25.00	-40.00	0.00650
30.00	-40.00	0.00569	40.00	-40.00	0.00448
50.00	-40.00	0.00361	60.00	-40.00	0.00296
70.00	-40.00	0.00246	80.00	-40.00	0.00208
90.00	-40.00	0.00177	100.00	-40.00	0.00152
-100.00	-30.00	0.00308	-90.00	-30.00	0.00347
-80.00	-30.00	0.00392	-70.00	-30.00	0.00447
-60.00	-30.00	0.00513	-50.00	-30.00	0.00594
-40.00	-30.00	0.00693	-30.00	-30.00	0.00818
-25.00	-30.00	0.00894	-20.00	-30.00	0.00987
-17.00	-30.00	0.01054	-15.00	-30.00	0.01106
-13.00	-30.00	0.01166	-11.00	-30.00	0.01237
-9.00	-30.00	0.01325	9.00	-30.00	0.01116
11.00	-30.00	0.01026	13.00	-30.00	0.00951
15.00	-30.00	0.00886	17.00	-30.00	0.00829
20.00	-30.00	0.00755	25.00	-30.00	0.00655
30.00	-30.00	0.00574	40.00	-30.00	0.00452
50.00	-30.00	0.00365	60.00	-30.00	0.00300
70.00	-30.00	0.00250	80.00	-30.00	0.00211
90.00	-30.00	0.00180	100.00	-30.00	0.00154
-100.00	-20.00	0.00307	-90.00	-20.00	0.00345
-80.00	-20.00	0.00392	-70.00	-20.00	0.00447
-60.00	-20.00	0.00514	-50.00	-20.00	0.00595

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-40.00	-20.00	0.00695	-30.00	-20.00	0.00821
-25.00	-20.00	0.00898	-20.00	-20.00	0.00990
-17.00	-20.00	0.01058	-15.00	-20.00	0.01110
-13.00	-20.00	0.01169	-11.00	-20.00	0.01240
-9.00	-20.00	0.01327	9.00	-20.00	0.01120
11.00	-20.00	0.01029	13.00	-20.00	0.00954
15.00	-20.00	0.00890	17.00	-20.00	0.00833
20.00	-20.00	0.00760	25.00	-20.00	0.00659
30.00	-20.00	0.00578	40.00	-20.00	0.00456
50.00	-20.00	0.00368	60.00	-20.00	0.00303
70.00	-20.00	0.00253	80.00	-20.00	0.00214
90.00	-20.00	0.00182	100.00	-20.00	0.00157

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00305	-90.00	-10.00	0.00344
-80.00	-10.00	0.00390	-70.00	-10.00	0.00446
-60.00	-10.00	0.00514	-50.00	-10.00	0.00596
-40.00	-10.00	0.00696	-30.00	-10.00	0.00823
-25.00	-10.00	0.00900	-20.00	-10.00	0.00993
-17.00	-10.00	0.01060	-15.00	-10.00	0.01112
-13.00	-10.00	0.01172	-11.00	-10.00	0.01242
-9.00	-10.00	0.01329	9.00	-10.00	0.01123
11.00	-10.00	0.01033	13.00	-10.00	0.00958
15.00	-10.00	0.00893	17.00	-10.00	0.00837
20.00	-10.00	0.00763	25.00	-10.00	0.00662
30.00	-10.00	0.00581	40.00	-10.00	0.00459
50.00	-10.00	0.00371	60.00	-10.00	0.00306
70.00	-10.00	0.00255	80.00	-10.00	0.00216
90.00	-10.00	0.00185	100.00	-10.00	0.00159
-100.00	0.00	0.00303	-90.00	0.00	0.00342
-80.00	0.00	0.00389	-70.00	0.00	0.00445
-60.00	0.00	0.00513	-50.00	0.00	0.00596
-40.00	0.00	0.00697	-30.00	0.00	0.00824
-25.00	0.00	0.00902	-20.00	0.00	0.00995
-17.00	0.00	0.01062	-15.00	0.00	0.01114
-13.00	0.00	0.01174	-11.00	0.00	0.01244

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-9.00	0.00	0.01330	9.00	0.00	0.01127
11.00	0.00	0.01036	13.00	0.00	0.00960
15.00	0.00	0.00896	17.00	0.00	0.00839
20.00	0.00	0.00766	25.00	0.00	0.00665
30.00	0.00	0.00584	40.00	0.00	0.00462
50.00	0.00	0.00374	60.00	0.00	0.00308
70.00	0.00	0.00258	80.00	0.00	0.00218
90.00	0.00	0.00187	100.00	0.00	0.00161
-100.00	10.00	0.00300	-90.00	10.00	0.00340
-80.00	10.00	0.00387	-70.00	10.00	0.00443
-60.00	10.00	0.00512	-50.00	10.00	0.00595
-40.00	10.00	0.00697	-30.00	10.00	0.00825
-25.00	10.00	0.00903	-20.00	10.00	0.00996
-17.00	10.00	0.01064	-15.00	10.00	0.01116
-13.00	10.00	0.01175	-11.00	10.00	0.01246
-9.00	10.00	0.01331	9.00	10.00	0.01130
11.00	10.00	0.01038	13.00	10.00	0.00963
15.00	10.00	0.00898	17.00	10.00	0.00841

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00767	25.00	10.00	0.00667
30.00	10.00	0.00586	40.00	10.00	0.00464
50.00	10.00	0.00376	60.00	10.00	0.00310
70.00	10.00	0.00260	80.00	10.00	0.00220
90.00	10.00	0.00189	100.00	10.00	0.00163
-100.00	20.00	0.00297	-90.00	20.00	0.00337
-80.00	20.00	0.00384	-70.00	20.00	0.00441
-60.00	20.00	0.00510	-50.00	20.00	0.00594
-40.00	20.00	0.00697	-30.00	20.00	0.00824
-25.00	20.00	0.00903	-20.00	20.00	0.00997
-17.00	20.00	0.01064	-15.00	20.00	0.01116
-13.00	20.00	0.01176	-11.00	20.00	0.01246
-9.00	20.00	0.01332	9.00	20.00	0.01132
11.00	20.00	0.01039	13.00	20.00	0.00964
15.00	20.00	0.00900	17.00	20.00	0.00843
20.00	20.00	0.00769	25.00	20.00	0.00668

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

30.00	20.00	0.00588	40.00	20.00	0.00465
50.00	20.00	0.00377	60.00	20.00	0.00312
70.00	20.00	0.00261	80.00	20.00	0.00222
90.00	20.00	0.00190	100.00	20.00	0.00164
-100.00	30.00	0.00294	-90.00	30.00	0.00333
-80.00	30.00	0.00381	-70.00	30.00	0.00438
-60.00	30.00	0.00508	-50.00	30.00	0.00592
-40.00	30.00	0.00695	-30.00	30.00	0.00823
-25.00	30.00	0.00902	-20.00	30.00	0.00996
-17.00	30.00	0.01064	-15.00	30.00	0.01117
-13.00	30.00	0.01176	-11.00	30.00	0.01247
-9.00	30.00	0.01332	9.00	30.00	0.01134
11.00	30.00	0.01041	13.00	30.00	0.00965
15.00	30.00	0.00901	17.00	30.00	0.00844
20.00	30.00	0.00770	25.00	30.00	0.00669
30.00	30.00	0.00588	40.00	30.00	0.00466
50.00	30.00	0.00378	60.00	30.00	0.00313
70.00	30.00	0.00262	80.00	30.00	0.00223
90.00	30.00	0.00191	100.00	30.00	0.00166
-100.00	40.00	0.00290	-90.00	40.00	0.00329
-80.00	40.00	0.00377	-70.00	40.00	0.00435
-60.00	40.00	0.00504	-50.00	40.00	0.00589
-40.00	40.00	0.00693	-30.00	40.00	0.00821
-25.00	40.00	0.00900	-20.00	40.00	0.00995

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
 PAGE 134
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.01063	-15.00	40.00	0.01115
-13.00	40.00	0.01175	-11.00	40.00	0.01247
-9.00	40.00	0.01335	9.00	40.00	0.01136
11.00	40.00	0.01042	13.00	40.00	0.00965
15.00	40.00	0.00900	17.00	40.00	0.00844
20.00	40.00	0.00771	25.00	40.00	0.00670
30.00	40.00	0.00589	40.00	40.00	0.00467
50.00	40.00	0.00379	60.00	40.00	0.00314
70.00	40.00	0.00263	80.00	40.00	0.00224
90.00	40.00	0.00193	100.00	40.00	0.00167

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-100.00	50.00	0.00285	-90.00	50.00	0.00325
-80.00	50.00	0.00373	-70.00	50.00	0.00430
-60.00	50.00	0.00500	-50.00	50.00	0.00585
-40.00	50.00	0.00689	-30.00	50.00	0.00819
-25.00	50.00	0.00897	-20.00	50.00	0.00992
-17.00	50.00	0.01061	-15.00	50.00	0.01113
-13.00	50.00	0.01173	-11.00	50.00	0.01245
-9.00	50.00	0.01334	9.00	50.00	0.01133
11.00	50.00	0.01042	13.00	50.00	0.00966
15.00	50.00	0.00901	17.00	50.00	0.00844
20.00	50.00	0.00771	25.00	50.00	0.00670
30.00	50.00	0.00589	40.00	50.00	0.00467
50.00	50.00	0.00379	60.00	50.00	0.00314
70.00	50.00	0.00264	80.00	50.00	0.00225
90.00	50.00	0.00193	100.00	50.00	0.00168
-100.00	60.00	0.00280	-90.00	60.00	0.00320
-80.00	60.00	0.00367	-70.00	60.00	0.00425
-60.00	60.00	0.00495	-50.00	60.00	0.00581
-40.00	60.00	0.00685	-30.00	60.00	0.00815
-25.00	60.00	0.00894	-20.00	60.00	0.00989
-17.00	60.00	0.01058	-15.00	60.00	0.01110
-13.00	60.00	0.01171	-11.00	60.00	0.01243
-9.00	60.00	0.01332	9.00	60.00	0.01128
11.00	60.00	0.01039	13.00	60.00	0.00964
15.00	60.00	0.00900	17.00	60.00	0.00843
20.00	60.00	0.00770	25.00	60.00	0.00669
30.00	60.00	0.00588	40.00	60.00	0.00467
50.00	60.00	0.00379	60.00	60.00	0.00314
70.00	60.00	0.00264	80.00	60.00	0.00225
90.00	60.00	0.00194	100.00	60.00	0.00168

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:18:59

**MODELOPTs:
 PAGE 135

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00275	-90.00	70.00	0.00314
-80.00	70.00	0.00361	-70.00	70.00	0.00419
-60.00	70.00	0.00489	-50.00	70.00	0.00575
-40.00	70.00	0.00680	-30.00	70.00	0.00811

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-25.00	70.00	0.00890	-20.00	70.00	0.00985
-17.00	70.00	0.01054	-15.00	70.00	0.01107
-13.00	70.00	0.01168	-11.00	70.00	0.01239
-9.00	70.00	0.01327	9.00	70.00	0.01126
11.00	70.00	0.01036	13.00	70.00	0.00961
15.00	70.00	0.00897	17.00	70.00	0.00841
20.00	70.00	0.00768	25.00	70.00	0.00668
30.00	70.00	0.00587	40.00	70.00	0.00466
50.00	70.00	0.00379	60.00	70.00	0.00314
70.00	70.00	0.00264	80.00	70.00	0.00226
90.00	70.00	0.00194	100.00	70.00	0.00169
-100.00	80.00	0.00268	-90.00	80.00	0.00307
-80.00	80.00	0.00355	-70.00	80.00	0.00412
-60.00	80.00	0.00482	-50.00	80.00	0.00568
-40.00	80.00	0.00673	-30.00	80.00	0.00805
-25.00	80.00	0.00885	-20.00	80.00	0.00980
-17.00	80.00	0.01049	-15.00	80.00	0.01102
-13.00	80.00	0.01163	-11.00	80.00	0.01234
-9.00	80.00	0.01322	9.00	80.00	0.01123
11.00	80.00	0.01033	13.00	80.00	0.00959
15.00	80.00	0.00895	17.00	80.00	0.00838
20.00	80.00	0.00765	25.00	80.00	0.00666
30.00	80.00	0.00585	40.00	80.00	0.00464
50.00	80.00	0.00378	60.00	80.00	0.00314
70.00	80.00	0.00264	80.00	80.00	0.00225
90.00	80.00	0.00194	100.00	80.00	0.00169
-100.00	90.00	0.00262	-90.00	90.00	0.00300
-80.00	90.00	0.00347	-70.00	90.00	0.00404
-60.00	90.00	0.00474	-50.00	90.00	0.00559
-40.00	90.00	0.00665	-30.00	90.00	0.00797
-25.00	90.00	0.00878	-20.00	90.00	0.00974
-17.00	90.00	0.01043	-15.00	90.00	0.01096
-13.00	90.00	0.01157	-11.00	90.00	0.01228
-9.00	90.00	0.01315	9.00	90.00	0.01120
11.00	90.00	0.01029	13.00	90.00	0.00955
15.00	90.00	0.00891	17.00	90.00	0.00835

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:18:59
 **MODELOPTs:
 PAGE 136

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00762	25.00	90.00	0.00663
30.00	90.00	0.00583	40.00	90.00	0.00463
50.00	90.00	0.00377	60.00	90.00	0.00313
70.00	90.00	0.00264	80.00	90.00	0.00225
90.00	90.00	0.00194	100.00	90.00	0.00169
-100.00	100.00	0.00254	-90.00	100.00	0.00292
-80.00	100.00	0.00338	-70.00	100.00	0.00394
-60.00	100.00	0.00464	-50.00	100.00	0.00549
-40.00	100.00	0.00655	-30.00	100.00	0.00788
-25.00	100.00	0.00869	-20.00	100.00	0.00966
-17.00	100.00	0.01035	-15.00	100.00	0.01088
-13.00	100.00	0.01149	-11.00	100.00	0.01221
-9.00	100.00	0.01308	9.00	100.00	0.01116
11.00	100.00	0.01025	13.00	100.00	0.00951
15.00	100.00	0.00887	17.00	100.00	0.00830
20.00	100.00	0.00758	25.00	100.00	0.00659
30.00	100.00	0.00580	40.00	100.00	0.00460
50.00	100.00	0.00375	60.00	100.00	0.00312
70.00	100.00	0.00263	80.00	100.00	0.00225
90.00	100.00	0.00194	100.00	100.00	0.00169
-100.00	110.00	0.00246	-90.00	110.00	0.00283
-80.00	110.00	0.00328	-70.00	110.00	0.00384
-60.00	110.00	0.00452	-50.00	110.00	0.00537
-40.00	110.00	0.00643	-30.00	110.00	0.00777
-25.00	110.00	0.00858	-20.00	110.00	0.00956
-17.00	110.00	0.01025	-15.00	110.00	0.01079
-13.00	110.00	0.01140	-11.00	110.00	0.01211
-9.00	110.00	0.01299	9.00	110.00	0.01110
11.00	110.00	0.01019	13.00	110.00	0.00945
15.00	110.00	0.00881	17.00	110.00	0.00825
20.00	110.00	0.00753	25.00	110.00	0.00654
30.00	110.00	0.00576	40.00	110.00	0.00457
50.00	110.00	0.00373	60.00	110.00	0.00310
70.00	110.00	0.00262	80.00	110.00	0.00224
90.00	110.00	0.00193	100.00	110.00	0.00168
-100.00	120.00	0.00237	-90.00	120.00	0.00273
-80.00	120.00	0.00317	-70.00	120.00	0.00372
-60.00	120.00	0.00439	-50.00	120.00	0.00524
-40.00	120.00	0.00629	-30.00	120.00	0.00762
-25.00	120.00	0.00845	-20.00	120.00	0.00943

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:
PAGE 137

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.01014	-15.00	120.00	0.01068
-13.00	120.00	0.01129	-11.00	120.00	0.01201
-9.00	120.00	0.01288	9.00	120.00	0.01104
11.00	120.00	0.01012	13.00	120.00	0.00937
15.00	120.00	0.00874	17.00	120.00	0.00819
20.00	120.00	0.00747	25.00	120.00	0.00649
30.00	120.00	0.00570	40.00	120.00	0.00453
50.00	120.00	0.00370	60.00	120.00	0.00308
70.00	120.00	0.00260	80.00	120.00	0.00222
90.00	120.00	0.00192	100.00	120.00	0.00167
-100.00	130.00	0.00227	-90.00	130.00	0.00262
-80.00	130.00	0.00305	-70.00	130.00	0.00358
-60.00	130.00	0.00425	-50.00	130.00	0.00507
-40.00	130.00	0.00612	-30.00	130.00	0.00745
-25.00	130.00	0.00828	-20.00	130.00	0.00927
-17.00	130.00	0.00998	-15.00	130.00	0.01052
-13.00	130.00	0.01114	-11.00	130.00	0.01189
-9.00	130.00	0.01279	9.00	130.00	0.01096
11.00	130.00	0.01004	13.00	130.00	0.00928
15.00	130.00	0.00866	17.00	130.00	0.00811
20.00	130.00	0.00740	25.00	130.00	0.00642
30.00	130.00	0.00565	40.00	130.00	0.00449
50.00	130.00	0.00367	60.00	130.00	0.00305
70.00	130.00	0.00258	80.00	130.00	0.00221
90.00	130.00	0.00191	100.00	130.00	0.00167
-100.00	140.00	0.00217	-90.00	140.00	0.00250
-80.00	140.00	0.00292	-70.00	140.00	0.00343
-60.00	140.00	0.00408	-50.00	140.00	0.00489
-40.00	140.00	0.00592	-30.00	140.00	0.00725
-25.00	140.00	0.00808	-20.00	140.00	0.00908
-17.00	140.00	0.00980	-15.00	140.00	0.01034
-13.00	140.00	0.01097	-11.00	140.00	0.01171
-9.00	140.00	0.01263	9.00	140.00	0.01083
11.00	140.00	0.00994	13.00	140.00	0.00920
15.00	140.00	0.00857	17.00	140.00	0.00802
20.00	140.00	0.00731	25.00	140.00	0.00635

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

30.00	140.00	0.00558	40.00	140.00	0.00444
50.00	140.00	0.00363	60.00	140.00	0.00302
70.00	140.00	0.00256	80.00	140.00	0.00219
90.00	140.00	0.00190	100.00	140.00	0.00166

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00206	-90.00	150.00	0.00238
-80.00	150.00	0.00277	-70.00	150.00	0.00326
-60.00	150.00	0.00389	-50.00	150.00	0.00467
-40.00	150.00	0.00568	-30.00	150.00	0.00700
-25.00	150.00	0.00783	-20.00	150.00	0.00884
-17.00	150.00	0.00957	-15.00	150.00	0.01012
-13.00	150.00	0.01076	-11.00	150.00	0.01151
-9.00	150.00	0.01243	9.00	150.00	0.01066
11.00	150.00	0.00979	13.00	150.00	0.00907
15.00	150.00	0.00845	17.00	150.00	0.00791
20.00	150.00	0.00721	25.00	150.00	0.00626
30.00	150.00	0.00551	40.00	150.00	0.00439
50.00	150.00	0.00359	60.00	150.00	0.00299
70.00	150.00	0.00253	80.00	150.00	0.00217
90.00	150.00	0.00188	100.00	150.00	0.00165
-100.00	160.00	0.00194	-90.00	160.00	0.00224
-80.00	160.00	0.00261	-70.00	160.00	0.00308
-60.00	160.00	0.00367	-50.00	160.00	0.00443
-40.00	160.00	0.00540	-30.00	160.00	0.00670
-25.00	160.00	0.00753	-20.00	160.00	0.00854
-17.00	160.00	0.00928	-15.00	160.00	0.00984
-13.00	160.00	0.01048	-11.00	160.00	0.01123
-9.00	160.00	0.01216	9.00	160.00	0.01049
11.00	160.00	0.00963	13.00	160.00	0.00891
15.00	160.00	0.00830	17.00	160.00	0.00777
20.00	160.00	0.00709	25.00	160.00	0.00616
30.00	160.00	0.00543	40.00	160.00	0.00433
50.00	160.00	0.00354	60.00	160.00	0.00295
70.00	160.00	0.00250	80.00	160.00	0.00215
90.00	160.00	0.00187	100.00	160.00	0.00164

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-100.00	170.00	0.00183	-90.00	170.00	0.00210
-80.00	170.00	0.00245	-70.00	170.00	0.00288
-60.00	170.00	0.00344	-50.00	170.00	0.00415
-40.00	170.00	0.00508	-30.00	170.00	0.00634
-25.00	170.00	0.00715	-20.00	170.00	0.00816
-17.00	170.00	0.00890	-15.00	170.00	0.00947
-13.00	170.00	0.01013	-11.00	170.00	0.01089
-9.00	170.00	0.01182	9.00	170.00	0.01029
11.00	170.00	0.00944	13.00	170.00	0.00873
15.00	170.00	0.00814	17.00	170.00	0.00762

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00695	25.00	170.00	0.00605
30.00	170.00	0.00533	40.00	170.00	0.00425
50.00	170.00	0.00348	60.00	170.00	0.00291
70.00	170.00	0.00247	80.00	170.00	0.00213
90.00	170.00	0.00185	100.00	170.00	0.00163
-100.00	180.00	0.00171	-90.00	180.00	0.00196
-80.00	180.00	0.00228	-70.00	180.00	0.00268
-60.00	180.00	0.00318	-50.00	180.00	0.00384
-40.00	180.00	0.00471	-30.00	180.00	0.00590
-25.00	180.00	0.00669	-20.00	180.00	0.00769
-17.00	180.00	0.00843	-15.00	180.00	0.00901
-13.00	180.00	0.00967	-11.00	180.00	0.01045
-9.00	180.00	0.01138	9.00	180.00	0.01005
11.00	180.00	0.00921	13.00	180.00	0.00853
15.00	180.00	0.00794	17.00	180.00	0.00744
20.00	180.00	0.00679	25.00	180.00	0.00592
30.00	180.00	0.00522	40.00	180.00	0.00417
50.00	180.00	0.00342	60.00	180.00	0.00286
70.00	180.00	0.00244	80.00	180.00	0.00210
90.00	180.00	0.00183	100.00	180.00	0.00161
-100.00	190.00	0.00159	-90.00	190.00	0.00182
-80.00	190.00	0.00211	-70.00	190.00	0.00247
-60.00	190.00	0.00292	-50.00	190.00	0.00351
-40.00	190.00	0.00430	-30.00	190.00	0.00541

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

-25.00	190.00	0.00615	-20.00	190.00	0.00711
-17.00	190.00	0.00784	-15.00	190.00	0.00841
-13.00	190.00	0.00908	-11.00	190.00	0.00987
-9.00	190.00	0.01082	9.00	190.00	0.00978
11.00	190.00	0.00896	13.00	190.00	0.00830
15.00	190.00	0.00774	17.00	190.00	0.00725
20.00	190.00	0.00663	25.00	190.00	0.00578
30.00	190.00	0.00510	40.00	190.00	0.00408
50.00	190.00	0.00336	60.00	190.00	0.00282
70.00	190.00	0.00241	80.00	190.00	0.00208
90.00	190.00	0.00182	100.00	190.00	0.00160
-100.00	200.00	0.00149	-90.00	200.00	0.00169
-80.00	200.00	0.00194	-70.00	200.00	0.00226
-60.00	200.00	0.00266	-50.00	200.00	0.00318
-40.00	200.00	0.00388	-30.00	200.00	0.00486
-25.00	200.00	0.00554	-20.00	200.00	0.00643

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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CONC URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00712	-15.00	200.00	0.00767
-13.00	200.00	0.00832	-11.00	200.00	0.00911
-9.00	200.00	0.01008	9.00	200.00	0.00947
11.00	200.00	0.00868	13.00	200.00	0.00805
15.00	200.00	0.00752	17.00	200.00	0.00705
20.00	200.00	0.00645	25.00	200.00	0.00563
30.00	200.00	0.00498	40.00	200.00	0.00400
50.00	200.00	0.00330	60.00	200.00	0.00278
70.00	200.00	0.00238	80.00	200.00	0.00206
90.00	200.00	0.00180	100.00	200.00	0.00159
-100.00	210.00	0.00139	-90.00	210.00	0.00157
-80.00	210.00	0.00180	-70.00	210.00	0.00208
-60.00	210.00	0.00243	-50.00	210.00	0.00288
-40.00	210.00	0.00347	-30.00	210.00	0.00432
-25.00	210.00	0.00491	-20.00	210.00	0.00569
-17.00	210.00	0.00631	-15.00	210.00	0.00681
-13.00	210.00	0.00741	-11.00	210.00	0.00816
-9.00	210.00	0.00910	9.00	210.00	0.00914

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

11.00	210.00	0.00838	13.00	210.00	0.00778
15.00	210.00	0.00728	17.00	210.00	0.00684
20.00	210.00	0.00626	25.00	210.00	0.00548
30.00	210.00	0.00486	40.00	210.00	0.00392
50.00	210.00	0.00324	60.00	210.00	0.00273
70.00	210.00	0.00234	80.00	210.00	0.00203
90.00	210.00	0.00178	100.00	210.00	0.00157
-100.00	220.00	0.00130	-90.00	220.00	0.00147
-80.00	220.00	0.00167	-70.00	220.00	0.00192
-60.00	220.00	0.00223	-50.00	220.00	0.00262
-40.00	220.00	0.00314	-30.00	220.00	0.00386
-25.00	220.00	0.00436	-20.00	220.00	0.00502
-17.00	220.00	0.00553	-15.00	220.00	0.00595
-13.00	220.00	0.00645	-11.00	220.00	0.00707
-9.00	220.00	0.00786	9.00	220.00	0.00880
11.00	220.00	0.00810	13.00	220.00	0.00752
15.00	220.00	0.00704	17.00	220.00	0.00663
20.00	220.00	0.00608	25.00	220.00	0.00533
30.00	220.00	0.00473	40.00	220.00	0.00383
50.00	220.00	0.00317	60.00	220.00	0.00268
70.00	220.00	0.00230	80.00	220.00	0.00200
90.00	220.00	0.00175	100.00	220.00	0.00155

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00122	-90.00	230.00	0.00137
-80.00	230.00	0.00156	-70.00	230.00	0.00178
-60.00	230.00	0.00206	-50.00	230.00	0.00241
-40.00	230.00	0.00288	-30.00	230.00	0.00354
-25.00	230.00	0.00399	-20.00	230.00	0.00459
-17.00	230.00	0.00506	-15.00	230.00	0.00543
-13.00	230.00	0.00587	-11.00	230.00	0.00640
-9.00	230.00	0.00705	9.00	230.00	0.00824
11.00	230.00	0.00767	13.00	230.00	0.00716
15.00	230.00	0.00672	17.00	230.00	0.00633
20.00	230.00	0.00583	25.00	230.00	0.00513
30.00	230.00	0.00456	40.00	230.00	0.00370

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound

50.00	230.00	0.00308	60.00	230.00	0.00261
70.00	230.00	0.00225	80.00	230.00	0.00196
90.00	230.00	0.00172	100.00	230.00	0.00153
-100.00	240.00	0.00115	-90.00	240.00	0.00130
-80.00	240.00	0.00147	-70.00	240.00	0.00167
-60.00	240.00	0.00193	-50.00	240.00	0.00227
-40.00	240.00	0.00271	-30.00	240.00	0.00334
-25.00	240.00	0.00378	-20.00	240.00	0.00435
-17.00	240.00	0.00478	-15.00	240.00	0.00513
-13.00	240.00	0.00553	-11.00	240.00	0.00600
-9.00	240.00	0.00652	9.00	240.00	0.00707
11.00	240.00	0.00672	13.00	240.00	0.00638
15.00	240.00	0.00607	17.00	240.00	0.00578
20.00	240.00	0.00538	25.00	240.00	0.00480
30.00	240.00	0.00430	40.00	240.00	0.00354
50.00	240.00	0.00297	60.00	240.00	0.00253
70.00	240.00	0.00219	80.00	240.00	0.00191
90.00	240.00	0.00169	100.00	240.00	0.00150
-100.00	250.00	0.00110	-90.00	250.00	0.00124
-80.00	250.00	0.00140	-70.00	250.00	0.00160
-60.00	250.00	0.00184	-50.00	250.00	0.00216
-40.00	250.00	0.00258	-30.00	250.00	0.00316
-25.00	250.00	0.00357	-20.00	250.00	0.00409
-17.00	250.00	0.00447	-15.00	250.00	0.00476
-13.00	250.00	0.00508	-11.00	250.00	0.00541
-9.00	250.00	0.00575	9.00	250.00	0.00594
11.00	250.00	0.00572	13.00	250.00	0.00551
15.00	250.00	0.00530	17.00	250.00	0.00510

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00481	25.00	250.00	0.00437
30.00	250.00	0.00398	40.00	250.00	0.00334
50.00	250.00	0.00283	60.00	250.00	0.00243
70.00	250.00	0.00212	80.00	250.00	0.00186
90.00	250.00	0.00165	100.00	250.00	0.00147

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

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*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00725 AT (-9.00, 190.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00725 AT (-9.00, 180.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00700 AT (-9.00, 170.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00697 AT (-9.00, 200.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00656 AT (-9.00, 160.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00644 AT (-11.00, 180.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00638 AT (9.00, 210.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00638 AT (-11.00, 190.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00636 AT (-9.00, 210.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00635 AT (9.00, 220.00, 0.00, 1.20)	DC	NA

NCRA_S2	1ST HIGHEST VALUE IS	0.00725 AT (-9.00, 100.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00725 AT (-9.00, 90.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00700 AT (-9.00, 80.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00697 AT (-9.00, 110.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00656 AT (-9.00, 70.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00644 AT (-11.00, 90.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00638 AT (9.00, 120.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00638 AT (-11.00, 100.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00636 AT (-9.00, 120.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00635 AT (9.00, 130.00, 0.00, 1.20)	DC	NA

NCRA_S3	1ST HIGHEST VALUE IS	0.00725 AT (-9.00, 10.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00725 AT (-9.00, 0.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00700 AT (-9.00, -10.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00697 AT (-9.00, 20.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00656 AT (-9.00, -20.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00644 AT (-11.00, 0.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00638 AT (9.00, 30.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00638 AT (-11.00, 10.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00636 AT (-9.00, 30.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00635 AT (9.00, 40.00, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00725 AT (-9.00, -80.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00725 AT (-9.00, -90.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00700 AT (-9.00, -100.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00697 AT (-9.00, -70.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00656 AT (-9.00, -110.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00644 AT (-11.00, -90.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00638 AT (9.00, -60.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00638 AT (-11.00, -80.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00636 AT (-9.00, -60.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00635 AT (9.00, -50.00, 0.00, 1.20)	DC	NA

NCRA_S5	1ST HIGHEST VALUE IS	0.00725 AT (-9.00, -170.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00725 AT (-9.00, -180.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00700 AT (-9.00, -190.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00697 AT (-9.00, -160.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00656 AT (-9.00, -200.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00644 AT (-11.00, -180.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00638 AT (9.00, -150.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00638 AT (-11.00, -170.00, 0.00, 1.20)	DC	NA

01NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound									
	9TH HIGHEST VALUE IS	0.00636	AT (	-9.00,	-150.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00635	AT (	9.00,	-140.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01335	AT (	-9.00,	40.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01334	AT (	-9.00,	50.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01332	AT (	-9.00,	60.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01332	AT (	-9.00,	20.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01332	AT (	-9.00,	30.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01331	AT (	-9.00,	10.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01330	AT (	-9.00,	0.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01329	AT (	-9.00,	-10.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01327	AT (	-9.00,	-20.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01327	AT (	-9.00,	70.00,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 162 Informational Message(s)
 A Total of 162 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 16:28:19

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at North/South Bound Direction
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTS FLAT
CO FLAGPOLE 1.2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA -4.5 135.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA -4.5 45.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -4.5 -45.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -4.5 -135.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -4.5 -225.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 0 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 0 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 0 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 0 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 0 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

RE DISCCART	-100.0	-250.0	1.2
RE DISCCART	-90.0	-250.0	1.2
RE DISCCART	-80.0	-250.0	1.2
RE DISCCART	-70.0	-250.0	1.2
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RE DISCCART	-30.0	-250.0	1.2
RE DISCCART	-25.0	-250.0	1.2
RE DISCCART	-20.0	-250.0	1.2
RE DISCCART	-17.0	-250.0	1.2
RE DISCCART	-15.0	-250.0	1.2
RE DISCCART	-13.0	-250.0	1.2
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RE DISCCART	-9.0	-250.0	1.2
RE DISCCART	9.0	-250.0	1.2
RE DISCCART	11.0	-250.0	1.2
RE DISCCART	13.0	-250.0	1.2
RE DISCCART	15.0	-250.0	1.2
RE DISCCART	17.0	-250.0	1.2
RE DISCCART	20.0	-250.0	1.2
RE DISCCART	25.0	-250.0	1.2
RE DISCCART	30.0	-250.0	1.2
RE DISCCART	40.0	-250.0	1.2
RE DISCCART	50.0	-250.0	1.2
RE DISCCART	60.0	-250.0	1.2
RE DISCCART	70.0	-250.0	1.2
RE DISCCART	80.0	-250.0	1.2
RE DISCCART	90.0	-250.0	1.2
RE DISCCART	100.0	-250.0	1.2
RE DISCCART	-100.0	-240.0	1.2
RE DISCCART	-90.0	-240.0	1.2
RE DISCCART	-80.0	-240.0	1.2
RE DISCCART	-70.0	-240.0	1.2
RE DISCCART	-60.0	-240.0	1.2
RE DISCCART	-50.0	-240.0	1.2
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RE DISCCART	-20.0	-240.0	1.2
RE DISCCART	-17.0	-240.0	1.2
RE DISCCART	-15.0	-240.0	1.2
RE DISCCART	-13.0	-240.0	1.2

RE DISCCART	-11.0	-240.0	1.2
RE DISCCART	-9.0	-240.0	1.2
RE DISCCART	9.0	-240.0	1.2
RE DISCCART	11.0	-240.0	1.2
RE DISCCART	13.0	-240.0	1.2
RE DISCCART	15.0	-240.0	1.2
RE DISCCART	17.0	-240.0	1.2
RE DISCCART	20.0	-240.0	1.2
RE DISCCART	25.0	-240.0	1.2
RE DISCCART	30.0	-240.0	1.2
RE DISCCART	40.0	-240.0	1.2
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RE DISCCART	-25.0	-230.0	1.2
RE DISCCART	-20.0	-230.0	1.2
RE DISCCART	-17.0	-230.0	1.2
RE DISCCART	-15.0	-230.0	1.2
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RE DISCCART	13.0	-230.0	1.2
RE DISCCART	15.0	-230.0	1.2
RE DISCCART	17.0	-230.0	1.2
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RE DISCCART	40.0	-230.0	1.2
RE DISCCART	50.0	-230.0	1.2
RE DISCCART	60.0	-230.0	1.2
RE DISCCART	70.0	-230.0	1.2

RE DISCCART	80.0	-230.0	1.2
RE DISCCART	90.0	-230.0	1.2
RE DISCCART	100.0	-230.0	1.2
RE DISCCART	-100.0	-220.0	1.2
RE DISCCART	-90.0	-220.0	1.2
RE DISCCART	-80.0	-220.0	1.2
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RE DISCCART	-25.0	-220.0	1.2
RE DISCCART	-20.0	-220.0	1.2
RE DISCCART	-17.0	-220.0	1.2
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RE DISCCART	-13.0	-220.0	1.2
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RE DISCCART	-9.0	-220.0	1.2
RE DISCCART	9.0	-220.0	1.2
RE DISCCART	11.0	-220.0	1.2
RE DISCCART	13.0	-220.0	1.2
RE DISCCART	15.0	-220.0	1.2
RE DISCCART	17.0	-220.0	1.2
RE DISCCART	20.0	-220.0	1.2
RE DISCCART	25.0	-220.0	1.2
RE DISCCART	30.0	-220.0	1.2
RE DISCCART	40.0	-220.0	1.2
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RE DISCCART	70.0	-220.0	1.2
RE DISCCART	80.0	-220.0	1.2
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RE DISCCART	-25.0	-210.0	1.2
RE DISCCART	-20.0	-210.0	1.2
RE DISCCART	-17.0	-210.0	1.2

RE DISCCART	-15.0	-210.0	1.2
RE DISCCART	-13.0	-210.0	1.2
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RE DISCCART	9.0	-210.0	1.2
RE DISCCART	11.0	-210.0	1.2
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RE DISCCART	60.0	-210.0	1.2
RE DISCCART	70.0	-210.0	1.2
RE DISCCART	80.0	-210.0	1.2
RE DISCCART	90.0	-210.0	1.2
RE DISCCART	100.0	-210.0	1.2
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RE DISCCART	-80.0	-200.0	1.2
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RE DISCCART	-50.0	-200.0	1.2
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RE DISCCART	9.0	-200.0	1.2
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RE DISCCART	40.0	-200.0	1.2
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RE DISCCART	-25.0	-190.0	1.2
RE DISCCART	-20.0	-190.0	1.2
RE DISCCART	-17.0	-190.0	1.2
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RE DISCCART	-13.0	-190.0	1.2
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RE DISCCART	-60.0	-150.0	1.2
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RE DISCCART	-40.0	-150.0	1.2

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RE DISCCART	-25.0	-150.0	1.2
RE DISCCART	-20.0	-150.0	1.2
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RE DISCCART	-20.0	-140.0	1.2
RE DISCCART	-17.0	-140.0	1.2
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RE DISCCART	-13.0	-140.0	1.2
RE DISCCART	-11.0	-140.0	1.2
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RE DISCCART	9.0	-140.0	1.2
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RE DISCCART	17.0	-140.0	1.2
RE DISCCART	20.0	-140.0	1.2

RE DISCCART	25.0	-140.0	1.2
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RE DISCCART	-100.0	-130.0	1.2
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RE DISCCART	-20.0	-130.0	1.2
RE DISCCART	-17.0	-130.0	1.2
RE DISCCART	-15.0	-130.0	1.2
RE DISCCART	-13.0	-130.0	1.2
RE DISCCART	-11.0	-130.0	1.2
RE DISCCART	-9.0	-130.0	1.2
RE DISCCART	9.0	-130.0	1.2
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RE DISCCART	13.0	-130.0	1.2
RE DISCCART	15.0	-130.0	1.2
RE DISCCART	17.0	-130.0	1.2
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RE DISCCART	30.0	-130.0	1.2
RE DISCCART	40.0	-130.0	1.2
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RE DISCCART	60.0	-130.0	1.2
RE DISCCART	70.0	-130.0	1.2
RE DISCCART	80.0	-130.0	1.2
RE DISCCART	90.0	-130.0	1.2
RE DISCCART	100.0	-130.0	1.2
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RE DISCCART	90.0	160.0	1.2
RE DISCCART	100.0	160.0	1.2
RE DISCCART	-100.0	170.0	1.2
RE DISCCART	-90.0	170.0	1.2
RE DISCCART	-80.0	170.0	1.2
RE DISCCART	-70.0	170.0	1.2
RE DISCCART	-60.0	170.0	1.2
RE DISCCART	-50.0	170.0	1.2
RE DISCCART	-40.0	170.0	1.2
RE DISCCART	-30.0	170.0	1.2
RE DISCCART	-25.0	170.0	1.2
RE DISCCART	-20.0	170.0	1.2
RE DISCCART	-17.0	170.0	1.2
RE DISCCART	-15.0	170.0	1.2
RE DISCCART	-13.0	170.0	1.2
RE DISCCART	-11.0	170.0	1.2
RE DISCCART	-9.0	170.0	1.2

RE DISCCART	9.0	170.0	1.2
RE DISCCART	11.0	170.0	1.2
RE DISCCART	13.0	170.0	1.2
RE DISCCART	15.0	170.0	1.2
RE DISCCART	17.0	170.0	1.2
RE DISCCART	20.0	170.0	1.2
RE DISCCART	25.0	170.0	1.2
RE DISCCART	30.0	170.0	1.2
RE DISCCART	40.0	170.0	1.2
RE DISCCART	50.0	170.0	1.2
RE DISCCART	60.0	170.0	1.2
RE DISCCART	70.0	170.0	1.2
RE DISCCART	80.0	170.0	1.2
RE DISCCART	90.0	170.0	1.2
RE DISCCART	100.0	170.0	1.2
RE DISCCART	-100.0	180.0	1.2
RE DISCCART	-90.0	180.0	1.2
RE DISCCART	-80.0	180.0	1.2
RE DISCCART	-70.0	180.0	1.2
RE DISCCART	-60.0	180.0	1.2
RE DISCCART	-50.0	180.0	1.2
RE DISCCART	-40.0	180.0	1.2
RE DISCCART	-30.0	180.0	1.2
RE DISCCART	-25.0	180.0	1.2
RE DISCCART	-20.0	180.0	1.2
RE DISCCART	-17.0	180.0	1.2
RE DISCCART	-15.0	180.0	1.2
RE DISCCART	-13.0	180.0	1.2
RE DISCCART	-11.0	180.0	1.2
RE DISCCART	-9.0	180.0	1.2
RE DISCCART	9.0	180.0	1.2
RE DISCCART	11.0	180.0	1.2
RE DISCCART	13.0	180.0	1.2
RE DISCCART	15.0	180.0	1.2
RE DISCCART	17.0	180.0	1.2
RE DISCCART	20.0	180.0	1.2
RE DISCCART	25.0	180.0	1.2
RE DISCCART	30.0	180.0	1.2
RE DISCCART	40.0	180.0	1.2
RE DISCCART	50.0	180.0	1.2
RE DISCCART	60.0	180.0	1.2
RE DISCCART	70.0	180.0	1.2
RE DISCCART	80.0	180.0	1.2
RE DISCCART	90.0	180.0	1.2

RE DISCCART	100.0	180.0	1.2
RE DISCCART	-100.0	190.0	1.2
RE DISCCART	-90.0	190.0	1.2
RE DISCCART	-80.0	190.0	1.2
RE DISCCART	-70.0	190.0	1.2
RE DISCCART	-60.0	190.0	1.2
RE DISCCART	-50.0	190.0	1.2
RE DISCCART	-40.0	190.0	1.2
RE DISCCART	-30.0	190.0	1.2
RE DISCCART	-25.0	190.0	1.2
RE DISCCART	-20.0	190.0	1.2
RE DISCCART	-17.0	190.0	1.2
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RE DISCCART	-9.0	190.0	1.2
RE DISCCART	9.0	190.0	1.2
RE DISCCART	11.0	190.0	1.2
RE DISCCART	13.0	190.0	1.2
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RE DISCCART	25.0	190.0	1.2
RE DISCCART	30.0	190.0	1.2
RE DISCCART	40.0	190.0	1.2
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RE DISCCART	60.0	190.0	1.2
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RE DISCCART	90.0	190.0	1.2
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RE DISCCART	-80.0	200.0	1.2
RE DISCCART	-70.0	200.0	1.2
RE DISCCART	-60.0	200.0	1.2
RE DISCCART	-50.0	200.0	1.2
RE DISCCART	-40.0	200.0	1.2
RE DISCCART	-30.0	200.0	1.2
RE DISCCART	-25.0	200.0	1.2
RE DISCCART	-20.0	200.0	1.2
RE DISCCART	-17.0	200.0	1.2
RE DISCCART	-15.0	200.0	1.2
RE DISCCART	-13.0	200.0	1.2

RE DISCCART	-11.0	200.0	1.2
RE DISCCART	-9.0	200.0	1.2
RE DISCCART	9.0	200.0	1.2
RE DISCCART	11.0	200.0	1.2
RE DISCCART	13.0	200.0	1.2
RE DISCCART	15.0	200.0	1.2
RE DISCCART	17.0	200.0	1.2
RE DISCCART	20.0	200.0	1.2
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RE DISCCART	30.0	200.0	1.2
RE DISCCART	40.0	200.0	1.2
RE DISCCART	50.0	200.0	1.2
RE DISCCART	60.0	200.0	1.2
RE DISCCART	70.0	200.0	1.2
RE DISCCART	80.0	200.0	1.2
RE DISCCART	90.0	200.0	1.2
RE DISCCART	100.0	200.0	1.2
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RE DISCCART	-90.0	210.0	1.2
RE DISCCART	-80.0	210.0	1.2
RE DISCCART	-70.0	210.0	1.2
RE DISCCART	-60.0	210.0	1.2
RE DISCCART	-50.0	210.0	1.2
RE DISCCART	-40.0	210.0	1.2
RE DISCCART	-30.0	210.0	1.2
RE DISCCART	-25.0	210.0	1.2
RE DISCCART	-20.0	210.0	1.2
RE DISCCART	-17.0	210.0	1.2
RE DISCCART	-15.0	210.0	1.2
RE DISCCART	-13.0	210.0	1.2
RE DISCCART	-11.0	210.0	1.2
RE DISCCART	-9.0	210.0	1.2
RE DISCCART	9.0	210.0	1.2
RE DISCCART	11.0	210.0	1.2
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RE DISCCART	17.0	210.0	1.2
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RE DISCCART	30.0	210.0	1.2
RE DISCCART	40.0	210.0	1.2
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RE DISCCART	60.0	210.0	1.2
RE DISCCART	70.0	210.0	1.2

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RE DISCCART	-40.0	220.0	1.2
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RE DISCCART	-25.0	220.0	1.2
RE DISCCART	-20.0	220.0	1.2
RE DISCCART	-17.0	220.0	1.2
RE DISCCART	-15.0	220.0	1.2
RE DISCCART	-13.0	220.0	1.2
RE DISCCART	-11.0	220.0	1.2
RE DISCCART	-9.0	220.0	1.2
RE DISCCART	9.0	220.0	1.2
RE DISCCART	11.0	220.0	1.2
RE DISCCART	13.0	220.0	1.2
RE DISCCART	15.0	220.0	1.2
RE DISCCART	17.0	220.0	1.2
RE DISCCART	20.0	220.0	1.2
RE DISCCART	25.0	220.0	1.2
RE DISCCART	30.0	220.0	1.2
RE DISCCART	40.0	220.0	1.2
RE DISCCART	50.0	220.0	1.2
RE DISCCART	60.0	220.0	1.2
RE DISCCART	70.0	220.0	1.2
RE DISCCART	80.0	220.0	1.2
RE DISCCART	90.0	220.0	1.2
RE DISCCART	100.0	220.0	1.2
RE DISCCART	-100.0	230.0	1.2
RE DISCCART	-90.0	230.0	1.2
RE DISCCART	-80.0	230.0	1.2
RE DISCCART	-70.0	230.0	1.2
RE DISCCART	-60.0	230.0	1.2
RE DISCCART	-50.0	230.0	1.2
RE DISCCART	-40.0	230.0	1.2
RE DISCCART	-30.0	230.0	1.2
RE DISCCART	-25.0	230.0	1.2
RE DISCCART	-20.0	230.0	1.2
RE DISCCART	-17.0	230.0	1.2

RE DISCCART	-15.0	230.0	1.2
RE DISCCART	-13.0	230.0	1.2
RE DISCCART	-11.0	230.0	1.2
RE DISCCART	-9.0	230.0	1.2
RE DISCCART	9.0	230.0	1.2
RE DISCCART	11.0	230.0	1.2
RE DISCCART	13.0	230.0	1.2
RE DISCCART	15.0	230.0	1.2
RE DISCCART	17.0	230.0	1.2
RE DISCCART	20.0	230.0	1.2
RE DISCCART	25.0	230.0	1.2
RE DISCCART	30.0	230.0	1.2
RE DISCCART	40.0	230.0	1.2
RE DISCCART	50.0	230.0	1.2
RE DISCCART	60.0	230.0	1.2
RE DISCCART	70.0	230.0	1.2
RE DISCCART	80.0	230.0	1.2
RE DISCCART	90.0	230.0	1.2
RE DISCCART	100.0	230.0	1.2
RE DISCCART	-100.0	240.0	1.2
RE DISCCART	-90.0	240.0	1.2
RE DISCCART	-80.0	240.0	1.2
RE DISCCART	-70.0	240.0	1.2
RE DISCCART	-60.0	240.0	1.2
RE DISCCART	-50.0	240.0	1.2
RE DISCCART	-40.0	240.0	1.2
RE DISCCART	-30.0	240.0	1.2
RE DISCCART	-25.0	240.0	1.2
RE DISCCART	-20.0	240.0	1.2
RE DISCCART	-17.0	240.0	1.2
RE DISCCART	-15.0	240.0	1.2
RE DISCCART	-13.0	240.0	1.2
RE DISCCART	-11.0	240.0	1.2
RE DISCCART	-9.0	240.0	1.2
RE DISCCART	9.0	240.0	1.2
RE DISCCART	11.0	240.0	1.2
RE DISCCART	13.0	240.0	1.2
RE DISCCART	15.0	240.0	1.2
RE DISCCART	17.0	240.0	1.2
RE DISCCART	20.0	240.0	1.2
RE DISCCART	25.0	240.0	1.2
RE DISCCART	30.0	240.0	1.2
RE DISCCART	40.0	240.0	1.2
RE DISCCART	50.0	240.0	1.2

RE DISCCART 60.0 240.0 1.2
RE DISCCART 70.0 240.0 1.2
RE DISCCART 80.0 240.0 1.2
RE DISCCART 90.0 240.0 1.2
RE DISCCART 100.0 240.0 1.2
RE DISCCART -100.0 250.0 1.2
RE DISCCART -90.0 250.0 1.2
RE DISCCART -80.0 250.0 1.2
RE DISCCART -70.0 250.0 1.2
RE DISCCART -60.0 250.0 1.2
RE DISCCART -50.0 250.0 1.2
RE DISCCART -40.0 250.0 1.2
RE DISCCART -30.0 250.0 1.2
RE DISCCART -25.0 250.0 1.2
RE DISCCART -20.0 250.0 1.2
RE DISCCART -17.0 250.0 1.2
RE DISCCART -15.0 250.0 1.2
RE DISCCART -13.0 250.0 1.2
RE DISCCART -11.0 250.0 1.2
RE DISCCART -9.0 250.0 1.2
RE DISCCART 9.0 250.0 1.2
RE DISCCART 11.0 250.0 1.2
RE DISCCART 13.0 250.0 1.2
RE DISCCART 15.0 250.0 1.2
RE DISCCART 17.0 250.0 1.2
RE DISCCART 20.0 250.0 1.2
RE DISCCART 25.0 250.0 1.2
RE DISCCART 30.0 250.0 1.2
RE DISCCART 40.0 250.0 1.2
RE DISCCART 50.0 250.0 1.2
RE DISCCART 60.0 250.0 1.2
RE DISCCART 70.0 250.0 1.2
RE DISCCART 80.0 250.0 1.2
RE DISCCART 90.0 250.0 1.2
RE DISCCART 100.0 250.0 1.2
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP95300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 1995

ME UAIRDATA 4901 1995

ME STARTEND 1995 01 01 1 1995 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\02NCRA-1.DAT

**Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\02NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

EMISSION RATE SOURCE SCALAR VARY BY ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	-4.5	135.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S2	0	0.21100E-07	-4.5	45.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S3	0	0.21100E-07	-4.5	-45.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S4	0	0.21100E-07	-4.5	-135.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S5	0	0.21100E-07	-4.5	-225.0	0.0	4.95	9.00	90.00	0.00	2.30

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

NCRA_S1 NCRA_S1 ,

NCRA_S2 NCRA_S2 ,

NCRA_S3 NCRA_S3 ,

NCRA_S4 NCRA_S4 ,

NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0, -250.0, 0.0, 1.2);	(-90.0, -250.0, 0.0, 1.2);
(-80.0, -250.0, 0.0, 1.2);	(-70.0, -250.0, 0.0, 1.2);
(-60.0, -250.0, 0.0, 1.2);	(-50.0, -250.0, 0.0, 1.2);

02NCRA_NAPA95-300_DPM_TRAV_ANN N-S Bound

(-40.0, -250.0, 0.0, 1.2);	(-30.0, -250.0, 0.0, 1.2);
(-25.0, -250.0, 0.0, 1.2);	(-20.0, -250.0, 0.0, 1.2);
(-17.0, -250.0, 0.0, 1.2);	(-15.0, -250.0, 0.0, 1.2);
(-13.0, -250.0, 0.0, 1.2);	(-11.0, -250.0, 0.0, 1.2);
(-9.0, -250.0, 0.0, 1.2);	(9.0, -250.0, 0.0, 1.2);
(11.0, -250.0, 0.0, 1.2);	(13.0, -250.0, 0.0, 1.2);
(15.0, -250.0, 0.0, 1.2);	(17.0, -250.0, 0.0, 1.2);
(20.0, -250.0, 0.0, 1.2);	(25.0, -250.0, 0.0, 1.2);
(30.0, -250.0, 0.0, 1.2);	(40.0, -250.0, 0.0, 1.2);
(50.0, -250.0, 0.0, 1.2);	(60.0, -250.0, 0.0, 1.2);
(70.0, -250.0, 0.0, 1.2);	(80.0, -250.0, 0.0, 1.2);
(90.0, -250.0, 0.0, 1.2);	(100.0, -250.0, 0.0, 1.2);
(-100.0, -240.0, 0.0, 1.2);	(-90.0, -240.0, 0.0, 1.2);
(-80.0, -240.0, 0.0, 1.2);	(-70.0, -240.0, 0.0, 1.2);
(-60.0, -240.0, 0.0, 1.2);	(-50.0, -240.0, 0.0, 1.2);
(-40.0, -240.0, 0.0, 1.2);	(-30.0, -240.0, 0.0, 1.2);
(-25.0, -240.0, 0.0, 1.2);	(-20.0, -240.0, 0.0, 1.2);
(-17.0, -240.0, 0.0, 1.2);	(-15.0, -240.0, 0.0, 1.2);
(-13.0, -240.0, 0.0, 1.2);	(-11.0, -240.0, 0.0, 1.2);
(-9.0, -240.0, 0.0, 1.2);	(9.0, -240.0, 0.0, 1.2);
(11.0, -240.0, 0.0, 1.2);	(13.0, -240.0, 0.0, 1.2);
(15.0, -240.0, 0.0, 1.2);	(17.0, -240.0, 0.0, 1.2);
(20.0, -240.0, 0.0, 1.2);	(25.0, -240.0, 0.0, 1.2);
(30.0, -240.0, 0.0, 1.2);	(40.0, -240.0, 0.0, 1.2);
(50.0, -240.0, 0.0, 1.2);	(60.0, -240.0, 0.0, 1.2);
(70.0, -240.0, 0.0, 1.2);	(80.0, -240.0, 0.0, 1.2);
(90.0, -240.0, 0.0, 1.2);	(100.0, -240.0, 0.0, 1.2);
(-100.0, -230.0, 0.0, 1.2);	(-90.0, -230.0, 0.0, 1.2);
(-80.0, -230.0, 0.0, 1.2);	(-70.0, -230.0, 0.0, 1.2);
(-60.0, -230.0, 0.0, 1.2);	(-50.0, -230.0, 0.0, 1.2);
(-40.0, -230.0, 0.0, 1.2);	(-30.0, -230.0, 0.0, 1.2);
(-25.0, -230.0, 0.0, 1.2);	(-20.0, -230.0, 0.0, 1.2);
(-17.0, -230.0, 0.0, 1.2);	(-15.0, -230.0, 0.0, 1.2);
(-13.0, -230.0, 0.0, 1.2);	(-11.0, -230.0, 0.0, 1.2);
(-9.0, -230.0, 0.0, 1.2);	(9.0, -230.0, 0.0, 1.2);
(11.0, -230.0, 0.0, 1.2);	(13.0, -230.0, 0.0, 1.2);
(15.0, -230.0, 0.0, 1.2);	(17.0, -230.0, 0.0, 1.2);
(20.0, -230.0, 0.0, 1.2);	(25.0, -230.0, 0.0, 1.2);
(30.0, -230.0, 0.0, 1.2);	(40.0, -230.0, 0.0, 1.2);
(50.0, -230.0, 0.0, 1.2);	(60.0, -230.0, 0.0, 1.2);
(70.0, -230.0, 0.0, 1.2);	(80.0, -230.0, 0.0, 1.2);
(90.0, -230.0, 0.0, 1.2);	(100.0, -230.0, 0.0, 1.2);

**MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -220.0, 0.0, 1.2);	(-90.0, -220.0, 0.0, 1.2);
(-80.0, -220.0, 0.0, 1.2);	(-70.0, -220.0, 0.0, 1.2);
(-60.0, -220.0, 0.0, 1.2);	(-50.0, -220.0, 0.0, 1.2);
(-40.0, -220.0, 0.0, 1.2);	(-30.0, -220.0, 0.0, 1.2);
(-25.0, -220.0, 0.0, 1.2);	(-20.0, -220.0, 0.0, 1.2);
(-17.0, -220.0, 0.0, 1.2);	(-15.0, -220.0, 0.0, 1.2);
(-13.0, -220.0, 0.0, 1.2);	(-11.0, -220.0, 0.0, 1.2);
(-9.0, -220.0, 0.0, 1.2);	(9.0, -220.0, 0.0, 1.2);
(11.0, -220.0, 0.0, 1.2);	(13.0, -220.0, 0.0, 1.2);
(15.0, -220.0, 0.0, 1.2);	(17.0, -220.0, 0.0, 1.2);
(20.0, -220.0, 0.0, 1.2);	(25.0, -220.0, 0.0, 1.2);
(30.0, -220.0, 0.0, 1.2);	(40.0, -220.0, 0.0, 1.2);
(50.0, -220.0, 0.0, 1.2);	(60.0, -220.0, 0.0, 1.2);
(70.0, -220.0, 0.0, 1.2);	(80.0, -220.0, 0.0, 1.2);
(90.0, -220.0, 0.0, 1.2);	(100.0, -220.0, 0.0, 1.2);
(-100.0, -210.0, 0.0, 1.2);	(-90.0, -210.0, 0.0, 1.2);
(-80.0, -210.0, 0.0, 1.2);	(-70.0, -210.0, 0.0, 1.2);
(-60.0, -210.0, 0.0, 1.2);	(-50.0, -210.0, 0.0, 1.2);
(-40.0, -210.0, 0.0, 1.2);	(-30.0, -210.0, 0.0, 1.2);
(-25.0, -210.0, 0.0, 1.2);	(-20.0, -210.0, 0.0, 1.2);
(-17.0, -210.0, 0.0, 1.2);	(-15.0, -210.0, 0.0, 1.2);
(-13.0, -210.0, 0.0, 1.2);	(-11.0, -210.0, 0.0, 1.2);
(-9.0, -210.0, 0.0, 1.2);	(9.0, -210.0, 0.0, 1.2);
(11.0, -210.0, 0.0, 1.2);	(13.0, -210.0, 0.0, 1.2);
(15.0, -210.0, 0.0, 1.2);	(17.0, -210.0, 0.0, 1.2);
(20.0, -210.0, 0.0, 1.2);	(25.0, -210.0, 0.0, 1.2);
(30.0, -210.0, 0.0, 1.2);	(40.0, -210.0, 0.0, 1.2);
(50.0, -210.0, 0.0, 1.2);	(60.0, -210.0, 0.0, 1.2);
(70.0, -210.0, 0.0, 1.2);	(80.0, -210.0, 0.0, 1.2);
(90.0, -210.0, 0.0, 1.2);	(100.0, -210.0, 0.0, 1.2);
(-100.0, -200.0, 0.0, 1.2);	(-90.0, -200.0, 0.0, 1.2);
(-80.0, -200.0, 0.0, 1.2);	(-70.0, -200.0, 0.0, 1.2);
(-60.0, -200.0, 0.0, 1.2);	(-50.0, -200.0, 0.0, 1.2);
(-40.0, -200.0, 0.0, 1.2);	(-30.0, -200.0, 0.0, 1.2);
(-25.0, -200.0, 0.0, 1.2);	(-20.0, -200.0, 0.0, 1.2);
(-17.0, -200.0, 0.0, 1.2);	(-15.0, -200.0, 0.0, 1.2);
(-13.0, -200.0, 0.0, 1.2);	(-11.0, -200.0, 0.0, 1.2);
(-9.0, -200.0, 0.0, 1.2);	(9.0, -200.0, 0.0, 1.2);
(11.0, -200.0, 0.0, 1.2);	(13.0, -200.0, 0.0, 1.2);

02NCRA_NAPA95-300_DPM_TRAV_ANN N-S Bound

(15.0,	-200.0,	0.0,	1.2);	(17.0,	-200.0,	0.0,	1.2);
(20.0,	-200.0,	0.0,	1.2);	(25.0,	-200.0,	0.0,	1.2);
(30.0,	-200.0,	0.0,	1.2);	(40.0,	-200.0,	0.0,	1.2);
(50.0,	-200.0,	0.0,	1.2);	(60.0,	-200.0,	0.0,	1.2);
(70.0,	-200.0,	0.0,	1.2);	(80.0,	-200.0,	0.0,	1.2);
(90.0,	-200.0,	0.0,	1.2);	(100.0,	-200.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	-190.0,	0.0,	1.2);	(-90.0,	-190.0,	0.0,	1.2);
(-80.0,	-190.0,	0.0,	1.2);	(-70.0,	-190.0,	0.0,	1.2);
(-60.0,	-190.0,	0.0,	1.2);	(-50.0,	-190.0,	0.0,	1.2);
(-40.0,	-190.0,	0.0,	1.2);	(-30.0,	-190.0,	0.0,	1.2);
(-25.0,	-190.0,	0.0,	1.2);	(-20.0,	-190.0,	0.0,	1.2);
(-17.0,	-190.0,	0.0,	1.2);	(-15.0,	-190.0,	0.0,	1.2);
(-13.0,	-190.0,	0.0,	1.2);	(-11.0,	-190.0,	0.0,	1.2);
(-9.0,	-190.0,	0.0,	1.2);	(9.0,	-190.0,	0.0,	1.2);
(11.0,	-190.0,	0.0,	1.2);	(13.0,	-190.0,	0.0,	1.2);
(15.0,	-190.0,	0.0,	1.2);	(17.0,	-190.0,	0.0,	1.2);
(20.0,	-190.0,	0.0,	1.2);	(25.0,	-190.0,	0.0,	1.2);
(30.0,	-190.0,	0.0,	1.2);	(40.0,	-190.0,	0.0,	1.2);
(50.0,	-190.0,	0.0,	1.2);	(60.0,	-190.0,	0.0,	1.2);
(70.0,	-190.0,	0.0,	1.2);	(80.0,	-190.0,	0.0,	1.2);
(90.0,	-190.0,	0.0,	1.2);	(100.0,	-190.0,	0.0,	1.2);
(-100.0,	-180.0,	0.0,	1.2);	(-90.0,	-180.0,	0.0,	1.2);
(-80.0,	-180.0,	0.0,	1.2);	(-70.0,	-180.0,	0.0,	1.2);
(-60.0,	-180.0,	0.0,	1.2);	(-50.0,	-180.0,	0.0,	1.2);
(-40.0,	-180.0,	0.0,	1.2);	(-30.0,	-180.0,	0.0,	1.2);
(-25.0,	-180.0,	0.0,	1.2);	(-20.0,	-180.0,	0.0,	1.2);
(-17.0,	-180.0,	0.0,	1.2);	(-15.0,	-180.0,	0.0,	1.2);
(-13.0,	-180.0,	0.0,	1.2);	(-11.0,	-180.0,	0.0,	1.2);
(-9.0,	-180.0,	0.0,	1.2);	(9.0,	-180.0,	0.0,	1.2);
(11.0,	-180.0,	0.0,	1.2);	(13.0,	-180.0,	0.0,	1.2);
(15.0,	-180.0,	0.0,	1.2);	(17.0,	-180.0,	0.0,	1.2);
(20.0,	-180.0,	0.0,	1.2);	(25.0,	-180.0,	0.0,	1.2);
(30.0,	-180.0,	0.0,	1.2);	(40.0,	-180.0,	0.0,	1.2);
(50.0,	-180.0,	0.0,	1.2);	(60.0,	-180.0,	0.0,	1.2);
(70.0,	-180.0,	0.0,	1.2);	(80.0,	-180.0,	0.0,	1.2);
(90.0,	-180.0,	0.0,	1.2);	(100.0,	-180.0,	0.0,	1.2);
(-100.0,	-170.0,	0.0,	1.2);	(-90.0,	-170.0,	0.0,	1.2);

02NCRA_NAPA95-300_DPM_TRAV_ANN N-S Bound

(-80.0, -170.0, 0.0, 1.2);	(-70.0, -170.0, 0.0, 1.2);
(-60.0, -170.0, 0.0, 1.2);	(-50.0, -170.0, 0.0, 1.2);
(-40.0, -170.0, 0.0, 1.2);	(-30.0, -170.0, 0.0, 1.2);
(-25.0, -170.0, 0.0, 1.2);	(-20.0, -170.0, 0.0, 1.2);
(-17.0, -170.0, 0.0, 1.2);	(-15.0, -170.0, 0.0, 1.2);
(-13.0, -170.0, 0.0, 1.2);	(-11.0, -170.0, 0.0, 1.2);
(-9.0, -170.0, 0.0, 1.2);	(9.0, -170.0, 0.0, 1.2);
(11.0, -170.0, 0.0, 1.2);	(13.0, -170.0, 0.0, 1.2);
(15.0, -170.0, 0.0, 1.2);	(17.0, -170.0, 0.0, 1.2);
(20.0, -170.0, 0.0, 1.2);	(25.0, -170.0, 0.0, 1.2);
(30.0, -170.0, 0.0, 1.2);	(40.0, -170.0, 0.0, 1.2);
(50.0, -170.0, 0.0, 1.2);	(60.0, -170.0, 0.0, 1.2);
(70.0, -170.0, 0.0, 1.2);	(80.0, -170.0, 0.0, 1.2);
(90.0, -170.0, 0.0, 1.2);	(100.0, -170.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0, -160.0, 0.0, 1.2);	(-90.0, -160.0, 0.0, 1.2);
(-80.0, -160.0, 0.0, 1.2);	(-70.0, -160.0, 0.0, 1.2);
(-60.0, -160.0, 0.0, 1.2);	(-50.0, -160.0, 0.0, 1.2);
(-40.0, -160.0, 0.0, 1.2);	(-30.0, -160.0, 0.0, 1.2);
(-25.0, -160.0, 0.0, 1.2);	(-20.0, -160.0, 0.0, 1.2);
(-17.0, -160.0, 0.0, 1.2);	(-15.0, -160.0, 0.0, 1.2);
(-13.0, -160.0, 0.0, 1.2);	(-11.0, -160.0, 0.0, 1.2);
(-9.0, -160.0, 0.0, 1.2);	(9.0, -160.0, 0.0, 1.2);
(11.0, -160.0, 0.0, 1.2);	(13.0, -160.0, 0.0, 1.2);
(15.0, -160.0, 0.0, 1.2);	(17.0, -160.0, 0.0, 1.2);
(20.0, -160.0, 0.0, 1.2);	(25.0, -160.0, 0.0, 1.2);
(30.0, -160.0, 0.0, 1.2);	(40.0, -160.0, 0.0, 1.2);
(50.0, -160.0, 0.0, 1.2);	(60.0, -160.0, 0.0, 1.2);
(70.0, -160.0, 0.0, 1.2);	(80.0, -160.0, 0.0, 1.2);
(90.0, -160.0, 0.0, 1.2);	(100.0, -160.0, 0.0, 1.2);
(-100.0, -150.0, 0.0, 1.2);	(-90.0, -150.0, 0.0, 1.2);
(-80.0, -150.0, 0.0, 1.2);	(-70.0, -150.0, 0.0, 1.2);
(-60.0, -150.0, 0.0, 1.2);	(-50.0, -150.0, 0.0, 1.2);
(-40.0, -150.0, 0.0, 1.2);	(-30.0, -150.0, 0.0, 1.2);
(-25.0, -150.0, 0.0, 1.2);	(-20.0, -150.0, 0.0, 1.2);
(-17.0, -150.0, 0.0, 1.2);	(-15.0, -150.0, 0.0, 1.2);
(-13.0, -150.0, 0.0, 1.2);	(-11.0, -150.0, 0.0, 1.2);
(-9.0, -150.0, 0.0, 1.2);	(9.0, -150.0, 0.0, 1.2);

02NCRA_NAPA95-300_DPM_TRAV_ANN N-S Bound

(11.0, -150.0, 0.0, 1.2);	(13.0, -150.0, 0.0, 1.2);
(15.0, -150.0, 0.0, 1.2);	(17.0, -150.0, 0.0, 1.2);
(20.0, -150.0, 0.0, 1.2);	(25.0, -150.0, 0.0, 1.2);
(30.0, -150.0, 0.0, 1.2);	(40.0, -150.0, 0.0, 1.2);
(50.0, -150.0, 0.0, 1.2);	(60.0, -150.0, 0.0, 1.2);
(70.0, -150.0, 0.0, 1.2);	(80.0, -150.0, 0.0, 1.2);
(90.0, -150.0, 0.0, 1.2);	(100.0, -150.0, 0.0, 1.2);
(-100.0, -140.0, 0.0, 1.2);	(-90.0, -140.0, 0.0, 1.2);
(-80.0, -140.0, 0.0, 1.2);	(-70.0, -140.0, 0.0, 1.2);
(-60.0, -140.0, 0.0, 1.2);	(-50.0, -140.0, 0.0, 1.2);
(-40.0, -140.0, 0.0, 1.2);	(-30.0, -140.0, 0.0, 1.2);
(-25.0, -140.0, 0.0, 1.2);	(-20.0, -140.0, 0.0, 1.2);
(-17.0, -140.0, 0.0, 1.2);	(-15.0, -140.0, 0.0, 1.2);
(-13.0, -140.0, 0.0, 1.2);	(-11.0, -140.0, 0.0, 1.2);
(-9.0, -140.0, 0.0, 1.2);	(9.0, -140.0, 0.0, 1.2);
(11.0, -140.0, 0.0, 1.2);	(13.0, -140.0, 0.0, 1.2);
(15.0, -140.0, 0.0, 1.2);	(17.0, -140.0, 0.0, 1.2);
(20.0, -140.0, 0.0, 1.2);	(25.0, -140.0, 0.0, 1.2);
(30.0, -140.0, 0.0, 1.2);	(40.0, -140.0, 0.0, 1.2);
(50.0, -140.0, 0.0, 1.2);	(60.0, -140.0, 0.0, 1.2);
(70.0, -140.0, 0.0, 1.2);	(80.0, -140.0, 0.0, 1.2);
(90.0, -140.0, 0.0, 1.2);	(100.0, -140.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -130.0, 0.0, 1.2);	(-90.0, -130.0, 0.0, 1.2);
(-80.0, -130.0, 0.0, 1.2);	(-70.0, -130.0, 0.0, 1.2);
(-60.0, -130.0, 0.0, 1.2);	(-50.0, -130.0, 0.0, 1.2);
(-40.0, -130.0, 0.0, 1.2);	(-30.0, -130.0, 0.0, 1.2);
(-25.0, -130.0, 0.0, 1.2);	(-20.0, -130.0, 0.0, 1.2);
(-17.0, -130.0, 0.0, 1.2);	(-15.0, -130.0, 0.0, 1.2);
(-13.0, -130.0, 0.0, 1.2);	(-11.0, -130.0, 0.0, 1.2);
(-9.0, -130.0, 0.0, 1.2);	(9.0, -130.0, 0.0, 1.2);
(11.0, -130.0, 0.0, 1.2);	(13.0, -130.0, 0.0, 1.2);
(15.0, -130.0, 0.0, 1.2);	(17.0, -130.0, 0.0, 1.2);
(20.0, -130.0, 0.0, 1.2);	(25.0, -130.0, 0.0, 1.2);
(30.0, -130.0, 0.0, 1.2);	(40.0, -130.0, 0.0, 1.2);
(50.0, -130.0, 0.0, 1.2);	(60.0, -130.0, 0.0, 1.2);
(70.0, -130.0, 0.0, 1.2);	(80.0, -130.0, 0.0, 1.2);
(90.0, -130.0, 0.0, 1.2);	(100.0, -130.0, 0.0, 1.2);

02NCRA_NAPA95-300_DPM_TRAV_ANN N-S Bound

(-100.0, -120.0, 0.0, 1.2);	(-90.0, -120.0, 0.0, 1.2);
(-80.0, -120.0, 0.0, 1.2);	(-70.0, -120.0, 0.0, 1.2);
(-60.0, -120.0, 0.0, 1.2);	(-50.0, -120.0, 0.0, 1.2);
(-40.0, -120.0, 0.0, 1.2);	(-30.0, -120.0, 0.0, 1.2);
(-25.0, -120.0, 0.0, 1.2);	(-20.0, -120.0, 0.0, 1.2);
(-17.0, -120.0, 0.0, 1.2);	(-15.0, -120.0, 0.0, 1.2);
(-13.0, -120.0, 0.0, 1.2);	(-11.0, -120.0, 0.0, 1.2);
(-9.0, -120.0, 0.0, 1.2);	(9.0, -120.0, 0.0, 1.2);
(11.0, -120.0, 0.0, 1.2);	(13.0, -120.0, 0.0, 1.2);
(15.0, -120.0, 0.0, 1.2);	(17.0, -120.0, 0.0, 1.2);
(20.0, -120.0, 0.0, 1.2);	(25.0, -120.0, 0.0, 1.2);
(30.0, -120.0, 0.0, 1.2);	(40.0, -120.0, 0.0, 1.2);
(50.0, -120.0, 0.0, 1.2);	(60.0, -120.0, 0.0, 1.2);
(70.0, -120.0, 0.0, 1.2);	(80.0, -120.0, 0.0, 1.2);
(90.0, -120.0, 0.0, 1.2);	(100.0, -120.0, 0.0, 1.2);
(-100.0, -110.0, 0.0, 1.2);	(-90.0, -110.0, 0.0, 1.2);
(-80.0, -110.0, 0.0, 1.2);	(-70.0, -110.0, 0.0, 1.2);
(-60.0, -110.0, 0.0, 1.2);	(-50.0, -110.0, 0.0, 1.2);
(-40.0, -110.0, 0.0, 1.2);	(-30.0, -110.0, 0.0, 1.2);
(-25.0, -110.0, 0.0, 1.2);	(-20.0, -110.0, 0.0, 1.2);
(-17.0, -110.0, 0.0, 1.2);	(-15.0, -110.0, 0.0, 1.2);
(-13.0, -110.0, 0.0, 1.2);	(-11.0, -110.0, 0.0, 1.2);
(-9.0, -110.0, 0.0, 1.2);	(9.0, -110.0, 0.0, 1.2);
(11.0, -110.0, 0.0, 1.2);	(13.0, -110.0, 0.0, 1.2);
(15.0, -110.0, 0.0, 1.2);	(17.0, -110.0, 0.0, 1.2);
(20.0, -110.0, 0.0, 1.2);	(25.0, -110.0, 0.0, 1.2);
(30.0, -110.0, 0.0, 1.2);	(40.0, -110.0, 0.0, 1.2);
(50.0, -110.0, 0.0, 1.2);	(60.0, -110.0, 0.0, 1.2);
(70.0, -110.0, 0.0, 1.2);	(80.0, -110.0, 0.0, 1.2);
(90.0, -110.0, 0.0, 1.2);	(100.0, -110.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0, -100.0, 0.0, 1.2);	(-90.0, -100.0, 0.0, 1.2);
(-80.0, -100.0, 0.0, 1.2);	(-70.0, -100.0, 0.0, 1.2);
(-60.0, -100.0, 0.0, 1.2);	(-50.0, -100.0, 0.0, 1.2);
(-40.0, -100.0, 0.0, 1.2);	(-30.0, -100.0, 0.0, 1.2);
(-25.0, -100.0, 0.0, 1.2);	(-20.0, -100.0, 0.0, 1.2);
(-17.0, -100.0, 0.0, 1.2);	(-15.0, -100.0, 0.0, 1.2);
(-13.0, -100.0, 0.0, 1.2);	(-11.0, -100.0, 0.0, 1.2);

02NCRA_NAPA95-300_DPM_TRAV_ANN N-S Bound

(-9.0, -100.0, 0.0, 1.2);	(-9.0, -100.0, 0.0, 1.2);
(11.0, -100.0, 0.0, 1.2);	(13.0, -100.0, 0.0, 1.2);
(15.0, -100.0, 0.0, 1.2);	(17.0, -100.0, 0.0, 1.2);
(20.0, -100.0, 0.0, 1.2);	(25.0, -100.0, 0.0, 1.2);
(30.0, -100.0, 0.0, 1.2);	(40.0, -100.0, 0.0, 1.2);
(50.0, -100.0, 0.0, 1.2);	(60.0, -100.0, 0.0, 1.2);
(70.0, -100.0, 0.0, 1.2);	(80.0, -100.0, 0.0, 1.2);
(90.0, -100.0, 0.0, 1.2);	(100.0, -100.0, 0.0, 1.2);
(-100.0, -90.0, 0.0, 1.2);	(-90.0, -90.0, 0.0, 1.2);
(-80.0, -90.0, 0.0, 1.2);	(-70.0, -90.0, 0.0, 1.2);
(-60.0, -90.0, 0.0, 1.2);	(-50.0, -90.0, 0.0, 1.2);
(-40.0, -90.0, 0.0, 1.2);	(-30.0, -90.0, 0.0, 1.2);
(-25.0, -90.0, 0.0, 1.2);	(-20.0, -90.0, 0.0, 1.2);
(-17.0, -90.0, 0.0, 1.2);	(-15.0, -90.0, 0.0, 1.2);
(-13.0, -90.0, 0.0, 1.2);	(-11.0, -90.0, 0.0, 1.2);
(-9.0, -90.0, 0.0, 1.2);	(9.0, -90.0, 0.0, 1.2);
(11.0, -90.0, 0.0, 1.2);	(13.0, -90.0, 0.0, 1.2);
(15.0, -90.0, 0.0, 1.2);	(17.0, -90.0, 0.0, 1.2);
(20.0, -90.0, 0.0, 1.2);	(25.0, -90.0, 0.0, 1.2);
(30.0, -90.0, 0.0, 1.2);	(40.0, -90.0, 0.0, 1.2);
(50.0, -90.0, 0.0, 1.2);	(60.0, -90.0, 0.0, 1.2);
(70.0, -90.0, 0.0, 1.2);	(80.0, -90.0, 0.0, 1.2);
(90.0, -90.0, 0.0, 1.2);	(100.0, -90.0, 0.0, 1.2);
(-100.0, -80.0, 0.0, 1.2);	(-90.0, -80.0, 0.0, 1.2);
(-80.0, -80.0, 0.0, 1.2);	(-70.0, -80.0, 0.0, 1.2);
(-60.0, -80.0, 0.0, 1.2);	(-50.0, -80.0, 0.0, 1.2);
(-40.0, -80.0, 0.0, 1.2);	(-30.0, -80.0, 0.0, 1.2);
(-25.0, -80.0, 0.0, 1.2);	(-20.0, -80.0, 0.0, 1.2);
(-17.0, -80.0, 0.0, 1.2);	(-15.0, -80.0, 0.0, 1.2);
(-13.0, -80.0, 0.0, 1.2);	(-11.0, -80.0, 0.0, 1.2);
(-9.0, -80.0, 0.0, 1.2);	(9.0, -80.0, 0.0, 1.2);
(11.0, -80.0, 0.0, 1.2);	(13.0, -80.0, 0.0, 1.2);
(15.0, -80.0, 0.0, 1.2);	(17.0, -80.0, 0.0, 1.2);
(20.0, -80.0, 0.0, 1.2);	(25.0, -80.0, 0.0, 1.2);
(30.0, -80.0, 0.0, 1.2);	(40.0, -80.0, 0.0, 1.2);
(50.0, -80.0, 0.0, 1.2);	(60.0, -80.0, 0.0, 1.2);
(70.0, -80.0, 0.0, 1.2);	(80.0, -80.0, 0.0, 1.2);
(90.0, -80.0, 0.0, 1.2);	(100.0, -80.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound
(METERS)

(-100.0, -70.0, 0.0, 1.2);	(-90.0, -70.0, 0.0, 1.2);
(-80.0, -70.0, 0.0, 1.2);	(-70.0, -70.0, 0.0, 1.2);
(-60.0, -70.0, 0.0, 1.2);	(-50.0, -70.0, 0.0, 1.2);
(-40.0, -70.0, 0.0, 1.2);	(-30.0, -70.0, 0.0, 1.2);
(-25.0, -70.0, 0.0, 1.2);	(-20.0, -70.0, 0.0, 1.2);
(-17.0, -70.0, 0.0, 1.2);	(-15.0, -70.0, 0.0, 1.2);
(-13.0, -70.0, 0.0, 1.2);	(-11.0, -70.0, 0.0, 1.2);
(-9.0, -70.0, 0.0, 1.2);	(9.0, -70.0, 0.0, 1.2);
(11.0, -70.0, 0.0, 1.2);	(13.0, -70.0, 0.0, 1.2);
(15.0, -70.0, 0.0, 1.2);	(17.0, -70.0, 0.0, 1.2);
(20.0, -70.0, 0.0, 1.2);	(25.0, -70.0, 0.0, 1.2);
(30.0, -70.0, 0.0, 1.2);	(40.0, -70.0, 0.0, 1.2);
(50.0, -70.0, 0.0, 1.2);	(60.0, -70.0, 0.0, 1.2);
(70.0, -70.0, 0.0, 1.2);	(80.0, -70.0, 0.0, 1.2);
(90.0, -70.0, 0.0, 1.2);	(100.0, -70.0, 0.0, 1.2);
(-100.0, -60.0, 0.0, 1.2);	(-90.0, -60.0, 0.0, 1.2);
(-80.0, -60.0, 0.0, 1.2);	(-70.0, -60.0, 0.0, 1.2);
(-60.0, -60.0, 0.0, 1.2);	(-50.0, -60.0, 0.0, 1.2);
(-40.0, -60.0, 0.0, 1.2);	(-30.0, -60.0, 0.0, 1.2);
(-25.0, -60.0, 0.0, 1.2);	(-20.0, -60.0, 0.0, 1.2);
(-17.0, -60.0, 0.0, 1.2);	(-15.0, -60.0, 0.0, 1.2);
(-13.0, -60.0, 0.0, 1.2);	(-11.0, -60.0, 0.0, 1.2);
(-9.0, -60.0, 0.0, 1.2);	(9.0, -60.0, 0.0, 1.2);
(11.0, -60.0, 0.0, 1.2);	(13.0, -60.0, 0.0, 1.2);
(15.0, -60.0, 0.0, 1.2);	(17.0, -60.0, 0.0, 1.2);
(20.0, -60.0, 0.0, 1.2);	(25.0, -60.0, 0.0, 1.2);
(30.0, -60.0, 0.0, 1.2);	(40.0, -60.0, 0.0, 1.2);
(50.0, -60.0, 0.0, 1.2);	(60.0, -60.0, 0.0, 1.2);
(70.0, -60.0, 0.0, 1.2);	(80.0, -60.0, 0.0, 1.2);
(90.0, -60.0, 0.0, 1.2);	(100.0, -60.0, 0.0, 1.2);
(-100.0, -50.0, 0.0, 1.2);	(-90.0, -50.0, 0.0, 1.2);
(-80.0, -50.0, 0.0, 1.2);	(-70.0, -50.0, 0.0, 1.2);
(-60.0, -50.0, 0.0, 1.2);	(-50.0, -50.0, 0.0, 1.2);
(-40.0, -50.0, 0.0, 1.2);	(-30.0, -50.0, 0.0, 1.2);
(-25.0, -50.0, 0.0, 1.2);	(-20.0, -50.0, 0.0, 1.2);
(-17.0, -50.0, 0.0, 1.2);	(-15.0, -50.0, 0.0, 1.2);
(-13.0, -50.0, 0.0, 1.2);	(-11.0, -50.0, 0.0, 1.2);
(-9.0, -50.0, 0.0, 1.2);	(9.0, -50.0, 0.0, 1.2);
(11.0, -50.0, 0.0, 1.2);	(13.0, -50.0, 0.0, 1.2);
(15.0, -50.0, 0.0, 1.2);	(17.0, -50.0, 0.0, 1.2);
(20.0, -50.0, 0.0, 1.2);	(25.0, -50.0, 0.0, 1.2);
(30.0, -50.0, 0.0, 1.2);	(40.0, -50.0, 0.0, 1.2);
(50.0, -50.0, 0.0, 1.2);	(60.0, -50.0, 0.0, 1.2);

02NCRA_NAPA95-300_DPM_TRAV_ANN N-S Bound

(70.0, -50.0, 0.0, 1.2); (80.0, -50.0, 0.0, 1.2);
(90.0, -50.0, 0.0, 1.2); (100.0, -50.0, 0.0, 1.2);

1 *** ICSST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:28:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -40.0, 0.0, 1.2); (-90.0, -40.0, 0.0, 1.2);
(-80.0, -40.0, 0.0, 1.2); (-70.0, -40.0, 0.0, 1.2);
(-60.0, -40.0, 0.0, 1.2); (-50.0, -40.0, 0.0, 1.2);
(-40.0, -40.0, 0.0, 1.2); (-30.0, -40.0, 0.0, 1.2);
(-25.0, -40.0, 0.0, 1.2); (-20.0, -40.0, 0.0, 1.2);
(-17.0, -40.0, 0.0, 1.2); (-15.0, -40.0, 0.0, 1.2);
(-13.0, -40.0, 0.0, 1.2); (-11.0, -40.0, 0.0, 1.2);
(-9.0, -40.0, 0.0, 1.2); (9.0, -40.0, 0.0, 1.2);
(11.0, -40.0, 0.0, 1.2); (13.0, -40.0, 0.0, 1.2);
(15.0, -40.0, 0.0, 1.2); (17.0, -40.0, 0.0, 1.2);
(20.0, -40.0, 0.0, 1.2); (25.0, -40.0, 0.0, 1.2);
(30.0, -40.0, 0.0, 1.2); (40.0, -40.0, 0.0, 1.2);
(50.0, -40.0, 0.0, 1.2); (60.0, -40.0, 0.0, 1.2);
(70.0, -40.0, 0.0, 1.2); (80.0, -40.0, 0.0, 1.2);
(90.0, -40.0, 0.0, 1.2); (100.0, -40.0, 0.0, 1.2);
(-100.0, -30.0, 0.0, 1.2); (-90.0, -30.0, 0.0, 1.2);
(-80.0, -30.0, 0.0, 1.2); (-70.0, -30.0, 0.0, 1.2);
(-60.0, -30.0, 0.0, 1.2); (-50.0, -30.0, 0.0, 1.2);
(-40.0, -30.0, 0.0, 1.2); (-30.0, -30.0, 0.0, 1.2);
(-25.0, -30.0, 0.0, 1.2); (-20.0, -30.0, 0.0, 1.2);
(-17.0, -30.0, 0.0, 1.2); (-15.0, -30.0, 0.0, 1.2);
(-13.0, -30.0, 0.0, 1.2); (-11.0, -30.0, 0.0, 1.2);
(-9.0, -30.0, 0.0, 1.2); (9.0, -30.0, 0.0, 1.2);
(11.0, -30.0, 0.0, 1.2); (13.0, -30.0, 0.0, 1.2);
(15.0, -30.0, 0.0, 1.2); (17.0, -30.0, 0.0, 1.2);
(20.0, -30.0, 0.0, 1.2); (25.0, -30.0, 0.0, 1.2);
(30.0, -30.0, 0.0, 1.2); (40.0, -30.0, 0.0, 1.2);
(50.0, -30.0, 0.0, 1.2); (60.0, -30.0, 0.0, 1.2);
(70.0, -30.0, 0.0, 1.2); (80.0, -30.0, 0.0, 1.2);
(90.0, -30.0, 0.0, 1.2); (100.0, -30.0, 0.0, 1.2);
(-100.0, -20.0, 0.0, 1.2); (-90.0, -20.0, 0.0, 1.2);
(-80.0, -20.0, 0.0, 1.2); (-70.0, -20.0, 0.0, 1.2);
(-60.0, -20.0, 0.0, 1.2); (-50.0, -20.0, 0.0, 1.2);
(-40.0, -20.0, 0.0, 1.2); (-30.0, -20.0, 0.0, 1.2);
(-25.0, -20.0, 0.0, 1.2); (-20.0, -20.0, 0.0, 1.2);

02NCRA_NAPA95-300_DPM_TRAV_ANN N-S Bound

(50.0,	0.0,	0.0,	1.2);	(60.0,	0.0,	0.0,	1.2);
(70.0,	0.0,	0.0,	1.2);	(80.0,	0.0,	0.0,	1.2);
(90.0,	0.0,	0.0,	1.2);	(100.0,	0.0,	0.0,	1.2);
(-100.0,	10.0,	0.0,	1.2);	(-90.0,	10.0,	0.0,	1.2);
(-80.0,	10.0,	0.0,	1.2);	(-70.0,	10.0,	0.0,	1.2);
(-60.0,	10.0,	0.0,	1.2);	(-50.0,	10.0,	0.0,	1.2);
(-40.0,	10.0,	0.0,	1.2);	(-30.0,	10.0,	0.0,	1.2);
(-25.0,	10.0,	0.0,	1.2);	(-20.0,	10.0,	0.0,	1.2);
(-17.0,	10.0,	0.0,	1.2);	(-15.0,	10.0,	0.0,	1.2);
(-13.0,	10.0,	0.0,	1.2);	(-11.0,	10.0,	0.0,	1.2);
(-9.0,	10.0,	0.0,	1.2);	(9.0,	10.0,	0.0,	1.2);
(11.0,	10.0,	0.0,	1.2);	(13.0,	10.0,	0.0,	1.2);
(15.0,	10.0,	0.0,	1.2);	(17.0,	10.0,	0.0,	1.2);
(20.0,	10.0,	0.0,	1.2);	(25.0,	10.0,	0.0,	1.2);
(30.0,	10.0,	0.0,	1.2);	(40.0,	10.0,	0.0,	1.2);
(50.0,	10.0,	0.0,	1.2);	(60.0,	10.0,	0.0,	1.2);
(70.0,	10.0,	0.0,	1.2);	(80.0,	10.0,	0.0,	1.2);
(90.0,	10.0,	0.0,	1.2);	(100.0,	10.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	20.0,	0.0,	1.2);	(-90.0,	20.0,	0.0,	1.2);
(-80.0,	20.0,	0.0,	1.2);	(-70.0,	20.0,	0.0,	1.2);
(-60.0,	20.0,	0.0,	1.2);	(-50.0,	20.0,	0.0,	1.2);
(-40.0,	20.0,	0.0,	1.2);	(-30.0,	20.0,	0.0,	1.2);
(-25.0,	20.0,	0.0,	1.2);	(-20.0,	20.0,	0.0,	1.2);
(-17.0,	20.0,	0.0,	1.2);	(-15.0,	20.0,	0.0,	1.2);
(-13.0,	20.0,	0.0,	1.2);	(-11.0,	20.0,	0.0,	1.2);
(-9.0,	20.0,	0.0,	1.2);	(9.0,	20.0,	0.0,	1.2);
(11.0,	20.0,	0.0,	1.2);	(13.0,	20.0,	0.0,	1.2);
(15.0,	20.0,	0.0,	1.2);	(17.0,	20.0,	0.0,	1.2);
(20.0,	20.0,	0.0,	1.2);	(25.0,	20.0,	0.0,	1.2);
(30.0,	20.0,	0.0,	1.2);	(40.0,	20.0,	0.0,	1.2);
(50.0,	20.0,	0.0,	1.2);	(60.0,	20.0,	0.0,	1.2);
(70.0,	20.0,	0.0,	1.2);	(80.0,	20.0,	0.0,	1.2);
(90.0,	20.0,	0.0,	1.2);	(100.0,	20.0,	0.0,	1.2);
(-100.0,	30.0,	0.0,	1.2);	(-90.0,	30.0,	0.0,	1.2);
(-80.0,	30.0,	0.0,	1.2);	(-70.0,	30.0,	0.0,	1.2);
(-60.0,	30.0,	0.0,	1.2);	(-50.0,	30.0,	0.0,	1.2);
(-40.0,	30.0,	0.0,	1.2);	(-30.0,	30.0,	0.0,	1.2);

02NCRA_NAPA95-300_DPM_TRAV_ANN N-S Bound

(-25.0,	30.0,	0.0,	1.2);	(-20.0,	30.0,	0.0,	1.2);
(-17.0,	30.0,	0.0,	1.2);	(-15.0,	30.0,	0.0,	1.2);
(-13.0,	30.0,	0.0,	1.2);	(-11.0,	30.0,	0.0,	1.2);
(-9.0,	30.0,	0.0,	1.2);	(9.0,	30.0,	0.0,	1.2);
(11.0,	30.0,	0.0,	1.2);	(13.0,	30.0,	0.0,	1.2);
(15.0,	30.0,	0.0,	1.2);	(17.0,	30.0,	0.0,	1.2);
(20.0,	30.0,	0.0,	1.2);	(25.0,	30.0,	0.0,	1.2);
(30.0,	30.0,	0.0,	1.2);	(40.0,	30.0,	0.0,	1.2);
(50.0,	30.0,	0.0,	1.2);	(60.0,	30.0,	0.0,	1.2);
(70.0,	30.0,	0.0,	1.2);	(80.0,	30.0,	0.0,	1.2);
(90.0,	30.0,	0.0,	1.2);	(100.0,	30.0,	0.0,	1.2);
(-100.0,	40.0,	0.0,	1.2);	(-90.0,	40.0,	0.0,	1.2);
(-80.0,	40.0,	0.0,	1.2);	(-70.0,	40.0,	0.0,	1.2);
(-60.0,	40.0,	0.0,	1.2);	(-50.0,	40.0,	0.0,	1.2);
(-40.0,	40.0,	0.0,	1.2);	(-30.0,	40.0,	0.0,	1.2);
(-25.0,	40.0,	0.0,	1.2);	(-20.0,	40.0,	0.0,	1.2);
(-17.0,	40.0,	0.0,	1.2);	(-15.0,	40.0,	0.0,	1.2);
(-13.0,	40.0,	0.0,	1.2);	(-11.0,	40.0,	0.0,	1.2);
(-9.0,	40.0,	0.0,	1.2);	(9.0,	40.0,	0.0,	1.2);
(11.0,	40.0,	0.0,	1.2);	(13.0,	40.0,	0.0,	1.2);
(15.0,	40.0,	0.0,	1.2);	(17.0,	40.0,	0.0,	1.2);
(20.0,	40.0,	0.0,	1.2);	(25.0,	40.0,	0.0,	1.2);
(30.0,	40.0,	0.0,	1.2);	(40.0,	40.0,	0.0,	1.2);
(50.0,	40.0,	0.0,	1.2);	(60.0,	40.0,	0.0,	1.2);
(70.0,	40.0,	0.0,	1.2);	(80.0,	40.0,	0.0,	1.2);
(90.0,	40.0,	0.0,	1.2);	(100.0,	40.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:28:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	50.0,	0.0,	1.2);	(-90.0,	50.0,	0.0,	1.2);
(-80.0,	50.0,	0.0,	1.2);	(-70.0,	50.0,	0.0,	1.2);
(-60.0,	50.0,	0.0,	1.2);	(-50.0,	50.0,	0.0,	1.2);
(-40.0,	50.0,	0.0,	1.2);	(-30.0,	50.0,	0.0,	1.2);
(-25.0,	50.0,	0.0,	1.2);	(-20.0,	50.0,	0.0,	1.2);
(-17.0,	50.0,	0.0,	1.2);	(-15.0,	50.0,	0.0,	1.2);
(-13.0,	50.0,	0.0,	1.2);	(-11.0,	50.0,	0.0,	1.2);
(-9.0,	50.0,	0.0,	1.2);	(9.0,	50.0,	0.0,	1.2);
(11.0,	50.0,	0.0,	1.2);	(13.0,	50.0,	0.0,	1.2);
(15.0,	50.0,	0.0,	1.2);	(17.0,	50.0,	0.0,	1.2);
(20.0,	50.0,	0.0,	1.2);	(25.0,	50.0,	0.0,	1.2);

02NCRA_NAPA95-300_DPM_TRAV_ANN N-S Bound

(30.0,	50.0,	0.0,	1.2);	(40.0,	50.0,	0.0,	1.2);
(50.0,	50.0,	0.0,	1.2);	(60.0,	50.0,	0.0,	1.2);
(70.0,	50.0,	0.0,	1.2);	(80.0,	50.0,	0.0,	1.2);
(90.0,	50.0,	0.0,	1.2);	(100.0,	50.0,	0.0,	1.2);
(-100.0,	60.0,	0.0,	1.2);	(-90.0,	60.0,	0.0,	1.2);
(-80.0,	60.0,	0.0,	1.2);	(-70.0,	60.0,	0.0,	1.2);
(-60.0,	60.0,	0.0,	1.2);	(-50.0,	60.0,	0.0,	1.2);
(-40.0,	60.0,	0.0,	1.2);	(-30.0,	60.0,	0.0,	1.2);
(-25.0,	60.0,	0.0,	1.2);	(-20.0,	60.0,	0.0,	1.2);
(-17.0,	60.0,	0.0,	1.2);	(-15.0,	60.0,	0.0,	1.2);
(-13.0,	60.0,	0.0,	1.2);	(-11.0,	60.0,	0.0,	1.2);
(-9.0,	60.0,	0.0,	1.2);	(9.0,	60.0,	0.0,	1.2);
(11.0,	60.0,	0.0,	1.2);	(13.0,	60.0,	0.0,	1.2);
(15.0,	60.0,	0.0,	1.2);	(17.0,	60.0,	0.0,	1.2);
(20.0,	60.0,	0.0,	1.2);	(25.0,	60.0,	0.0,	1.2);
(30.0,	60.0,	0.0,	1.2);	(40.0,	60.0,	0.0,	1.2);
(50.0,	60.0,	0.0,	1.2);	(60.0,	60.0,	0.0,	1.2);
(70.0,	60.0,	0.0,	1.2);	(80.0,	60.0,	0.0,	1.2);
(90.0,	60.0,	0.0,	1.2);	(100.0,	60.0,	0.0,	1.2);
(-100.0,	70.0,	0.0,	1.2);	(-90.0,	70.0,	0.0,	1.2);
(-80.0,	70.0,	0.0,	1.2);	(-70.0,	70.0,	0.0,	1.2);
(-60.0,	70.0,	0.0,	1.2);	(-50.0,	70.0,	0.0,	1.2);
(-40.0,	70.0,	0.0,	1.2);	(-30.0,	70.0,	0.0,	1.2);
(-25.0,	70.0,	0.0,	1.2);	(-20.0,	70.0,	0.0,	1.2);
(-17.0,	70.0,	0.0,	1.2);	(-15.0,	70.0,	0.0,	1.2);
(-13.0,	70.0,	0.0,	1.2);	(-11.0,	70.0,	0.0,	1.2);
(-9.0,	70.0,	0.0,	1.2);	(9.0,	70.0,	0.0,	1.2);
(11.0,	70.0,	0.0,	1.2);	(13.0,	70.0,	0.0,	1.2);
(15.0,	70.0,	0.0,	1.2);	(17.0,	70.0,	0.0,	1.2);
(20.0,	70.0,	0.0,	1.2);	(25.0,	70.0,	0.0,	1.2);
(30.0,	70.0,	0.0,	1.2);	(40.0,	70.0,	0.0,	1.2);
(50.0,	70.0,	0.0,	1.2);	(60.0,	70.0,	0.0,	1.2);
(70.0,	70.0,	0.0,	1.2);	(80.0,	70.0,	0.0,	1.2);
(90.0,	70.0,	0.0,	1.2);	(100.0,	70.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:28:19

**MODELOPTs:
PAGE 15

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	80.0,	0.0,	1.2);	(-90.0,	80.0,	0.0,	1.2);
(-80.0,	80.0,	0.0,	1.2);	(-70.0,	80.0,	0.0,	1.2);
(-60.0,	80.0,	0.0,	1.2);	(-50.0,	80.0,	0.0,	1.2);

02NCRA_NAPA95-300_DPM_TRAV_ANN N-S Bound

(-40.0,	80.0,	0.0,	1.2);	(-30.0,	80.0,	0.0,	1.2);
(-25.0,	80.0,	0.0,	1.2);	(-20.0,	80.0,	0.0,	1.2);
(-17.0,	80.0,	0.0,	1.2);	(-15.0,	80.0,	0.0,	1.2);
(-13.0,	80.0,	0.0,	1.2);	(-11.0,	80.0,	0.0,	1.2);
(-9.0,	80.0,	0.0,	1.2);	(9.0,	80.0,	0.0,	1.2);
(11.0,	80.0,	0.0,	1.2);	(13.0,	80.0,	0.0,	1.2);
(15.0,	80.0,	0.0,	1.2);	(17.0,	80.0,	0.0,	1.2);
(20.0,	80.0,	0.0,	1.2);	(25.0,	80.0,	0.0,	1.2);
(30.0,	80.0,	0.0,	1.2);	(40.0,	80.0,	0.0,	1.2);
(50.0,	80.0,	0.0,	1.2);	(60.0,	80.0,	0.0,	1.2);
(70.0,	80.0,	0.0,	1.2);	(80.0,	80.0,	0.0,	1.2);
(90.0,	80.0,	0.0,	1.2);	(100.0,	80.0,	0.0,	1.2);
(-100.0,	90.0,	0.0,	1.2);	(-90.0,	90.0,	0.0,	1.2);
(-80.0,	90.0,	0.0,	1.2);	(-70.0,	90.0,	0.0,	1.2);
(-60.0,	90.0,	0.0,	1.2);	(-50.0,	90.0,	0.0,	1.2);
(-40.0,	90.0,	0.0,	1.2);	(-30.0,	90.0,	0.0,	1.2);
(-25.0,	90.0,	0.0,	1.2);	(-20.0,	90.0,	0.0,	1.2);
(-17.0,	90.0,	0.0,	1.2);	(-15.0,	90.0,	0.0,	1.2);
(-13.0,	90.0,	0.0,	1.2);	(-11.0,	90.0,	0.0,	1.2);
(-9.0,	90.0,	0.0,	1.2);	(9.0,	90.0,	0.0,	1.2);
(11.0,	90.0,	0.0,	1.2);	(13.0,	90.0,	0.0,	1.2);
(15.0,	90.0,	0.0,	1.2);	(17.0,	90.0,	0.0,	1.2);
(20.0,	90.0,	0.0,	1.2);	(25.0,	90.0,	0.0,	1.2);
(30.0,	90.0,	0.0,	1.2);	(40.0,	90.0,	0.0,	1.2);
(50.0,	90.0,	0.0,	1.2);	(60.0,	90.0,	0.0,	1.2);
(70.0,	90.0,	0.0,	1.2);	(80.0,	90.0,	0.0,	1.2);
(90.0,	90.0,	0.0,	1.2);	(100.0,	90.0,	0.0,	1.2);
(-100.0,	100.0,	0.0,	1.2);	(-90.0,	100.0,	0.0,	1.2);
(-80.0,	100.0,	0.0,	1.2);	(-70.0,	100.0,	0.0,	1.2);
(-60.0,	100.0,	0.0,	1.2);	(-50.0,	100.0,	0.0,	1.2);
(-40.0,	100.0,	0.0,	1.2);	(-30.0,	100.0,	0.0,	1.2);
(-25.0,	100.0,	0.0,	1.2);	(-20.0,	100.0,	0.0,	1.2);
(-17.0,	100.0,	0.0,	1.2);	(-15.0,	100.0,	0.0,	1.2);
(-13.0,	100.0,	0.0,	1.2);	(-11.0,	100.0,	0.0,	1.2);
(-9.0,	100.0,	0.0,	1.2);	(9.0,	100.0,	0.0,	1.2);
(11.0,	100.0,	0.0,	1.2);	(13.0,	100.0,	0.0,	1.2);
(15.0,	100.0,	0.0,	1.2);	(17.0,	100.0,	0.0,	1.2);
(20.0,	100.0,	0.0,	1.2);	(25.0,	100.0,	0.0,	1.2);
(30.0,	100.0,	0.0,	1.2);	(40.0,	100.0,	0.0,	1.2);
(50.0,	100.0,	0.0,	1.2);	(60.0,	100.0,	0.0,	1.2);
(70.0,	100.0,	0.0,	1.2);	(80.0,	100.0,	0.0,	1.2);
(90.0,	100.0,	0.0,	1.2);	(100.0,	100.0,	0.0,	1.2);

**MODELOPTs:
PAGE 16
CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, 110.0, 0.0, 1.2);	(-90.0, 110.0, 0.0, 1.2);
(-80.0, 110.0, 0.0, 1.2);	(-70.0, 110.0, 0.0, 1.2);
(-60.0, 110.0, 0.0, 1.2);	(-50.0, 110.0, 0.0, 1.2);
(-40.0, 110.0, 0.0, 1.2);	(-30.0, 110.0, 0.0, 1.2);
(-25.0, 110.0, 0.0, 1.2);	(-20.0, 110.0, 0.0, 1.2);
(-17.0, 110.0, 0.0, 1.2);	(-15.0, 110.0, 0.0, 1.2);
(-13.0, 110.0, 0.0, 1.2);	(-11.0, 110.0, 0.0, 1.2);
(-9.0, 110.0, 0.0, 1.2);	(9.0, 110.0, 0.0, 1.2);
(11.0, 110.0, 0.0, 1.2);	(13.0, 110.0, 0.0, 1.2);
(15.0, 110.0, 0.0, 1.2);	(17.0, 110.0, 0.0, 1.2);
(20.0, 110.0, 0.0, 1.2);	(25.0, 110.0, 0.0, 1.2);
(30.0, 110.0, 0.0, 1.2);	(40.0, 110.0, 0.0, 1.2);
(50.0, 110.0, 0.0, 1.2);	(60.0, 110.0, 0.0, 1.2);
(70.0, 110.0, 0.0, 1.2);	(80.0, 110.0, 0.0, 1.2);
(90.0, 110.0, 0.0, 1.2);	(100.0, 110.0, 0.0, 1.2);
(-100.0, 120.0, 0.0, 1.2);	(-90.0, 120.0, 0.0, 1.2);
(-80.0, 120.0, 0.0, 1.2);	(-70.0, 120.0, 0.0, 1.2);
(-60.0, 120.0, 0.0, 1.2);	(-50.0, 120.0, 0.0, 1.2);
(-40.0, 120.0, 0.0, 1.2);	(-30.0, 120.0, 0.0, 1.2);
(-25.0, 120.0, 0.0, 1.2);	(-20.0, 120.0, 0.0, 1.2);
(-17.0, 120.0, 0.0, 1.2);	(-15.0, 120.0, 0.0, 1.2);
(-13.0, 120.0, 0.0, 1.2);	(-11.0, 120.0, 0.0, 1.2);
(-9.0, 120.0, 0.0, 1.2);	(9.0, 120.0, 0.0, 1.2);
(11.0, 120.0, 0.0, 1.2);	(13.0, 120.0, 0.0, 1.2);
(15.0, 120.0, 0.0, 1.2);	(17.0, 120.0, 0.0, 1.2);
(20.0, 120.0, 0.0, 1.2);	(25.0, 120.0, 0.0, 1.2);
(30.0, 120.0, 0.0, 1.2);	(40.0, 120.0, 0.0, 1.2);
(50.0, 120.0, 0.0, 1.2);	(60.0, 120.0, 0.0, 1.2);
(70.0, 120.0, 0.0, 1.2);	(80.0, 120.0, 0.0, 1.2);
(90.0, 120.0, 0.0, 1.2);	(100.0, 120.0, 0.0, 1.2);
(-100.0, 130.0, 0.0, 1.2);	(-90.0, 130.0, 0.0, 1.2);
(-80.0, 130.0, 0.0, 1.2);	(-70.0, 130.0, 0.0, 1.2);
(-60.0, 130.0, 0.0, 1.2);	(-50.0, 130.0, 0.0, 1.2);
(-40.0, 130.0, 0.0, 1.2);	(-30.0, 130.0, 0.0, 1.2);
(-25.0, 130.0, 0.0, 1.2);	(-20.0, 130.0, 0.0, 1.2);
(-17.0, 130.0, 0.0, 1.2);	(-15.0, 130.0, 0.0, 1.2);
(-13.0, 130.0, 0.0, 1.2);	(-11.0, 130.0, 0.0, 1.2);
(-9.0, 130.0, 0.0, 1.2);	(9.0, 130.0, 0.0, 1.2);
(11.0, 130.0, 0.0, 1.2);	(13.0, 130.0, 0.0, 1.2);

02NCRA_NAPA95-300_DPM_TRAV_ANN N-S Bound

(15.0,	130.0,	0.0,	1.2);	(17.0,	130.0,	0.0,	1.2);
(20.0,	130.0,	0.0,	1.2);	(25.0,	130.0,	0.0,	1.2);
(30.0,	130.0,	0.0,	1.2);	(40.0,	130.0,	0.0,	1.2);
(50.0,	130.0,	0.0,	1.2);	(60.0,	130.0,	0.0,	1.2);
(70.0,	130.0,	0.0,	1.2);	(80.0,	130.0,	0.0,	1.2);
(90.0,	130.0,	0.0,	1.2);	(100.0,	130.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:

PAGE 17

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	140.0,	0.0,	1.2);	(-90.0,	140.0,	0.0,	1.2);
(-80.0,	140.0,	0.0,	1.2);	(-70.0,	140.0,	0.0,	1.2);
(-60.0,	140.0,	0.0,	1.2);	(-50.0,	140.0,	0.0,	1.2);
(-40.0,	140.0,	0.0,	1.2);	(-30.0,	140.0,	0.0,	1.2);
(-25.0,	140.0,	0.0,	1.2);	(-20.0,	140.0,	0.0,	1.2);
(-17.0,	140.0,	0.0,	1.2);	(-15.0,	140.0,	0.0,	1.2);
(-13.0,	140.0,	0.0,	1.2);	(-11.0,	140.0,	0.0,	1.2);
(-9.0,	140.0,	0.0,	1.2);	(9.0,	140.0,	0.0,	1.2);
(11.0,	140.0,	0.0,	1.2);	(13.0,	140.0,	0.0,	1.2);
(15.0,	140.0,	0.0,	1.2);	(17.0,	140.0,	0.0,	1.2);
(20.0,	140.0,	0.0,	1.2);	(25.0,	140.0,	0.0,	1.2);
(30.0,	140.0,	0.0,	1.2);	(40.0,	140.0,	0.0,	1.2);
(50.0,	140.0,	0.0,	1.2);	(60.0,	140.0,	0.0,	1.2);
(70.0,	140.0,	0.0,	1.2);	(80.0,	140.0,	0.0,	1.2);
(90.0,	140.0,	0.0,	1.2);	(100.0,	140.0,	0.0,	1.2);
(-100.0,	150.0,	0.0,	1.2);	(-90.0,	150.0,	0.0,	1.2);
(-80.0,	150.0,	0.0,	1.2);	(-70.0,	150.0,	0.0,	1.2);
(-60.0,	150.0,	0.0,	1.2);	(-50.0,	150.0,	0.0,	1.2);
(-40.0,	150.0,	0.0,	1.2);	(-30.0,	150.0,	0.0,	1.2);
(-25.0,	150.0,	0.0,	1.2);	(-20.0,	150.0,	0.0,	1.2);
(-17.0,	150.0,	0.0,	1.2);	(-15.0,	150.0,	0.0,	1.2);
(-13.0,	150.0,	0.0,	1.2);	(-11.0,	150.0,	0.0,	1.2);
(-9.0,	150.0,	0.0,	1.2);	(9.0,	150.0,	0.0,	1.2);
(11.0,	150.0,	0.0,	1.2);	(13.0,	150.0,	0.0,	1.2);
(15.0,	150.0,	0.0,	1.2);	(17.0,	150.0,	0.0,	1.2);
(20.0,	150.0,	0.0,	1.2);	(25.0,	150.0,	0.0,	1.2);
(30.0,	150.0,	0.0,	1.2);	(40.0,	150.0,	0.0,	1.2);
(50.0,	150.0,	0.0,	1.2);	(60.0,	150.0,	0.0,	1.2);
(70.0,	150.0,	0.0,	1.2);	(80.0,	150.0,	0.0,	1.2);
(90.0,	150.0,	0.0,	1.2);	(100.0,	150.0,	0.0,	1.2);
(-100.0,	160.0,	0.0,	1.2);	(-90.0,	160.0,	0.0,	1.2);

02NCRA_NAPA95-300_DPM_TRAV_ANN N-S Bound

(-80.0,	160.0,	0.0,	1.2);	(-70.0,	160.0,	0.0,	1.2);
(-60.0,	160.0,	0.0,	1.2);	(-50.0,	160.0,	0.0,	1.2);
(-40.0,	160.0,	0.0,	1.2);	(-30.0,	160.0,	0.0,	1.2);
(-25.0,	160.0,	0.0,	1.2);	(-20.0,	160.0,	0.0,	1.2);
(-17.0,	160.0,	0.0,	1.2);	(-15.0,	160.0,	0.0,	1.2);
(-13.0,	160.0,	0.0,	1.2);	(-11.0,	160.0,	0.0,	1.2);
(-9.0,	160.0,	0.0,	1.2);	(9.0,	160.0,	0.0,	1.2);
(11.0,	160.0,	0.0,	1.2);	(13.0,	160.0,	0.0,	1.2);
(15.0,	160.0,	0.0,	1.2);	(17.0,	160.0,	0.0,	1.2);
(20.0,	160.0,	0.0,	1.2);	(25.0,	160.0,	0.0,	1.2);
(30.0,	160.0,	0.0,	1.2);	(40.0,	160.0,	0.0,	1.2);
(50.0,	160.0,	0.0,	1.2);	(60.0,	160.0,	0.0,	1.2);
(70.0,	160.0,	0.0,	1.2);	(80.0,	160.0,	0.0,	1.2);
(90.0,	160.0,	0.0,	1.2);	(100.0,	160.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 18
 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	170.0,	0.0,	1.2);	(-90.0,	170.0,	0.0,	1.2);
(-80.0,	170.0,	0.0,	1.2);	(-70.0,	170.0,	0.0,	1.2);
(-60.0,	170.0,	0.0,	1.2);	(-50.0,	170.0,	0.0,	1.2);
(-40.0,	170.0,	0.0,	1.2);	(-30.0,	170.0,	0.0,	1.2);
(-25.0,	170.0,	0.0,	1.2);	(-20.0,	170.0,	0.0,	1.2);
(-17.0,	170.0,	0.0,	1.2);	(-15.0,	170.0,	0.0,	1.2);
(-13.0,	170.0,	0.0,	1.2);	(-11.0,	170.0,	0.0,	1.2);
(-9.0,	170.0,	0.0,	1.2);	(9.0,	170.0,	0.0,	1.2);
(11.0,	170.0,	0.0,	1.2);	(13.0,	170.0,	0.0,	1.2);
(15.0,	170.0,	0.0,	1.2);	(17.0,	170.0,	0.0,	1.2);
(20.0,	170.0,	0.0,	1.2);	(25.0,	170.0,	0.0,	1.2);
(30.0,	170.0,	0.0,	1.2);	(40.0,	170.0,	0.0,	1.2);
(50.0,	170.0,	0.0,	1.2);	(60.0,	170.0,	0.0,	1.2);
(70.0,	170.0,	0.0,	1.2);	(80.0,	170.0,	0.0,	1.2);
(90.0,	170.0,	0.0,	1.2);	(100.0,	170.0,	0.0,	1.2);
(-100.0,	180.0,	0.0,	1.2);	(-90.0,	180.0,	0.0,	1.2);
(-80.0,	180.0,	0.0,	1.2);	(-70.0,	180.0,	0.0,	1.2);
(-60.0,	180.0,	0.0,	1.2);	(-50.0,	180.0,	0.0,	1.2);
(-40.0,	180.0,	0.0,	1.2);	(-30.0,	180.0,	0.0,	1.2);
(-25.0,	180.0,	0.0,	1.2);	(-20.0,	180.0,	0.0,	1.2);
(-17.0,	180.0,	0.0,	1.2);	(-15.0,	180.0,	0.0,	1.2);
(-13.0,	180.0,	0.0,	1.2);	(-11.0,	180.0,	0.0,	1.2);
(-9.0,	180.0,	0.0,	1.2);	(9.0,	180.0,	0.0,	1.2);

02NCRA_NAPA95-300_DPM_TRAV_ANN N-S Bound

(11.0,	180.0,	0.0,	1.2);	(13.0,	180.0,	0.0,	1.2);
(15.0,	180.0,	0.0,	1.2);	(17.0,	180.0,	0.0,	1.2);
(20.0,	180.0,	0.0,	1.2);	(25.0,	180.0,	0.0,	1.2);
(30.0,	180.0,	0.0,	1.2);	(40.0,	180.0,	0.0,	1.2);
(50.0,	180.0,	0.0,	1.2);	(60.0,	180.0,	0.0,	1.2);
(70.0,	180.0,	0.0,	1.2);	(80.0,	180.0,	0.0,	1.2);
(90.0,	180.0,	0.0,	1.2);	(100.0,	180.0,	0.0,	1.2);
(-100.0,	190.0,	0.0,	1.2);	(-90.0,	190.0,	0.0,	1.2);
(-80.0,	190.0,	0.0,	1.2);	(-70.0,	190.0,	0.0,	1.2);
(-60.0,	190.0,	0.0,	1.2);	(-50.0,	190.0,	0.0,	1.2);
(-40.0,	190.0,	0.0,	1.2);	(-30.0,	190.0,	0.0,	1.2);
(-25.0,	190.0,	0.0,	1.2);	(-20.0,	190.0,	0.0,	1.2);
(-17.0,	190.0,	0.0,	1.2);	(-15.0,	190.0,	0.0,	1.2);
(-13.0,	190.0,	0.0,	1.2);	(-11.0,	190.0,	0.0,	1.2);
(-9.0,	190.0,	0.0,	1.2);	(9.0,	190.0,	0.0,	1.2);
(11.0,	190.0,	0.0,	1.2);	(13.0,	190.0,	0.0,	1.2);
(15.0,	190.0,	0.0,	1.2);	(17.0,	190.0,	0.0,	1.2);
(20.0,	190.0,	0.0,	1.2);	(25.0,	190.0,	0.0,	1.2);
(30.0,	190.0,	0.0,	1.2);	(40.0,	190.0,	0.0,	1.2);
(50.0,	190.0,	0.0,	1.2);	(60.0,	190.0,	0.0,	1.2);
(70.0,	190.0,	0.0,	1.2);	(80.0,	190.0,	0.0,	1.2);
(90.0,	190.0,	0.0,	1.2);	(100.0,	190.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	200.0,	0.0,	1.2);	(-90.0,	200.0,	0.0,	1.2);
(-80.0,	200.0,	0.0,	1.2);	(-70.0,	200.0,	0.0,	1.2);
(-60.0,	200.0,	0.0,	1.2);	(-50.0,	200.0,	0.0,	1.2);
(-40.0,	200.0,	0.0,	1.2);	(-30.0,	200.0,	0.0,	1.2);
(-25.0,	200.0,	0.0,	1.2);	(-20.0,	200.0,	0.0,	1.2);
(-17.0,	200.0,	0.0,	1.2);	(-15.0,	200.0,	0.0,	1.2);
(-13.0,	200.0,	0.0,	1.2);	(-11.0,	200.0,	0.0,	1.2);
(-9.0,	200.0,	0.0,	1.2);	(9.0,	200.0,	0.0,	1.2);
(11.0,	200.0,	0.0,	1.2);	(13.0,	200.0,	0.0,	1.2);
(15.0,	200.0,	0.0,	1.2);	(17.0,	200.0,	0.0,	1.2);
(20.0,	200.0,	0.0,	1.2);	(25.0,	200.0,	0.0,	1.2);
(30.0,	200.0,	0.0,	1.2);	(40.0,	200.0,	0.0,	1.2);
(50.0,	200.0,	0.0,	1.2);	(60.0,	200.0,	0.0,	1.2);
(70.0,	200.0,	0.0,	1.2);	(80.0,	200.0,	0.0,	1.2);
(90.0,	200.0,	0.0,	1.2);	(100.0,	200.0,	0.0,	1.2);

02NCRA_NAPA95-300_DPM_TRAV_ANN N-S Bound

(-100.0,	210.0,	0.0,	1.2);	(-90.0,	210.0,	0.0,	1.2);
(-80.0,	210.0,	0.0,	1.2);	(-70.0,	210.0,	0.0,	1.2);
(-60.0,	210.0,	0.0,	1.2);	(-50.0,	210.0,	0.0,	1.2);
(-40.0,	210.0,	0.0,	1.2);	(-30.0,	210.0,	0.0,	1.2);
(-25.0,	210.0,	0.0,	1.2);	(-20.0,	210.0,	0.0,	1.2);
(-17.0,	210.0,	0.0,	1.2);	(-15.0,	210.0,	0.0,	1.2);
(-13.0,	210.0,	0.0,	1.2);	(-11.0,	210.0,	0.0,	1.2);
(-9.0,	210.0,	0.0,	1.2);	(9.0,	210.0,	0.0,	1.2);
(11.0,	210.0,	0.0,	1.2);	(13.0,	210.0,	0.0,	1.2);
(15.0,	210.0,	0.0,	1.2);	(17.0,	210.0,	0.0,	1.2);
(20.0,	210.0,	0.0,	1.2);	(25.0,	210.0,	0.0,	1.2);
(30.0,	210.0,	0.0,	1.2);	(40.0,	210.0,	0.0,	1.2);
(50.0,	210.0,	0.0,	1.2);	(60.0,	210.0,	0.0,	1.2);
(70.0,	210.0,	0.0,	1.2);	(80.0,	210.0,	0.0,	1.2);
(90.0,	210.0,	0.0,	1.2);	(100.0,	210.0,	0.0,	1.2);
(-100.0,	220.0,	0.0,	1.2);	(-90.0,	220.0,	0.0,	1.2);
(-80.0,	220.0,	0.0,	1.2);	(-70.0,	220.0,	0.0,	1.2);
(-60.0,	220.0,	0.0,	1.2);	(-50.0,	220.0,	0.0,	1.2);
(-40.0,	220.0,	0.0,	1.2);	(-30.0,	220.0,	0.0,	1.2);
(-25.0,	220.0,	0.0,	1.2);	(-20.0,	220.0,	0.0,	1.2);
(-17.0,	220.0,	0.0,	1.2);	(-15.0,	220.0,	0.0,	1.2);
(-13.0,	220.0,	0.0,	1.2);	(-11.0,	220.0,	0.0,	1.2);
(-9.0,	220.0,	0.0,	1.2);	(9.0,	220.0,	0.0,	1.2);
(11.0,	220.0,	0.0,	1.2);	(13.0,	220.0,	0.0,	1.2);
(15.0,	220.0,	0.0,	1.2);	(17.0,	220.0,	0.0,	1.2);
(20.0,	220.0,	0.0,	1.2);	(25.0,	220.0,	0.0,	1.2);
(30.0,	220.0,	0.0,	1.2);	(40.0,	220.0,	0.0,	1.2);
(50.0,	220.0,	0.0,	1.2);	(60.0,	220.0,	0.0,	1.2);
(70.0,	220.0,	0.0,	1.2);	(80.0,	220.0,	0.0,	1.2);
(90.0,	220.0,	0.0,	1.2);	(100.0,	220.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	230.0,	0.0,	1.2);	(-90.0,	230.0,	0.0,	1.2);
(-80.0,	230.0,	0.0,	1.2);	(-70.0,	230.0,	0.0,	1.2);
(-60.0,	230.0,	0.0,	1.2);	(-50.0,	230.0,	0.0,	1.2);
(-40.0,	230.0,	0.0,	1.2);	(-30.0,	230.0,	0.0,	1.2);
(-25.0,	230.0,	0.0,	1.2);	(-20.0,	230.0,	0.0,	1.2);
(-17.0,	230.0,	0.0,	1.2);	(-15.0,	230.0,	0.0,	1.2);
(-13.0,	230.0,	0.0,	1.2);	(-11.0,	230.0,	0.0,	1.2);

02NCRA_NAPA95-300_DPM_TRAV_ANN N-S Bound

(-9.0, 230.0, 0.0, 1.2);	(9.0, 230.0, 0.0, 1.2);
(11.0, 230.0, 0.0, 1.2);	(13.0, 230.0, 0.0, 1.2);
(15.0, 230.0, 0.0, 1.2);	(17.0, 230.0, 0.0, 1.2);
(20.0, 230.0, 0.0, 1.2);	(25.0, 230.0, 0.0, 1.2);
(30.0, 230.0, 0.0, 1.2);	(40.0, 230.0, 0.0, 1.2);
(50.0, 230.0, 0.0, 1.2);	(60.0, 230.0, 0.0, 1.2);
(70.0, 230.0, 0.0, 1.2);	(80.0, 230.0, 0.0, 1.2);
(90.0, 230.0, 0.0, 1.2);	(100.0, 230.0, 0.0, 1.2);
(-100.0, 240.0, 0.0, 1.2);	(-90.0, 240.0, 0.0, 1.2);
(-80.0, 240.0, 0.0, 1.2);	(-70.0, 240.0, 0.0, 1.2);
(-60.0, 240.0, 0.0, 1.2);	(-50.0, 240.0, 0.0, 1.2);
(-40.0, 240.0, 0.0, 1.2);	(-30.0, 240.0, 0.0, 1.2);
(-25.0, 240.0, 0.0, 1.2);	(-20.0, 240.0, 0.0, 1.2);
(-17.0, 240.0, 0.0, 1.2);	(-15.0, 240.0, 0.0, 1.2);
(-13.0, 240.0, 0.0, 1.2);	(-11.0, 240.0, 0.0, 1.2);
(-9.0, 240.0, 0.0, 1.2);	(9.0, 240.0, 0.0, 1.2);
(11.0, 240.0, 0.0, 1.2);	(13.0, 240.0, 0.0, 1.2);
(15.0, 240.0, 0.0, 1.2);	(17.0, 240.0, 0.0, 1.2);
(20.0, 240.0, 0.0, 1.2);	(25.0, 240.0, 0.0, 1.2);
(30.0, 240.0, 0.0, 1.2);	(40.0, 240.0, 0.0, 1.2);
(50.0, 240.0, 0.0, 1.2);	(60.0, 240.0, 0.0, 1.2);
(70.0, 240.0, 0.0, 1.2);	(80.0, 240.0, 0.0, 1.2);
(90.0, 240.0, 0.0, 1.2);	(100.0, 240.0, 0.0, 1.2);
(-100.0, 250.0, 0.0, 1.2);	(-90.0, 250.0, 0.0, 1.2);
(-80.0, 250.0, 0.0, 1.2);	(-70.0, 250.0, 0.0, 1.2);
(-60.0, 250.0, 0.0, 1.2);	(-50.0, 250.0, 0.0, 1.2);
(-40.0, 250.0, 0.0, 1.2);	(-30.0, 250.0, 0.0, 1.2);
(-25.0, 250.0, 0.0, 1.2);	(-20.0, 250.0, 0.0, 1.2);
(-17.0, 250.0, 0.0, 1.2);	(-15.0, 250.0, 0.0, 1.2);
(-13.0, 250.0, 0.0, 1.2);	(-11.0, 250.0, 0.0, 1.2);
(-9.0, 250.0, 0.0, 1.2);	(9.0, 250.0, 0.0, 1.2);
(11.0, 250.0, 0.0, 1.2);	(13.0, 250.0, 0.0, 1.2);
(15.0, 250.0, 0.0, 1.2);	(17.0, 250.0, 0.0, 1.2);
(20.0, 250.0, 0.0, 1.2);	(25.0, 250.0, 0.0, 1.2);
(30.0, 250.0, 0.0, 1.2);	(40.0, 250.0, 0.0, 1.2);
(50.0, 250.0, 0.0, 1.2);	(60.0, 250.0, 0.0, 1.2);
(70.0, 250.0, 0.0, 1.2);	(80.0, 250.0, 0.0, 1.2);
(90.0, 250.0, 0.0, 1.2);	(100.0, 250.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
95	01	01	01	162.0	2.68	279.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	02	224.0	3.62	281.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	03	154.0	2.19	280.3	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	04	188.0	2.82	279.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	05	212.0	2.37	280.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	06	136.0	1.83	280.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	07	140.0	1.61	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	08	168.0	1.83	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	09	161.0	2.32	280.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	10	160.0	2.77	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	11	169.0	3.08	281.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	12	182.0	3.04	281.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	13	175.0	3.13	282.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	14	172.0	3.62	282.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	15	169.0	3.08	282.4	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	16	171.0	3.00	282.3	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	17	172.0	2.32	282.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	18	183.0	2.82	281.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	19	177.0	2.46	281.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	20	213.0	1.74	281.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	21	185.0	2.06	281.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	22	252.0	1.52	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	23	191.0	1.16	278.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	24	214.0	1.00	278.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00012	-90.00	-250.00	0.00012
-80.00	-250.00	0.00012	-70.00	-250.00	0.00012
-60.00	-250.00	0.00012	-50.00	-250.00	0.00011
-40.00	-250.00	0.00011	-30.00	-250.00	0.00010
-25.00	-250.00	0.00010	-20.00	-250.00	0.00010
-17.00	-250.00	0.00010	-15.00	-250.00	0.00010
-13.00	-250.00	0.00010	-11.00	-250.00	0.00010
-9.00	-250.00	0.00010	9.00	-250.00	0.00009
11.00	-250.00	0.00009	13.00	-250.00	0.00009
15.00	-250.00	0.00009	17.00	-250.00	0.00008
20.00	-250.00	0.00008	25.00	-250.00	0.00008
30.00	-250.00	0.00008	40.00	-250.00	0.00008
50.00	-250.00	0.00007	60.00	-250.00	0.00007
70.00	-250.00	0.00007	80.00	-250.00	0.00007
90.00	-250.00	0.00006	100.00	-250.00	0.00006
-100.00	-240.00	0.00013	-90.00	-240.00	0.00013
-80.00	-240.00	0.00013	-70.00	-240.00	0.00012

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-60.00	-240.00	0.00012	-50.00	-240.00	0.00012
-40.00	-240.00	0.00011	-30.00	-240.00	0.00011
-25.00	-240.00	0.00011	-20.00	-240.00	0.00010
-17.00	-240.00	0.00010	-15.00	-240.00	0.00010
-13.00	-240.00	0.00010	-11.00	-240.00	0.00010
-9.00	-240.00	0.00010	9.00	-240.00	0.00009
11.00	-240.00	0.00009	13.00	-240.00	0.00009
15.00	-240.00	0.00009	17.00	-240.00	0.00009
20.00	-240.00	0.00009	25.00	-240.00	0.00009
30.00	-240.00	0.00008	40.00	-240.00	0.00008
50.00	-240.00	0.00008	60.00	-240.00	0.00007
70.00	-240.00	0.00007	80.00	-240.00	0.00007
90.00	-240.00	0.00007	100.00	-240.00	0.00006
-100.00	-230.00	0.00014	-90.00	-230.00	0.00014
-80.00	-230.00	0.00013	-70.00	-230.00	0.00013
-60.00	-230.00	0.00013	-50.00	-230.00	0.00012
-40.00	-230.00	0.00012	-30.00	-230.00	0.00011
-25.00	-230.00	0.00011	-20.00	-230.00	0.00011
-17.00	-230.00	0.00011	-15.00	-230.00	0.00011
-13.00	-230.00	0.00011	-11.00	-230.00	0.00011
-9.00	-230.00	0.00010	9.00	-230.00	0.00010
11.00	-230.00	0.00009	13.00	-230.00	0.00009
15.00	-230.00	0.00009	17.00	-230.00	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTS:
 PAGE 24

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00009	25.00	-230.00	0.00009
30.00	-230.00	0.00009	40.00	-230.00	0.00008
50.00	-230.00	0.00008	60.00	-230.00	0.00008
70.00	-230.00	0.00007	80.00	-230.00	0.00007
90.00	-230.00	0.00007	100.00	-230.00	0.00007
-100.00	-220.00	0.00014	-90.00	-220.00	0.00014
-80.00	-220.00	0.00014	-70.00	-220.00	0.00014
-60.00	-220.00	0.00013	-50.00	-220.00	0.00013
-40.00	-220.00	0.00012	-30.00	-220.00	0.00012
-25.00	-220.00	0.00012	-20.00	-220.00	0.00011
-17.00	-220.00	0.00011	-15.00	-220.00	0.00011

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-13.00	-220.00	0.00011	-11.00	-220.00	0.00011
-9.00	-220.00	0.00011	9.00	-220.00	0.00010
11.00	-220.00	0.00010	13.00	-220.00	0.00010
15.00	-220.00	0.00010	17.00	-220.00	0.00010
20.00	-220.00	0.00009	25.00	-220.00	0.00009
30.00	-220.00	0.00009	40.00	-220.00	0.00009
50.00	-220.00	0.00008	60.00	-220.00	0.00008
70.00	-220.00	0.00008	80.00	-220.00	0.00007
90.00	-220.00	0.00007	100.00	-220.00	0.00007
-100.00	-210.00	0.00015	-90.00	-210.00	0.00015
-80.00	-210.00	0.00015	-70.00	-210.00	0.00014
-60.00	-210.00	0.00014	-50.00	-210.00	0.00014
-40.00	-210.00	0.00013	-30.00	-210.00	0.00013
-25.00	-210.00	0.00012	-20.00	-210.00	0.00012
-17.00	-210.00	0.00012	-15.00	-210.00	0.00012
-13.00	-210.00	0.00012	-11.00	-210.00	0.00012
-9.00	-210.00	0.00011	9.00	-210.00	0.00010
11.00	-210.00	0.00010	13.00	-210.00	0.00010
15.00	-210.00	0.00010	17.00	-210.00	0.00010
20.00	-210.00	0.00010	25.00	-210.00	0.00010
30.00	-210.00	0.00009	40.00	-210.00	0.00009
50.00	-210.00	0.00009	60.00	-210.00	0.00008
70.00	-210.00	0.00008	80.00	-210.00	0.00008
90.00	-210.00	0.00007	100.00	-210.00	0.00007
-100.00	-200.00	0.00016	-90.00	-200.00	0.00016
-80.00	-200.00	0.00015	-70.00	-200.00	0.00015
-60.00	-200.00	0.00015	-50.00	-200.00	0.00014
-40.00	-200.00	0.00014	-30.00	-200.00	0.00013
-25.00	-200.00	0.00013	-20.00	-200.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTS:
 PAGE 25

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00012	-15.00	-200.00	0.00012
-13.00	-200.00	0.00012	-11.00	-200.00	0.00012
-9.00	-200.00	0.00012	9.00	-200.00	0.00011
11.00	-200.00	0.00011	13.00	-200.00	0.00011
15.00	-200.00	0.00011	17.00	-200.00	0.00011

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

20.00	-200.00	0.00010	25.00	-200.00	0.00010
30.00	-200.00	0.00010	40.00	-200.00	0.00009
50.00	-200.00	0.00009	60.00	-200.00	0.00009
70.00	-200.00	0.00008	80.00	-200.00	0.00008
90.00	-200.00	0.00008	100.00	-200.00	0.00008
-100.00	-190.00	0.00016	-90.00	-190.00	0.00016
-80.00	-190.00	0.00016	-70.00	-190.00	0.00016
-60.00	-190.00	0.00016	-50.00	-190.00	0.00015
-40.00	-190.00	0.00015	-30.00	-190.00	0.00014
-25.00	-190.00	0.00014	-20.00	-190.00	0.00013
-17.00	-190.00	0.00013	-15.00	-190.00	0.00013
-13.00	-190.00	0.00013	-11.00	-190.00	0.00013
-9.00	-190.00	0.00013	9.00	-190.00	0.00011
11.00	-190.00	0.00011	13.00	-190.00	0.00011
15.00	-190.00	0.00011	17.00	-190.00	0.00011
20.00	-190.00	0.00011	25.00	-190.00	0.00011
30.00	-190.00	0.00010	40.00	-190.00	0.00010
50.00	-190.00	0.00009	60.00	-190.00	0.00009
70.00	-190.00	0.00009	80.00	-190.00	0.00008
90.00	-190.00	0.00008	100.00	-190.00	0.00008
-100.00	-180.00	0.00017	-90.00	-180.00	0.00017
-80.00	-180.00	0.00017	-70.00	-180.00	0.00017
-60.00	-180.00	0.00016	-50.00	-180.00	0.00016
-40.00	-180.00	0.00015	-30.00	-180.00	0.00015
-25.00	-180.00	0.00014	-20.00	-180.00	0.00014
-17.00	-180.00	0.00014	-15.00	-180.00	0.00014
-13.00	-180.00	0.00014	-11.00	-180.00	0.00013
-9.00	-180.00	0.00013	9.00	-180.00	0.00012
11.00	-180.00	0.00012	13.00	-180.00	0.00012
15.00	-180.00	0.00012	17.00	-180.00	0.00012
20.00	-180.00	0.00011	25.00	-180.00	0.00011
30.00	-180.00	0.00011	40.00	-180.00	0.00010
50.00	-180.00	0.00010	60.00	-180.00	0.00009
70.00	-180.00	0.00009	80.00	-180.00	0.00009
90.00	-180.00	0.00008	100.00	-180.00	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	-170.00	0.00018	-90.00	-170.00	0.00018	
-80.00	-170.00	0.00018	-70.00	-170.00	0.00018	
-60.00	-170.00	0.00017	-50.00	-170.00	0.00017	
-40.00	-170.00	0.00016	-30.00	-170.00	0.00016	
-25.00	-170.00	0.00015	-20.00	-170.00	0.00015	
-17.00	-170.00	0.00015	-15.00	-170.00	0.00014	
-13.00	-170.00	0.00014	-11.00	-170.00	0.00014	
-9.00	-170.00	0.00014	9.00	-170.00	0.00013	
11.00	-170.00	0.00013	13.00	-170.00	0.00012	
15.00	-170.00	0.00012	17.00	-170.00	0.00012	
20.00	-170.00	0.00012	25.00	-170.00	0.00012	
30.00	-170.00	0.00011	40.00	-170.00	0.00011	
50.00	-170.00	0.00010	60.00	-170.00	0.00010	
70.00	-170.00	0.00009	80.00	-170.00	0.00009	
90.00	-170.00	0.00009	100.00	-170.00	0.00009	
-100.00	-160.00	0.00019	-90.00	-160.00	0.00019	
-80.00	-160.00	0.00019	-70.00	-160.00	0.00019	
-60.00	-160.00	0.00018	-50.00	-160.00	0.00018	
-40.00	-160.00	0.00017	-30.00	-160.00	0.00016	
-25.00	-160.00	0.00016	-20.00	-160.00	0.00016	
-17.00	-160.00	0.00015	-15.00	-160.00	0.00015	
-13.00	-160.00	0.00015	-11.00	-160.00	0.00015	
-9.00	-160.00	0.00015	9.00	-160.00	0.00013	
11.00	-160.00	0.00013	13.00	-160.00	0.00013	
15.00	-160.00	0.00013	17.00	-160.00	0.00013	
20.00	-160.00	0.00013	25.00	-160.00	0.00012	
30.00	-160.00	0.00012	40.00	-160.00	0.00011	
50.00	-160.00	0.00011	60.00	-160.00	0.00010	
70.00	-160.00	0.00010	80.00	-160.00	0.00010	
90.00	-160.00	0.00009	100.00	-160.00	0.00009	
-100.00	-150.00	0.00020	-90.00	-150.00	0.00020	
-80.00	-150.00	0.00020	-70.00	-150.00	0.00020	
-60.00	-150.00	0.00020	-50.00	-150.00	0.00019	
-40.00	-150.00	0.00018	-30.00	-150.00	0.00017	
-25.00	-150.00	0.00017	-20.00	-150.00	0.00017	
-17.00	-150.00	0.00016	-15.00	-150.00	0.00016	
-13.00	-150.00	0.00016	-11.00	-150.00	0.00016	
-9.00	-150.00	0.00016	9.00	-150.00	0.00014	
11.00	-150.00	0.00014	13.00	-150.00	0.00014	
15.00	-150.00	0.00014	17.00	-150.00	0.00013	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:28:19
**MODELOPTs:

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00013	25.00	-150.00	0.00013
30.00	-150.00	0.00013	40.00	-150.00	0.00012
50.00	-150.00	0.00011	60.00	-150.00	0.00011
70.00	-150.00	0.00010	80.00	-150.00	0.00010
90.00	-150.00	0.00010	100.00	-150.00	0.00009
-100.00	-140.00	0.00021	-90.00	-140.00	0.00021
-80.00	-140.00	0.00021	-70.00	-140.00	0.00021
-60.00	-140.00	0.00021	-50.00	-140.00	0.00020
-40.00	-140.00	0.00019	-30.00	-140.00	0.00019
-25.00	-140.00	0.00018	-20.00	-140.00	0.00018
-17.00	-140.00	0.00017	-15.00	-140.00	0.00017
-13.00	-140.00	0.00017	-11.00	-140.00	0.00017
-9.00	-140.00	0.00017	9.00	-140.00	0.00015
11.00	-140.00	0.00015	13.00	-140.00	0.00015
15.00	-140.00	0.00014	17.00	-140.00	0.00014
20.00	-140.00	0.00014	25.00	-140.00	0.00014
30.00	-140.00	0.00013	40.00	-140.00	0.00012
50.00	-140.00	0.00012	60.00	-140.00	0.00011
70.00	-140.00	0.00011	80.00	-140.00	0.00011
90.00	-140.00	0.00010	100.00	-140.00	0.00010
-100.00	-130.00	0.00022	-90.00	-130.00	0.00023
-80.00	-130.00	0.00023	-70.00	-130.00	0.00023
-60.00	-130.00	0.00022	-50.00	-130.00	0.00022
-40.00	-130.00	0.00021	-30.00	-130.00	0.00020
-25.00	-130.00	0.00019	-20.00	-130.00	0.00019
-17.00	-130.00	0.00018	-15.00	-130.00	0.00018
-13.00	-130.00	0.00018	-11.00	-130.00	0.00018
-9.00	-130.00	0.00018	9.00	-130.00	0.00016
11.00	-130.00	0.00016	13.00	-130.00	0.00015
15.00	-130.00	0.00015	17.00	-130.00	0.00015
20.00	-130.00	0.00015	25.00	-130.00	0.00014
30.00	-130.00	0.00014	40.00	-130.00	0.00013
50.00	-130.00	0.00013	60.00	-130.00	0.00012
70.00	-130.00	0.00011	80.00	-130.00	0.00011
90.00	-130.00	0.00011	100.00	-130.00	0.00010
-100.00	-120.00	0.00023	-90.00	-120.00	0.00024
-80.00	-120.00	0.00024	-70.00	-120.00	0.00024

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-60.00	-120.00	0.00024	-50.00	-120.00	0.00023
-40.00	-120.00	0.00022	-30.00	-120.00	0.00021
-25.00	-120.00	0.00021	-20.00	-120.00	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00020	-15.00	-120.00	0.00019
-13.00	-120.00	0.00019	-11.00	-120.00	0.00019
-9.00	-120.00	0.00019	9.00	-120.00	0.00017
11.00	-120.00	0.00017	13.00	-120.00	0.00016
15.00	-120.00	0.00016	17.00	-120.00	0.00016
20.00	-120.00	0.00016	25.00	-120.00	0.00015
30.00	-120.00	0.00015	40.00	-120.00	0.00014
50.00	-120.00	0.00013	60.00	-120.00	0.00013
70.00	-120.00	0.00012	80.00	-120.00	0.00012
90.00	-120.00	0.00011	100.00	-120.00	0.00011
-100.00	-110.00	0.00025	-90.00	-110.00	0.00025
-80.00	-110.00	0.00026	-70.00	-110.00	0.00026
-60.00	-110.00	0.00025	-50.00	-110.00	0.00025
-40.00	-110.00	0.00024	-30.00	-110.00	0.00023
-25.00	-110.00	0.00022	-20.00	-110.00	0.00021
-17.00	-110.00	0.00021	-15.00	-110.00	0.00021
-13.00	-110.00	0.00021	-11.00	-110.00	0.00020
-9.00	-110.00	0.00020	9.00	-110.00	0.00018
11.00	-110.00	0.00018	13.00	-110.00	0.00017
15.00	-110.00	0.00017	17.00	-110.00	0.00017
20.00	-110.00	0.00017	25.00	-110.00	0.00016
30.00	-110.00	0.00016	40.00	-110.00	0.00015
50.00	-110.00	0.00014	60.00	-110.00	0.00013
70.00	-110.00	0.00013	80.00	-110.00	0.00012
90.00	-110.00	0.00012	100.00	-110.00	0.00012
-100.00	-100.00	0.00026	-90.00	-100.00	0.00027
-80.00	-100.00	0.00027	-70.00	-100.00	0.00027
-60.00	-100.00	0.00027	-50.00	-100.00	0.00026
-40.00	-100.00	0.00025	-30.00	-100.00	0.00024
-25.00	-100.00	0.00024	-20.00	-100.00	0.00023
-17.00	-100.00	0.00023	-15.00	-100.00	0.00022

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-13.00	-100.00	0.00022	-11.00	-100.00	0.00022
-9.00	-100.00	0.00021	9.00	-100.00	0.00019
11.00	-100.00	0.00019	13.00	-100.00	0.00018
15.00	-100.00	0.00018	17.00	-100.00	0.00018
20.00	-100.00	0.00018	25.00	-100.00	0.00017
30.00	-100.00	0.00016	40.00	-100.00	0.00016
50.00	-100.00	0.00015	60.00	-100.00	0.00014
70.00	-100.00	0.00013	80.00	-100.00	0.00013
90.00	-100.00	0.00013	100.00	-100.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00028	-90.00	-90.00	0.00028
-80.00	-90.00	0.00029	-70.00	-90.00	0.00029
-60.00	-90.00	0.00029	-50.00	-90.00	0.00028
-40.00	-90.00	0.00027	-30.00	-90.00	0.00026
-25.00	-90.00	0.00025	-20.00	-90.00	0.00025
-17.00	-90.00	0.00024	-15.00	-90.00	0.00024
-13.00	-90.00	0.00024	-11.00	-90.00	0.00023
-9.00	-90.00	0.00023	9.00	-90.00	0.00020
11.00	-90.00	0.00020	13.00	-90.00	0.00020
15.00	-90.00	0.00019	17.00	-90.00	0.00019
20.00	-90.00	0.00019	25.00	-90.00	0.00018
30.00	-90.00	0.00017	40.00	-90.00	0.00016
50.00	-90.00	0.00016	60.00	-90.00	0.00015
70.00	-90.00	0.00014	80.00	-90.00	0.00014
90.00	-90.00	0.00013	100.00	-90.00	0.00013
-100.00	-80.00	0.00029	-90.00	-80.00	0.00030
-80.00	-80.00	0.00031	-70.00	-80.00	0.00031
-60.00	-80.00	0.00031	-50.00	-80.00	0.00031
-40.00	-80.00	0.00030	-30.00	-80.00	0.00028
-25.00	-80.00	0.00027	-20.00	-80.00	0.00027
-17.00	-80.00	0.00026	-15.00	-80.00	0.00026
-13.00	-80.00	0.00025	-11.00	-80.00	0.00025
-9.00	-80.00	0.00025	9.00	-80.00	0.00022
11.00	-80.00	0.00021	13.00	-80.00	0.00021
15.00	-80.00	0.00021	17.00	-80.00	0.00020

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

20.00	-80.00	0.00020	25.00	-80.00	0.00019
30.00	-80.00	0.00019	40.00	-80.00	0.00018
50.00	-80.00	0.00017	60.00	-80.00	0.00016
70.00	-80.00	0.00015	80.00	-80.00	0.00015
90.00	-80.00	0.00014	100.00	-80.00	0.00014
-100.00	-70.00	0.00031	-90.00	-70.00	0.00032
-80.00	-70.00	0.00033	-70.00	-70.00	0.00033
-60.00	-70.00	0.00034	-50.00	-70.00	0.00033
-40.00	-70.00	0.00032	-30.00	-70.00	0.00030
-25.00	-70.00	0.00030	-20.00	-70.00	0.00029
-17.00	-70.00	0.00028	-15.00	-70.00	0.00028
-13.00	-70.00	0.00027	-11.00	-70.00	0.00027
-9.00	-70.00	0.00027	9.00	-70.00	0.00023
11.00	-70.00	0.00023	13.00	-70.00	0.00022
15.00	-70.00	0.00022	17.00	-70.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00021	25.00	-70.00	0.00021
30.00	-70.00	0.00020	40.00	-70.00	0.00019
50.00	-70.00	0.00018	60.00	-70.00	0.00017
70.00	-70.00	0.00016	80.00	-70.00	0.00016
90.00	-70.00	0.00015	100.00	-70.00	0.00015
-100.00	-60.00	0.00033	-90.00	-60.00	0.00034
-80.00	-60.00	0.00035	-70.00	-60.00	0.00036
-60.00	-60.00	0.00036	-50.00	-60.00	0.00036
-40.00	-60.00	0.00035	-30.00	-60.00	0.00033
-25.00	-60.00	0.00032	-20.00	-60.00	0.00031
-17.00	-60.00	0.00031	-15.00	-60.00	0.00030
-13.00	-60.00	0.00030	-11.00	-60.00	0.00029
-9.00	-60.00	0.00029	9.00	-60.00	0.00025
11.00	-60.00	0.00025	13.00	-60.00	0.00024
15.00	-60.00	0.00024	17.00	-60.00	0.00023
20.00	-60.00	0.00023	25.00	-60.00	0.00022
30.00	-60.00	0.00021	40.00	-60.00	0.00020
50.00	-60.00	0.00019	60.00	-60.00	0.00018
70.00	-60.00	0.00017	80.00	-60.00	0.00017

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

90.00	-60.00	0.00016	100.00	-60.00	0.00015
-100.00	-50.00	0.00035	-90.00	-50.00	0.00036
-80.00	-50.00	0.00038	-70.00	-50.00	0.00039
-60.00	-50.00	0.00039	-50.00	-50.00	0.00039
-40.00	-50.00	0.00038	-30.00	-50.00	0.00036
-25.00	-50.00	0.00035	-20.00	-50.00	0.00034
-17.00	-50.00	0.00033	-15.00	-50.00	0.00033
-13.00	-50.00	0.00032	-11.00	-50.00	0.00032
-9.00	-50.00	0.00031	9.00	-50.00	0.00027
11.00	-50.00	0.00026	13.00	-50.00	0.00026
15.00	-50.00	0.00026	17.00	-50.00	0.00025
20.00	-50.00	0.00025	25.00	-50.00	0.00024
30.00	-50.00	0.00023	40.00	-50.00	0.00021
50.00	-50.00	0.00020	60.00	-50.00	0.00019
70.00	-50.00	0.00018	80.00	-50.00	0.00018
90.00	-50.00	0.00017	100.00	-50.00	0.00016
-100.00	-40.00	0.00037	-90.00	-40.00	0.00039
-80.00	-40.00	0.00040	-70.00	-40.00	0.00042
-60.00	-40.00	0.00042	-50.00	-40.00	0.00042
-40.00	-40.00	0.00041	-30.00	-40.00	0.00039
-25.00	-40.00	0.00038	-20.00	-40.00	0.00037

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:

PAGE 31

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00036	-15.00	-40.00	0.00036
-13.00	-40.00	0.00035	-11.00	-40.00	0.00035
-9.00	-40.00	0.00034	9.00	-40.00	0.00029
11.00	-40.00	0.00029	13.00	-40.00	0.00028
15.00	-40.00	0.00028	17.00	-40.00	0.00027
20.00	-40.00	0.00027	25.00	-40.00	0.00025
30.00	-40.00	0.00025	40.00	-40.00	0.00023
50.00	-40.00	0.00022	60.00	-40.00	0.00021
70.00	-40.00	0.00020	80.00	-40.00	0.00019
90.00	-40.00	0.00018	100.00	-40.00	0.00017
-100.00	-30.00	0.00040	-90.00	-30.00	0.00041
-80.00	-30.00	0.00043	-70.00	-30.00	0.00045
-60.00	-30.00	0.00046	-50.00	-30.00	0.00046

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-40.00	-30.00	0.00045	-30.00	-30.00	0.00043
-25.00	-30.00	0.00042	-20.00	-30.00	0.00041
-17.00	-30.00	0.00040	-15.00	-30.00	0.00039
-13.00	-30.00	0.00039	-11.00	-30.00	0.00038
-9.00	-30.00	0.00037	9.00	-30.00	0.00032
11.00	-30.00	0.00031	13.00	-30.00	0.00031
15.00	-30.00	0.00030	17.00	-30.00	0.00029
20.00	-30.00	0.00029	25.00	-30.00	0.00028
30.00	-30.00	0.00026	40.00	-30.00	0.00025
50.00	-30.00	0.00023	60.00	-30.00	0.00022
70.00	-30.00	0.00021	80.00	-30.00	0.00020
90.00	-30.00	0.00019	100.00	-30.00	0.00018
-100.00	-20.00	0.00043	-90.00	-20.00	0.00044
-80.00	-20.00	0.00046	-70.00	-20.00	0.00048
-60.00	-20.00	0.00050	-50.00	-20.00	0.00051
-40.00	-20.00	0.00050	-30.00	-20.00	0.00048
-25.00	-20.00	0.00046	-20.00	-20.00	0.00045
-17.00	-20.00	0.00044	-15.00	-20.00	0.00043
-13.00	-20.00	0.00042	-11.00	-20.00	0.00042
-9.00	-20.00	0.00041	9.00	-20.00	0.00035
11.00	-20.00	0.00034	13.00	-20.00	0.00033
15.00	-20.00	0.00033	17.00	-20.00	0.00032
20.00	-20.00	0.00031	25.00	-20.00	0.00030
30.00	-20.00	0.00029	40.00	-20.00	0.00027
50.00	-20.00	0.00025	60.00	-20.00	0.00024
70.00	-20.00	0.00023	80.00	-20.00	0.00022
90.00	-20.00	0.00021	100.00	-20.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 32

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00046	-90.00	-10.00	0.00048
-80.00	-10.00	0.00050	-70.00	-10.00	0.00052
-60.00	-10.00	0.00054	-50.00	-10.00	0.00056
-40.00	-10.00	0.00055	-30.00	-10.00	0.00053
-25.00	-10.00	0.00052	-20.00	-10.00	0.00050
-17.00	-10.00	0.00049	-15.00	-10.00	0.00048
-13.00	-10.00	0.00047	-11.00	-10.00	0.00046

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-9.00	-10.00	0.00045	9.00	-10.00	0.00038
11.00	-10.00	0.00037	13.00	-10.00	0.00036
15.00	-10.00	0.00036	17.00	-10.00	0.00035
20.00	-10.00	0.00034	25.00	-10.00	0.00032
30.00	-10.00	0.00031	40.00	-10.00	0.00029
50.00	-10.00	0.00027	60.00	-10.00	0.00026
70.00	-10.00	0.00025	80.00	-10.00	0.00023
90.00	-10.00	0.00022	100.00	-10.00	0.00020
-100.00	0.00	0.00050	-90.00	0.00	0.00052
-80.00	0.00	0.00054	-70.00	0.00	0.00057
-60.00	0.00	0.00059	-50.00	0.00	0.00061
-40.00	0.00	0.00061	-30.00	0.00	0.00059
-25.00	0.00	0.00058	-20.00	0.00	0.00056
-17.00	0.00	0.00054	-15.00	0.00	0.00053
-13.00	0.00	0.00052	-11.00	0.00	0.00051
-9.00	0.00	0.00050	9.00	0.00	0.00042
11.00	0.00	0.00041	13.00	0.00	0.00040
15.00	0.00	0.00039	17.00	0.00	0.00038
20.00	0.00	0.00037	25.00	0.00	0.00035
30.00	0.00	0.00034	40.00	0.00	0.00032
50.00	0.00	0.00030	60.00	0.00	0.00028
70.00	0.00	0.00027	80.00	0.00	0.00025
90.00	0.00	0.00023	100.00	0.00	0.00021
-100.00	10.00	0.00054	-90.00	10.00	0.00056
-80.00	10.00	0.00059	-70.00	10.00	0.00062
-60.00	10.00	0.00065	-50.00	10.00	0.00067
-40.00	10.00	0.00068	-30.00	10.00	0.00066
-25.00	10.00	0.00065	-20.00	10.00	0.00062
-17.00	10.00	0.00061	-15.00	10.00	0.00060
-13.00	10.00	0.00059	-11.00	10.00	0.00057
-9.00	10.00	0.00056	9.00	10.00	0.00046
11.00	10.00	0.00045	13.00	10.00	0.00044
15.00	10.00	0.00043	17.00	10.00	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 33
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00041	25.00	10.00	0.00039

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

30.00	10.00	0.00037	40.00	10.00	0.00035
50.00	10.00	0.00033	60.00	10.00	0.00031
70.00	10.00	0.00029	80.00	10.00	0.00027
90.00	10.00	0.00024	100.00	10.00	0.00022
-100.00	20.00	0.00058	-90.00	20.00	0.00061
-80.00	20.00	0.00064	-70.00	20.00	0.00067
-60.00	20.00	0.00071	-50.00	20.00	0.00074
-40.00	20.00	0.00076	-30.00	20.00	0.00075
-25.00	20.00	0.00073	-20.00	20.00	0.00070
-17.00	20.00	0.00069	-15.00	20.00	0.00067
-13.00	20.00	0.00066	-11.00	20.00	0.00065
-9.00	20.00	0.00063	9.00	20.00	0.00051
11.00	20.00	0.00050	13.00	20.00	0.00049
15.00	20.00	0.00048	17.00	20.00	0.00047
20.00	20.00	0.00045	25.00	20.00	0.00043
30.00	20.00	0.00041	40.00	20.00	0.00038
50.00	20.00	0.00036	60.00	20.00	0.00034
70.00	20.00	0.00031	80.00	20.00	0.00029
90.00	20.00	0.00026	100.00	20.00	0.00023
-100.00	30.00	0.00064	-90.00	30.00	0.00067
-80.00	30.00	0.00070	-70.00	30.00	0.00074
-60.00	30.00	0.00078	-50.00	30.00	0.00082
-40.00	30.00	0.00085	-30.00	30.00	0.00085
-25.00	30.00	0.00083	-20.00	30.00	0.00080
-17.00	30.00	0.00078	-15.00	30.00	0.00077
-13.00	30.00	0.00075	-11.00	30.00	0.00074
-9.00	30.00	0.00072	9.00	30.00	0.00057
11.00	30.00	0.00056	13.00	30.00	0.00054
15.00	30.00	0.00053	17.00	30.00	0.00052
20.00	30.00	0.00050	25.00	30.00	0.00048
30.00	30.00	0.00046	40.00	30.00	0.00042
50.00	30.00	0.00040	60.00	30.00	0.00037
70.00	30.00	0.00034	80.00	30.00	0.00030
90.00	30.00	0.00026	100.00	30.00	0.00023
-100.00	40.00	0.00069	-90.00	40.00	0.00073
-80.00	40.00	0.00077	-70.00	40.00	0.00082
-60.00	40.00	0.00086	-50.00	40.00	0.00091
-40.00	40.00	0.00096	-30.00	40.00	0.00097
-25.00	40.00	0.00095	-20.00	40.00	0.00092

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:28:19

**MODELOPTs:

PAGE 34

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00090	-15.00	40.00	0.00088
-13.00	40.00	0.00086	-11.00	40.00	0.00084
-9.00	40.00	0.00082	9.00	40.00	0.00064
11.00	40.00	0.00062	13.00	40.00	0.00061
15.00	40.00	0.00059	17.00	40.00	0.00058
20.00	40.00	0.00056	25.00	40.00	0.00053
30.00	40.00	0.00051	40.00	40.00	0.00047
50.00	40.00	0.00044	60.00	40.00	0.00040
70.00	40.00	0.00036	80.00	40.00	0.00031
90.00	40.00	0.00027	100.00	40.00	0.00023
-100.00	50.00	0.00075	-90.00	50.00	0.00080
-80.00	50.00	0.00085	-70.00	50.00	0.00091
-60.00	50.00	0.00096	-50.00	50.00	0.00102
-40.00	50.00	0.00108	-30.00	50.00	0.00111
-25.00	50.00	0.00110	-20.00	50.00	0.00107
-17.00	50.00	0.00104	-15.00	50.00	0.00102
-13.00	50.00	0.00100	-11.00	50.00	0.00098
-9.00	50.00	0.00095	9.00	50.00	0.00073
11.00	50.00	0.00071	13.00	50.00	0.00069
15.00	50.00	0.00067	17.00	50.00	0.00065
20.00	50.00	0.00063	25.00	50.00	0.00060
30.00	50.00	0.00057	40.00	50.00	0.00053
50.00	50.00	0.00048	60.00	50.00	0.00043
70.00	50.00	0.00038	80.00	50.00	0.00033
90.00	50.00	0.00028	100.00	50.00	0.00024
-100.00	60.00	0.00082	-90.00	60.00	0.00088
-80.00	60.00	0.00094	-70.00	60.00	0.00101
-60.00	60.00	0.00108	-50.00	60.00	0.00115
-40.00	60.00	0.00122	-30.00	60.00	0.00127
-25.00	60.00	0.00127	-20.00	60.00	0.00125
-17.00	60.00	0.00122	-15.00	60.00	0.00120
-13.00	60.00	0.00117	-11.00	60.00	0.00114
-9.00	60.00	0.00111	9.00	60.00	0.00083
11.00	60.00	0.00081	13.00	60.00	0.00078
15.00	60.00	0.00076	17.00	60.00	0.00074
20.00	60.00	0.00071	25.00	60.00	0.00068
30.00	60.00	0.00064	40.00	60.00	0.00059
50.00	60.00	0.00053	60.00	60.00	0.00046
70.00	60.00	0.00040	80.00	60.00	0.00034

90.00 60.00 0.00028 100.00 60.00 0.00024

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:
 PAGE 35

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00088	-90.00	70.00	0.00096
-80.00	70.00	0.00104	-70.00	70.00	0.00113
-60.00	70.00	0.00121	-50.00	70.00	0.00130
-40.00	70.00	0.00139	-30.00	70.00	0.00146
-25.00	70.00	0.00148	-20.00	70.00	0.00147
-17.00	70.00	0.00144	-15.00	70.00	0.00142
-13.00	70.00	0.00139	-11.00	70.00	0.00135
-9.00	70.00	0.00131	9.00	70.00	0.00096
11.00	70.00	0.00092	13.00	70.00	0.00090
15.00	70.00	0.00087	17.00	70.00	0.00085
20.00	70.00	0.00081	25.00	70.00	0.00077
30.00	70.00	0.00073	40.00	70.00	0.00066
50.00	70.00	0.00058	60.00	70.00	0.00049
70.00	70.00	0.00041	80.00	70.00	0.00034
90.00	70.00	0.00028	100.00	70.00	0.00024
-100.00	80.00	0.00094	-90.00	80.00	0.00104
-80.00	80.00	0.00114	-70.00	80.00	0.00125
-60.00	80.00	0.00136	-50.00	80.00	0.00148
-40.00	80.00	0.00159	-30.00	80.00	0.00169
-25.00	80.00	0.00173	-20.00	80.00	0.00174
-17.00	80.00	0.00172	-15.00	80.00	0.00169
-13.00	80.00	0.00166	-11.00	80.00	0.00162
-9.00	80.00	0.00157	9.00	80.00	0.00111
11.00	80.00	0.00107	13.00	80.00	0.00103
15.00	80.00	0.00100	17.00	80.00	0.00098
20.00	80.00	0.00094	25.00	80.00	0.00089
30.00	80.00	0.00084	40.00	80.00	0.00073
50.00	80.00	0.00062	60.00	80.00	0.00051
70.00	80.00	0.00042	80.00	80.00	0.00034
90.00	80.00	0.00029	100.00	80.00	0.00024
-100.00	90.00	0.00100	-90.00	90.00	0.00112
-80.00	90.00	0.00125	-70.00	90.00	0.00138
-60.00	90.00	0.00153	-50.00	90.00	0.00168

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-40.00	90.00	0.00183	-30.00	90.00	0.00197
-25.00	90.00	0.00203	-20.00	90.00	0.00206
-17.00	90.00	0.00206	-15.00	90.00	0.00204
-13.00	90.00	0.00201	-11.00	90.00	0.00196
-9.00	90.00	0.00191	9.00	90.00	0.00130
11.00	90.00	0.00125	13.00	90.00	0.00121
15.00	90.00	0.00117	17.00	90.00	0.00113

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00109	25.00	90.00	0.00102
30.00	90.00	0.00095	40.00	90.00	0.00080
50.00	90.00	0.00065	60.00	90.00	0.00053
70.00	90.00	0.00043	80.00	90.00	0.00035
90.00	90.00	0.00029	100.00	90.00	0.00025
-100.00	100.00	0.00106	-90.00	100.00	0.00119
-80.00	100.00	0.00135	-70.00	100.00	0.00151
-60.00	100.00	0.00170	-50.00	100.00	0.00190
-40.00	100.00	0.00211	-30.00	100.00	0.00230
-25.00	100.00	0.00238	-20.00	100.00	0.00244
-17.00	100.00	0.00246	-15.00	100.00	0.00246
-13.00	100.00	0.00244	-11.00	100.00	0.00240
-9.00	100.00	0.00235	9.00	100.00	0.00153
11.00	100.00	0.00147	13.00	100.00	0.00142
15.00	100.00	0.00137	17.00	100.00	0.00133
20.00	100.00	0.00127	25.00	100.00	0.00116
30.00	100.00	0.00105	40.00	100.00	0.00085
50.00	100.00	0.00068	60.00	100.00	0.00054
70.00	100.00	0.00044	80.00	100.00	0.00036
90.00	100.00	0.00030	100.00	100.00	0.00026
-100.00	110.00	0.00110	-90.00	110.00	0.00126
-80.00	110.00	0.00144	-70.00	110.00	0.00164
-60.00	110.00	0.00187	-50.00	110.00	0.00212
-40.00	110.00	0.00241	-30.00	110.00	0.00269
-25.00	110.00	0.00281	-20.00	110.00	0.00291
-17.00	110.00	0.00295	-15.00	110.00	0.00297
-13.00	110.00	0.00297	-11.00	110.00	0.00295

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-9.00	110.00	0.00290	9.00	110.00	0.00182
11.00	110.00	0.00174	13.00	110.00	0.00167
15.00	110.00	0.00161	17.00	110.00	0.00154
20.00	110.00	0.00144	25.00	110.00	0.00128
30.00	110.00	0.00113	40.00	110.00	0.00089
50.00	110.00	0.00070	60.00	110.00	0.00056
70.00	110.00	0.00046	80.00	110.00	0.00038
90.00	110.00	0.00032	100.00	110.00	0.00027
-100.00	120.00	0.00113	-90.00	120.00	0.00130
-80.00	120.00	0.00151	-70.00	120.00	0.00174
-60.00	120.00	0.00202	-50.00	120.00	0.00234
-40.00	120.00	0.00269	-30.00	120.00	0.00308
-25.00	120.00	0.00328	-20.00	120.00	0.00345

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00354	-15.00	120.00	0.00359
-13.00	120.00	0.00362	-11.00	120.00	0.00363
-9.00	120.00	0.00361	9.00	120.00	0.00217
11.00	120.00	0.00205	13.00	120.00	0.00193
15.00	120.00	0.00182	17.00	120.00	0.00172
20.00	120.00	0.00158	25.00	120.00	0.00137
30.00	120.00	0.00121	40.00	120.00	0.00094
50.00	120.00	0.00074	60.00	120.00	0.00059
70.00	120.00	0.00048	80.00	120.00	0.00039
90.00	120.00	0.00033	100.00	120.00	0.00028
-100.00	130.00	0.00113	-90.00	130.00	0.00132
-80.00	130.00	0.00154	-70.00	130.00	0.00180
-60.00	130.00	0.00212	-50.00	130.00	0.00249
-40.00	130.00	0.00292	-30.00	130.00	0.00341
-25.00	130.00	0.00369	-20.00	130.00	0.00398
-17.00	130.00	0.00415	-15.00	130.00	0.00426
-13.00	130.00	0.00438	-11.00	130.00	0.00450
-9.00	130.00	0.00461	9.00	130.00	0.00249
11.00	130.00	0.00230	13.00	130.00	0.00214
15.00	130.00	0.00200	17.00	130.00	0.00188
20.00	130.00	0.00171	25.00	130.00	0.00149

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

30.00	130.00	0.00130	40.00	130.00	0.00100
50.00	130.00	0.00078	60.00	130.00	0.00062
70.00	130.00	0.00050	80.00	130.00	0.00041
90.00	130.00	0.00035	100.00	130.00	0.00030
-100.00	140.00	0.00112	-90.00	140.00	0.00131
-80.00	140.00	0.00154	-70.00	140.00	0.00182
-60.00	140.00	0.00216	-50.00	140.00	0.00257
-40.00	140.00	0.00304	-30.00	140.00	0.00360
-25.00	140.00	0.00392	-20.00	140.00	0.00428
-17.00	140.00	0.00451	-15.00	140.00	0.00468
-13.00	140.00	0.00486	-11.00	140.00	0.00507
-9.00	140.00	0.00533	9.00	140.00	0.00304
11.00	140.00	0.00273	13.00	140.00	0.00250
15.00	140.00	0.00231	17.00	140.00	0.00214
20.00	140.00	0.00194	25.00	140.00	0.00166
30.00	140.00	0.00143	40.00	140.00	0.00108
50.00	140.00	0.00083	60.00	140.00	0.00065
70.00	140.00	0.00053	80.00	140.00	0.00044
90.00	140.00	0.00037	100.00	140.00	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00109	-90.00	150.00	0.00127
-80.00	150.00	0.00151	-70.00	150.00	0.00179
-60.00	150.00	0.00214	-50.00	150.00	0.00256
-40.00	150.00	0.00305	-30.00	150.00	0.00361
-25.00	150.00	0.00393	-20.00	150.00	0.00429
-17.00	150.00	0.00454	-15.00	150.00	0.00472
-13.00	150.00	0.00492	-11.00	150.00	0.00518
-9.00	150.00	0.00555	9.00	150.00	0.00421
11.00	150.00	0.00368	13.00	150.00	0.00329
15.00	150.00	0.00297	17.00	150.00	0.00271
20.00	150.00	0.00239	25.00	150.00	0.00197
30.00	150.00	0.00166	40.00	150.00	0.00121
50.00	150.00	0.00091	60.00	150.00	0.00071
70.00	150.00	0.00057	80.00	150.00	0.00048
90.00	150.00	0.00040	100.00	150.00	0.00035

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-100.00	160.00	0.00104	-90.00	160.00	0.00122
-80.00	160.00	0.00144	-70.00	160.00	0.00172
-60.00	160.00	0.00206	-50.00	160.00	0.00247
-40.00	160.00	0.00295	-30.00	160.00	0.00350
-25.00	160.00	0.00381	-20.00	160.00	0.00419
-17.00	160.00	0.00448	-15.00	160.00	0.00472
-13.00	160.00	0.00502	-11.00	160.00	0.00541
-9.00	160.00	0.00597	9.00	160.00	0.00523
11.00	160.00	0.00459	13.00	160.00	0.00409
15.00	160.00	0.00368	17.00	160.00	0.00333
20.00	160.00	0.00290	25.00	160.00	0.00235
30.00	160.00	0.00194	40.00	160.00	0.00137
50.00	160.00	0.00102	60.00	160.00	0.00079
70.00	160.00	0.00064	80.00	160.00	0.00052
90.00	160.00	0.00044	100.00	160.00	0.00038
-100.00	170.00	0.00097	-90.00	170.00	0.00114
-80.00	170.00	0.00134	-70.00	170.00	0.00160
-60.00	170.00	0.00192	-50.00	170.00	0.00231
-40.00	170.00	0.00277	-30.00	170.00	0.00331
-25.00	170.00	0.00364	-20.00	170.00	0.00408
-17.00	170.00	0.00445	-15.00	170.00	0.00477
-13.00	170.00	0.00517	-11.00	170.00	0.00568
-9.00	170.00	0.00637	9.00	170.00	0.00598
11.00	170.00	0.00528	13.00	170.00	0.00472
15.00	170.00	0.00425	17.00	170.00	0.00385

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00335	25.00	170.00	0.00270
30.00	170.00	0.00221	40.00	170.00	0.00155
50.00	170.00	0.00115	60.00	170.00	0.00089
70.00	170.00	0.00071	80.00	170.00	0.00058
90.00	170.00	0.00048	100.00	170.00	0.00041
-100.00	180.00	0.00089	-90.00	180.00	0.00104
-80.00	180.00	0.00122	-70.00	180.00	0.00145
-60.00	180.00	0.00173	-50.00	180.00	0.00208
-40.00	180.00	0.00252	-30.00	180.00	0.00308

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-25.00	180.00	0.00345	-20.00	180.00	0.00396
-17.00	180.00	0.00439	-15.00	180.00	0.00477
-13.00	180.00	0.00523	-11.00	180.00	0.00582
-9.00	180.00	0.00658	9.00	180.00	0.00648
11.00	180.00	0.00576	13.00	180.00	0.00517
15.00	180.00	0.00467	17.00	180.00	0.00423
20.00	180.00	0.00368	25.00	180.00	0.00296
30.00	180.00	0.00243	40.00	180.00	0.00172
50.00	180.00	0.00128	60.00	180.00	0.00099
70.00	180.00	0.00079	80.00	180.00	0.00064
90.00	180.00	0.00053	100.00	180.00	0.00044
-100.00	190.00	0.00080	-90.00	190.00	0.00092
-80.00	190.00	0.00108	-70.00	190.00	0.00128
-60.00	190.00	0.00152	-50.00	190.00	0.00182
-40.00	190.00	0.00222	-30.00	190.00	0.00279
-25.00	190.00	0.00320	-20.00	190.00	0.00377
-17.00	190.00	0.00424	-15.00	190.00	0.00465
-13.00	190.00	0.00515	-11.00	190.00	0.00578
-9.00	190.00	0.00658	9.00	190.00	0.00677
11.00	190.00	0.00604	13.00	190.00	0.00544
15.00	190.00	0.00493	17.00	190.00	0.00448
20.00	190.00	0.00390	25.00	190.00	0.00317
30.00	190.00	0.00262	40.00	190.00	0.00189
50.00	190.00	0.00141	60.00	190.00	0.00109
70.00	190.00	0.00086	80.00	190.00	0.00069
90.00	190.00	0.00057	100.00	190.00	0.00047
-100.00	200.00	0.00070	-90.00	200.00	0.00080
-80.00	200.00	0.00093	-70.00	200.00	0.00109
-60.00	200.00	0.00129	-50.00	200.00	0.00155
-40.00	200.00	0.00190	-30.00	200.00	0.00244
-25.00	200.00	0.00286	-20.00	200.00	0.00347

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00397	-15.00	200.00	0.00438
-13.00	200.00	0.00489	-11.00	200.00	0.00552
-9.00	200.00	0.00634	9.00	200.00	0.00688

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

11.00	200.00	0.00614	13.00	200.00	0.00555
15.00	200.00	0.00505	17.00	200.00	0.00461
20.00	200.00	0.00406	25.00	200.00	0.00333
30.00	200.00	0.00279	40.00	200.00	0.00203
50.00	200.00	0.00153	60.00	200.00	0.00117
70.00	200.00	0.00092	80.00	200.00	0.00074
90.00	200.00	0.00061	100.00	200.00	0.00050
-100.00	210.00	0.00061	-90.00	210.00	0.00069
-80.00	210.00	0.00079	-70.00	210.00	0.00091
-60.00	210.00	0.00106	-50.00	210.00	0.00127
-40.00	210.00	0.00157	-30.00	210.00	0.00207
-25.00	210.00	0.00246	-20.00	210.00	0.00304
-17.00	210.00	0.00352	-15.00	210.00	0.00393
-13.00	210.00	0.00443	-11.00	210.00	0.00505
-9.00	210.00	0.00586	9.00	210.00	0.00683
11.00	210.00	0.00612	13.00	210.00	0.00556
15.00	210.00	0.00510	17.00	210.00	0.00470
20.00	210.00	0.00418	25.00	210.00	0.00347
30.00	210.00	0.00291	40.00	210.00	0.00212
50.00	210.00	0.00160	60.00	210.00	0.00124
70.00	210.00	0.00098	80.00	210.00	0.00078
90.00	210.00	0.00064	100.00	210.00	0.00053
-100.00	220.00	0.00053	-90.00	220.00	0.00059
-80.00	220.00	0.00066	-70.00	220.00	0.00076
-60.00	220.00	0.00088	-50.00	220.00	0.00104
-40.00	220.00	0.00129	-30.00	220.00	0.00172
-25.00	220.00	0.00206	-20.00	220.00	0.00257
-17.00	220.00	0.00299	-15.00	220.00	0.00335
-13.00	220.00	0.00378	-11.00	220.00	0.00433
-9.00	220.00	0.00504	9.00	220.00	0.00673
11.00	220.00	0.00609	13.00	220.00	0.00555
15.00	220.00	0.00512	17.00	220.00	0.00473
20.00	220.00	0.00423	25.00	220.00	0.00353
30.00	220.00	0.00298	40.00	220.00	0.00218
50.00	220.00	0.00166	60.00	220.00	0.00129
70.00	220.00	0.00102	80.00	220.00	0.00082
90.00	220.00	0.00067	100.00	220.00	0.00056

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

02NCRA_NAPA95-300 DPM TRAV ANN N-S Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00045	-90.00	230.00	0.00050
-80.00	230.00	0.00056	-70.00	230.00	0.00063
-60.00	230.00	0.00073	-50.00	230.00	0.00087
-40.00	230.00	0.00109	-30.00	230.00	0.00149
-25.00	230.00	0.00181	-20.00	230.00	0.00227
-17.00	230.00	0.00265	-15.00	230.00	0.00296
-13.00	230.00	0.00334	-11.00	230.00	0.00381
-9.00	230.00	0.00439	9.00	230.00	0.00629
11.00	230.00	0.00579	13.00	230.00	0.00535
15.00	230.00	0.00495	17.00	230.00	0.00460
20.00	230.00	0.00414	25.00	230.00	0.00349
30.00	230.00	0.00296	40.00	230.00	0.00220
50.00	230.00	0.00168	60.00	230.00	0.00131
70.00	230.00	0.00105	80.00	230.00	0.00085
90.00	230.00	0.00070	100.00	230.00	0.00058
-100.00	240.00	0.00038	-90.00	240.00	0.00042
-80.00	240.00	0.00047	-70.00	240.00	0.00053
-60.00	240.00	0.00061	-50.00	240.00	0.00075
-40.00	240.00	0.00097	-30.00	240.00	0.00138
-25.00	240.00	0.00171	-20.00	240.00	0.00218
-17.00	240.00	0.00257	-15.00	240.00	0.00289
-13.00	240.00	0.00326	-11.00	240.00	0.00369
-9.00	240.00	0.00417	9.00	240.00	0.00515
11.00	240.00	0.00489	13.00	240.00	0.00462
15.00	240.00	0.00436	17.00	240.00	0.00411
20.00	240.00	0.00376	25.00	240.00	0.00325
30.00	240.00	0.00281	40.00	240.00	0.00214
50.00	240.00	0.00165	60.00	240.00	0.00131
70.00	240.00	0.00105	80.00	240.00	0.00086
90.00	240.00	0.00071	100.00	240.00	0.00059
-100.00	250.00	0.00033	-90.00	250.00	0.00036
-80.00	250.00	0.00040	-70.00	250.00	0.00045
-60.00	250.00	0.00054	-50.00	250.00	0.00068
-40.00	250.00	0.00092	-30.00	250.00	0.00135
-25.00	250.00	0.00169	-20.00	250.00	0.00215
-17.00	250.00	0.00250	-15.00	250.00	0.00276
-13.00	250.00	0.00305	-11.00	250.00	0.00335
-9.00	250.00	0.00365	9.00	250.00	0.00413
11.00	250.00	0.00399	13.00	250.00	0.00383
15.00	250.00	0.00367	17.00	250.00	0.00351

04/20/08

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

*** Maximum train overlap at North/South Bound Direction

16:28:19

**MODELOPTs:

PAGE 42

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00327	25.00	250.00	0.00290
30.00	250.00	0.00257	40.00	250.00	0.00201
50.00	250.00	0.00159	60.00	250.00	0.00127
70.00	250.00	0.00104	80.00	250.00	0.00086
90.00	250.00	0.00071	100.00	250.00	0.00060

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:28:19

**MODELOPTs:

PAGE 43

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00019	-90.00	-250.00	0.00019
-80.00	-250.00	0.00019	-70.00	-250.00	0.00019
-60.00	-250.00	0.00018	-50.00	-250.00	0.00018
-40.00	-250.00	0.00017	-30.00	-250.00	0.00016
-25.00	-250.00	0.00016	-20.00	-250.00	0.00016
-17.00	-250.00	0.00015	-15.00	-250.00	0.00015
-13.00	-250.00	0.00015	-11.00	-250.00	0.00015
-9.00	-250.00	0.00015	9.00	-250.00	0.00013
11.00	-250.00	0.00013	13.00	-250.00	0.00013
15.00	-250.00	0.00013	17.00	-250.00	0.00013
20.00	-250.00	0.00013	25.00	-250.00	0.00012
30.00	-250.00	0.00012	40.00	-250.00	0.00011
50.00	-250.00	0.00011	60.00	-250.00	0.00010
70.00	-250.00	0.00010	80.00	-250.00	0.00010
90.00	-250.00	0.00009	100.00	-250.00	0.00009
-100.00	-240.00	0.00020	-90.00	-240.00	0.00020
-80.00	-240.00	0.00020	-70.00	-240.00	0.00020
-60.00	-240.00	0.00020	-50.00	-240.00	0.00019
-40.00	-240.00	0.00018	-30.00	-240.00	0.00017
-25.00	-240.00	0.00017	-20.00	-240.00	0.00017

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-17.00	-240.00	0.00016	-15.00	-240.00	0.00016
-13.00	-240.00	0.00016	-11.00	-240.00	0.00016
-9.00	-240.00	0.00016	9.00	-240.00	0.00014
11.00	-240.00	0.00014	13.00	-240.00	0.00014
15.00	-240.00	0.00014	17.00	-240.00	0.00013
20.00	-240.00	0.00013	25.00	-240.00	0.00013
30.00	-240.00	0.00013	40.00	-240.00	0.00012
50.00	-240.00	0.00011	60.00	-240.00	0.00011
70.00	-240.00	0.00010	80.00	-240.00	0.00010
90.00	-240.00	0.00010	100.00	-240.00	0.00009
-100.00	-230.00	0.00021	-90.00	-230.00	0.00021
-80.00	-230.00	0.00021	-70.00	-230.00	0.00021
-60.00	-230.00	0.00021	-50.00	-230.00	0.00020
-40.00	-230.00	0.00019	-30.00	-230.00	0.00019
-25.00	-230.00	0.00018	-20.00	-230.00	0.00018
-17.00	-230.00	0.00017	-15.00	-230.00	0.00017
-13.00	-230.00	0.00017	-11.00	-230.00	0.00017
-9.00	-230.00	0.00017	9.00	-230.00	0.00015
11.00	-230.00	0.00015	13.00	-230.00	0.00015
15.00	-230.00	0.00014	17.00	-230.00	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTS:
 PAGE 44
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00014	25.00	-230.00	0.00014
30.00	-230.00	0.00013	40.00	-230.00	0.00012
50.00	-230.00	0.00012	60.00	-230.00	0.00011
70.00	-230.00	0.00011	80.00	-230.00	0.00011
90.00	-230.00	0.00010	100.00	-230.00	0.00010
-100.00	-220.00	0.00022	-90.00	-220.00	0.00023
-80.00	-220.00	0.00023	-70.00	-220.00	0.00023
-60.00	-220.00	0.00022	-50.00	-220.00	0.00022
-40.00	-220.00	0.00021	-30.00	-220.00	0.00020
-25.00	-220.00	0.00019	-20.00	-220.00	0.00019
-17.00	-220.00	0.00018	-15.00	-220.00	0.00018
-13.00	-220.00	0.00018	-11.00	-220.00	0.00018
-9.00	-220.00	0.00018	9.00	-220.00	0.00016
11.00	-220.00	0.00016	13.00	-220.00	0.00015

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

15.00	-220.00	0.00015	17.00	-220.00	0.00015
20.00	-220.00	0.00015	25.00	-220.00	0.00014
30.00	-220.00	0.00014	40.00	-220.00	0.00013
50.00	-220.00	0.00013	60.00	-220.00	0.00012
70.00	-220.00	0.00011	80.00	-220.00	0.00011
90.00	-220.00	0.00011	100.00	-220.00	0.00010
-100.00	-210.00	0.00023	-90.00	-210.00	0.00024
-80.00	-210.00	0.00024	-70.00	-210.00	0.00024
-60.00	-210.00	0.00024	-50.00	-210.00	0.00023
-40.00	-210.00	0.00022	-30.00	-210.00	0.00021
-25.00	-210.00	0.00021	-20.00	-210.00	0.00020
-17.00	-210.00	0.00020	-15.00	-210.00	0.00019
-13.00	-210.00	0.00019	-11.00	-210.00	0.00019
-9.00	-210.00	0.00019	9.00	-210.00	0.00017
11.00	-210.00	0.00017	13.00	-210.00	0.00016
15.00	-210.00	0.00016	17.00	-210.00	0.00016
20.00	-210.00	0.00016	25.00	-210.00	0.00015
30.00	-210.00	0.00015	40.00	-210.00	0.00014
50.00	-210.00	0.00013	60.00	-210.00	0.00013
70.00	-210.00	0.00012	80.00	-210.00	0.00012
90.00	-210.00	0.00011	100.00	-210.00	0.00011
-100.00	-200.00	0.00025	-90.00	-200.00	0.00025
-80.00	-200.00	0.00026	-70.00	-200.00	0.00026
-60.00	-200.00	0.00025	-50.00	-200.00	0.00025
-40.00	-200.00	0.00024	-30.00	-200.00	0.00023
-25.00	-200.00	0.00022	-20.00	-200.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00021	-15.00	-200.00	0.00021
-13.00	-200.00	0.00021	-11.00	-200.00	0.00020
-9.00	-200.00	0.00020	9.00	-200.00	0.00018
11.00	-200.00	0.00018	13.00	-200.00	0.00017
15.00	-200.00	0.00017	17.00	-200.00	0.00017
20.00	-200.00	0.00017	25.00	-200.00	0.00016
30.00	-200.00	0.00016	40.00	-200.00	0.00015
50.00	-200.00	0.00014	60.00	-200.00	0.00013

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

70.00	-200.00	0.00013	80.00	-200.00	0.00012
90.00	-200.00	0.00012	100.00	-200.00	0.00012
-100.00	-190.00	0.00026	-90.00	-190.00	0.00027
-80.00	-190.00	0.00027	-70.00	-190.00	0.00027
-60.00	-190.00	0.00027	-50.00	-190.00	0.00026
-40.00	-190.00	0.00025	-30.00	-190.00	0.00024
-25.00	-190.00	0.00024	-20.00	-190.00	0.00023
-17.00	-190.00	0.00023	-15.00	-190.00	0.00022
-13.00	-190.00	0.00022	-11.00	-190.00	0.00022
-9.00	-190.00	0.00021	9.00	-190.00	0.00019
11.00	-190.00	0.00019	13.00	-190.00	0.00018
15.00	-190.00	0.00018	17.00	-190.00	0.00018
20.00	-190.00	0.00018	25.00	-190.00	0.00017
30.00	-190.00	0.00016	40.00	-190.00	0.00016
50.00	-190.00	0.00015	60.00	-190.00	0.00014
70.00	-190.00	0.00013	80.00	-190.00	0.00013
90.00	-190.00	0.00013	100.00	-190.00	0.00012
-100.00	-180.00	0.00028	-90.00	-180.00	0.00028
-80.00	-180.00	0.00029	-70.00	-180.00	0.00029
-60.00	-180.00	0.00029	-50.00	-180.00	0.00028
-40.00	-180.00	0.00027	-30.00	-180.00	0.00026
-25.00	-180.00	0.00025	-20.00	-180.00	0.00025
-17.00	-180.00	0.00024	-15.00	-180.00	0.00024
-13.00	-180.00	0.00024	-11.00	-180.00	0.00023
-9.00	-180.00	0.00023	9.00	-180.00	0.00020
11.00	-180.00	0.00020	13.00	-180.00	0.00020
15.00	-180.00	0.00019	17.00	-180.00	0.00019
20.00	-180.00	0.00019	25.00	-180.00	0.00018
30.00	-180.00	0.00017	40.00	-180.00	0.00016
50.00	-180.00	0.00016	60.00	-180.00	0.00015
70.00	-180.00	0.00014	80.00	-180.00	0.00014
90.00	-180.00	0.00013	100.00	-180.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTS:
 PAGE 46

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00029	-90.00	-170.00	0.00030
-80.00	-170.00	0.00031	-70.00	-170.00	0.00031

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-60.00	-170.00	0.00031	-50.00	-170.00	0.00031
-40.00	-170.00	0.00030	-30.00	-170.00	0.00028
-25.00	-170.00	0.00027	-20.00	-170.00	0.00027
-17.00	-170.00	0.00026	-15.00	-170.00	0.00026
-13.00	-170.00	0.00025	-11.00	-170.00	0.00025
-9.00	-170.00	0.00025	9.00	-170.00	0.00022
11.00	-170.00	0.00021	13.00	-170.00	0.00021
15.00	-170.00	0.00021	17.00	-170.00	0.00020
20.00	-170.00	0.00020	25.00	-170.00	0.00019
30.00	-170.00	0.00019	40.00	-170.00	0.00018
50.00	-170.00	0.00017	60.00	-170.00	0.00016
70.00	-170.00	0.00015	80.00	-170.00	0.00015
90.00	-170.00	0.00014	100.00	-170.00	0.00014
-100.00	-160.00	0.00031	-90.00	-160.00	0.00032
-80.00	-160.00	0.00033	-70.00	-160.00	0.00033
-60.00	-160.00	0.00034	-50.00	-160.00	0.00033
-40.00	-160.00	0.00032	-30.00	-160.00	0.00030
-25.00	-160.00	0.00030	-20.00	-160.00	0.00029
-17.00	-160.00	0.00028	-15.00	-160.00	0.00028
-13.00	-160.00	0.00027	-11.00	-160.00	0.00027
-9.00	-160.00	0.00027	9.00	-160.00	0.00023
11.00	-160.00	0.00023	13.00	-160.00	0.00022
15.00	-160.00	0.00022	17.00	-160.00	0.00022
20.00	-160.00	0.00021	25.00	-160.00	0.00021
30.00	-160.00	0.00020	40.00	-160.00	0.00019
50.00	-160.00	0.00018	60.00	-160.00	0.00017
70.00	-160.00	0.00016	80.00	-160.00	0.00016
90.00	-160.00	0.00015	100.00	-160.00	0.00015
-100.00	-150.00	0.00033	-90.00	-150.00	0.00034
-80.00	-150.00	0.00035	-70.00	-150.00	0.00036
-60.00	-150.00	0.00036	-50.00	-150.00	0.00036
-40.00	-150.00	0.00035	-30.00	-150.00	0.00033
-25.00	-150.00	0.00032	-20.00	-150.00	0.00031
-17.00	-150.00	0.00031	-15.00	-150.00	0.00030
-13.00	-150.00	0.00030	-11.00	-150.00	0.00029
-9.00	-150.00	0.00029	9.00	-150.00	0.00025
11.00	-150.00	0.00025	13.00	-150.00	0.00024
15.00	-150.00	0.00024	17.00	-150.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTS:
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

02NCRA NAPA95-300_DPM_TRAV ANN N-S Bound
 INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	-150.00	0.00023	25.00	-150.00	0.00022	
30.00	-150.00	0.00021	40.00	-150.00	0.00020	
50.00	-150.00	0.00019	60.00	-150.00	0.00018	
70.00	-150.00	0.00017	80.00	-150.00	0.00017	
90.00	-150.00	0.00016	100.00	-150.00	0.00015	
-100.00	-140.00	0.00035	-90.00	-140.00	0.00036	
-80.00	-140.00	0.00038	-70.00	-140.00	0.00039	
-60.00	-140.00	0.00039	-50.00	-140.00	0.00039	
-40.00	-140.00	0.00038	-30.00	-140.00	0.00036	
-25.00	-140.00	0.00035	-20.00	-140.00	0.00034	
-17.00	-140.00	0.00033	-15.00	-140.00	0.00033	
-13.00	-140.00	0.00032	-11.00	-140.00	0.00032	
-9.00	-140.00	0.00031	9.00	-140.00	0.00027	
11.00	-140.00	0.00026	13.00	-140.00	0.00026	
15.00	-140.00	0.00026	17.00	-140.00	0.00025	
20.00	-140.00	0.00025	25.00	-140.00	0.00024	
30.00	-140.00	0.00023	40.00	-140.00	0.00021	
50.00	-140.00	0.00020	60.00	-140.00	0.00019	
70.00	-140.00	0.00018	80.00	-140.00	0.00018	
90.00	-140.00	0.00017	100.00	-140.00	0.00016	
-100.00	-130.00	0.00037	-90.00	-130.00	0.00039	
-80.00	-130.00	0.00040	-70.00	-130.00	0.00042	
-60.00	-130.00	0.00042	-50.00	-130.00	0.00042	
-40.00	-130.00	0.00041	-30.00	-130.00	0.00039	
-25.00	-130.00	0.00038	-20.00	-130.00	0.00037	
-17.00	-130.00	0.00036	-15.00	-130.00	0.00036	
-13.00	-130.00	0.00035	-11.00	-130.00	0.00035	
-9.00	-130.00	0.00034	9.00	-130.00	0.00029	
11.00	-130.00	0.00029	13.00	-130.00	0.00028	
15.00	-130.00	0.00028	17.00	-130.00	0.00027	
20.00	-130.00	0.00027	25.00	-130.00	0.00025	
30.00	-130.00	0.00025	40.00	-130.00	0.00023	
50.00	-130.00	0.00022	60.00	-130.00	0.00021	
70.00	-130.00	0.00020	80.00	-130.00	0.00019	
90.00	-130.00	0.00018	100.00	-130.00	0.00017	
-100.00	-120.00	0.00040	-90.00	-120.00	0.00041	
-80.00	-120.00	0.00043	-70.00	-120.00	0.00045	
-60.00	-120.00	0.00046	-50.00	-120.00	0.00046	
-40.00	-120.00	0.00045	-30.00	-120.00	0.00043	
-25.00	-120.00	0.00042	-20.00	-120.00	0.00041	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:28:19

**MODELOPTs:

PAGE 48

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00040	-15.00	-120.00	0.00039
-13.00	-120.00	0.00039	-11.00	-120.00	0.00038
-9.00	-120.00	0.00037	9.00	-120.00	0.00032
11.00	-120.00	0.00031	13.00	-120.00	0.00031
15.00	-120.00	0.00030	17.00	-120.00	0.00029
20.00	-120.00	0.00029	25.00	-120.00	0.00028
30.00	-120.00	0.00026	40.00	-120.00	0.00025
50.00	-120.00	0.00023	60.00	-120.00	0.00022
70.00	-120.00	0.00021	80.00	-120.00	0.00020
90.00	-120.00	0.00019	100.00	-120.00	0.00018
-100.00	-110.00	0.00043	-90.00	-110.00	0.00044
-80.00	-110.00	0.00046	-70.00	-110.00	0.00048
-60.00	-110.00	0.00050	-50.00	-110.00	0.00051
-40.00	-110.00	0.00050	-30.00	-110.00	0.00048
-25.00	-110.00	0.00046	-20.00	-110.00	0.00045
-17.00	-110.00	0.00044	-15.00	-110.00	0.00043
-13.00	-110.00	0.00042	-11.00	-110.00	0.00042
-9.00	-110.00	0.00041	9.00	-110.00	0.00035
11.00	-110.00	0.00034	13.00	-110.00	0.00033
15.00	-110.00	0.00033	17.00	-110.00	0.00032
20.00	-110.00	0.00031	25.00	-110.00	0.00030
30.00	-110.00	0.00029	40.00	-110.00	0.00027
50.00	-110.00	0.00025	60.00	-110.00	0.00024
70.00	-110.00	0.00023	80.00	-110.00	0.00022
90.00	-110.00	0.00021	100.00	-110.00	0.00019
-100.00	-100.00	0.00046	-90.00	-100.00	0.00048
-80.00	-100.00	0.00050	-70.00	-100.00	0.00052
-60.00	-100.00	0.00054	-50.00	-100.00	0.00056
-40.00	-100.00	0.00055	-30.00	-100.00	0.00053
-25.00	-100.00	0.00052	-20.00	-100.00	0.00050
-17.00	-100.00	0.00049	-15.00	-100.00	0.00048
-13.00	-100.00	0.00047	-11.00	-100.00	0.00046
-9.00	-100.00	0.00045	9.00	-100.00	0.00038
11.00	-100.00	0.00037	13.00	-100.00	0.00036

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

15.00	-100.00	0.00036	17.00	-100.00	0.00035
20.00	-100.00	0.00034	25.00	-100.00	0.00032
30.00	-100.00	0.00031	40.00	-100.00	0.00029
50.00	-100.00	0.00027	60.00	-100.00	0.00026
70.00	-100.00	0.00025	80.00	-100.00	0.00023
90.00	-100.00	0.00022	100.00	-100.00	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 49
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00050	-90.00	-90.00	0.00052
-80.00	-90.00	0.00054	-70.00	-90.00	0.00057
-60.00	-90.00	0.00059	-50.00	-90.00	0.00061
-40.00	-90.00	0.00061	-30.00	-90.00	0.00059
-25.00	-90.00	0.00058	-20.00	-90.00	0.00056
-17.00	-90.00	0.00054	-15.00	-90.00	0.00053
-13.00	-90.00	0.00052	-11.00	-90.00	0.00051
-9.00	-90.00	0.00050	9.00	-90.00	0.00042
11.00	-90.00	0.00041	13.00	-90.00	0.00040
15.00	-90.00	0.00039	17.00	-90.00	0.00038
20.00	-90.00	0.00037	25.00	-90.00	0.00035
30.00	-90.00	0.00034	40.00	-90.00	0.00032
50.00	-90.00	0.00030	60.00	-90.00	0.00028
70.00	-90.00	0.00027	80.00	-90.00	0.00025
90.00	-90.00	0.00023	100.00	-90.00	0.00021
-100.00	-80.00	0.00054	-90.00	-80.00	0.00056
-80.00	-80.00	0.00059	-70.00	-80.00	0.00062
-60.00	-80.00	0.00065	-50.00	-80.00	0.00067
-40.00	-80.00	0.00068	-30.00	-80.00	0.00066
-25.00	-80.00	0.00065	-20.00	-80.00	0.00062
-17.00	-80.00	0.00061	-15.00	-80.00	0.00060
-13.00	-80.00	0.00059	-11.00	-80.00	0.00057
-9.00	-80.00	0.00056	9.00	-80.00	0.00046
11.00	-80.00	0.00045	13.00	-80.00	0.00044
15.00	-80.00	0.00043	17.00	-80.00	0.00042
20.00	-80.00	0.00041	25.00	-80.00	0.00039
30.00	-80.00	0.00037	40.00	-80.00	0.00035
50.00	-80.00	0.00033	60.00	-80.00	0.00031

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

70.00	-80.00	0.00029	80.00	-80.00	0.00027
90.00	-80.00	0.00024	100.00	-80.00	0.00022
-100.00	-70.00	0.00058	-90.00	-70.00	0.00061
-80.00	-70.00	0.00064	-70.00	-70.00	0.00067
-60.00	-70.00	0.00071	-50.00	-70.00	0.00074
-40.00	-70.00	0.00076	-30.00	-70.00	0.00075
-25.00	-70.00	0.00073	-20.00	-70.00	0.00070
-17.00	-70.00	0.00069	-15.00	-70.00	0.00067
-13.00	-70.00	0.00066	-11.00	-70.00	0.00065
-9.00	-70.00	0.00063	9.00	-70.00	0.00051
11.00	-70.00	0.00050	13.00	-70.00	0.00049
15.00	-70.00	0.00048	17.00	-70.00	0.00047

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:
 PAGE 50

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00045	25.00	-70.00	0.00043
30.00	-70.00	0.00041	40.00	-70.00	0.00038
50.00	-70.00	0.00036	60.00	-70.00	0.00034
70.00	-70.00	0.00031	80.00	-70.00	0.00029
90.00	-70.00	0.00026	100.00	-70.00	0.00023
-100.00	-60.00	0.00064	-90.00	-60.00	0.00067
-80.00	-60.00	0.00070	-70.00	-60.00	0.00074
-60.00	-60.00	0.00078	-50.00	-60.00	0.00082
-40.00	-60.00	0.00085	-30.00	-60.00	0.00085
-25.00	-60.00	0.00083	-20.00	-60.00	0.00080
-17.00	-60.00	0.00078	-15.00	-60.00	0.00077
-13.00	-60.00	0.00075	-11.00	-60.00	0.00074
-9.00	-60.00	0.00072	9.00	-60.00	0.00057
11.00	-60.00	0.00056	13.00	-60.00	0.00054
15.00	-60.00	0.00053	17.00	-60.00	0.00052
20.00	-60.00	0.00050	25.00	-60.00	0.00048
30.00	-60.00	0.00046	40.00	-60.00	0.00042
50.00	-60.00	0.00040	60.00	-60.00	0.00037
70.00	-60.00	0.00034	80.00	-60.00	0.00030
90.00	-60.00	0.00026	100.00	-60.00	0.00023
-100.00	-50.00	0.00069	-90.00	-50.00	0.00073
-80.00	-50.00	0.00077	-70.00	-50.00	0.00082

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-60.00	-50.00	0.00086	-50.00	-50.00	0.00091
-40.00	-50.00	0.00096	-30.00	-50.00	0.00097
-25.00	-50.00	0.00095	-20.00	-50.00	0.00092
-17.00	-50.00	0.00090	-15.00	-50.00	0.00088
-13.00	-50.00	0.00086	-11.00	-50.00	0.00084
-9.00	-50.00	0.00082	9.00	-50.00	0.00064
11.00	-50.00	0.00062	13.00	-50.00	0.00061
15.00	-50.00	0.00059	17.00	-50.00	0.00058
20.00	-50.00	0.00056	25.00	-50.00	0.00053
30.00	-50.00	0.00051	40.00	-50.00	0.00047
50.00	-50.00	0.00044	60.00	-50.00	0.00040
70.00	-50.00	0.00036	80.00	-50.00	0.00031
90.00	-50.00	0.00027	100.00	-50.00	0.00023
-100.00	-40.00	0.00075	-90.00	-40.00	0.00080
-80.00	-40.00	0.00085	-70.00	-40.00	0.00091
-60.00	-40.00	0.00096	-50.00	-40.00	0.00102
-40.00	-40.00	0.00108	-30.00	-40.00	0.00111
-25.00	-40.00	0.00110	-20.00	-40.00	0.00107

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:

PAGE 51

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00104	-15.00	-40.00	0.00102
-13.00	-40.00	0.00100	-11.00	-40.00	0.00098
-9.00	-40.00	0.00095	9.00	-40.00	0.00073
11.00	-40.00	0.00071	13.00	-40.00	0.00069
15.00	-40.00	0.00067	17.00	-40.00	0.00065
20.00	-40.00	0.00063	25.00	-40.00	0.00060
30.00	-40.00	0.00057	40.00	-40.00	0.00053
50.00	-40.00	0.00048	60.00	-40.00	0.00043
70.00	-40.00	0.00038	80.00	-40.00	0.00033
90.00	-40.00	0.00028	100.00	-40.00	0.00024
-100.00	-30.00	0.00082	-90.00	-30.00	0.00088
-80.00	-30.00	0.00094	-70.00	-30.00	0.00101
-60.00	-30.00	0.00108	-50.00	-30.00	0.00115
-40.00	-30.00	0.00122	-30.00	-30.00	0.00127
-25.00	-30.00	0.00127	-20.00	-30.00	0.00125
-17.00	-30.00	0.00122	-15.00	-30.00	0.00120

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-13.00	-30.00	0.00117	-11.00	-30.00	0.00114
-9.00	-30.00	0.00111	9.00	-30.00	0.00083
11.00	-30.00	0.00081	13.00	-30.00	0.00078
15.00	-30.00	0.00076	17.00	-30.00	0.00074
20.00	-30.00	0.00071	25.00	-30.00	0.00068
30.00	-30.00	0.00064	40.00	-30.00	0.00059
50.00	-30.00	0.00053	60.00	-30.00	0.00046
70.00	-30.00	0.00040	80.00	-30.00	0.00034
90.00	-30.00	0.00028	100.00	-30.00	0.00024
-100.00	-20.00	0.00088	-90.00	-20.00	0.00096
-80.00	-20.00	0.00104	-70.00	-20.00	0.00113
-60.00	-20.00	0.00121	-50.00	-20.00	0.00130
-40.00	-20.00	0.00139	-30.00	-20.00	0.00146
-25.00	-20.00	0.00148	-20.00	-20.00	0.00147
-17.00	-20.00	0.00144	-15.00	-20.00	0.00142
-13.00	-20.00	0.00139	-11.00	-20.00	0.00135
-9.00	-20.00	0.00131	9.00	-20.00	0.00096
11.00	-20.00	0.00092	13.00	-20.00	0.00090
15.00	-20.00	0.00087	17.00	-20.00	0.00085
20.00	-20.00	0.00081	25.00	-20.00	0.00077
30.00	-20.00	0.00073	40.00	-20.00	0.00066
50.00	-20.00	0.00058	60.00	-20.00	0.00049
70.00	-20.00	0.00041	80.00	-20.00	0.00034
90.00	-20.00	0.00028	100.00	-20.00	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 52
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00094	-90.00	-10.00	0.00104
-80.00	-10.00	0.00114	-70.00	-10.00	0.00125
-60.00	-10.00	0.00136	-50.00	-10.00	0.00148
-40.00	-10.00	0.00159	-30.00	-10.00	0.00169
-25.00	-10.00	0.00173	-20.00	-10.00	0.00174
-17.00	-10.00	0.00172	-15.00	-10.00	0.00169
-13.00	-10.00	0.00166	-11.00	-10.00	0.00162
-9.00	-10.00	0.00157	9.00	-10.00	0.00111
11.00	-10.00	0.00107	13.00	-10.00	0.00103
15.00	-10.00	0.00100	17.00	-10.00	0.00098

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

20.00	-10.00	0.00094	25.00	-10.00	0.00089
30.00	-10.00	0.00084	40.00	-10.00	0.00073
50.00	-10.00	0.00062	60.00	-10.00	0.00051
70.00	-10.00	0.00042	80.00	-10.00	0.00034
90.00	-10.00	0.00029	100.00	-10.00	0.00024
-100.00	0.00	0.00100	-90.00	0.00	0.00112
-80.00	0.00	0.00125	-70.00	0.00	0.00138
-60.00	0.00	0.00153	-50.00	0.00	0.00168
-40.00	0.00	0.00183	-30.00	0.00	0.00197
-25.00	0.00	0.00203	-20.00	0.00	0.00206
-17.00	0.00	0.00206	-15.00	0.00	0.00204
-13.00	0.00	0.00201	-11.00	0.00	0.00196
-9.00	0.00	0.00191	9.00	0.00	0.00130
11.00	0.00	0.00125	13.00	0.00	0.00121
15.00	0.00	0.00117	17.00	0.00	0.00113
20.00	0.00	0.00109	25.00	0.00	0.00102
30.00	0.00	0.00095	40.00	0.00	0.00080
50.00	0.00	0.00065	60.00	0.00	0.00053
70.00	0.00	0.00043	80.00	0.00	0.00035
90.00	0.00	0.00029	100.00	0.00	0.00025
-100.00	10.00	0.00106	-90.00	10.00	0.00119
-80.00	10.00	0.00135	-70.00	10.00	0.00151
-60.00	10.00	0.00170	-50.00	10.00	0.00190
-40.00	10.00	0.00211	-30.00	10.00	0.00230
-25.00	10.00	0.00238	-20.00	10.00	0.00244
-17.00	10.00	0.00246	-15.00	10.00	0.00246
-13.00	10.00	0.00244	-11.00	10.00	0.00240
-9.00	10.00	0.00235	9.00	10.00	0.00153
11.00	10.00	0.00147	13.00	10.00	0.00142
15.00	10.00	0.00137	17.00	10.00	0.00133

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 53

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00127	25.00	10.00	0.00116
30.00	10.00	0.00105	40.00	10.00	0.00085
50.00	10.00	0.00068	60.00	10.00	0.00054
70.00	10.00	0.00044	80.00	10.00	0.00036

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

90.00	10.00	0.00030	100.00	10.00	0.00026
-100.00	20.00	0.00110	-90.00	20.00	0.00126
-80.00	20.00	0.00144	-70.00	20.00	0.00164
-60.00	20.00	0.00187	-50.00	20.00	0.00212
-40.00	20.00	0.00241	-30.00	20.00	0.00269
-25.00	20.00	0.00281	-20.00	20.00	0.00291
-17.00	20.00	0.00295	-15.00	20.00	0.00297
-13.00	20.00	0.00297	-11.00	20.00	0.00295
-9.00	20.00	0.00290	9.00	20.00	0.00182
11.00	20.00	0.00174	13.00	20.00	0.00167
15.00	20.00	0.00161	17.00	20.00	0.00154
20.00	20.00	0.00144	25.00	20.00	0.00128
30.00	20.00	0.00113	40.00	20.00	0.00089
50.00	20.00	0.00070	60.00	20.00	0.00056
70.00	20.00	0.00046	80.00	20.00	0.00038
90.00	20.00	0.00032	100.00	20.00	0.00027
-100.00	30.00	0.00113	-90.00	30.00	0.00130
-80.00	30.00	0.00151	-70.00	30.00	0.00174
-60.00	30.00	0.00202	-50.00	30.00	0.00234
-40.00	30.00	0.00269	-30.00	30.00	0.00308
-25.00	30.00	0.00328	-20.00	30.00	0.00345
-17.00	30.00	0.00354	-15.00	30.00	0.00359
-13.00	30.00	0.00362	-11.00	30.00	0.00363
-9.00	30.00	0.00361	9.00	30.00	0.00217
11.00	30.00	0.00205	13.00	30.00	0.00193
15.00	30.00	0.00182	17.00	30.00	0.00172
20.00	30.00	0.00158	25.00	30.00	0.00137
30.00	30.00	0.00121	40.00	30.00	0.00094
50.00	30.00	0.00074	60.00	30.00	0.00059
70.00	30.00	0.00048	80.00	30.00	0.00039
90.00	30.00	0.00033	100.00	30.00	0.00028
-100.00	40.00	0.00113	-90.00	40.00	0.00132
-80.00	40.00	0.00154	-70.00	40.00	0.00180
-60.00	40.00	0.00212	-50.00	40.00	0.00249
-40.00	40.00	0.00292	-30.00	40.00	0.00341
-25.00	40.00	0.00369	-20.00	40.00	0.00398

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00415	-15.00	40.00	0.00426
-13.00	40.00	0.00438	-11.00	40.00	0.00450
-9.00	40.00	0.00461	9.00	40.00	0.00249
11.00	40.00	0.00230	13.00	40.00	0.00214
15.00	40.00	0.00200	17.00	40.00	0.00188
20.00	40.00	0.00171	25.00	40.00	0.00149
30.00	40.00	0.00130	40.00	40.00	0.00100
50.00	40.00	0.00078	60.00	40.00	0.00062
70.00	40.00	0.00050	80.00	40.00	0.00041
90.00	40.00	0.00035	100.00	40.00	0.00030
-100.00	50.00	0.00112	-90.00	50.00	0.00131
-80.00	50.00	0.00154	-70.00	50.00	0.00182
-60.00	50.00	0.00216	-50.00	50.00	0.00257
-40.00	50.00	0.00304	-30.00	50.00	0.00360
-25.00	50.00	0.00392	-20.00	50.00	0.00428
-17.00	50.00	0.00451	-15.00	50.00	0.00468
-13.00	50.00	0.00486	-11.00	50.00	0.00507
-9.00	50.00	0.00533	9.00	50.00	0.00304
11.00	50.00	0.00273	13.00	50.00	0.00250
15.00	50.00	0.00231	17.00	50.00	0.00214
20.00	50.00	0.00194	25.00	50.00	0.00166
30.00	50.00	0.00143	40.00	50.00	0.00108
50.00	50.00	0.00083	60.00	50.00	0.00065
70.00	50.00	0.00053	80.00	50.00	0.00044
90.00	50.00	0.00037	100.00	50.00	0.00032
-100.00	60.00	0.00109	-90.00	60.00	0.00127
-80.00	60.00	0.00151	-70.00	60.00	0.00179
-60.00	60.00	0.00214	-50.00	60.00	0.00256
-40.00	60.00	0.00305	-30.00	60.00	0.00361
-25.00	60.00	0.00393	-20.00	60.00	0.00429
-17.00	60.00	0.00454	-15.00	60.00	0.00472
-13.00	60.00	0.00492	-11.00	60.00	0.00518
-9.00	60.00	0.00555	9.00	60.00	0.00421
11.00	60.00	0.00368	13.00	60.00	0.00329
15.00	60.00	0.00297	17.00	60.00	0.00271
20.00	60.00	0.00239	25.00	60.00	0.00197
30.00	60.00	0.00166	40.00	60.00	0.00121
50.00	60.00	0.00091	60.00	60.00	0.00071
70.00	60.00	0.00057	80.00	60.00	0.00048
90.00	60.00	0.00040	100.00	60.00	0.00035

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	70.00	0.00104	-90.00	70.00	0.00122	
-80.00	70.00	0.00144	-70.00	70.00	0.00172	
-60.00	70.00	0.00206	-50.00	70.00	0.00247	
-40.00	70.00	0.00295	-30.00	70.00	0.00350	
-25.00	70.00	0.00381	-20.00	70.00	0.00419	
-17.00	70.00	0.00448	-15.00	70.00	0.00472	
-13.00	70.00	0.00502	-11.00	70.00	0.00541	
-9.00	70.00	0.00597	9.00	70.00	0.00523	
11.00	70.00	0.00459	13.00	70.00	0.00409	
15.00	70.00	0.00368	17.00	70.00	0.00333	
20.00	70.00	0.00290	25.00	70.00	0.00235	
30.00	70.00	0.00194	40.00	70.00	0.00137	
50.00	70.00	0.00102	60.00	70.00	0.00079	
70.00	70.00	0.00064	80.00	70.00	0.00052	
90.00	70.00	0.00044	100.00	70.00	0.00038	
-100.00	80.00	0.00097	-90.00	80.00	0.00114	
-80.00	80.00	0.00134	-70.00	80.00	0.00160	
-60.00	80.00	0.00192	-50.00	80.00	0.00231	
-40.00	80.00	0.00277	-30.00	80.00	0.00331	
-25.00	80.00	0.00364	-20.00	80.00	0.00408	
-17.00	80.00	0.00445	-15.00	80.00	0.00477	
-13.00	80.00	0.00517	-11.00	80.00	0.00568	
-9.00	80.00	0.00637	9.00	80.00	0.00598	
11.00	80.00	0.00528	13.00	80.00	0.00472	
15.00	80.00	0.00425	17.00	80.00	0.00385	
20.00	80.00	0.00335	25.00	80.00	0.00270	
30.00	80.00	0.00221	40.00	80.00	0.00155	
50.00	80.00	0.00115	60.00	80.00	0.00089	
70.00	80.00	0.00071	80.00	80.00	0.00058	
90.00	80.00	0.00048	100.00	80.00	0.00041	
-100.00	90.00	0.00089	-90.00	90.00	0.00104	
-80.00	90.00	0.00122	-70.00	90.00	0.00145	
-60.00	90.00	0.00173	-50.00	90.00	0.00208	
-40.00	90.00	0.00252	-30.00	90.00	0.00308	
-25.00	90.00	0.00345	-20.00	90.00	0.00396	
-17.00	90.00	0.00439	-15.00	90.00	0.00477	

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-13.00	90.00	0.00523	-11.00	90.00	0.00582
-9.00	90.00	0.00658	9.00	90.00	0.00648
11.00	90.00	0.00576	13.00	90.00	0.00517
15.00	90.00	0.00467	17.00	90.00	0.00423

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00368	25.00	90.00	0.00296
30.00	90.00	0.00243	40.00	90.00	0.00172
50.00	90.00	0.00128	60.00	90.00	0.00099
70.00	90.00	0.00079	80.00	90.00	0.00064
90.00	90.00	0.00053	100.00	90.00	0.00044
-100.00	100.00	0.00080	-90.00	100.00	0.00092
-80.00	100.00	0.00108	-70.00	100.00	0.00128
-60.00	100.00	0.00152	-50.00	100.00	0.00182
-40.00	100.00	0.00222	-30.00	100.00	0.00279
-25.00	100.00	0.00320	-20.00	100.00	0.00377
-17.00	100.00	0.00424	-15.00	100.00	0.00465
-13.00	100.00	0.00515	-11.00	100.00	0.00578
-9.00	100.00	0.00658	9.00	100.00	0.00677
11.00	100.00	0.00604	13.00	100.00	0.00544
15.00	100.00	0.00493	17.00	100.00	0.00448
20.00	100.00	0.00390	25.00	100.00	0.00317
30.00	100.00	0.00262	40.00	100.00	0.00189
50.00	100.00	0.00141	60.00	100.00	0.00109
70.00	100.00	0.00086	80.00	100.00	0.00069
90.00	100.00	0.00057	100.00	100.00	0.00047
-100.00	110.00	0.00070	-90.00	110.00	0.00080
-80.00	110.00	0.00093	-70.00	110.00	0.00109
-60.00	110.00	0.00129	-50.00	110.00	0.00155
-40.00	110.00	0.00190	-30.00	110.00	0.00244
-25.00	110.00	0.00286	-20.00	110.00	0.00347
-17.00	110.00	0.00397	-15.00	110.00	0.00438
-13.00	110.00	0.00489	-11.00	110.00	0.00552
-9.00	110.00	0.00634	9.00	110.00	0.00688
11.00	110.00	0.00614	13.00	110.00	0.00555
15.00	110.00	0.00505	17.00	110.00	0.00461

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

20.00	110.00	0.00406	25.00	110.00	0.00333
30.00	110.00	0.00279	40.00	110.00	0.00203
50.00	110.00	0.00153	60.00	110.00	0.00117
70.00	110.00	0.00092	80.00	110.00	0.00074
90.00	110.00	0.00061	100.00	110.00	0.00050
-100.00	120.00	0.00061	-90.00	120.00	0.00069
-80.00	120.00	0.00079	-70.00	120.00	0.00091
-60.00	120.00	0.00106	-50.00	120.00	0.00127
-40.00	120.00	0.00157	-30.00	120.00	0.00207
-25.00	120.00	0.00246	-20.00	120.00	0.00304

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00352	-15.00	120.00	0.00393
-13.00	120.00	0.00443	-11.00	120.00	0.00505
-9.00	120.00	0.00586	9.00	120.00	0.00683
11.00	120.00	0.00612	13.00	120.00	0.00556
15.00	120.00	0.00510	17.00	120.00	0.00470
20.00	120.00	0.00418	25.00	120.00	0.00347
30.00	120.00	0.00291	40.00	120.00	0.00212
50.00	120.00	0.00160	60.00	120.00	0.00124
70.00	120.00	0.00098	80.00	120.00	0.00078
90.00	120.00	0.00064	100.00	120.00	0.00053
-100.00	130.00	0.00053	-90.00	130.00	0.00059
-80.00	130.00	0.00066	-70.00	130.00	0.00076
-60.00	130.00	0.00088	-50.00	130.00	0.00104
-40.00	130.00	0.00129	-30.00	130.00	0.00172
-25.00	130.00	0.00206	-20.00	130.00	0.00257
-17.00	130.00	0.00299	-15.00	130.00	0.00335
-13.00	130.00	0.00378	-11.00	130.00	0.00433
-9.00	130.00	0.00504	9.00	130.00	0.00673
11.00	130.00	0.00609	13.00	130.00	0.00555
15.00	130.00	0.00512	17.00	130.00	0.00473
20.00	130.00	0.00423	25.00	130.00	0.00353
30.00	130.00	0.00298	40.00	130.00	0.00218
50.00	130.00	0.00166	60.00	130.00	0.00129
70.00	130.00	0.00102	80.00	130.00	0.00082

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

90.00	130.00	0.00067	100.00	130.00	0.00056
-100.00	140.00	0.00045	-90.00	140.00	0.00050
-80.00	140.00	0.00056	-70.00	140.00	0.00063
-60.00	140.00	0.00073	-50.00	140.00	0.00087
-40.00	140.00	0.00109	-30.00	140.00	0.00149
-25.00	140.00	0.00181	-20.00	140.00	0.00227
-17.00	140.00	0.00265	-15.00	140.00	0.00296
-13.00	140.00	0.00334	-11.00	140.00	0.00381
-9.00	140.00	0.00439	9.00	140.00	0.00629
11.00	140.00	0.00579	13.00	140.00	0.00535
15.00	140.00	0.00495	17.00	140.00	0.00460
20.00	140.00	0.00414	25.00	140.00	0.00349
30.00	140.00	0.00296	40.00	140.00	0.00220
50.00	140.00	0.00168	60.00	140.00	0.00131
70.00	140.00	0.00105	80.00	140.00	0.00085
90.00	140.00	0.00070	100.00	140.00	0.00058

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00038	-90.00	150.00	0.00042
-80.00	150.00	0.00047	-70.00	150.00	0.00053
-60.00	150.00	0.00061	-50.00	150.00	0.00075
-40.00	150.00	0.00097	-30.00	150.00	0.00138
-25.00	150.00	0.00171	-20.00	150.00	0.00218
-17.00	150.00	0.00257	-15.00	150.00	0.00289
-13.00	150.00	0.00326	-11.00	150.00	0.00369
-9.00	150.00	0.00417	9.00	150.00	0.00515
11.00	150.00	0.00489	13.00	150.00	0.00462
15.00	150.00	0.00436	17.00	150.00	0.00411
20.00	150.00	0.00376	25.00	150.00	0.00325
30.00	150.00	0.00281	40.00	150.00	0.00214
50.00	150.00	0.00165	60.00	150.00	0.00131
70.00	150.00	0.00105	80.00	150.00	0.00086
90.00	150.00	0.00071	100.00	150.00	0.00059
-100.00	160.00	0.00033	-90.00	160.00	0.00036
-80.00	160.00	0.00040	-70.00	160.00	0.00045
-60.00	160.00	0.00054	-50.00	160.00	0.00068

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-40.00	160.00	0.00092	-30.00	160.00	0.00135
-25.00	160.00	0.00169	-20.00	160.00	0.00215
-17.00	160.00	0.00250	-15.00	160.00	0.00276
-13.00	160.00	0.00305	-11.00	160.00	0.00335
-9.00	160.00	0.00365	9.00	160.00	0.00413
11.00	160.00	0.00399	13.00	160.00	0.00383
15.00	160.00	0.00367	17.00	160.00	0.00351
20.00	160.00	0.00327	25.00	160.00	0.00290
30.00	160.00	0.00257	40.00	160.00	0.00201
50.00	160.00	0.00159	60.00	160.00	0.00127
70.00	160.00	0.00104	80.00	160.00	0.00086
90.00	160.00	0.00071	100.00	160.00	0.00060
-100.00	170.00	0.00028	-90.00	170.00	0.00031
-80.00	170.00	0.00035	-70.00	170.00	0.00041
-60.00	170.00	0.00050	-50.00	170.00	0.00065
-40.00	170.00	0.00091	-30.00	170.00	0.00134
-25.00	170.00	0.00165	-20.00	170.00	0.00205
-17.00	170.00	0.00232	-15.00	170.00	0.00251
-13.00	170.00	0.00270	-11.00	170.00	0.00289
-9.00	170.00	0.00306	9.00	170.00	0.00334
11.00	170.00	0.00325	13.00	170.00	0.00316
15.00	170.00	0.00307	17.00	170.00	0.00297

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00281	25.00	170.00	0.00254
30.00	170.00	0.00229	40.00	170.00	0.00185
50.00	170.00	0.00149	60.00	170.00	0.00122
70.00	170.00	0.00100	80.00	170.00	0.00084
90.00	170.00	0.00071	100.00	170.00	0.00060
-100.00	180.00	0.00025	-90.00	180.00	0.00028
-80.00	180.00	0.00032	-70.00	180.00	0.00039
-60.00	180.00	0.00049	-50.00	180.00	0.00064
-40.00	180.00	0.00090	-30.00	180.00	0.00130
-25.00	180.00	0.00157	-20.00	180.00	0.00188
-17.00	180.00	0.00207	-15.00	180.00	0.00220
-13.00	180.00	0.00233	-11.00	180.00	0.00245

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-9.00	180.00	0.00255	9.00	180.00	0.00273
11.00	180.00	0.00268	13.00	180.00	0.00262
15.00	180.00	0.00256	17.00	180.00	0.00250
20.00	180.00	0.00240	25.00	180.00	0.00221
30.00	180.00	0.00202	40.00	180.00	0.00168
50.00	180.00	0.00139	60.00	180.00	0.00115
70.00	180.00	0.00096	80.00	180.00	0.00081
90.00	180.00	0.00069	100.00	180.00	0.00059
-100.00	190.00	0.00023	-90.00	190.00	0.00026
-80.00	190.00	0.00031	-70.00	190.00	0.00037
-60.00	190.00	0.00048	-50.00	190.00	0.00064
-40.00	190.00	0.00089	-30.00	190.00	0.00124
-25.00	190.00	0.00146	-20.00	190.00	0.00168
-17.00	190.00	0.00182	-15.00	190.00	0.00191
-13.00	190.00	0.00199	-11.00	190.00	0.00207
-9.00	190.00	0.00214	9.00	190.00	0.00227
11.00	190.00	0.00223	13.00	190.00	0.00220
15.00	190.00	0.00216	17.00	190.00	0.00211
20.00	190.00	0.00205	25.00	190.00	0.00192
30.00	190.00	0.00179	40.00	190.00	0.00151
50.00	190.00	0.00127	60.00	190.00	0.00107
70.00	190.00	0.00091	80.00	190.00	0.00077
90.00	190.00	0.00066	100.00	190.00	0.00057
-100.00	200.00	0.00021	-90.00	200.00	0.00025
-80.00	200.00	0.00030	-70.00	200.00	0.00037
-60.00	200.00	0.00048	-50.00	200.00	0.00064
-40.00	200.00	0.00086	-30.00	200.00	0.00116
-25.00	200.00	0.00133	-20.00	200.00	0.00149

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00159	-15.00	200.00	0.00165
-13.00	200.00	0.00171	-11.00	200.00	0.00177
-9.00	200.00	0.00181	9.00	200.00	0.00191
11.00	200.00	0.00188	13.00	200.00	0.00186
15.00	200.00	0.00183	17.00	200.00	0.00180
20.00	200.00	0.00176	25.00	200.00	0.00167

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

30.00	200.00	0.00157	40.00	200.00	0.00136
50.00	200.00	0.00117	60.00	200.00	0.00100
70.00	200.00	0.00086	80.00	200.00	0.00074
90.00	200.00	0.00064	100.00	200.00	0.00055
-100.00	210.00	0.00021	-90.00	210.00	0.00024
-80.00	210.00	0.00029	-70.00	210.00	0.00037
-60.00	210.00	0.00048	-50.00	210.00	0.00062
-40.00	210.00	0.00082	-30.00	210.00	0.00107
-25.00	210.00	0.00120	-20.00	210.00	0.00132
-17.00	210.00	0.00139	-15.00	210.00	0.00144
-13.00	210.00	0.00148	-11.00	210.00	0.00152
-9.00	210.00	0.00155	9.00	210.00	0.00162
11.00	210.00	0.00161	13.00	210.00	0.00159
15.00	210.00	0.00157	17.00	210.00	0.00155
20.00	210.00	0.00152	25.00	210.00	0.00145
30.00	210.00	0.00139	40.00	210.00	0.00123
50.00	210.00	0.00107	60.00	210.00	0.00092
70.00	210.00	0.00080	80.00	210.00	0.00070
90.00	210.00	0.00061	100.00	210.00	0.00053
-100.00	220.00	0.00020	-90.00	220.00	0.00024
-80.00	220.00	0.00029	-70.00	220.00	0.00037
-60.00	220.00	0.00047	-50.00	220.00	0.00061
-40.00	220.00	0.00078	-30.00	220.00	0.00098
-25.00	220.00	0.00108	-20.00	220.00	0.00117
-17.00	220.00	0.00122	-15.00	220.00	0.00126
-13.00	220.00	0.00129	-11.00	220.00	0.00132
-9.00	220.00	0.00134	9.00	220.00	0.00140
11.00	220.00	0.00139	13.00	220.00	0.00137
15.00	220.00	0.00136	17.00	220.00	0.00134
20.00	220.00	0.00132	25.00	220.00	0.00127
30.00	220.00	0.00122	40.00	220.00	0.00111
50.00	220.00	0.00098	60.00	220.00	0.00085
70.00	220.00	0.00075	80.00	220.00	0.00066
90.00	220.00	0.00058	100.00	220.00	0.00051

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-100.00	230.00	0.00020	-90.00	230.00	0.00024
-80.00	230.00	0.00029	-70.00	230.00	0.00036
-60.00	230.00	0.00046	-50.00	230.00	0.00058
-40.00	230.00	0.00073	-30.00	230.00	0.00089
-25.00	230.00	0.00097	-20.00	230.00	0.00104
-17.00	230.00	0.00108	-15.00	230.00	0.00111
-13.00	230.00	0.00113	-11.00	230.00	0.00115
-9.00	230.00	0.00117	9.00	230.00	0.00121
11.00	230.00	0.00121	13.00	230.00	0.00120
15.00	230.00	0.00119	17.00	230.00	0.00117
20.00	230.00	0.00116	25.00	230.00	0.00112
30.00	230.00	0.00108	40.00	230.00	0.00100
50.00	230.00	0.00090	60.00	230.00	0.00079
70.00	230.00	0.00070	80.00	230.00	0.00062
90.00	230.00	0.00055	100.00	230.00	0.00049
-100.00	240.00	0.00020	-90.00	240.00	0.00024
-80.00	240.00	0.00029	-70.00	240.00	0.00036
-60.00	240.00	0.00045	-50.00	240.00	0.00056
-40.00	240.00	0.00068	-30.00	240.00	0.00081
-25.00	240.00	0.00087	-20.00	240.00	0.00093
-17.00	240.00	0.00096	-15.00	240.00	0.00098
-13.00	240.00	0.00100	-11.00	240.00	0.00101
-9.00	240.00	0.00103	9.00	240.00	0.00107
11.00	240.00	0.00106	13.00	240.00	0.00105
15.00	240.00	0.00104	17.00	240.00	0.00104
20.00	240.00	0.00102	25.00	240.00	0.00099
30.00	240.00	0.00097	40.00	240.00	0.00090
50.00	240.00	0.00082	60.00	240.00	0.00073
70.00	240.00	0.00065	80.00	240.00	0.00058
90.00	240.00	0.00052	100.00	240.00	0.00046
-100.00	250.00	0.00020	-90.00	250.00	0.00024
-80.00	250.00	0.00029	-70.00	250.00	0.00035
-60.00	250.00	0.00044	-50.00	250.00	0.00053
-40.00	250.00	0.00064	-30.00	250.00	0.00074
-25.00	250.00	0.00079	-20.00	250.00	0.00083
-17.00	250.00	0.00086	-15.00	250.00	0.00087
-13.00	250.00	0.00089	-11.00	250.00	0.00090
-9.00	250.00	0.00091	9.00	250.00	0.00094
11.00	250.00	0.00094	13.00	250.00	0.00093
15.00	250.00	0.00093	17.00	250.00	0.00092

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	250.00	0.00091	25.00	250.00	0.00089	
30.00	250.00	0.00086	40.00	250.00	0.00081	
50.00	250.00	0.00075	60.00	250.00	0.00068	
70.00	250.00	0.00061	80.00	250.00	0.00054	
90.00	250.00	0.00049	100.00	250.00	0.00044	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	-250.00	0.00031	-90.00	-250.00	0.00032	
-80.00	-250.00	0.00033	-70.00	-250.00	0.00033	
-60.00	-250.00	0.00034	-50.00	-250.00	0.00033	
-40.00	-250.00	0.00032	-30.00	-250.00	0.00030	
-25.00	-250.00	0.00030	-20.00	-250.00	0.00029	
-17.00	-250.00	0.00028	-15.00	-250.00	0.00028	
-13.00	-250.00	0.00027	-11.00	-250.00	0.00027	
-9.00	-250.00	0.00027	9.00	-250.00	0.00023	
11.00	-250.00	0.00023	13.00	-250.00	0.00022	
15.00	-250.00	0.00022	17.00	-250.00	0.00022	
20.00	-250.00	0.00021	25.00	-250.00	0.00021	
30.00	-250.00	0.00020	40.00	-250.00	0.00019	
50.00	-250.00	0.00018	60.00	-250.00	0.00017	
70.00	-250.00	0.00016	80.00	-250.00	0.00016	
90.00	-250.00	0.00015	100.00	-250.00	0.00015	
-100.00	-240.00	0.00033	-90.00	-240.00	0.00034	
-80.00	-240.00	0.00035	-70.00	-240.00	0.00036	
-60.00	-240.00	0.00036	-50.00	-240.00	0.00036	
-40.00	-240.00	0.00035	-30.00	-240.00	0.00033	
-25.00	-240.00	0.00032	-20.00	-240.00	0.00031	
-17.00	-240.00	0.00031	-15.00	-240.00	0.00030	
-13.00	-240.00	0.00030	-11.00	-240.00	0.00029	
-9.00	-240.00	0.00029	9.00	-240.00	0.00025	

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

11.00	-240.00	0.00025	13.00	-240.00	0.00024
15.00	-240.00	0.00024	17.00	-240.00	0.00023
20.00	-240.00	0.00023	25.00	-240.00	0.00022
30.00	-240.00	0.00021	40.00	-240.00	0.00020
50.00	-240.00	0.00019	60.00	-240.00	0.00018
70.00	-240.00	0.00017	80.00	-240.00	0.00017
90.00	-240.00	0.00016	100.00	-240.00	0.00015
-100.00	-230.00	0.00035	-90.00	-230.00	0.00036
-80.00	-230.00	0.00038	-70.00	-230.00	0.00039
-60.00	-230.00	0.00039	-50.00	-230.00	0.00039
-40.00	-230.00	0.00038	-30.00	-230.00	0.00036
-25.00	-230.00	0.00035	-20.00	-230.00	0.00034
-17.00	-230.00	0.00033	-15.00	-230.00	0.00033
-13.00	-230.00	0.00032	-11.00	-230.00	0.00032
-9.00	-230.00	0.00031	9.00	-230.00	0.00027
11.00	-230.00	0.00026	13.00	-230.00	0.00026
15.00	-230.00	0.00026	17.00	-230.00	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00025	25.00	-230.00	0.00024
30.00	-230.00	0.00023	40.00	-230.00	0.00021
50.00	-230.00	0.00020	60.00	-230.00	0.00019
70.00	-230.00	0.00018	80.00	-230.00	0.00018
90.00	-230.00	0.00017	100.00	-230.00	0.00016
-100.00	-220.00	0.00037	-90.00	-220.00	0.00039
-80.00	-220.00	0.00040	-70.00	-220.00	0.00042
-60.00	-220.00	0.00042	-50.00	-220.00	0.00042
-40.00	-220.00	0.00041	-30.00	-220.00	0.00039
-25.00	-220.00	0.00038	-20.00	-220.00	0.00037
-17.00	-220.00	0.00036	-15.00	-220.00	0.00036
-13.00	-220.00	0.00035	-11.00	-220.00	0.00035
-9.00	-220.00	0.00034	9.00	-220.00	0.00029
11.00	-220.00	0.00029	13.00	-220.00	0.00028
15.00	-220.00	0.00028	17.00	-220.00	0.00027
20.00	-220.00	0.00027	25.00	-220.00	0.00025
30.00	-220.00	0.00025	40.00	-220.00	0.00023

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

50.00	-220.00	0.00022	60.00	-220.00	0.00021
70.00	-220.00	0.00020	80.00	-220.00	0.00019
90.00	-220.00	0.00018	100.00	-220.00	0.00017
-100.00	-210.00	0.00040	-90.00	-210.00	0.00041
-80.00	-210.00	0.00043	-70.00	-210.00	0.00045
-60.00	-210.00	0.00046	-50.00	-210.00	0.00046
-40.00	-210.00	0.00045	-30.00	-210.00	0.00043
-25.00	-210.00	0.00042	-20.00	-210.00	0.00041
-17.00	-210.00	0.00040	-15.00	-210.00	0.00039
-13.00	-210.00	0.00039	-11.00	-210.00	0.00038
-9.00	-210.00	0.00037	9.00	-210.00	0.00032
11.00	-210.00	0.00031	13.00	-210.00	0.00031
15.00	-210.00	0.00030	17.00	-210.00	0.00029
20.00	-210.00	0.00029	25.00	-210.00	0.00028
30.00	-210.00	0.00026	40.00	-210.00	0.00025
50.00	-210.00	0.00023	60.00	-210.00	0.00022
70.00	-210.00	0.00021	80.00	-210.00	0.00020
90.00	-210.00	0.00019	100.00	-210.00	0.00018
-100.00	-200.00	0.00043	-90.00	-200.00	0.00044
-80.00	-200.00	0.00046	-70.00	-200.00	0.00048
-60.00	-200.00	0.00050	-50.00	-200.00	0.00051
-40.00	-200.00	0.00050	-30.00	-200.00	0.00048
-25.00	-200.00	0.00046	-20.00	-200.00	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00044	-15.00	-200.00	0.00043
-13.00	-200.00	0.00042	-11.00	-200.00	0.00042
-9.00	-200.00	0.00041	9.00	-200.00	0.00035
11.00	-200.00	0.00034	13.00	-200.00	0.00033
15.00	-200.00	0.00033	17.00	-200.00	0.00032
20.00	-200.00	0.00031	25.00	-200.00	0.00030
30.00	-200.00	0.00029	40.00	-200.00	0.00027
50.00	-200.00	0.00025	60.00	-200.00	0.00024
70.00	-200.00	0.00023	80.00	-200.00	0.00022
90.00	-200.00	0.00021	100.00	-200.00	0.00019
-100.00	-190.00	0.00046	-90.00	-190.00	0.00048

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-80.00	-190.00	0.00050	-70.00	-190.00	0.00052
-60.00	-190.00	0.00054	-50.00	-190.00	0.00056
-40.00	-190.00	0.00055	-30.00	-190.00	0.00053
-25.00	-190.00	0.00052	-20.00	-190.00	0.00050
-17.00	-190.00	0.00049	-15.00	-190.00	0.00048
-13.00	-190.00	0.00047	-11.00	-190.00	0.00046
-9.00	-190.00	0.00045	9.00	-190.00	0.00038
11.00	-190.00	0.00037	13.00	-190.00	0.00036
15.00	-190.00	0.00036	17.00	-190.00	0.00035
20.00	-190.00	0.00034	25.00	-190.00	0.00032
30.00	-190.00	0.00031	40.00	-190.00	0.00029
50.00	-190.00	0.00027	60.00	-190.00	0.00026
70.00	-190.00	0.00025	80.00	-190.00	0.00023
90.00	-190.00	0.00022	100.00	-190.00	0.00020
-100.00	-180.00	0.00050	-90.00	-180.00	0.00052
-80.00	-180.00	0.00054	-70.00	-180.00	0.00057
-60.00	-180.00	0.00059	-50.00	-180.00	0.00061
-40.00	-180.00	0.00061	-30.00	-180.00	0.00059
-25.00	-180.00	0.00058	-20.00	-180.00	0.00056
-17.00	-180.00	0.00054	-15.00	-180.00	0.00053
-13.00	-180.00	0.00052	-11.00	-180.00	0.00051
-9.00	-180.00	0.00050	9.00	-180.00	0.00042
11.00	-180.00	0.00041	13.00	-180.00	0.00040
15.00	-180.00	0.00039	17.00	-180.00	0.00038
20.00	-180.00	0.00037	25.00	-180.00	0.00035
30.00	-180.00	0.00034	40.00	-180.00	0.00032
50.00	-180.00	0.00030	60.00	-180.00	0.00028
70.00	-180.00	0.00027	80.00	-180.00	0.00025
90.00	-180.00	0.00023	100.00	-180.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTS:
 PAGE 66

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00054	-90.00	-170.00	0.00056
-80.00	-170.00	0.00059	-70.00	-170.00	0.00062
-60.00	-170.00	0.00065	-50.00	-170.00	0.00067
-40.00	-170.00	0.00068	-30.00	-170.00	0.00066
-25.00	-170.00	0.00065	-20.00	-170.00	0.00062

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-17.00	-170.00	0.00061	-15.00	-170.00	0.00060
-13.00	-170.00	0.00059	-11.00	-170.00	0.00057
-9.00	-170.00	0.00056	9.00	-170.00	0.00046
11.00	-170.00	0.00045	13.00	-170.00	0.00044
15.00	-170.00	0.00043	17.00	-170.00	0.00042
20.00	-170.00	0.00041	25.00	-170.00	0.00039
30.00	-170.00	0.00037	40.00	-170.00	0.00035
50.00	-170.00	0.00033	60.00	-170.00	0.00031
70.00	-170.00	0.00029	80.00	-170.00	0.00027
90.00	-170.00	0.00024	100.00	-170.00	0.00022
-100.00	-160.00	0.00058	-90.00	-160.00	0.00061
-80.00	-160.00	0.00064	-70.00	-160.00	0.00067
-60.00	-160.00	0.00071	-50.00	-160.00	0.00074
-40.00	-160.00	0.00076	-30.00	-160.00	0.00075
-25.00	-160.00	0.00073	-20.00	-160.00	0.00070
-17.00	-160.00	0.00069	-15.00	-160.00	0.00067
-13.00	-160.00	0.00066	-11.00	-160.00	0.00065
-9.00	-160.00	0.00063	9.00	-160.00	0.00051
11.00	-160.00	0.00050	13.00	-160.00	0.00049
15.00	-160.00	0.00048	17.00	-160.00	0.00047
20.00	-160.00	0.00045	25.00	-160.00	0.00043
30.00	-160.00	0.00041	40.00	-160.00	0.00038
50.00	-160.00	0.00036	60.00	-160.00	0.00034
70.00	-160.00	0.00031	80.00	-160.00	0.00029
90.00	-160.00	0.00026	100.00	-160.00	0.00023
-100.00	-150.00	0.00064	-90.00	-150.00	0.00067
-80.00	-150.00	0.00070	-70.00	-150.00	0.00074
-60.00	-150.00	0.00078	-50.00	-150.00	0.00082
-40.00	-150.00	0.00085	-30.00	-150.00	0.00085
-25.00	-150.00	0.00083	-20.00	-150.00	0.00080
-17.00	-150.00	0.00078	-15.00	-150.00	0.00077
-13.00	-150.00	0.00075	-11.00	-150.00	0.00074
-9.00	-150.00	0.00072	9.00	-150.00	0.00057
11.00	-150.00	0.00056	13.00	-150.00	0.00054
15.00	-150.00	0.00053	17.00	-150.00	0.00052

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 67

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	-150.00	0.00050	25.00	-150.00	0.00048	
30.00	-150.00	0.00046	40.00	-150.00	0.00042	
50.00	-150.00	0.00040	60.00	-150.00	0.00037	
70.00	-150.00	0.00034	80.00	-150.00	0.00030	
90.00	-150.00	0.00026	100.00	-150.00	0.00023	
-100.00	-140.00	0.00069	-90.00	-140.00	0.00073	
-80.00	-140.00	0.00077	-70.00	-140.00	0.00082	
-60.00	-140.00	0.00086	-50.00	-140.00	0.00091	
-40.00	-140.00	0.00096	-30.00	-140.00	0.00097	
-25.00	-140.00	0.00095	-20.00	-140.00	0.00092	
-17.00	-140.00	0.00090	-15.00	-140.00	0.00088	
-13.00	-140.00	0.00086	-11.00	-140.00	0.00084	
-9.00	-140.00	0.00082	9.00	-140.00	0.00064	
11.00	-140.00	0.00062	13.00	-140.00	0.00061	
15.00	-140.00	0.00059	17.00	-140.00	0.00058	
20.00	-140.00	0.00056	25.00	-140.00	0.00053	
30.00	-140.00	0.00051	40.00	-140.00	0.00047	
50.00	-140.00	0.00044	60.00	-140.00	0.00040	
70.00	-140.00	0.00036	80.00	-140.00	0.00031	
90.00	-140.00	0.00027	100.00	-140.00	0.00023	
-100.00	-130.00	0.00075	-90.00	-130.00	0.00080	
-80.00	-130.00	0.00085	-70.00	-130.00	0.00091	
-60.00	-130.00	0.00096	-50.00	-130.00	0.00102	
-40.00	-130.00	0.00108	-30.00	-130.00	0.00111	
-25.00	-130.00	0.00110	-20.00	-130.00	0.00107	
-17.00	-130.00	0.00104	-15.00	-130.00	0.00102	
-13.00	-130.00	0.00100	-11.00	-130.00	0.00098	
-9.00	-130.00	0.00095	9.00	-130.00	0.00073	
11.00	-130.00	0.00071	13.00	-130.00	0.00069	
15.00	-130.00	0.00067	17.00	-130.00	0.00065	
20.00	-130.00	0.00063	25.00	-130.00	0.00060	
30.00	-130.00	0.00057	40.00	-130.00	0.00053	
50.00	-130.00	0.00048	60.00	-130.00	0.00043	
70.00	-130.00	0.00038	80.00	-130.00	0.00033	
90.00	-130.00	0.00028	100.00	-130.00	0.00024	
-100.00	-120.00	0.00082	-90.00	-120.00	0.00088	
-80.00	-120.00	0.00094	-70.00	-120.00	0.00101	
-60.00	-120.00	0.00108	-50.00	-120.00	0.00115	
-40.00	-120.00	0.00122	-30.00	-120.00	0.00127	
-25.00	-120.00	0.00127	-20.00	-120.00	0.00125	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:28:19
**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00122	-15.00	-120.00	0.00120
-13.00	-120.00	0.00117	-11.00	-120.00	0.00114
-9.00	-120.00	0.00111	9.00	-120.00	0.00083
11.00	-120.00	0.00081	13.00	-120.00	0.00078
15.00	-120.00	0.00076	17.00	-120.00	0.00074
20.00	-120.00	0.00071	25.00	-120.00	0.00068
30.00	-120.00	0.00064	40.00	-120.00	0.00059
50.00	-120.00	0.00053	60.00	-120.00	0.00046
70.00	-120.00	0.00040	80.00	-120.00	0.00034
90.00	-120.00	0.00028	100.00	-120.00	0.00024
-100.00	-110.00	0.00088	-90.00	-110.00	0.00096
-80.00	-110.00	0.00104	-70.00	-110.00	0.00113
-60.00	-110.00	0.00121	-50.00	-110.00	0.00130
-40.00	-110.00	0.00139	-30.00	-110.00	0.00146
-25.00	-110.00	0.00148	-20.00	-110.00	0.00147
-17.00	-110.00	0.00144	-15.00	-110.00	0.00142
-13.00	-110.00	0.00139	-11.00	-110.00	0.00135
-9.00	-110.00	0.00131	9.00	-110.00	0.00096
11.00	-110.00	0.00092	13.00	-110.00	0.00090
15.00	-110.00	0.00087	17.00	-110.00	0.00085
20.00	-110.00	0.00081	25.00	-110.00	0.00077
30.00	-110.00	0.00073	40.00	-110.00	0.00066
50.00	-110.00	0.00058	60.00	-110.00	0.00049
70.00	-110.00	0.00041	80.00	-110.00	0.00034
90.00	-110.00	0.00028	100.00	-110.00	0.00024
-100.00	-100.00	0.00094	-90.00	-100.00	0.00104
-80.00	-100.00	0.00114	-70.00	-100.00	0.00125
-60.00	-100.00	0.00136	-50.00	-100.00	0.00148
-40.00	-100.00	0.00159	-30.00	-100.00	0.00169
-25.00	-100.00	0.00173	-20.00	-100.00	0.00174
-17.00	-100.00	0.00172	-15.00	-100.00	0.00169
-13.00	-100.00	0.00166	-11.00	-100.00	0.00162
-9.00	-100.00	0.00157	9.00	-100.00	0.00111
11.00	-100.00	0.00107	13.00	-100.00	0.00103
15.00	-100.00	0.00100	17.00	-100.00	0.00098
20.00	-100.00	0.00094	25.00	-100.00	0.00089
30.00	-100.00	0.00084	40.00	-100.00	0.00073

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

50.00	-100.00	0.00062	60.00	-100.00	0.00051
70.00	-100.00	0.00042	80.00	-100.00	0.00034
90.00	-100.00	0.00029	100.00	-100.00	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:

PAGE 69

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00100	-90.00	-90.00	0.00112
-80.00	-90.00	0.00125	-70.00	-90.00	0.00138
-60.00	-90.00	0.00153	-50.00	-90.00	0.00168
-40.00	-90.00	0.00183	-30.00	-90.00	0.00197
-25.00	-90.00	0.00203	-20.00	-90.00	0.00206
-17.00	-90.00	0.00206	-15.00	-90.00	0.00204
-13.00	-90.00	0.00201	-11.00	-90.00	0.00196
-9.00	-90.00	0.00191	9.00	-90.00	0.00130
11.00	-90.00	0.00125	13.00	-90.00	0.00121
15.00	-90.00	0.00117	17.00	-90.00	0.00113
20.00	-90.00	0.00109	25.00	-90.00	0.00102
30.00	-90.00	0.00095	40.00	-90.00	0.00080
50.00	-90.00	0.00065	60.00	-90.00	0.00053
70.00	-90.00	0.00043	80.00	-90.00	0.00035
90.00	-90.00	0.00029	100.00	-90.00	0.00025
-100.00	-80.00	0.00106	-90.00	-80.00	0.00119
-80.00	-80.00	0.00135	-70.00	-80.00	0.00151
-60.00	-80.00	0.00170	-50.00	-80.00	0.00190
-40.00	-80.00	0.00211	-30.00	-80.00	0.00230
-25.00	-80.00	0.00238	-20.00	-80.00	0.00244
-17.00	-80.00	0.00246	-15.00	-80.00	0.00246
-13.00	-80.00	0.00244	-11.00	-80.00	0.00240
-9.00	-80.00	0.00235	9.00	-80.00	0.00153
11.00	-80.00	0.00147	13.00	-80.00	0.00142
15.00	-80.00	0.00137	17.00	-80.00	0.00133
20.00	-80.00	0.00127	25.00	-80.00	0.00116
30.00	-80.00	0.00105	40.00	-80.00	0.00085
50.00	-80.00	0.00068	60.00	-80.00	0.00054
70.00	-80.00	0.00044	80.00	-80.00	0.00036
90.00	-80.00	0.00030	100.00	-80.00	0.00026
-100.00	-70.00	0.00110	-90.00	-70.00	0.00126

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-80.00	-70.00	0.00144	-70.00	-70.00	0.00164
-60.00	-70.00	0.00187	-50.00	-70.00	0.00212
-40.00	-70.00	0.00241	-30.00	-70.00	0.00269
-25.00	-70.00	0.00281	-20.00	-70.00	0.00291
-17.00	-70.00	0.00295	-15.00	-70.00	0.00297
-13.00	-70.00	0.00297	-11.00	-70.00	0.00295
-9.00	-70.00	0.00290	9.00	-70.00	0.00182
11.00	-70.00	0.00174	13.00	-70.00	0.00167
15.00	-70.00	0.00161	17.00	-70.00	0.00154

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:

PAGE 70

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00144	25.00	-70.00	0.00128
30.00	-70.00	0.00113	40.00	-70.00	0.00089
50.00	-70.00	0.00070	60.00	-70.00	0.00056
70.00	-70.00	0.00046	80.00	-70.00	0.00038
90.00	-70.00	0.00032	100.00	-70.00	0.00027
-100.00	-60.00	0.00113	-90.00	-60.00	0.00130
-80.00	-60.00	0.00151	-70.00	-60.00	0.00174
-60.00	-60.00	0.00202	-50.00	-60.00	0.00234
-40.00	-60.00	0.00269	-30.00	-60.00	0.00308
-25.00	-60.00	0.00328	-20.00	-60.00	0.00345
-17.00	-60.00	0.00354	-15.00	-60.00	0.00359
-13.00	-60.00	0.00362	-11.00	-60.00	0.00363
-9.00	-60.00	0.00361	9.00	-60.00	0.00217
11.00	-60.00	0.00205	13.00	-60.00	0.00193
15.00	-60.00	0.00182	17.00	-60.00	0.00172
20.00	-60.00	0.00158	25.00	-60.00	0.00137
30.00	-60.00	0.00121	40.00	-60.00	0.00094
50.00	-60.00	0.00074	60.00	-60.00	0.00059
70.00	-60.00	0.00048	80.00	-60.00	0.00039
90.00	-60.00	0.00033	100.00	-60.00	0.00028
-100.00	-50.00	0.00113	-90.00	-50.00	0.00132
-80.00	-50.00	0.00154	-70.00	-50.00	0.00180
-60.00	-50.00	0.00212	-50.00	-50.00	0.00249
-40.00	-50.00	0.00292	-30.00	-50.00	0.00341
-25.00	-50.00	0.00369	-20.00	-50.00	0.00398

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-17.00	-50.00	0.00415	-15.00	-50.00	0.00426
-13.00	-50.00	0.00438	-11.00	-50.00	0.00450
-9.00	-50.00	0.00461	9.00	-50.00	0.00249
11.00	-50.00	0.00230	13.00	-50.00	0.00214
15.00	-50.00	0.00200	17.00	-50.00	0.00188
20.00	-50.00	0.00171	25.00	-50.00	0.00149
30.00	-50.00	0.00130	40.00	-50.00	0.00100
50.00	-50.00	0.00078	60.00	-50.00	0.00062
70.00	-50.00	0.00050	80.00	-50.00	0.00041
90.00	-50.00	0.00035	100.00	-50.00	0.00030
-100.00	-40.00	0.00112	-90.00	-40.00	0.00131
-80.00	-40.00	0.00154	-70.00	-40.00	0.00182
-60.00	-40.00	0.00216	-50.00	-40.00	0.00257
-40.00	-40.00	0.00304	-30.00	-40.00	0.00360
-25.00	-40.00	0.00392	-20.00	-40.00	0.00428

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:

PAGE 71

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00451	-15.00	-40.00	0.00468
-13.00	-40.00	0.00486	-11.00	-40.00	0.00507
-9.00	-40.00	0.00533	9.00	-40.00	0.00304
11.00	-40.00	0.00273	13.00	-40.00	0.00250
15.00	-40.00	0.00231	17.00	-40.00	0.00214
20.00	-40.00	0.00194	25.00	-40.00	0.00166
30.00	-40.00	0.00143	40.00	-40.00	0.00108
50.00	-40.00	0.00083	60.00	-40.00	0.00065
70.00	-40.00	0.00053	80.00	-40.00	0.00044
90.00	-40.00	0.00037	100.00	-40.00	0.00032
-100.00	-30.00	0.00109	-90.00	-30.00	0.00127
-80.00	-30.00	0.00151	-70.00	-30.00	0.00179
-60.00	-30.00	0.00214	-50.00	-30.00	0.00256
-40.00	-30.00	0.00305	-30.00	-30.00	0.00361
-25.00	-30.00	0.00393	-20.00	-30.00	0.00429
-17.00	-30.00	0.00454	-15.00	-30.00	0.00472
-13.00	-30.00	0.00492	-11.00	-30.00	0.00518
-9.00	-30.00	0.00555	9.00	-30.00	0.00421
11.00	-30.00	0.00368	13.00	-30.00	0.00329

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

15.00	-30.00	0.00297	17.00	-30.00	0.00271
20.00	-30.00	0.00239	25.00	-30.00	0.00197
30.00	-30.00	0.00166	40.00	-30.00	0.00121
50.00	-30.00	0.00091	60.00	-30.00	0.00071
70.00	-30.00	0.00057	80.00	-30.00	0.00048
90.00	-30.00	0.00040	100.00	-30.00	0.00035
-100.00	-20.00	0.00104	-90.00	-20.00	0.00122
-80.00	-20.00	0.00144	-70.00	-20.00	0.00172
-60.00	-20.00	0.00206	-50.00	-20.00	0.00247
-40.00	-20.00	0.00295	-30.00	-20.00	0.00350
-25.00	-20.00	0.00381	-20.00	-20.00	0.00419
-17.00	-20.00	0.00448	-15.00	-20.00	0.00472
-13.00	-20.00	0.00502	-11.00	-20.00	0.00541
-9.00	-20.00	0.00597	9.00	-20.00	0.00523
11.00	-20.00	0.00459	13.00	-20.00	0.00409
15.00	-20.00	0.00368	17.00	-20.00	0.00333
20.00	-20.00	0.00290	25.00	-20.00	0.00235
30.00	-20.00	0.00194	40.00	-20.00	0.00137
50.00	-20.00	0.00102	60.00	-20.00	0.00079
70.00	-20.00	0.00064	80.00	-20.00	0.00052
90.00	-20.00	0.00044	100.00	-20.00	0.00038

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00097	-90.00	-10.00	0.00114
-80.00	-10.00	0.00134	-70.00	-10.00	0.00160
-60.00	-10.00	0.00192	-50.00	-10.00	0.00231
-40.00	-10.00	0.00277	-30.00	-10.00	0.00331
-25.00	-10.00	0.00364	-20.00	-10.00	0.00408
-17.00	-10.00	0.00445	-15.00	-10.00	0.00477
-13.00	-10.00	0.00517	-11.00	-10.00	0.00568
-9.00	-10.00	0.00637	9.00	-10.00	0.00598
11.00	-10.00	0.00528	13.00	-10.00	0.00472
15.00	-10.00	0.00425	17.00	-10.00	0.00385
20.00	-10.00	0.00335	25.00	-10.00	0.00270
30.00	-10.00	0.00221	40.00	-10.00	0.00155
50.00	-10.00	0.00115	60.00	-10.00	0.00089

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

70.00	-10.00	0.00071	80.00	-10.00	0.00058
90.00	-10.00	0.00048	100.00	-10.00	0.00041
-100.00	0.00	0.00089	-90.00	0.00	0.00104
-80.00	0.00	0.00122	-70.00	0.00	0.00145
-60.00	0.00	0.00173	-50.00	0.00	0.00208
-40.00	0.00	0.00252	-30.00	0.00	0.00308
-25.00	0.00	0.00345	-20.00	0.00	0.00396
-17.00	0.00	0.00439	-15.00	0.00	0.00477
-13.00	0.00	0.00523	-11.00	0.00	0.00582
-9.00	0.00	0.00658	9.00	0.00	0.00648
11.00	0.00	0.00576	13.00	0.00	0.00517
15.00	0.00	0.00467	17.00	0.00	0.00423
20.00	0.00	0.00368	25.00	0.00	0.00296
30.00	0.00	0.00243	40.00	0.00	0.00172
50.00	0.00	0.00128	60.00	0.00	0.00099
70.00	0.00	0.00079	80.00	0.00	0.00064
90.00	0.00	0.00053	100.00	0.00	0.00044
-100.00	10.00	0.00080	-90.00	10.00	0.00092
-80.00	10.00	0.00108	-70.00	10.00	0.00128
-60.00	10.00	0.00152	-50.00	10.00	0.00182
-40.00	10.00	0.00222	-30.00	10.00	0.00279
-25.00	10.00	0.00320	-20.00	10.00	0.00377
-17.00	10.00	0.00424	-15.00	10.00	0.00465
-13.00	10.00	0.00515	-11.00	10.00	0.00578
-9.00	10.00	0.00658	9.00	10.00	0.00677
11.00	10.00	0.00604	13.00	10.00	0.00544
15.00	10.00	0.00493	17.00	10.00	0.00448

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00390	25.00	10.00	0.00317
30.00	10.00	0.00262	40.00	10.00	0.00189
50.00	10.00	0.00141	60.00	10.00	0.00109
70.00	10.00	0.00086	80.00	10.00	0.00069
90.00	10.00	0.00057	100.00	10.00	0.00047
-100.00	20.00	0.00070	-90.00	20.00	0.00080
-80.00	20.00	0.00093	-70.00	20.00	0.00109

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-60.00	20.00	0.00129	-50.00	20.00	0.00155
-40.00	20.00	0.00190	-30.00	20.00	0.00244
-25.00	20.00	0.00286	-20.00	20.00	0.00347
-17.00	20.00	0.00397	-15.00	20.00	0.00438
-13.00	20.00	0.00489	-11.00	20.00	0.00552
-9.00	20.00	0.00634	9.00	20.00	0.00688
11.00	20.00	0.00614	13.00	20.00	0.00555
15.00	20.00	0.00505	17.00	20.00	0.00461
20.00	20.00	0.00406	25.00	20.00	0.00333
30.00	20.00	0.00279	40.00	20.00	0.00203
50.00	20.00	0.00153	60.00	20.00	0.00117
70.00	20.00	0.00092	80.00	20.00	0.00074
90.00	20.00	0.00061	100.00	20.00	0.00050
-100.00	30.00	0.00061	-90.00	30.00	0.00069
-80.00	30.00	0.00079	-70.00	30.00	0.00091
-60.00	30.00	0.00106	-50.00	30.00	0.00127
-40.00	30.00	0.00157	-30.00	30.00	0.00207
-25.00	30.00	0.00246	-20.00	30.00	0.00304
-17.00	30.00	0.00352	-15.00	30.00	0.00393
-13.00	30.00	0.00443	-11.00	30.00	0.00505
-9.00	30.00	0.00586	9.00	30.00	0.00683
11.00	30.00	0.00612	13.00	30.00	0.00556
15.00	30.00	0.00510	17.00	30.00	0.00470
20.00	30.00	0.00418	25.00	30.00	0.00347
30.00	30.00	0.00291	40.00	30.00	0.00212
50.00	30.00	0.00160	60.00	30.00	0.00124
70.00	30.00	0.00098	80.00	30.00	0.00078
90.00	30.00	0.00064	100.00	30.00	0.00053
-100.00	40.00	0.00053	-90.00	40.00	0.00059
-80.00	40.00	0.00066	-70.00	40.00	0.00076
-60.00	40.00	0.00088	-50.00	40.00	0.00104
-40.00	40.00	0.00129	-30.00	40.00	0.00172
-25.00	40.00	0.00206	-20.00	40.00	0.00257

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00299	-15.00	40.00	0.00335

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-13.00	40.00	0.00378	-11.00	40.00	0.00433
-9.00	40.00	0.00504	9.00	40.00	0.00673
11.00	40.00	0.00609	13.00	40.00	0.00555
15.00	40.00	0.00512	17.00	40.00	0.00473
20.00	40.00	0.00423	25.00	40.00	0.00353
30.00	40.00	0.00298	40.00	40.00	0.00218
50.00	40.00	0.00166	60.00	40.00	0.00129
70.00	40.00	0.00102	80.00	40.00	0.00082
90.00	40.00	0.00067	100.00	40.00	0.00056
-100.00	50.00	0.00045	-90.00	50.00	0.00050
-80.00	50.00	0.00056	-70.00	50.00	0.00063
-60.00	50.00	0.00073	-50.00	50.00	0.00087
-40.00	50.00	0.00109	-30.00	50.00	0.00149
-25.00	50.00	0.00181	-20.00	50.00	0.00227
-17.00	50.00	0.00265	-15.00	50.00	0.00296
-13.00	50.00	0.00334	-11.00	50.00	0.00381
-9.00	50.00	0.00439	9.00	50.00	0.00629
11.00	50.00	0.00579	13.00	50.00	0.00535
15.00	50.00	0.00495	17.00	50.00	0.00460
20.00	50.00	0.00414	25.00	50.00	0.00349
30.00	50.00	0.00296	40.00	50.00	0.00220
50.00	50.00	0.00168	60.00	50.00	0.00131
70.00	50.00	0.00105	80.00	50.00	0.00085
90.00	50.00	0.00070	100.00	50.00	0.00058
-100.00	60.00	0.00038	-90.00	60.00	0.00042
-80.00	60.00	0.00047	-70.00	60.00	0.00053
-60.00	60.00	0.00061	-50.00	60.00	0.00075
-40.00	60.00	0.00097	-30.00	60.00	0.00138
-25.00	60.00	0.00171	-20.00	60.00	0.00218
-17.00	60.00	0.00257	-15.00	60.00	0.00289
-13.00	60.00	0.00326	-11.00	60.00	0.00369
-9.00	60.00	0.00417	9.00	60.00	0.00515
11.00	60.00	0.00489	13.00	60.00	0.00462
15.00	60.00	0.00436	17.00	60.00	0.00411
20.00	60.00	0.00376	25.00	60.00	0.00325
30.00	60.00	0.00281	40.00	60.00	0.00214
50.00	60.00	0.00165	60.00	60.00	0.00131
70.00	60.00	0.00105	80.00	60.00	0.00086
90.00	60.00	0.00071	100.00	60.00	0.00059

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	70.00	0.00033	-90.00	70.00	0.00036	
-80.00	70.00	0.00040	-70.00	70.00	0.00045	
-60.00	70.00	0.00054	-50.00	70.00	0.00068	
-40.00	70.00	0.00092	-30.00	70.00	0.00135	
-25.00	70.00	0.00169	-20.00	70.00	0.00215	
-17.00	70.00	0.00250	-15.00	70.00	0.00276	
-13.00	70.00	0.00305	-11.00	70.00	0.00335	
-9.00	70.00	0.00365	9.00	70.00	0.00413	
11.00	70.00	0.00399	13.00	70.00	0.00383	
15.00	70.00	0.00367	17.00	70.00	0.00351	
20.00	70.00	0.00327	25.00	70.00	0.00290	
30.00	70.00	0.00257	40.00	70.00	0.00201	
50.00	70.00	0.00159	60.00	70.00	0.00127	
70.00	70.00	0.00104	80.00	70.00	0.00086	
90.00	70.00	0.00071	100.00	70.00	0.00060	
-100.00	80.00	0.00028	-90.00	80.00	0.00031	
-80.00	80.00	0.00035	-70.00	80.00	0.00041	
-60.00	80.00	0.00050	-50.00	80.00	0.00065	
-40.00	80.00	0.00091	-30.00	80.00	0.00134	
-25.00	80.00	0.00165	-20.00	80.00	0.00205	
-17.00	80.00	0.00232	-15.00	80.00	0.00251	
-13.00	80.00	0.00270	-11.00	80.00	0.00289	
-9.00	80.00	0.00306	9.00	80.00	0.00334	
11.00	80.00	0.00325	13.00	80.00	0.00316	
15.00	80.00	0.00307	17.00	80.00	0.00297	
20.00	80.00	0.00281	25.00	80.00	0.00254	
30.00	80.00	0.00229	40.00	80.00	0.00185	
50.00	80.00	0.00149	60.00	80.00	0.00122	
70.00	80.00	0.00100	80.00	80.00	0.00084	
90.00	80.00	0.00071	100.00	80.00	0.00060	
-100.00	90.00	0.00025	-90.00	90.00	0.00028	
-80.00	90.00	0.00032	-70.00	90.00	0.00039	
-60.00	90.00	0.00049	-50.00	90.00	0.00064	
-40.00	90.00	0.00090	-30.00	90.00	0.00130	
-25.00	90.00	0.00157	-20.00	90.00	0.00188	
-17.00	90.00	0.00207	-15.00	90.00	0.00220	
-13.00	90.00	0.00233	-11.00	90.00	0.00245	
-9.00	90.00	0.00255	9.00	90.00	0.00273	
11.00	90.00	0.00268	13.00	90.00	0.00262	

15.00 90.00 0.00256 17.00 90.00 0.00250

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00240	25.00	90.00	0.00221
30.00	90.00	0.00202	40.00	90.00	0.00168
50.00	90.00	0.00139	60.00	90.00	0.00115
70.00	90.00	0.00096	80.00	90.00	0.00081
90.00	90.00	0.00069	100.00	90.00	0.00059
-100.00	100.00	0.00023	-90.00	100.00	0.00026
-80.00	100.00	0.00031	-70.00	100.00	0.00037
-60.00	100.00	0.00048	-50.00	100.00	0.00064
-40.00	100.00	0.00089	-30.00	100.00	0.00124
-25.00	100.00	0.00146	-20.00	100.00	0.00168
-17.00	100.00	0.00182	-15.00	100.00	0.00191
-13.00	100.00	0.00199	-11.00	100.00	0.00207
-9.00	100.00	0.00214	9.00	100.00	0.00227
11.00	100.00	0.00223	13.00	100.00	0.00220
15.00	100.00	0.00216	17.00	100.00	0.00211
20.00	100.00	0.00205	25.00	100.00	0.00192
30.00	100.00	0.00179	40.00	100.00	0.00151
50.00	100.00	0.00127	60.00	100.00	0.00107
70.00	100.00	0.00091	80.00	100.00	0.00077
90.00	100.00	0.00066	100.00	100.00	0.00057
-100.00	110.00	0.00021	-90.00	110.00	0.00025
-80.00	110.00	0.00030	-70.00	110.00	0.00037
-60.00	110.00	0.00048	-50.00	110.00	0.00064
-40.00	110.00	0.00086	-30.00	110.00	0.00116
-25.00	110.00	0.00133	-20.00	110.00	0.00149
-17.00	110.00	0.00159	-15.00	110.00	0.00165
-13.00	110.00	0.00171	-11.00	110.00	0.00177
-9.00	110.00	0.00181	9.00	110.00	0.00191
11.00	110.00	0.00188	13.00	110.00	0.00186
15.00	110.00	0.00183	17.00	110.00	0.00180
20.00	110.00	0.00176	25.00	110.00	0.00167
30.00	110.00	0.00157	40.00	110.00	0.00136
50.00	110.00	0.00117	60.00	110.00	0.00100

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

70.00	110.00	0.00086	80.00	110.00	0.00074
90.00	110.00	0.00064	100.00	110.00	0.00055
-100.00	120.00	0.00021	-90.00	120.00	0.00024
-80.00	120.00	0.00029	-70.00	120.00	0.00037
-60.00	120.00	0.00048	-50.00	120.00	0.00062
-40.00	120.00	0.00082	-30.00	120.00	0.00107
-25.00	120.00	0.00120	-20.00	120.00	0.00132

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00139	-15.00	120.00	0.00144
-13.00	120.00	0.00148	-11.00	120.00	0.00152
-9.00	120.00	0.00155	9.00	120.00	0.00162
11.00	120.00	0.00161	13.00	120.00	0.00159
15.00	120.00	0.00157	17.00	120.00	0.00155
20.00	120.00	0.00152	25.00	120.00	0.00145
30.00	120.00	0.00139	40.00	120.00	0.00123
50.00	120.00	0.00107	60.00	120.00	0.00092
70.00	120.00	0.00080	80.00	120.00	0.00070
90.00	120.00	0.00061	100.00	120.00	0.00053
-100.00	130.00	0.00020	-90.00	130.00	0.00024
-80.00	130.00	0.00029	-70.00	130.00	0.00037
-60.00	130.00	0.00047	-50.00	130.00	0.00061
-40.00	130.00	0.00078	-30.00	130.00	0.00098
-25.00	130.00	0.00108	-20.00	130.00	0.00117
-17.00	130.00	0.00122	-15.00	130.00	0.00126
-13.00	130.00	0.00129	-11.00	130.00	0.00132
-9.00	130.00	0.00134	9.00	130.00	0.00140
11.00	130.00	0.00139	13.00	130.00	0.00137
15.00	130.00	0.00136	17.00	130.00	0.00134
20.00	130.00	0.00132	25.00	130.00	0.00127
30.00	130.00	0.00122	40.00	130.00	0.00111
50.00	130.00	0.00098	60.00	130.00	0.00085
70.00	130.00	0.00075	80.00	130.00	0.00066
90.00	130.00	0.00058	100.00	130.00	0.00051
-100.00	140.00	0.00020	-90.00	140.00	0.00024
-80.00	140.00	0.00029	-70.00	140.00	0.00036

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-60.00	140.00	0.00046	-50.00	140.00	0.00058
-40.00	140.00	0.00073	-30.00	140.00	0.00089
-25.00	140.00	0.00097	-20.00	140.00	0.00104
-17.00	140.00	0.00108	-15.00	140.00	0.00111
-13.00	140.00	0.00113	-11.00	140.00	0.00115
-9.00	140.00	0.00117	9.00	140.00	0.00121
11.00	140.00	0.00121	13.00	140.00	0.00120
15.00	140.00	0.00119	17.00	140.00	0.00117
20.00	140.00	0.00116	25.00	140.00	0.00112
30.00	140.00	0.00108	40.00	140.00	0.00100
50.00	140.00	0.00090	60.00	140.00	0.00079
70.00	140.00	0.00070	80.00	140.00	0.00062
90.00	140.00	0.00055	100.00	140.00	0.00049

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:

PAGE 78

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00020	-90.00	150.00	0.00024
-80.00	150.00	0.00029	-70.00	150.00	0.00036
-60.00	150.00	0.00045	-50.00	150.00	0.00056
-40.00	150.00	0.00068	-30.00	150.00	0.00081
-25.00	150.00	0.00087	-20.00	150.00	0.00093
-17.00	150.00	0.00096	-15.00	150.00	0.00098
-13.00	150.00	0.00100	-11.00	150.00	0.00101
-9.00	150.00	0.00103	9.00	150.00	0.00107
11.00	150.00	0.00106	13.00	150.00	0.00105
15.00	150.00	0.00104	17.00	150.00	0.00104
20.00	150.00	0.00102	25.00	150.00	0.00099
30.00	150.00	0.00097	40.00	150.00	0.00090
50.00	150.00	0.00082	60.00	150.00	0.00073
70.00	150.00	0.00065	80.00	150.00	0.00058
90.00	150.00	0.00052	100.00	150.00	0.00046
-100.00	160.00	0.00020	-90.00	160.00	0.00024
-80.00	160.00	0.00029	-70.00	160.00	0.00035
-60.00	160.00	0.00044	-50.00	160.00	0.00053
-40.00	160.00	0.00064	-30.00	160.00	0.00074
-25.00	160.00	0.00079	-20.00	160.00	0.00083
-17.00	160.00	0.00086	-15.00	160.00	0.00087

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-13.00	160.00	0.00089	-11.00	160.00	0.00090
-9.00	160.00	0.00091	9.00	160.00	0.00094
11.00	160.00	0.00094	13.00	160.00	0.00093
15.00	160.00	0.00093	17.00	160.00	0.00092
20.00	160.00	0.00091	25.00	160.00	0.00089
30.00	160.00	0.00086	40.00	160.00	0.00081
50.00	160.00	0.00075	60.00	160.00	0.00068
70.00	160.00	0.00061	80.00	160.00	0.00054
90.00	160.00	0.00049	100.00	160.00	0.00044
-100.00	170.00	0.00020	-90.00	170.00	0.00024
-80.00	170.00	0.00028	-70.00	170.00	0.00035
-60.00	170.00	0.00042	-50.00	170.00	0.00050
-40.00	170.00	0.00059	-30.00	170.00	0.00067
-25.00	170.00	0.00071	-20.00	170.00	0.00075
-17.00	170.00	0.00077	-15.00	170.00	0.00078
-13.00	170.00	0.00079	-11.00	170.00	0.00081
-9.00	170.00	0.00081	9.00	170.00	0.00084
11.00	170.00	0.00084	13.00	170.00	0.00083
15.00	170.00	0.00083	17.00	170.00	0.00082

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 79

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00081	25.00	170.00	0.00080
30.00	170.00	0.00078	40.00	170.00	0.00074
50.00	170.00	0.00069	60.00	170.00	0.00063
70.00	170.00	0.00057	80.00	170.00	0.00051
90.00	170.00	0.00046	100.00	170.00	0.00042
-100.00	180.00	0.00020	-90.00	180.00	0.00023
-80.00	180.00	0.00028	-70.00	180.00	0.00034
-60.00	180.00	0.00040	-50.00	180.00	0.00047
-40.00	180.00	0.00055	-30.00	180.00	0.00062
-25.00	180.00	0.00065	-20.00	180.00	0.00068
-17.00	180.00	0.00070	-15.00	180.00	0.00071
-13.00	180.00	0.00072	-11.00	180.00	0.00072
-9.00	180.00	0.00073	9.00	180.00	0.00075
11.00	180.00	0.00075	13.00	180.00	0.00075
15.00	180.00	0.00074	17.00	180.00	0.00074

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

20.00	180.00	0.00073	25.00	180.00	0.00072
30.00	180.00	0.00070	40.00	180.00	0.00067
50.00	180.00	0.00063	60.00	180.00	0.00059
70.00	180.00	0.00054	80.00	180.00	0.00048
90.00	180.00	0.00044	100.00	180.00	0.00040
-100.00	190.00	0.00019	-90.00	190.00	0.00023
-80.00	190.00	0.00027	-70.00	190.00	0.00033
-60.00	190.00	0.00038	-50.00	190.00	0.00045
-40.00	190.00	0.00051	-30.00	190.00	0.00057
-25.00	190.00	0.00059	-20.00	190.00	0.00062
-17.00	190.00	0.00063	-15.00	190.00	0.00064
-13.00	190.00	0.00065	-11.00	190.00	0.00065
-9.00	190.00	0.00066	9.00	190.00	0.00068
11.00	190.00	0.00068	13.00	190.00	0.00068
15.00	190.00	0.00067	17.00	190.00	0.00067
20.00	190.00	0.00066	25.00	190.00	0.00065
30.00	190.00	0.00064	40.00	190.00	0.00061
50.00	190.00	0.00058	60.00	190.00	0.00054
70.00	190.00	0.00050	80.00	190.00	0.00046
90.00	190.00	0.00042	100.00	190.00	0.00038
-100.00	200.00	0.00019	-90.00	200.00	0.00023
-80.00	200.00	0.00027	-70.00	200.00	0.00031
-60.00	200.00	0.00037	-50.00	200.00	0.00042
-40.00	200.00	0.00047	-30.00	200.00	0.00052
-25.00	200.00	0.00054	-20.00	200.00	0.00056

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

16:28:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00058	-15.00	200.00	0.00058
-13.00	200.00	0.00059	-11.00	200.00	0.00059
-9.00	200.00	0.00060	9.00	200.00	0.00062
11.00	200.00	0.00061	13.00	200.00	0.00061
15.00	200.00	0.00061	17.00	200.00	0.00061
20.00	200.00	0.00060	25.00	200.00	0.00059
30.00	200.00	0.00058	40.00	200.00	0.00056
50.00	200.00	0.00053	60.00	200.00	0.00050
70.00	200.00	0.00047	80.00	200.00	0.00043

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

90.00	200.00	0.00039	100.00	200.00	0.00036
-100.00	210.00	0.00019	-90.00	210.00	0.00022
-80.00	210.00	0.00026	-70.00	210.00	0.00030
-60.00	210.00	0.00035	-50.00	210.00	0.00039
-40.00	210.00	0.00044	-30.00	210.00	0.00048
-25.00	210.00	0.00050	-20.00	210.00	0.00052
-17.00	210.00	0.00053	-15.00	210.00	0.00053
-13.00	210.00	0.00054	-11.00	210.00	0.00054
-9.00	210.00	0.00055	9.00	210.00	0.00056
11.00	210.00	0.00056	13.00	210.00	0.00056
15.00	210.00	0.00056	17.00	210.00	0.00055
20.00	210.00	0.00055	25.00	210.00	0.00054
30.00	210.00	0.00053	40.00	210.00	0.00051
50.00	210.00	0.00049	60.00	210.00	0.00047
70.00	210.00	0.00044	80.00	210.00	0.00041
90.00	210.00	0.00037	100.00	210.00	0.00034
-100.00	220.00	0.00019	-90.00	220.00	0.00022
-80.00	220.00	0.00025	-70.00	220.00	0.00029
-60.00	220.00	0.00033	-50.00	220.00	0.00037
-40.00	220.00	0.00041	-30.00	220.00	0.00045
-25.00	220.00	0.00046	-20.00	220.00	0.00048
-17.00	220.00	0.00048	-15.00	220.00	0.00049
-13.00	220.00	0.00049	-11.00	220.00	0.00050
-9.00	220.00	0.00050	9.00	220.00	0.00051
11.00	220.00	0.00051	13.00	220.00	0.00051
15.00	220.00	0.00051	17.00	220.00	0.00051
20.00	220.00	0.00050	25.00	220.00	0.00050
30.00	220.00	0.00049	40.00	220.00	0.00047
50.00	220.00	0.00046	60.00	220.00	0.00044
70.00	220.00	0.00041	80.00	220.00	0.00038
90.00	220.00	0.00036	100.00	220.00	0.00033

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
 PAGE 81

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00018	-90.00	230.00	0.00021
-80.00	230.00	0.00024	-70.00	230.00	0.00028
-60.00	230.00	0.00031	-50.00	230.00	0.00035

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-40.00	230.00	0.00038	-30.00	230.00	0.00041
-25.00	230.00	0.00043	-20.00	230.00	0.00044
-17.00	230.00	0.00045	-15.00	230.00	0.00045
-13.00	230.00	0.00045	-11.00	230.00	0.00046
-9.00	230.00	0.00046	9.00	230.00	0.00047
11.00	230.00	0.00047	13.00	230.00	0.00047
15.00	230.00	0.00047	17.00	230.00	0.00047
20.00	230.00	0.00046	25.00	230.00	0.00046
30.00	230.00	0.00045	40.00	230.00	0.00044
50.00	230.00	0.00042	60.00	230.00	0.00041
70.00	230.00	0.00039	80.00	230.00	0.00036
90.00	230.00	0.00034	100.00	230.00	0.00031
-100.00	240.00	0.00018	-90.00	240.00	0.00021
-80.00	240.00	0.00024	-70.00	240.00	0.00027
-60.00	240.00	0.00030	-50.00	240.00	0.00033
-40.00	240.00	0.00036	-30.00	240.00	0.00038
-25.00	240.00	0.00040	-20.00	240.00	0.00041
-17.00	240.00	0.00041	-15.00	240.00	0.00042
-13.00	240.00	0.00042	-11.00	240.00	0.00042
-9.00	240.00	0.00043	9.00	240.00	0.00044
11.00	240.00	0.00043	13.00	240.00	0.00043
15.00	240.00	0.00043	17.00	240.00	0.00043
20.00	240.00	0.00043	25.00	240.00	0.00042
30.00	240.00	0.00042	40.00	240.00	0.00041
50.00	240.00	0.00039	60.00	240.00	0.00038
70.00	240.00	0.00036	80.00	240.00	0.00034
90.00	240.00	0.00032	100.00	240.00	0.00030
-100.00	250.00	0.00018	-90.00	250.00	0.00020
-80.00	250.00	0.00023	-70.00	250.00	0.00026
-60.00	250.00	0.00028	-50.00	250.00	0.00031
-40.00	250.00	0.00033	-30.00	250.00	0.00036
-25.00	250.00	0.00037	-20.00	250.00	0.00038
-17.00	250.00	0.00038	-15.00	250.00	0.00039
-13.00	250.00	0.00039	-11.00	250.00	0.00039
-9.00	250.00	0.00039	9.00	250.00	0.00040
11.00	250.00	0.00040	13.00	250.00	0.00040
15.00	250.00	0.00040	17.00	250.00	0.00040

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTS:
 PAGE 82

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

02NCRA_NAPA95-300 DPM TRAV ANN N-S Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00040	25.00	250.00	0.00039
30.00	250.00	0.00039	40.00	250.00	0.00038
50.00	250.00	0.00037	60.00	250.00	0.00035
70.00	250.00	0.00034	80.00	250.00	0.00032
90.00	250.00	0.00030	100.00	250.00	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 83
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00058	-90.00	-250.00	0.00061
-80.00	-250.00	0.00064	-70.00	-250.00	0.00067
-60.00	-250.00	0.00071	-50.00	-250.00	0.00074
-40.00	-250.00	0.00076	-30.00	-250.00	0.00075
-25.00	-250.00	0.00073	-20.00	-250.00	0.00070
-17.00	-250.00	0.00069	-15.00	-250.00	0.00067
-13.00	-250.00	0.00066	-11.00	-250.00	0.00065
-9.00	-250.00	0.00063	9.00	-250.00	0.00051
11.00	-250.00	0.00050	13.00	-250.00	0.00049
15.00	-250.00	0.00048	17.00	-250.00	0.00047
20.00	-250.00	0.00045	25.00	-250.00	0.00043
30.00	-250.00	0.00041	40.00	-250.00	0.00038
50.00	-250.00	0.00036	60.00	-250.00	0.00034
70.00	-250.00	0.00031	80.00	-250.00	0.00029
90.00	-250.00	0.00026	100.00	-250.00	0.00023
-100.00	-240.00	0.00064	-90.00	-240.00	0.00067
-80.00	-240.00	0.00070	-70.00	-240.00	0.00074
-60.00	-240.00	0.00078	-50.00	-240.00	0.00082
-40.00	-240.00	0.00085	-30.00	-240.00	0.00085
-25.00	-240.00	0.00083	-20.00	-240.00	0.00080
-17.00	-240.00	0.00078	-15.00	-240.00	0.00077
-13.00	-240.00	0.00075	-11.00	-240.00	0.00074
-9.00	-240.00	0.00072	9.00	-240.00	0.00057
11.00	-240.00	0.00056	13.00	-240.00	0.00054
15.00	-240.00	0.00053	17.00	-240.00	0.00052
20.00	-240.00	0.00050	25.00	-240.00	0.00048

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

30.00	-240.00	0.00046	40.00	-240.00	0.00042
50.00	-240.00	0.00040	60.00	-240.00	0.00037
70.00	-240.00	0.00034	80.00	-240.00	0.00030
90.00	-240.00	0.00026	100.00	-240.00	0.00023
-100.00	-230.00	0.00069	-90.00	-230.00	0.00073
-80.00	-230.00	0.00077	-70.00	-230.00	0.00082
-60.00	-230.00	0.00086	-50.00	-230.00	0.00091
-40.00	-230.00	0.00096	-30.00	-230.00	0.00097
-25.00	-230.00	0.00095	-20.00	-230.00	0.00092
-17.00	-230.00	0.00090	-15.00	-230.00	0.00088
-13.00	-230.00	0.00086	-11.00	-230.00	0.00084
-9.00	-230.00	0.00082	9.00	-230.00	0.00064
11.00	-230.00	0.00062	13.00	-230.00	0.00061
15.00	-230.00	0.00059	17.00	-230.00	0.00058

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00056	25.00	-230.00	0.00053
30.00	-230.00	0.00051	40.00	-230.00	0.00047
50.00	-230.00	0.00044	60.00	-230.00	0.00040
70.00	-230.00	0.00036	80.00	-230.00	0.00031
90.00	-230.00	0.00027	100.00	-230.00	0.00023
-100.00	-220.00	0.00075	-90.00	-220.00	0.00080
-80.00	-220.00	0.00085	-70.00	-220.00	0.00091
-60.00	-220.00	0.00096	-50.00	-220.00	0.00102
-40.00	-220.00	0.00108	-30.00	-220.00	0.00111
-25.00	-220.00	0.00110	-20.00	-220.00	0.00107
-17.00	-220.00	0.00104	-15.00	-220.00	0.00102
-13.00	-220.00	0.00100	-11.00	-220.00	0.00098
-9.00	-220.00	0.00095	9.00	-220.00	0.00073
11.00	-220.00	0.00071	13.00	-220.00	0.00069
15.00	-220.00	0.00067	17.00	-220.00	0.00065
20.00	-220.00	0.00063	25.00	-220.00	0.00060
30.00	-220.00	0.00057	40.00	-220.00	0.00053
50.00	-220.00	0.00048	60.00	-220.00	0.00043
70.00	-220.00	0.00038	80.00	-220.00	0.00033
90.00	-220.00	0.00028	100.00	-220.00	0.00024

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-100.00	-210.00	0.00082	-90.00	-210.00	0.00088
-80.00	-210.00	0.00094	-70.00	-210.00	0.00101
-60.00	-210.00	0.00108	-50.00	-210.00	0.00115
-40.00	-210.00	0.00122	-30.00	-210.00	0.00127
-25.00	-210.00	0.00127	-20.00	-210.00	0.00125
-17.00	-210.00	0.00122	-15.00	-210.00	0.00120
-13.00	-210.00	0.00117	-11.00	-210.00	0.00114
-9.00	-210.00	0.00111	9.00	-210.00	0.00083
11.00	-210.00	0.00081	13.00	-210.00	0.00078
15.00	-210.00	0.00076	17.00	-210.00	0.00074
20.00	-210.00	0.00071	25.00	-210.00	0.00068
30.00	-210.00	0.00064	40.00	-210.00	0.00059
50.00	-210.00	0.00053	60.00	-210.00	0.00046
70.00	-210.00	0.00040	80.00	-210.00	0.00034
90.00	-210.00	0.00028	100.00	-210.00	0.00024
-100.00	-200.00	0.00088	-90.00	-200.00	0.00096
-80.00	-200.00	0.00104	-70.00	-200.00	0.00113
-60.00	-200.00	0.00121	-50.00	-200.00	0.00130
-40.00	-200.00	0.00139	-30.00	-200.00	0.00146
-25.00	-200.00	0.00148	-20.00	-200.00	0.00147

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTS:
 PAGE 85
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00144	-15.00	-200.00	0.00142
-13.00	-200.00	0.00139	-11.00	-200.00	0.00135
-9.00	-200.00	0.00131	9.00	-200.00	0.00096
11.00	-200.00	0.00092	13.00	-200.00	0.00090
15.00	-200.00	0.00087	17.00	-200.00	0.00085
20.00	-200.00	0.00081	25.00	-200.00	0.00077
30.00	-200.00	0.00073	40.00	-200.00	0.00066
50.00	-200.00	0.00058	60.00	-200.00	0.00049
70.00	-200.00	0.00041	80.00	-200.00	0.00034
90.00	-200.00	0.00028	100.00	-200.00	0.00024
-100.00	-190.00	0.00094	-90.00	-190.00	0.00104
-80.00	-190.00	0.00114	-70.00	-190.00	0.00125
-60.00	-190.00	0.00136	-50.00	-190.00	0.00148
-40.00	-190.00	0.00159	-30.00	-190.00	0.00169

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-25.00	-190.00	0.00173	-20.00	-190.00	0.00174
-17.00	-190.00	0.00172	-15.00	-190.00	0.00169
-13.00	-190.00	0.00166	-11.00	-190.00	0.00162
-9.00	-190.00	0.00157	9.00	-190.00	0.00111
11.00	-190.00	0.00107	13.00	-190.00	0.00103
15.00	-190.00	0.00100	17.00	-190.00	0.00098
20.00	-190.00	0.00094	25.00	-190.00	0.00089
30.00	-190.00	0.00084	40.00	-190.00	0.00073
50.00	-190.00	0.00062	60.00	-190.00	0.00051
70.00	-190.00	0.00042	80.00	-190.00	0.00034
90.00	-190.00	0.00029	100.00	-190.00	0.00024
-100.00	-180.00	0.00100	-90.00	-180.00	0.00112
-80.00	-180.00	0.00125	-70.00	-180.00	0.00138
-60.00	-180.00	0.00153	-50.00	-180.00	0.00168
-40.00	-180.00	0.00183	-30.00	-180.00	0.00197
-25.00	-180.00	0.00203	-20.00	-180.00	0.00206
-17.00	-180.00	0.00206	-15.00	-180.00	0.00204
-13.00	-180.00	0.00201	-11.00	-180.00	0.00196
-9.00	-180.00	0.00191	9.00	-180.00	0.00130
11.00	-180.00	0.00125	13.00	-180.00	0.00121
15.00	-180.00	0.00117	17.00	-180.00	0.00113
20.00	-180.00	0.00109	25.00	-180.00	0.00102
30.00	-180.00	0.00095	40.00	-180.00	0.00080
50.00	-180.00	0.00065	60.00	-180.00	0.00053
70.00	-180.00	0.00043	80.00	-180.00	0.00035
90.00	-180.00	0.00029	100.00	-180.00	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19
**MODELOPTS:
PAGE 86

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00106	-90.00	-170.00	0.00119
-80.00	-170.00	0.00135	-70.00	-170.00	0.00151
-60.00	-170.00	0.00170	-50.00	-170.00	0.00190
-40.00	-170.00	0.00211	-30.00	-170.00	0.00230
-25.00	-170.00	0.00238	-20.00	-170.00	0.00244
-17.00	-170.00	0.00246	-15.00	-170.00	0.00246
-13.00	-170.00	0.00244	-11.00	-170.00	0.00240
-9.00	-170.00	0.00235	9.00	-170.00	0.00153

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

11.00	-170.00	0.00147	13.00	-170.00	0.00142
15.00	-170.00	0.00137	17.00	-170.00	0.00133
20.00	-170.00	0.00127	25.00	-170.00	0.00116
30.00	-170.00	0.00105	40.00	-170.00	0.00085
50.00	-170.00	0.00068	60.00	-170.00	0.00054
70.00	-170.00	0.00044	80.00	-170.00	0.00036
90.00	-170.00	0.00030	100.00	-170.00	0.00026
-100.00	-160.00	0.00110	-90.00	-160.00	0.00126
-80.00	-160.00	0.00144	-70.00	-160.00	0.00164
-60.00	-160.00	0.00187	-50.00	-160.00	0.00212
-40.00	-160.00	0.00241	-30.00	-160.00	0.00269
-25.00	-160.00	0.00281	-20.00	-160.00	0.00291
-17.00	-160.00	0.00295	-15.00	-160.00	0.00297
-13.00	-160.00	0.00297	-11.00	-160.00	0.00295
-9.00	-160.00	0.00290	9.00	-160.00	0.00182
11.00	-160.00	0.00174	13.00	-160.00	0.00167
15.00	-160.00	0.00161	17.00	-160.00	0.00154
20.00	-160.00	0.00144	25.00	-160.00	0.00128
30.00	-160.00	0.00113	40.00	-160.00	0.00089
50.00	-160.00	0.00070	60.00	-160.00	0.00056
70.00	-160.00	0.00046	80.00	-160.00	0.00038
90.00	-160.00	0.00032	100.00	-160.00	0.00027
-100.00	-150.00	0.00113	-90.00	-150.00	0.00130
-80.00	-150.00	0.00151	-70.00	-150.00	0.00174
-60.00	-150.00	0.00202	-50.00	-150.00	0.00234
-40.00	-150.00	0.00269	-30.00	-150.00	0.00308
-25.00	-150.00	0.00328	-20.00	-150.00	0.00345
-17.00	-150.00	0.00354	-15.00	-150.00	0.00359
-13.00	-150.00	0.00362	-11.00	-150.00	0.00363
-9.00	-150.00	0.00361	9.00	-150.00	0.00217
11.00	-150.00	0.00205	13.00	-150.00	0.00193
15.00	-150.00	0.00182	17.00	-150.00	0.00172

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTS:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00158	25.00	-150.00	0.00137
30.00	-150.00	0.00121	40.00	-150.00	0.00094

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

50.00	-150.00	0.00074	60.00	-150.00	0.00059
70.00	-150.00	0.00048	80.00	-150.00	0.00039
90.00	-150.00	0.00033	100.00	-150.00	0.00028
-100.00	-140.00	0.00113	-90.00	-140.00	0.00132
-80.00	-140.00	0.00154	-70.00	-140.00	0.00180
-60.00	-140.00	0.00212	-50.00	-140.00	0.00249
-40.00	-140.00	0.00292	-30.00	-140.00	0.00341
-25.00	-140.00	0.00369	-20.00	-140.00	0.00398
-17.00	-140.00	0.00415	-15.00	-140.00	0.00426
-13.00	-140.00	0.00438	-11.00	-140.00	0.00450
-9.00	-140.00	0.00461	9.00	-140.00	0.00249
11.00	-140.00	0.00230	13.00	-140.00	0.00214
15.00	-140.00	0.00200	17.00	-140.00	0.00188
20.00	-140.00	0.00171	25.00	-140.00	0.00149
30.00	-140.00	0.00130	40.00	-140.00	0.00100
50.00	-140.00	0.00078	60.00	-140.00	0.00062
70.00	-140.00	0.00050	80.00	-140.00	0.00041
90.00	-140.00	0.00035	100.00	-140.00	0.00030
-100.00	-130.00	0.00112	-90.00	-130.00	0.00131
-80.00	-130.00	0.00154	-70.00	-130.00	0.00182
-60.00	-130.00	0.00216	-50.00	-130.00	0.00257
-40.00	-130.00	0.00304	-30.00	-130.00	0.00360
-25.00	-130.00	0.00392	-20.00	-130.00	0.00428
-17.00	-130.00	0.00451	-15.00	-130.00	0.00468
-13.00	-130.00	0.00486	-11.00	-130.00	0.00507
-9.00	-130.00	0.00533	9.00	-130.00	0.00304
11.00	-130.00	0.00273	13.00	-130.00	0.00250
15.00	-130.00	0.00231	17.00	-130.00	0.00214
20.00	-130.00	0.00194	25.00	-130.00	0.00166
30.00	-130.00	0.00143	40.00	-130.00	0.00108
50.00	-130.00	0.00083	60.00	-130.00	0.00065
70.00	-130.00	0.00053	80.00	-130.00	0.00044
90.00	-130.00	0.00037	100.00	-130.00	0.00032
-100.00	-120.00	0.00109	-90.00	-120.00	0.00127
-80.00	-120.00	0.00151	-70.00	-120.00	0.00179
-60.00	-120.00	0.00214	-50.00	-120.00	0.00256
-40.00	-120.00	0.00305	-30.00	-120.00	0.00361
-25.00	-120.00	0.00393	-20.00	-120.00	0.00429

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

02NCRA NAPA95-300_DPM_TRAV ANN N-S Bound
 INCLUDING SOURCE(S) : NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00454	-15.00	-120.00	0.00472
-13.00	-120.00	0.00492	-11.00	-120.00	0.00518
-9.00	-120.00	0.00555	9.00	-120.00	0.00421
11.00	-120.00	0.00368	13.00	-120.00	0.00329
15.00	-120.00	0.00297	17.00	-120.00	0.00271
20.00	-120.00	0.00239	25.00	-120.00	0.00197
30.00	-120.00	0.00166	40.00	-120.00	0.00121
50.00	-120.00	0.00091	60.00	-120.00	0.00071
70.00	-120.00	0.00057	80.00	-120.00	0.00048
90.00	-120.00	0.00040	100.00	-120.00	0.00035
-100.00	-110.00	0.00104	-90.00	-110.00	0.00122
-80.00	-110.00	0.00144	-70.00	-110.00	0.00172
-60.00	-110.00	0.00206	-50.00	-110.00	0.00247
-40.00	-110.00	0.00295	-30.00	-110.00	0.00350
-25.00	-110.00	0.00381	-20.00	-110.00	0.00419
-17.00	-110.00	0.00448	-15.00	-110.00	0.00472
-13.00	-110.00	0.00502	-11.00	-110.00	0.00541
-9.00	-110.00	0.00597	9.00	-110.00	0.00523
11.00	-110.00	0.00459	13.00	-110.00	0.00409
15.00	-110.00	0.00368	17.00	-110.00	0.00333
20.00	-110.00	0.00290	25.00	-110.00	0.00235
30.00	-110.00	0.00194	40.00	-110.00	0.00137
50.00	-110.00	0.00102	60.00	-110.00	0.00079
70.00	-110.00	0.00064	80.00	-110.00	0.00052
90.00	-110.00	0.00044	100.00	-110.00	0.00038
-100.00	-100.00	0.00097	-90.00	-100.00	0.00114
-80.00	-100.00	0.00134	-70.00	-100.00	0.00160
-60.00	-100.00	0.00192	-50.00	-100.00	0.00231
-40.00	-100.00	0.00277	-30.00	-100.00	0.00331
-25.00	-100.00	0.00364	-20.00	-100.00	0.00408
-17.00	-100.00	0.00445	-15.00	-100.00	0.00477
-13.00	-100.00	0.00517	-11.00	-100.00	0.00568
-9.00	-100.00	0.00637	9.00	-100.00	0.00598
11.00	-100.00	0.00528	13.00	-100.00	0.00472
15.00	-100.00	0.00425	17.00	-100.00	0.00385
20.00	-100.00	0.00335	25.00	-100.00	0.00270
30.00	-100.00	0.00221	40.00	-100.00	0.00155
50.00	-100.00	0.00115	60.00	-100.00	0.00089
70.00	-100.00	0.00071	80.00	-100.00	0.00058
90.00	-100.00	0.00048	100.00	-100.00	0.00041

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:28:19

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00089	-90.00	-90.00	0.00104
-80.00	-90.00	0.00122	-70.00	-90.00	0.00145
-60.00	-90.00	0.00173	-50.00	-90.00	0.00208
-40.00	-90.00	0.00252	-30.00	-90.00	0.00308
-25.00	-90.00	0.00345	-20.00	-90.00	0.00396
-17.00	-90.00	0.00439	-15.00	-90.00	0.00477
-13.00	-90.00	0.00523	-11.00	-90.00	0.00582
-9.00	-90.00	0.00658	9.00	-90.00	0.00648
11.00	-90.00	0.00576	13.00	-90.00	0.00517
15.00	-90.00	0.00467	17.00	-90.00	0.00423
20.00	-90.00	0.00368	25.00	-90.00	0.00296
30.00	-90.00	0.00243	40.00	-90.00	0.00172
50.00	-90.00	0.00128	60.00	-90.00	0.00099
70.00	-90.00	0.00079	80.00	-90.00	0.00064
90.00	-90.00	0.00053	100.00	-90.00	0.00044
-100.00	-80.00	0.00080	-90.00	-80.00	0.00092
-80.00	-80.00	0.00108	-70.00	-80.00	0.00128
-60.00	-80.00	0.00152	-50.00	-80.00	0.00182
-40.00	-80.00	0.00222	-30.00	-80.00	0.00279
-25.00	-80.00	0.00320	-20.00	-80.00	0.00377
-17.00	-80.00	0.00424	-15.00	-80.00	0.00465
-13.00	-80.00	0.00515	-11.00	-80.00	0.00578
-9.00	-80.00	0.00658	9.00	-80.00	0.00677
11.00	-80.00	0.00604	13.00	-80.00	0.00544
15.00	-80.00	0.00493	17.00	-80.00	0.00448
20.00	-80.00	0.00390	25.00	-80.00	0.00317
30.00	-80.00	0.00262	40.00	-80.00	0.00189
50.00	-80.00	0.00141	60.00	-80.00	0.00109
70.00	-80.00	0.00086	80.00	-80.00	0.00069
90.00	-80.00	0.00057	100.00	-80.00	0.00047
-100.00	-70.00	0.00070	-90.00	-70.00	0.00080
-80.00	-70.00	0.00093	-70.00	-70.00	0.00109
-60.00	-70.00	0.00129	-50.00	-70.00	0.00155
-40.00	-70.00	0.00190	-30.00	-70.00	0.00244

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-25.00	-70.00	0.00286	-20.00	-70.00	0.00347
-17.00	-70.00	0.00397	-15.00	-70.00	0.00438
-13.00	-70.00	0.00489	-11.00	-70.00	0.00552
-9.00	-70.00	0.00634	9.00	-70.00	0.00688
11.00	-70.00	0.00614	13.00	-70.00	0.00555
15.00	-70.00	0.00505	17.00	-70.00	0.00461

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00406	25.00	-70.00	0.00333
30.00	-70.00	0.00279	40.00	-70.00	0.00203
50.00	-70.00	0.00153	60.00	-70.00	0.00117
70.00	-70.00	0.00092	80.00	-70.00	0.00074
90.00	-70.00	0.00061	100.00	-70.00	0.00050
-100.00	-60.00	0.00061	-90.00	-60.00	0.00069
-80.00	-60.00	0.00079	-70.00	-60.00	0.00091
-60.00	-60.00	0.00106	-50.00	-60.00	0.00127
-40.00	-60.00	0.00157	-30.00	-60.00	0.00207
-25.00	-60.00	0.00246	-20.00	-60.00	0.00304
-17.00	-60.00	0.00352	-15.00	-60.00	0.00393
-13.00	-60.00	0.00443	-11.00	-60.00	0.00505
-9.00	-60.00	0.00586	9.00	-60.00	0.00683
11.00	-60.00	0.00612	13.00	-60.00	0.00556
15.00	-60.00	0.00510	17.00	-60.00	0.00470
20.00	-60.00	0.00418	25.00	-60.00	0.00347
30.00	-60.00	0.00291	40.00	-60.00	0.00212
50.00	-60.00	0.00160	60.00	-60.00	0.00124
70.00	-60.00	0.00098	80.00	-60.00	0.00078
90.00	-60.00	0.00064	100.00	-60.00	0.00053
-100.00	-50.00	0.00053	-90.00	-50.00	0.00059
-80.00	-50.00	0.00066	-70.00	-50.00	0.00076
-60.00	-50.00	0.00088	-50.00	-50.00	0.00104
-40.00	-50.00	0.00129	-30.00	-50.00	0.00172
-25.00	-50.00	0.00206	-20.00	-50.00	0.00257
-17.00	-50.00	0.00299	-15.00	-50.00	0.00335
-13.00	-50.00	0.00378	-11.00	-50.00	0.00433
-9.00	-50.00	0.00504	9.00	-50.00	0.00673

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

11.00	-50.00	0.00609	13.00	-50.00	0.00555
15.00	-50.00	0.00512	17.00	-50.00	0.00473
20.00	-50.00	0.00423	25.00	-50.00	0.00353
30.00	-50.00	0.00298	40.00	-50.00	0.00218
50.00	-50.00	0.00166	60.00	-50.00	0.00129
70.00	-50.00	0.00102	80.00	-50.00	0.00082
90.00	-50.00	0.00067	100.00	-50.00	0.00056
-100.00	-40.00	0.00045	-90.00	-40.00	0.00050
-80.00	-40.00	0.00056	-70.00	-40.00	0.00063
-60.00	-40.00	0.00073	-50.00	-40.00	0.00087
-40.00	-40.00	0.00109	-30.00	-40.00	0.00149
-25.00	-40.00	0.00181	-20.00	-40.00	0.00227

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00265	-15.00	-40.00	0.00296
-13.00	-40.00	0.00334	-11.00	-40.00	0.00381
-9.00	-40.00	0.00439	9.00	-40.00	0.00629
11.00	-40.00	0.00579	13.00	-40.00	0.00535
15.00	-40.00	0.00495	17.00	-40.00	0.00460
20.00	-40.00	0.00414	25.00	-40.00	0.00349
30.00	-40.00	0.00296	40.00	-40.00	0.00220
50.00	-40.00	0.00168	60.00	-40.00	0.00131
70.00	-40.00	0.00105	80.00	-40.00	0.00085
90.00	-40.00	0.00070	100.00	-40.00	0.00058
-100.00	-30.00	0.00038	-90.00	-30.00	0.00042
-80.00	-30.00	0.00047	-70.00	-30.00	0.00053
-60.00	-30.00	0.00061	-50.00	-30.00	0.00075
-40.00	-30.00	0.00097	-30.00	-30.00	0.00138
-25.00	-30.00	0.00171	-20.00	-30.00	0.00218
-17.00	-30.00	0.00257	-15.00	-30.00	0.00289
-13.00	-30.00	0.00326	-11.00	-30.00	0.00369
-9.00	-30.00	0.00417	9.00	-30.00	0.00515
11.00	-30.00	0.00489	13.00	-30.00	0.00462
15.00	-30.00	0.00436	17.00	-30.00	0.00411
20.00	-30.00	0.00376	25.00	-30.00	0.00325
30.00	-30.00	0.00281	40.00	-30.00	0.00214

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

50.00	-30.00	0.00165	60.00	-30.00	0.00131
70.00	-30.00	0.00105	80.00	-30.00	0.00086
90.00	-30.00	0.00071	100.00	-30.00	0.00059
-100.00	-20.00	0.00033	-90.00	-20.00	0.00036
-80.00	-20.00	0.00040	-70.00	-20.00	0.00045
-60.00	-20.00	0.00054	-50.00	-20.00	0.00068
-40.00	-20.00	0.00092	-30.00	-20.00	0.00135
-25.00	-20.00	0.00169	-20.00	-20.00	0.00215
-17.00	-20.00	0.00250	-15.00	-20.00	0.00276
-13.00	-20.00	0.00305	-11.00	-20.00	0.00335
-9.00	-20.00	0.00365	9.00	-20.00	0.00413
11.00	-20.00	0.00399	13.00	-20.00	0.00383
15.00	-20.00	0.00367	17.00	-20.00	0.00351
20.00	-20.00	0.00327	25.00	-20.00	0.00290
30.00	-20.00	0.00257	40.00	-20.00	0.00201
50.00	-20.00	0.00159	60.00	-20.00	0.00127
70.00	-20.00	0.00104	80.00	-20.00	0.00086
90.00	-20.00	0.00071	100.00	-20.00	0.00060

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00028	-90.00	-10.00	0.00031
-80.00	-10.00	0.00035	-70.00	-10.00	0.00041
-60.00	-10.00	0.00050	-50.00	-10.00	0.00065
-40.00	-10.00	0.00091	-30.00	-10.00	0.00134
-25.00	-10.00	0.00165	-20.00	-10.00	0.00205
-17.00	-10.00	0.00232	-15.00	-10.00	0.00251
-13.00	-10.00	0.00270	-11.00	-10.00	0.00289
-9.00	-10.00	0.00306	9.00	-10.00	0.00334
11.00	-10.00	0.00325	13.00	-10.00	0.00316
15.00	-10.00	0.00307	17.00	-10.00	0.00297
20.00	-10.00	0.00281	25.00	-10.00	0.00254
30.00	-10.00	0.00229	40.00	-10.00	0.00185
50.00	-10.00	0.00149	60.00	-10.00	0.00122
70.00	-10.00	0.00100	80.00	-10.00	0.00084
90.00	-10.00	0.00071	100.00	-10.00	0.00060
-100.00	0.00	0.00025	-90.00	0.00	0.00028

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-80.00	0.00	0.00032	-70.00	0.00	0.00039
-60.00	0.00	0.00049	-50.00	0.00	0.00064
-40.00	0.00	0.00090	-30.00	0.00	0.00130
-25.00	0.00	0.00157	-20.00	0.00	0.00188
-17.00	0.00	0.00207	-15.00	0.00	0.00220
-13.00	0.00	0.00233	-11.00	0.00	0.00245
-9.00	0.00	0.00255	9.00	0.00	0.00273
11.00	0.00	0.00268	13.00	0.00	0.00262
15.00	0.00	0.00256	17.00	0.00	0.00250
20.00	0.00	0.00240	25.00	0.00	0.00221
30.00	0.00	0.00202	40.00	0.00	0.00168
50.00	0.00	0.00139	60.00	0.00	0.00115
70.00	0.00	0.00096	80.00	0.00	0.00081
90.00	0.00	0.00069	100.00	0.00	0.00059
-100.00	10.00	0.00023	-90.00	10.00	0.00026
-80.00	10.00	0.00031	-70.00	10.00	0.00037
-60.00	10.00	0.00048	-50.00	10.00	0.00064
-40.00	10.00	0.00089	-30.00	10.00	0.00124
-25.00	10.00	0.00146	-20.00	10.00	0.00168
-17.00	10.00	0.00182	-15.00	10.00	0.00191
-13.00	10.00	0.00199	-11.00	10.00	0.00207
-9.00	10.00	0.00214	9.00	10.00	0.00227
11.00	10.00	0.00223	13.00	10.00	0.00220
15.00	10.00	0.00216	17.00	10.00	0.00211

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
 PAGE 93
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00205	25.00	10.00	0.00192
30.00	10.00	0.00179	40.00	10.00	0.00151
50.00	10.00	0.00127	60.00	10.00	0.00107
70.00	10.00	0.00091	80.00	10.00	0.00077
90.00	10.00	0.00066	100.00	10.00	0.00057
-100.00	20.00	0.00021	-90.00	20.00	0.00025
-80.00	20.00	0.00030	-70.00	20.00	0.00037
-60.00	20.00	0.00048	-50.00	20.00	0.00064
-40.00	20.00	0.00086	-30.00	20.00	0.00116
-25.00	20.00	0.00133	-20.00	20.00	0.00149

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-17.00	20.00	0.00159	-15.00	20.00	0.00165
-13.00	20.00	0.00171	-11.00	20.00	0.00177
-9.00	20.00	0.00181	9.00	20.00	0.00191
11.00	20.00	0.00188	13.00	20.00	0.00186
15.00	20.00	0.00183	17.00	20.00	0.00180
20.00	20.00	0.00176	25.00	20.00	0.00167
30.00	20.00	0.00157	40.00	20.00	0.00136
50.00	20.00	0.00117	60.00	20.00	0.00100
70.00	20.00	0.00086	80.00	20.00	0.00074
90.00	20.00	0.00064	100.00	20.00	0.00055
-100.00	30.00	0.00021	-90.00	30.00	0.00024
-80.00	30.00	0.00029	-70.00	30.00	0.00037
-60.00	30.00	0.00048	-50.00	30.00	0.00062
-40.00	30.00	0.00082	-30.00	30.00	0.00107
-25.00	30.00	0.00120	-20.00	30.00	0.00132
-17.00	30.00	0.00139	-15.00	30.00	0.00144
-13.00	30.00	0.00148	-11.00	30.00	0.00152
-9.00	30.00	0.00155	9.00	30.00	0.00162
11.00	30.00	0.00161	13.00	30.00	0.00159
15.00	30.00	0.00157	17.00	30.00	0.00155
20.00	30.00	0.00152	25.00	30.00	0.00145
30.00	30.00	0.00139	40.00	30.00	0.00123
50.00	30.00	0.00107	60.00	30.00	0.00092
70.00	30.00	0.00080	80.00	30.00	0.00070
90.00	30.00	0.00061	100.00	30.00	0.00053
-100.00	40.00	0.00020	-90.00	40.00	0.00024
-80.00	40.00	0.00029	-70.00	40.00	0.00037
-60.00	40.00	0.00047	-50.00	40.00	0.00061
-40.00	40.00	0.00078	-30.00	40.00	0.00098
-25.00	40.00	0.00108	-20.00	40.00	0.00117

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00122	-15.00	40.00	0.00126
-13.00	40.00	0.00129	-11.00	40.00	0.00132
-9.00	40.00	0.00134	9.00	40.00	0.00140
11.00	40.00	0.00139	13.00	40.00	0.00137

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

15.00	40.00	0.00136	17.00	40.00	0.00134
20.00	40.00	0.00132	25.00	40.00	0.00127
30.00	40.00	0.00122	40.00	40.00	0.00111
50.00	40.00	0.00098	60.00	40.00	0.00085
70.00	40.00	0.00075	80.00	40.00	0.00066
90.00	40.00	0.00058	100.00	40.00	0.00051
-100.00	50.00	0.00020	-90.00	50.00	0.00024
-80.00	50.00	0.00029	-70.00	50.00	0.00036
-60.00	50.00	0.00046	-50.00	50.00	0.00058
-40.00	50.00	0.00073	-30.00	50.00	0.00089
-25.00	50.00	0.00097	-20.00	50.00	0.00104
-17.00	50.00	0.00108	-15.00	50.00	0.00111
-13.00	50.00	0.00113	-11.00	50.00	0.00115
-9.00	50.00	0.00117	9.00	50.00	0.00121
11.00	50.00	0.00121	13.00	50.00	0.00120
15.00	50.00	0.00119	17.00	50.00	0.00117
20.00	50.00	0.00116	25.00	50.00	0.00112
30.00	50.00	0.00108	40.00	50.00	0.00100
50.00	50.00	0.00090	60.00	50.00	0.00079
70.00	50.00	0.00070	80.00	50.00	0.00062
90.00	50.00	0.00055	100.00	50.00	0.00049
-100.00	60.00	0.00020	-90.00	60.00	0.00024
-80.00	60.00	0.00029	-70.00	60.00	0.00036
-60.00	60.00	0.00045	-50.00	60.00	0.00056
-40.00	60.00	0.00068	-30.00	60.00	0.00081
-25.00	60.00	0.00087	-20.00	60.00	0.00093
-17.00	60.00	0.00096	-15.00	60.00	0.00098
-13.00	60.00	0.00100	-11.00	60.00	0.00101
-9.00	60.00	0.00103	9.00	60.00	0.00107
11.00	60.00	0.00106	13.00	60.00	0.00105
15.00	60.00	0.00104	17.00	60.00	0.00104
20.00	60.00	0.00102	25.00	60.00	0.00099
30.00	60.00	0.00097	40.00	60.00	0.00090
50.00	60.00	0.00082	60.00	60.00	0.00073
70.00	60.00	0.00065	80.00	60.00	0.00058
90.00	60.00	0.00052	100.00	60.00	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

02NCRA_NAPA95-300_DPM_TRAV ANN N-S Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00020	-90.00	70.00	0.00024
-80.00	70.00	0.00029	-70.00	70.00	0.00035
-60.00	70.00	0.00044	-50.00	70.00	0.00053
-40.00	70.00	0.00064	-30.00	70.00	0.00074
-25.00	70.00	0.00079	-20.00	70.00	0.00083
-17.00	70.00	0.00086	-15.00	70.00	0.00087
-13.00	70.00	0.00089	-11.00	70.00	0.00090
-9.00	70.00	0.00091	9.00	70.00	0.00094
11.00	70.00	0.00094	13.00	70.00	0.00093
15.00	70.00	0.00093	17.00	70.00	0.00092
20.00	70.00	0.00091	25.00	70.00	0.00089
30.00	70.00	0.00086	40.00	70.00	0.00081
50.00	70.00	0.00075	60.00	70.00	0.00068
70.00	70.00	0.00061	80.00	70.00	0.00054
90.00	70.00	0.00049	100.00	70.00	0.00044
-100.00	80.00	0.00020	-90.00	80.00	0.00024
-80.00	80.00	0.00028	-70.00	80.00	0.00035
-60.00	80.00	0.00042	-50.00	80.00	0.00050
-40.00	80.00	0.00059	-30.00	80.00	0.00067
-25.00	80.00	0.00071	-20.00	80.00	0.00075
-17.00	80.00	0.00077	-15.00	80.00	0.00078
-13.00	80.00	0.00079	-11.00	80.00	0.00081
-9.00	80.00	0.00081	9.00	80.00	0.00084
11.00	80.00	0.00084	13.00	80.00	0.00083
15.00	80.00	0.00083	17.00	80.00	0.00082
20.00	80.00	0.00081	25.00	80.00	0.00080
30.00	80.00	0.00078	40.00	80.00	0.00074
50.00	80.00	0.00069	60.00	80.00	0.00063
70.00	80.00	0.00057	80.00	80.00	0.00051
90.00	80.00	0.00046	100.00	80.00	0.00042
-100.00	90.00	0.00020	-90.00	90.00	0.00023
-80.00	90.00	0.00028	-70.00	90.00	0.00034
-60.00	90.00	0.00040	-50.00	90.00	0.00047
-40.00	90.00	0.00055	-30.00	90.00	0.00062
-25.00	90.00	0.00065	-20.00	90.00	0.00068
-17.00	90.00	0.00070	-15.00	90.00	0.00071
-13.00	90.00	0.00072	-11.00	90.00	0.00072
-9.00	90.00	0.00073	9.00	90.00	0.00075
11.00	90.00	0.00075	13.00	90.00	0.00075
15.00	90.00	0.00074	17.00	90.00	0.00074

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	90.00	0.00073	25.00	90.00	0.00072	
30.00	90.00	0.00070	40.00	90.00	0.00067	
50.00	90.00	0.00063	60.00	90.00	0.00059	
70.00	90.00	0.00054	80.00	90.00	0.00048	
90.00	90.00	0.00044	100.00	90.00	0.00040	
-100.00	100.00	0.00019	-90.00	100.00	0.00023	
-80.00	100.00	0.00027	-70.00	100.00	0.00033	
-60.00	100.00	0.00038	-50.00	100.00	0.00045	
-40.00	100.00	0.00051	-30.00	100.00	0.00057	
-25.00	100.00	0.00059	-20.00	100.00	0.00062	
-17.00	100.00	0.00063	-15.00	100.00	0.00064	
-13.00	100.00	0.00065	-11.00	100.00	0.00065	
-9.00	100.00	0.00066	9.00	100.00	0.00068	
11.00	100.00	0.00068	13.00	100.00	0.00068	
15.00	100.00	0.00067	17.00	100.00	0.00067	
20.00	100.00	0.00066	25.00	100.00	0.00065	
30.00	100.00	0.00064	40.00	100.00	0.00061	
50.00	100.00	0.00058	60.00	100.00	0.00054	
70.00	100.00	0.00050	80.00	100.00	0.00046	
90.00	100.00	0.00042	100.00	100.00	0.00038	
-100.00	110.00	0.00019	-90.00	110.00	0.00023	
-80.00	110.00	0.00027	-70.00	110.00	0.00031	
-60.00	110.00	0.00037	-50.00	110.00	0.00042	
-40.00	110.00	0.00047	-30.00	110.00	0.00052	
-25.00	110.00	0.00054	-20.00	110.00	0.00056	
-17.00	110.00	0.00058	-15.00	110.00	0.00058	
-13.00	110.00	0.00059	-11.00	110.00	0.00059	
-9.00	110.00	0.00060	9.00	110.00	0.00062	
11.00	110.00	0.00061	13.00	110.00	0.00061	
15.00	110.00	0.00061	17.00	110.00	0.00061	
20.00	110.00	0.00060	25.00	110.00	0.00059	
30.00	110.00	0.00058	40.00	110.00	0.00056	
50.00	110.00	0.00053	60.00	110.00	0.00050	
70.00	110.00	0.00047	80.00	110.00	0.00043	
90.00	110.00	0.00039	100.00	110.00	0.00036	
-100.00	120.00	0.00019	-90.00	120.00	0.00022	

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-80.00	120.00	0.00026	-70.00	120.00	0.00030
-60.00	120.00	0.00035	-50.00	120.00	0.00039
-40.00	120.00	0.00044	-30.00	120.00	0.00048
-25.00	120.00	0.00050	-20.00	120.00	0.00052

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00053	-15.00	120.00	0.00053
-13.00	120.00	0.00054	-11.00	120.00	0.00054
-9.00	120.00	0.00055	9.00	120.00	0.00056
11.00	120.00	0.00056	13.00	120.00	0.00056
15.00	120.00	0.00056	17.00	120.00	0.00055
20.00	120.00	0.00055	25.00	120.00	0.00054
30.00	120.00	0.00053	40.00	120.00	0.00051
50.00	120.00	0.00049	60.00	120.00	0.00047
70.00	120.00	0.00044	80.00	120.00	0.00041
90.00	120.00	0.00037	100.00	120.00	0.00034
-100.00	130.00	0.00019	-90.00	130.00	0.00022
-80.00	130.00	0.00025	-70.00	130.00	0.00029
-60.00	130.00	0.00033	-50.00	130.00	0.00037
-40.00	130.00	0.00041	-30.00	130.00	0.00045
-25.00	130.00	0.00046	-20.00	130.00	0.00048
-17.00	130.00	0.00048	-15.00	130.00	0.00049
-13.00	130.00	0.00049	-11.00	130.00	0.00050
-9.00	130.00	0.00050	9.00	130.00	0.00051
11.00	130.00	0.00051	13.00	130.00	0.00051
15.00	130.00	0.00051	17.00	130.00	0.00051
20.00	130.00	0.00050	25.00	130.00	0.00050
30.00	130.00	0.00049	40.00	130.00	0.00047
50.00	130.00	0.00046	60.00	130.00	0.00044
70.00	130.00	0.00041	80.00	130.00	0.00038
90.00	130.00	0.00036	100.00	130.00	0.00033
-100.00	140.00	0.00018	-90.00	140.00	0.00021
-80.00	140.00	0.00024	-70.00	140.00	0.00028
-60.00	140.00	0.00031	-50.00	140.00	0.00035
-40.00	140.00	0.00038	-30.00	140.00	0.00041
-25.00	140.00	0.00043	-20.00	140.00	0.00044

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-17.00	140.00	0.00045	-15.00	140.00	0.00045
-13.00	140.00	0.00045	-11.00	140.00	0.00046
-9.00	140.00	0.00046	9.00	140.00	0.00047
11.00	140.00	0.00047	13.00	140.00	0.00047
15.00	140.00	0.00047	17.00	140.00	0.00047
20.00	140.00	0.00046	25.00	140.00	0.00046
30.00	140.00	0.00045	40.00	140.00	0.00044
50.00	140.00	0.00042	60.00	140.00	0.00041
70.00	140.00	0.00039	80.00	140.00	0.00036
90.00	140.00	0.00034	100.00	140.00	0.00031

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00018	-90.00	150.00	0.00021
-80.00	150.00	0.00024	-70.00	150.00	0.00027
-60.00	150.00	0.00030	-50.00	150.00	0.00033
-40.00	150.00	0.00036	-30.00	150.00	0.00038
-25.00	150.00	0.00040	-20.00	150.00	0.00041
-17.00	150.00	0.00041	-15.00	150.00	0.00042
-13.00	150.00	0.00042	-11.00	150.00	0.00042
-9.00	150.00	0.00043	9.00	150.00	0.00044
11.00	150.00	0.00043	13.00	150.00	0.00043
15.00	150.00	0.00043	17.00	150.00	0.00043
20.00	150.00	0.00043	25.00	150.00	0.00042
30.00	150.00	0.00042	40.00	150.00	0.00041
50.00	150.00	0.00039	60.00	150.00	0.00038
70.00	150.00	0.00036	80.00	150.00	0.00034
90.00	150.00	0.00032	100.00	150.00	0.00030
-100.00	160.00	0.00018	-90.00	160.00	0.00020
-80.00	160.00	0.00023	-70.00	160.00	0.00026
-60.00	160.00	0.00028	-50.00	160.00	0.00031
-40.00	160.00	0.00033	-30.00	160.00	0.00036
-25.00	160.00	0.00037	-20.00	160.00	0.00038
-17.00	160.00	0.00038	-15.00	160.00	0.00039
-13.00	160.00	0.00039	-11.00	160.00	0.00039
-9.00	160.00	0.00039	9.00	160.00	0.00040
11.00	160.00	0.00040	13.00	160.00	0.00040

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

15.00	160.00	0.00040	17.00	160.00	0.00040
20.00	160.00	0.00040	25.00	160.00	0.00039
30.00	160.00	0.00039	40.00	160.00	0.00038
50.00	160.00	0.00037	60.00	160.00	0.00035
70.00	160.00	0.00034	80.00	160.00	0.00032
90.00	160.00	0.00030	100.00	160.00	0.00029
-100.00	170.00	0.00017	-90.00	170.00	0.00020
-80.00	170.00	0.00022	-70.00	170.00	0.00024
-60.00	170.00	0.00027	-50.00	170.00	0.00029
-40.00	170.00	0.00031	-30.00	170.00	0.00033
-25.00	170.00	0.00034	-20.00	170.00	0.00035
-17.00	170.00	0.00036	-15.00	170.00	0.00036
-13.00	170.00	0.00036	-11.00	170.00	0.00036
-9.00	170.00	0.00037	9.00	170.00	0.00037
11.00	170.00	0.00037	13.00	170.00	0.00037
15.00	170.00	0.00037	17.00	170.00	0.00037

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:

PAGE 99

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00037	25.00	170.00	0.00037
30.00	170.00	0.00036	40.00	170.00	0.00035
50.00	170.00	0.00034	60.00	170.00	0.00033
70.00	170.00	0.00032	80.00	170.00	0.00030
90.00	170.00	0.00029	100.00	170.00	0.00027
-100.00	180.00	0.00017	-90.00	180.00	0.00019
-80.00	180.00	0.00021	-70.00	180.00	0.00023
-60.00	180.00	0.00025	-50.00	180.00	0.00028
-40.00	180.00	0.00030	-30.00	180.00	0.00031
-25.00	180.00	0.00032	-20.00	180.00	0.00033
-17.00	180.00	0.00033	-15.00	180.00	0.00034
-13.00	180.00	0.00034	-11.00	180.00	0.00034
-9.00	180.00	0.00034	9.00	180.00	0.00035
11.00	180.00	0.00035	13.00	180.00	0.00035
15.00	180.00	0.00035	17.00	180.00	0.00035
20.00	180.00	0.00034	25.00	180.00	0.00034
30.00	180.00	0.00034	40.00	180.00	0.00033
50.00	180.00	0.00032	60.00	180.00	0.00031

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

70.00	180.00	0.00030	80.00	180.00	0.00029
90.00	180.00	0.00027	100.00	180.00	0.00026
-100.00	190.00	0.00017	-90.00	190.00	0.00018
-80.00	190.00	0.00020	-70.00	190.00	0.00022
-60.00	190.00	0.00024	-50.00	190.00	0.00026
-40.00	190.00	0.00028	-30.00	190.00	0.00029
-25.00	190.00	0.00030	-20.00	190.00	0.00031
-17.00	190.00	0.00031	-15.00	190.00	0.00031
-13.00	190.00	0.00032	-11.00	190.00	0.00032
-9.00	190.00	0.00032	9.00	190.00	0.00032
11.00	190.00	0.00032	13.00	190.00	0.00032
15.00	190.00	0.00032	17.00	190.00	0.00032
20.00	190.00	0.00032	25.00	190.00	0.00032
30.00	190.00	0.00032	40.00	190.00	0.00031
50.00	190.00	0.00030	60.00	190.00	0.00029
70.00	190.00	0.00028	80.00	190.00	0.00027
90.00	190.00	0.00026	100.00	190.00	0.00025
-100.00	200.00	0.00016	-90.00	200.00	0.00018
-80.00	200.00	0.00020	-70.00	200.00	0.00021
-60.00	200.00	0.00023	-50.00	200.00	0.00025
-40.00	200.00	0.00026	-30.00	200.00	0.00028
-25.00	200.00	0.00028	-20.00	200.00	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 100

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00029	-15.00	200.00	0.00029
-13.00	200.00	0.00030	-11.00	200.00	0.00030
-9.00	200.00	0.00030	9.00	200.00	0.00030
11.00	200.00	0.00030	13.00	200.00	0.00030
15.00	200.00	0.00030	17.00	200.00	0.00030
20.00	200.00	0.00030	25.00	200.00	0.00030
30.00	200.00	0.00030	40.00	200.00	0.00029
50.00	200.00	0.00028	60.00	200.00	0.00028
70.00	200.00	0.00027	80.00	200.00	0.00026
90.00	200.00	0.00025	100.00	200.00	0.00024
-100.00	210.00	0.00016	-90.00	210.00	0.00017
-80.00	210.00	0.00019	-70.00	210.00	0.00020

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-60.00	210.00	0.00022	-50.00	210.00	0.00023
-40.00	210.00	0.00025	-30.00	210.00	0.00026
-25.00	210.00	0.00027	-20.00	210.00	0.00027
-17.00	210.00	0.00027	-15.00	210.00	0.00028
-13.00	210.00	0.00028	-11.00	210.00	0.00028
-9.00	210.00	0.00028	9.00	210.00	0.00028
11.00	210.00	0.00028	13.00	210.00	0.00028
15.00	210.00	0.00028	17.00	210.00	0.00028
20.00	210.00	0.00028	25.00	210.00	0.00028
30.00	210.00	0.00028	40.00	210.00	0.00027
50.00	210.00	0.00027	60.00	210.00	0.00026
70.00	210.00	0.00025	80.00	210.00	0.00024
90.00	210.00	0.00024	100.00	210.00	0.00023
-100.00	220.00	0.00015	-90.00	220.00	0.00017
-80.00	220.00	0.00018	-70.00	220.00	0.00019
-60.00	220.00	0.00021	-50.00	220.00	0.00022
-40.00	220.00	0.00023	-30.00	220.00	0.00025
-25.00	220.00	0.00025	-20.00	220.00	0.00026
-17.00	220.00	0.00026	-15.00	220.00	0.00026
-13.00	220.00	0.00026	-11.00	220.00	0.00026
-9.00	220.00	0.00026	9.00	220.00	0.00027
11.00	220.00	0.00027	13.00	220.00	0.00027
15.00	220.00	0.00027	17.00	220.00	0.00027
20.00	220.00	0.00027	25.00	220.00	0.00026
30.00	220.00	0.00026	40.00	220.00	0.00026
50.00	220.00	0.00025	60.00	220.00	0.00025
70.00	220.00	0.00024	80.00	220.00	0.00023
90.00	220.00	0.00022	100.00	220.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00015	-90.00	230.00	0.00016
-80.00	230.00	0.00017	-70.00	230.00	0.00019
-60.00	230.00	0.00020	-50.00	230.00	0.00021
-40.00	230.00	0.00022	-30.00	230.00	0.00023
-25.00	230.00	0.00024	-20.00	230.00	0.00024
-17.00	230.00	0.00024	-15.00	230.00	0.00024

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-13.00	230.00	0.00025	-11.00	230.00	0.00025
-9.00	230.00	0.00025	9.00	230.00	0.00025
11.00	230.00	0.00025	13.00	230.00	0.00025
15.00	230.00	0.00025	17.00	230.00	0.00025
20.00	230.00	0.00025	25.00	230.00	0.00025
30.00	230.00	0.00025	40.00	230.00	0.00024
50.00	230.00	0.00024	60.00	230.00	0.00023
70.00	230.00	0.00023	80.00	230.00	0.00022
90.00	230.00	0.00021	100.00	230.00	0.00021
-100.00	240.00	0.00014	-90.00	240.00	0.00015
-80.00	240.00	0.00017	-70.00	240.00	0.00018
-60.00	240.00	0.00019	-50.00	240.00	0.00020
-40.00	240.00	0.00021	-30.00	240.00	0.00022
-25.00	240.00	0.00022	-20.00	240.00	0.00023
-17.00	240.00	0.00023	-15.00	240.00	0.00023
-13.00	240.00	0.00023	-11.00	240.00	0.00023
-9.00	240.00	0.00023	9.00	240.00	0.00024
11.00	240.00	0.00024	13.00	240.00	0.00024
15.00	240.00	0.00024	17.00	240.00	0.00024
20.00	240.00	0.00024	25.00	240.00	0.00024
30.00	240.00	0.00023	40.00	240.00	0.00023
50.00	240.00	0.00022	60.00	240.00	0.00022
70.00	240.00	0.00021	80.00	240.00	0.00021
90.00	240.00	0.00020	100.00	240.00	0.00020
-100.00	250.00	0.00014	-90.00	250.00	0.00015
-80.00	250.00	0.00016	-70.00	250.00	0.00017
-60.00	250.00	0.00018	-50.00	250.00	0.00019
-40.00	250.00	0.00020	-30.00	250.00	0.00021
-25.00	250.00	0.00021	-20.00	250.00	0.00022
-17.00	250.00	0.00022	-15.00	250.00	0.00022
-13.00	250.00	0.00022	-11.00	250.00	0.00022
-9.00	250.00	0.00022	9.00	250.00	0.00023
11.00	250.00	0.00022	13.00	250.00	0.00022
15.00	250.00	0.00022	17.00	250.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:
 PAGE 102

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

20.00	250.00	0.00022	25.00	250.00	0.00022
30.00	250.00	0.00022	40.00	250.00	0.00022
50.00	250.00	0.00021	60.00	250.00	0.00021
70.00	250.00	0.00020	80.00	250.00	0.00020
90.00	250.00	0.00019	100.00	250.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 103
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00110	-90.00	-250.00	0.00126
-80.00	-250.00	0.00144	-70.00	-250.00	0.00164
-60.00	-250.00	0.00187	-50.00	-250.00	0.00212
-40.00	-250.00	0.00241	-30.00	-250.00	0.00269
-25.00	-250.00	0.00281	-20.00	-250.00	0.00291
-17.00	-250.00	0.00295	-15.00	-250.00	0.00297
-13.00	-250.00	0.00297	-11.00	-250.00	0.00295
-9.00	-250.00	0.00290	9.00	-250.00	0.00182
11.00	-250.00	0.00174	13.00	-250.00	0.00167
15.00	-250.00	0.00161	17.00	-250.00	0.00154
20.00	-250.00	0.00144	25.00	-250.00	0.00128
30.00	-250.00	0.00113	40.00	-250.00	0.00089
50.00	-250.00	0.00070	60.00	-250.00	0.00056
70.00	-250.00	0.00046	80.00	-250.00	0.00038
90.00	-250.00	0.00032	100.00	-250.00	0.00027
-100.00	-240.00	0.00113	-90.00	-240.00	0.00130
-80.00	-240.00	0.00151	-70.00	-240.00	0.00174
-60.00	-240.00	0.00202	-50.00	-240.00	0.00234
-40.00	-240.00	0.00269	-30.00	-240.00	0.00308
-25.00	-240.00	0.00328	-20.00	-240.00	0.00345
-17.00	-240.00	0.00354	-15.00	-240.00	0.00359
-13.00	-240.00	0.00362	-11.00	-240.00	0.00363
-9.00	-240.00	0.00361	9.00	-240.00	0.00217
11.00	-240.00	0.00205	13.00	-240.00	0.00193
15.00	-240.00	0.00182	17.00	-240.00	0.00172
20.00	-240.00	0.00158	25.00	-240.00	0.00137
30.00	-240.00	0.00121	40.00	-240.00	0.00094
50.00	-240.00	0.00074	60.00	-240.00	0.00059
70.00	-240.00	0.00048	80.00	-240.00	0.00039

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-40.00	-210.00	0.00305	-30.00	-210.00	0.00361
-25.00	-210.00	0.00393	-20.00	-210.00	0.00429
-17.00	-210.00	0.00454	-15.00	-210.00	0.00472
-13.00	-210.00	0.00492	-11.00	-210.00	0.00518
-9.00	-210.00	0.00555	9.00	-210.00	0.00421
11.00	-210.00	0.00368	13.00	-210.00	0.00329
15.00	-210.00	0.00297	17.00	-210.00	0.00271
20.00	-210.00	0.00239	25.00	-210.00	0.00197
30.00	-210.00	0.00166	40.00	-210.00	0.00121
50.00	-210.00	0.00091	60.00	-210.00	0.00071
70.00	-210.00	0.00057	80.00	-210.00	0.00048
90.00	-210.00	0.00040	100.00	-210.00	0.00035
-100.00	-200.00	0.00104	-90.00	-200.00	0.00122
-80.00	-200.00	0.00144	-70.00	-200.00	0.00172
-60.00	-200.00	0.00206	-50.00	-200.00	0.00247
-40.00	-200.00	0.00295	-30.00	-200.00	0.00350
-25.00	-200.00	0.00381	-20.00	-200.00	0.00419

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 105

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00448	-15.00	-200.00	0.00472
-13.00	-200.00	0.00502	-11.00	-200.00	0.00541
-9.00	-200.00	0.00597	9.00	-200.00	0.00523
11.00	-200.00	0.00459	13.00	-200.00	0.00409
15.00	-200.00	0.00368	17.00	-200.00	0.00333
20.00	-200.00	0.00290	25.00	-200.00	0.00235
30.00	-200.00	0.00194	40.00	-200.00	0.00137
50.00	-200.00	0.00102	60.00	-200.00	0.00079
70.00	-200.00	0.00064	80.00	-200.00	0.00052
90.00	-200.00	0.00044	100.00	-200.00	0.00038
-100.00	-190.00	0.00097	-90.00	-190.00	0.00114
-80.00	-190.00	0.00134	-70.00	-190.00	0.00160
-60.00	-190.00	0.00192	-50.00	-190.00	0.00231
-40.00	-190.00	0.00277	-30.00	-190.00	0.00331
-25.00	-190.00	0.00364	-20.00	-190.00	0.00408
-17.00	-190.00	0.00445	-15.00	-190.00	0.00477
-13.00	-190.00	0.00517	-11.00	-190.00	0.00568

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-9.00	-190.00	0.00637	9.00	-190.00	0.00598
11.00	-190.00	0.00528	13.00	-190.00	0.00472
15.00	-190.00	0.00425	17.00	-190.00	0.00385
20.00	-190.00	0.00335	25.00	-190.00	0.00270
30.00	-190.00	0.00221	40.00	-190.00	0.00155
50.00	-190.00	0.00115	60.00	-190.00	0.00089
70.00	-190.00	0.00071	80.00	-190.00	0.00058
90.00	-190.00	0.00048	100.00	-190.00	0.00041
-100.00	-180.00	0.00089	-90.00	-180.00	0.00104
-80.00	-180.00	0.00122	-70.00	-180.00	0.00145
-60.00	-180.00	0.00173	-50.00	-180.00	0.00208
-40.00	-180.00	0.00252	-30.00	-180.00	0.00308
-25.00	-180.00	0.00345	-20.00	-180.00	0.00396
-17.00	-180.00	0.00439	-15.00	-180.00	0.00477
-13.00	-180.00	0.00523	-11.00	-180.00	0.00582
-9.00	-180.00	0.00658	9.00	-180.00	0.00648
11.00	-180.00	0.00576	13.00	-180.00	0.00517
15.00	-180.00	0.00467	17.00	-180.00	0.00423
20.00	-180.00	0.00368	25.00	-180.00	0.00296
30.00	-180.00	0.00243	40.00	-180.00	0.00172
50.00	-180.00	0.00128	60.00	-180.00	0.00099
70.00	-180.00	0.00079	80.00	-180.00	0.00064
90.00	-180.00	0.00053	100.00	-180.00	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTS:
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00080	-90.00	-170.00	0.00092
-80.00	-170.00	0.00108	-70.00	-170.00	0.00128
-60.00	-170.00	0.00152	-50.00	-170.00	0.00182
-40.00	-170.00	0.00222	-30.00	-170.00	0.00279
-25.00	-170.00	0.00320	-20.00	-170.00	0.00377
-17.00	-170.00	0.00424	-15.00	-170.00	0.00465
-13.00	-170.00	0.00515	-11.00	-170.00	0.00578
-9.00	-170.00	0.00658	9.00	-170.00	0.00677
11.00	-170.00	0.00604	13.00	-170.00	0.00544
15.00	-170.00	0.00493	17.00	-170.00	0.00448
20.00	-170.00	0.00390	25.00	-170.00	0.00317

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

30.00	-170.00	0.00262	40.00	-170.00	0.00189
50.00	-170.00	0.00141	60.00	-170.00	0.00109
70.00	-170.00	0.00086	80.00	-170.00	0.00069
90.00	-170.00	0.00057	100.00	-170.00	0.00047
-100.00	-160.00	0.00070	-90.00	-160.00	0.00080
-80.00	-160.00	0.00093	-70.00	-160.00	0.00109
-60.00	-160.00	0.00129	-50.00	-160.00	0.00155
-40.00	-160.00	0.00190	-30.00	-160.00	0.00244
-25.00	-160.00	0.00286	-20.00	-160.00	0.00347
-17.00	-160.00	0.00397	-15.00	-160.00	0.00438
-13.00	-160.00	0.00489	-11.00	-160.00	0.00552
-9.00	-160.00	0.00634	9.00	-160.00	0.00688
11.00	-160.00	0.00614	13.00	-160.00	0.00555
15.00	-160.00	0.00505	17.00	-160.00	0.00461
20.00	-160.00	0.00406	25.00	-160.00	0.00333
30.00	-160.00	0.00279	40.00	-160.00	0.00203
50.00	-160.00	0.00153	60.00	-160.00	0.00117
70.00	-160.00	0.00092	80.00	-160.00	0.00074
90.00	-160.00	0.00061	100.00	-160.00	0.00050
-100.00	-150.00	0.00061	-90.00	-150.00	0.00069
-80.00	-150.00	0.00079	-70.00	-150.00	0.00091
-60.00	-150.00	0.00106	-50.00	-150.00	0.00127
-40.00	-150.00	0.00157	-30.00	-150.00	0.00207
-25.00	-150.00	0.00246	-20.00	-150.00	0.00304
-17.00	-150.00	0.00352	-15.00	-150.00	0.00393
-13.00	-150.00	0.00443	-11.00	-150.00	0.00505
-9.00	-150.00	0.00586	9.00	-150.00	0.00683
11.00	-150.00	0.00612	13.00	-150.00	0.00556
15.00	-150.00	0.00510	17.00	-150.00	0.00470

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 107
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00418	25.00	-150.00	0.00347
30.00	-150.00	0.00291	40.00	-150.00	0.00212
50.00	-150.00	0.00160	60.00	-150.00	0.00124
70.00	-150.00	0.00098	80.00	-150.00	0.00078
90.00	-150.00	0.00064	100.00	-150.00	0.00053

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-100.00	-140.00	0.00053	-90.00	-140.00	0.00059
-80.00	-140.00	0.00066	-70.00	-140.00	0.00076
-60.00	-140.00	0.00088	-50.00	-140.00	0.00104
-40.00	-140.00	0.00129	-30.00	-140.00	0.00172
-25.00	-140.00	0.00206	-20.00	-140.00	0.00257
-17.00	-140.00	0.00299	-15.00	-140.00	0.00335
-13.00	-140.00	0.00378	-11.00	-140.00	0.00433
-9.00	-140.00	0.00504	9.00	-140.00	0.00673
11.00	-140.00	0.00609	13.00	-140.00	0.00555
15.00	-140.00	0.00512	17.00	-140.00	0.00473
20.00	-140.00	0.00423	25.00	-140.00	0.00353
30.00	-140.00	0.00298	40.00	-140.00	0.00218
50.00	-140.00	0.00166	60.00	-140.00	0.00129
70.00	-140.00	0.00102	80.00	-140.00	0.00082
90.00	-140.00	0.00067	100.00	-140.00	0.00056
-100.00	-130.00	0.00045	-90.00	-130.00	0.00050
-80.00	-130.00	0.00056	-70.00	-130.00	0.00063
-60.00	-130.00	0.00073	-50.00	-130.00	0.00087
-40.00	-130.00	0.00109	-30.00	-130.00	0.00149
-25.00	-130.00	0.00181	-20.00	-130.00	0.00227
-17.00	-130.00	0.00265	-15.00	-130.00	0.00296
-13.00	-130.00	0.00334	-11.00	-130.00	0.00381
-9.00	-130.00	0.00439	9.00	-130.00	0.00629
11.00	-130.00	0.00579	13.00	-130.00	0.00535
15.00	-130.00	0.00495	17.00	-130.00	0.00460
20.00	-130.00	0.00414	25.00	-130.00	0.00349
30.00	-130.00	0.00296	40.00	-130.00	0.00220
50.00	-130.00	0.00168	60.00	-130.00	0.00131
70.00	-130.00	0.00105	80.00	-130.00	0.00085
90.00	-130.00	0.00070	100.00	-130.00	0.00058
-100.00	-120.00	0.00038	-90.00	-120.00	0.00042
-80.00	-120.00	0.00047	-70.00	-120.00	0.00053
-60.00	-120.00	0.00061	-50.00	-120.00	0.00075
-40.00	-120.00	0.00097	-30.00	-120.00	0.00138
-25.00	-120.00	0.00171	-20.00	-120.00	0.00218

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***
 16:28:19
 **MODELOPTs:
 PAGE 108
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

 INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

		02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00257	-15.00	-120.00	0.00289
-13.00	-120.00	0.00326	-11.00	-120.00	0.00369
-9.00	-120.00	0.00417	9.00	-120.00	0.00515
11.00	-120.00	0.00489	13.00	-120.00	0.00462
15.00	-120.00	0.00436	17.00	-120.00	0.00411
20.00	-120.00	0.00376	25.00	-120.00	0.00325
30.00	-120.00	0.00281	40.00	-120.00	0.00214
50.00	-120.00	0.00165	60.00	-120.00	0.00131
70.00	-120.00	0.00105	80.00	-120.00	0.00086
90.00	-120.00	0.00071	100.00	-120.00	0.00059
-100.00	-110.00	0.00033	-90.00	-110.00	0.00036
-80.00	-110.00	0.00040	-70.00	-110.00	0.00045
-60.00	-110.00	0.00054	-50.00	-110.00	0.00068
-40.00	-110.00	0.00092	-30.00	-110.00	0.00135
-25.00	-110.00	0.00169	-20.00	-110.00	0.00215
-17.00	-110.00	0.00250	-15.00	-110.00	0.00276
-13.00	-110.00	0.00305	-11.00	-110.00	0.00335
-9.00	-110.00	0.00365	9.00	-110.00	0.00413
11.00	-110.00	0.00399	13.00	-110.00	0.00383
15.00	-110.00	0.00367	17.00	-110.00	0.00351
20.00	-110.00	0.00327	25.00	-110.00	0.00290
30.00	-110.00	0.00257	40.00	-110.00	0.00201
50.00	-110.00	0.00159	60.00	-110.00	0.00127
70.00	-110.00	0.00104	80.00	-110.00	0.00086
90.00	-110.00	0.00071	100.00	-110.00	0.00060
-100.00	-100.00	0.00028	-90.00	-100.00	0.00031
-80.00	-100.00	0.00035	-70.00	-100.00	0.00041
-60.00	-100.00	0.00050	-50.00	-100.00	0.00065
-40.00	-100.00	0.00091	-30.00	-100.00	0.00134
-25.00	-100.00	0.00165	-20.00	-100.00	0.00205
-17.00	-100.00	0.00232	-15.00	-100.00	0.00251
-13.00	-100.00	0.00270	-11.00	-100.00	0.00289
-9.00	-100.00	0.00306	9.00	-100.00	0.00334
11.00	-100.00	0.00325	13.00	-100.00	0.00316
15.00	-100.00	0.00307	17.00	-100.00	0.00297
20.00	-100.00	0.00281	25.00	-100.00	0.00254
30.00	-100.00	0.00229	40.00	-100.00	0.00185
50.00	-100.00	0.00149	60.00	-100.00	0.00122
70.00	-100.00	0.00100	80.00	-100.00	0.00084
90.00	-100.00	0.00071	100.00	-100.00	0.00060

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:28:19
**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00025	-90.00	-90.00	0.00028
-80.00	-90.00	0.00032	-70.00	-90.00	0.00039
-60.00	-90.00	0.00049	-50.00	-90.00	0.00064
-40.00	-90.00	0.00090	-30.00	-90.00	0.00130
-25.00	-90.00	0.00157	-20.00	-90.00	0.00188
-17.00	-90.00	0.00207	-15.00	-90.00	0.00220
-13.00	-90.00	0.00233	-11.00	-90.00	0.00245
-9.00	-90.00	0.00255	9.00	-90.00	0.00273
11.00	-90.00	0.00268	13.00	-90.00	0.00262
15.00	-90.00	0.00256	17.00	-90.00	0.00250
20.00	-90.00	0.00240	25.00	-90.00	0.00221
30.00	-90.00	0.00202	40.00	-90.00	0.00168
50.00	-90.00	0.00139	60.00	-90.00	0.00115
70.00	-90.00	0.00096	80.00	-90.00	0.00081
90.00	-90.00	0.00069	100.00	-90.00	0.00059
-100.00	-80.00	0.00023	-90.00	-80.00	0.00026
-80.00	-80.00	0.00031	-70.00	-80.00	0.00037
-60.00	-80.00	0.00048	-50.00	-80.00	0.00064
-40.00	-80.00	0.00089	-30.00	-80.00	0.00124
-25.00	-80.00	0.00146	-20.00	-80.00	0.00168
-17.00	-80.00	0.00182	-15.00	-80.00	0.00191
-13.00	-80.00	0.00199	-11.00	-80.00	0.00207
-9.00	-80.00	0.00214	9.00	-80.00	0.00227
11.00	-80.00	0.00223	13.00	-80.00	0.00220
15.00	-80.00	0.00216	17.00	-80.00	0.00211
20.00	-80.00	0.00205	25.00	-80.00	0.00192
30.00	-80.00	0.00179	40.00	-80.00	0.00151
50.00	-80.00	0.00127	60.00	-80.00	0.00107
70.00	-80.00	0.00091	80.00	-80.00	0.00077
90.00	-80.00	0.00066	100.00	-80.00	0.00057
-100.00	-70.00	0.00021	-90.00	-70.00	0.00025
-80.00	-70.00	0.00030	-70.00	-70.00	0.00037
-60.00	-70.00	0.00048	-50.00	-70.00	0.00064
-40.00	-70.00	0.00086	-30.00	-70.00	0.00116
-25.00	-70.00	0.00133	-20.00	-70.00	0.00149
-17.00	-70.00	0.00159	-15.00	-70.00	0.00165
-13.00	-70.00	0.00171	-11.00	-70.00	0.00177

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-9.00	-70.00	0.00181	9.00	-70.00	0.00191
11.00	-70.00	0.00188	13.00	-70.00	0.00186
15.00	-70.00	0.00183	17.00	-70.00	0.00180

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:

PAGE 110

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00176	25.00	-70.00	0.00167
30.00	-70.00	0.00157	40.00	-70.00	0.00136
50.00	-70.00	0.00117	60.00	-70.00	0.00100
70.00	-70.00	0.00086	80.00	-70.00	0.00074
90.00	-70.00	0.00064	100.00	-70.00	0.00055
-100.00	-60.00	0.00021	-90.00	-60.00	0.00024
-80.00	-60.00	0.00029	-70.00	-60.00	0.00037
-60.00	-60.00	0.00048	-50.00	-60.00	0.00062
-40.00	-60.00	0.00082	-30.00	-60.00	0.00107
-25.00	-60.00	0.00120	-20.00	-60.00	0.00132
-17.00	-60.00	0.00139	-15.00	-60.00	0.00144
-13.00	-60.00	0.00148	-11.00	-60.00	0.00152
-9.00	-60.00	0.00155	9.00	-60.00	0.00162
11.00	-60.00	0.00161	13.00	-60.00	0.00159
15.00	-60.00	0.00157	17.00	-60.00	0.00155
20.00	-60.00	0.00152	25.00	-60.00	0.00145
30.00	-60.00	0.00139	40.00	-60.00	0.00123
50.00	-60.00	0.00107	60.00	-60.00	0.00092
70.00	-60.00	0.00080	80.00	-60.00	0.00070
90.00	-60.00	0.00061	100.00	-60.00	0.00053
-100.00	-50.00	0.00020	-90.00	-50.00	0.00024
-80.00	-50.00	0.00029	-70.00	-50.00	0.00037
-60.00	-50.00	0.00047	-50.00	-50.00	0.00061
-40.00	-50.00	0.00078	-30.00	-50.00	0.00098
-25.00	-50.00	0.00108	-20.00	-50.00	0.00117
-17.00	-50.00	0.00122	-15.00	-50.00	0.00126
-13.00	-50.00	0.00129	-11.00	-50.00	0.00132
-9.00	-50.00	0.00134	9.00	-50.00	0.00140
11.00	-50.00	0.00139	13.00	-50.00	0.00137
15.00	-50.00	0.00136	17.00	-50.00	0.00134
20.00	-50.00	0.00132	25.00	-50.00	0.00127

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

30.00	-50.00	0.00122	40.00	-50.00	0.00111
50.00	-50.00	0.00098	60.00	-50.00	0.00085
70.00	-50.00	0.00075	80.00	-50.00	0.00066
90.00	-50.00	0.00058	100.00	-50.00	0.00051
-100.00	-40.00	0.00020	-90.00	-40.00	0.00024
-80.00	-40.00	0.00029	-70.00	-40.00	0.00036
-60.00	-40.00	0.00046	-50.00	-40.00	0.00058
-40.00	-40.00	0.00073	-30.00	-40.00	0.00089
-25.00	-40.00	0.00097	-20.00	-40.00	0.00104

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00108	-15.00	-40.00	0.00111
-13.00	-40.00	0.00113	-11.00	-40.00	0.00115
-9.00	-40.00	0.00117	9.00	-40.00	0.00121
11.00	-40.00	0.00121	13.00	-40.00	0.00120
15.00	-40.00	0.00119	17.00	-40.00	0.00117
20.00	-40.00	0.00116	25.00	-40.00	0.00112
30.00	-40.00	0.00108	40.00	-40.00	0.00100
50.00	-40.00	0.00090	60.00	-40.00	0.00079
70.00	-40.00	0.00070	80.00	-40.00	0.00062
90.00	-40.00	0.00055	100.00	-40.00	0.00049
-100.00	-30.00	0.00020	-90.00	-30.00	0.00024
-80.00	-30.00	0.00029	-70.00	-30.00	0.00036
-60.00	-30.00	0.00045	-50.00	-30.00	0.00056
-40.00	-30.00	0.00068	-30.00	-30.00	0.00081
-25.00	-30.00	0.00087	-20.00	-30.00	0.00093
-17.00	-30.00	0.00096	-15.00	-30.00	0.00098
-13.00	-30.00	0.00100	-11.00	-30.00	0.00101
-9.00	-30.00	0.00103	9.00	-30.00	0.00107
11.00	-30.00	0.00106	13.00	-30.00	0.00105
15.00	-30.00	0.00104	17.00	-30.00	0.00104
20.00	-30.00	0.00102	25.00	-30.00	0.00099
30.00	-30.00	0.00097	40.00	-30.00	0.00090
50.00	-30.00	0.00082	60.00	-30.00	0.00073
70.00	-30.00	0.00065	80.00	-30.00	0.00058
90.00	-30.00	0.00052	100.00	-30.00	0.00046

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-100.00	-20.00	0.00020	-90.00	-20.00	0.00024
-80.00	-20.00	0.00029	-70.00	-20.00	0.00035
-60.00	-20.00	0.00044	-50.00	-20.00	0.00053
-40.00	-20.00	0.00064	-30.00	-20.00	0.00074
-25.00	-20.00	0.00079	-20.00	-20.00	0.00083
-17.00	-20.00	0.00086	-15.00	-20.00	0.00087
-13.00	-20.00	0.00089	-11.00	-20.00	0.00090
-9.00	-20.00	0.00091	9.00	-20.00	0.00094
11.00	-20.00	0.00094	13.00	-20.00	0.00093
15.00	-20.00	0.00093	17.00	-20.00	0.00092
20.00	-20.00	0.00091	25.00	-20.00	0.00089
30.00	-20.00	0.00086	40.00	-20.00	0.00081
50.00	-20.00	0.00075	60.00	-20.00	0.00068
70.00	-20.00	0.00061	80.00	-20.00	0.00054
90.00	-20.00	0.00049	100.00	-20.00	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:
 PAGE 112

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00020	-90.00	-10.00	0.00024
-80.00	-10.00	0.00028	-70.00	-10.00	0.00035
-60.00	-10.00	0.00042	-50.00	-10.00	0.00050
-40.00	-10.00	0.00059	-30.00	-10.00	0.00067
-25.00	-10.00	0.00071	-20.00	-10.00	0.00075
-17.00	-10.00	0.00077	-15.00	-10.00	0.00078
-13.00	-10.00	0.00079	-11.00	-10.00	0.00081
-9.00	-10.00	0.00081	9.00	-10.00	0.00084
11.00	-10.00	0.00084	13.00	-10.00	0.00083
15.00	-10.00	0.00083	17.00	-10.00	0.00082
20.00	-10.00	0.00081	25.00	-10.00	0.00080
30.00	-10.00	0.00078	40.00	-10.00	0.00074
50.00	-10.00	0.00069	60.00	-10.00	0.00063
70.00	-10.00	0.00057	80.00	-10.00	0.00051
90.00	-10.00	0.00046	100.00	-10.00	0.00042
-100.00	0.00	0.00020	-90.00	0.00	0.00023
-80.00	0.00	0.00028	-70.00	0.00	0.00034
-60.00	0.00	0.00040	-50.00	0.00	0.00047
-40.00	0.00	0.00055	-30.00	0.00	0.00062

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-25.00	0.00	0.00065	-20.00	0.00	0.00068
-17.00	0.00	0.00070	-15.00	0.00	0.00071
-13.00	0.00	0.00072	-11.00	0.00	0.00072
-9.00	0.00	0.00073	9.00	0.00	0.00075
11.00	0.00	0.00075	13.00	0.00	0.00075
15.00	0.00	0.00074	17.00	0.00	0.00074
20.00	0.00	0.00073	25.00	0.00	0.00072
30.00	0.00	0.00070	40.00	0.00	0.00067
50.00	0.00	0.00063	60.00	0.00	0.00059
70.00	0.00	0.00054	80.00	0.00	0.00048
90.00	0.00	0.00044	100.00	0.00	0.00040
-100.00	10.00	0.00019	-90.00	10.00	0.00023
-80.00	10.00	0.00027	-70.00	10.00	0.00033
-60.00	10.00	0.00038	-50.00	10.00	0.00045
-40.00	10.00	0.00051	-30.00	10.00	0.00057
-25.00	10.00	0.00059	-20.00	10.00	0.00062
-17.00	10.00	0.00063	-15.00	10.00	0.00064
-13.00	10.00	0.00065	-11.00	10.00	0.00065
-9.00	10.00	0.00066	9.00	10.00	0.00068
11.00	10.00	0.00068	13.00	10.00	0.00068
15.00	10.00	0.00067	17.00	10.00	0.00067

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:
 PAGE 113

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00066	25.00	10.00	0.00065
30.00	10.00	0.00064	40.00	10.00	0.00061
50.00	10.00	0.00058	60.00	10.00	0.00054
70.00	10.00	0.00050	80.00	10.00	0.00046
90.00	10.00	0.00042	100.00	10.00	0.00038
-100.00	20.00	0.00019	-90.00	20.00	0.00023
-80.00	20.00	0.00027	-70.00	20.00	0.00031
-60.00	20.00	0.00037	-50.00	20.00	0.00042
-40.00	20.00	0.00047	-30.00	20.00	0.00052
-25.00	20.00	0.00054	-20.00	20.00	0.00056
-17.00	20.00	0.00058	-15.00	20.00	0.00058
-13.00	20.00	0.00059	-11.00	20.00	0.00059
-9.00	20.00	0.00060	9.00	20.00	0.00062

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

11.00	20.00	0.00061	13.00	20.00	0.00061
15.00	20.00	0.00061	17.00	20.00	0.00061
20.00	20.00	0.00060	25.00	20.00	0.00059
30.00	20.00	0.00058	40.00	20.00	0.00056
50.00	20.00	0.00053	60.00	20.00	0.00050
70.00	20.00	0.00047	80.00	20.00	0.00043
90.00	20.00	0.00039	100.00	20.00	0.00036
-100.00	30.00	0.00019	-90.00	30.00	0.00022
-80.00	30.00	0.00026	-70.00	30.00	0.00030
-60.00	30.00	0.00035	-50.00	30.00	0.00039
-40.00	30.00	0.00044	-30.00	30.00	0.00048
-25.00	30.00	0.00050	-20.00	30.00	0.00052
-17.00	30.00	0.00053	-15.00	30.00	0.00053
-13.00	30.00	0.00054	-11.00	30.00	0.00054
-9.00	30.00	0.00055	9.00	30.00	0.00056
11.00	30.00	0.00056	13.00	30.00	0.00056
15.00	30.00	0.00056	17.00	30.00	0.00055
20.00	30.00	0.00055	25.00	30.00	0.00054
30.00	30.00	0.00053	40.00	30.00	0.00051
50.00	30.00	0.00049	60.00	30.00	0.00047
70.00	30.00	0.00044	80.00	30.00	0.00041
90.00	30.00	0.00037	100.00	30.00	0.00034
-100.00	40.00	0.00019	-90.00	40.00	0.00022
-80.00	40.00	0.00025	-70.00	40.00	0.00029
-60.00	40.00	0.00033	-50.00	40.00	0.00037
-40.00	40.00	0.00041	-30.00	40.00	0.00045
-25.00	40.00	0.00046	-20.00	40.00	0.00048

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 114
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00048	-15.00	40.00	0.00049
-13.00	40.00	0.00049	-11.00	40.00	0.00050
-9.00	40.00	0.00050	9.00	40.00	0.00051
11.00	40.00	0.00051	13.00	40.00	0.00051
15.00	40.00	0.00051	17.00	40.00	0.00051
20.00	40.00	0.00050	25.00	40.00	0.00050
30.00	40.00	0.00049	40.00	40.00	0.00047

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

50.00	40.00	0.00046	60.00	40.00	0.00044
70.00	40.00	0.00041	80.00	40.00	0.00038
90.00	40.00	0.00036	100.00	40.00	0.00033
-100.00	50.00	0.00018	-90.00	50.00	0.00021
-80.00	50.00	0.00024	-70.00	50.00	0.00028
-60.00	50.00	0.00031	-50.00	50.00	0.00035
-40.00	50.00	0.00038	-30.00	50.00	0.00041
-25.00	50.00	0.00043	-20.00	50.00	0.00044
-17.00	50.00	0.00045	-15.00	50.00	0.00045
-13.00	50.00	0.00045	-11.00	50.00	0.00046
-9.00	50.00	0.00046	9.00	50.00	0.00047
11.00	50.00	0.00047	13.00	50.00	0.00047
15.00	50.00	0.00047	17.00	50.00	0.00047
20.00	50.00	0.00046	25.00	50.00	0.00046
30.00	50.00	0.00045	40.00	50.00	0.00044
50.00	50.00	0.00042	60.00	50.00	0.00041
70.00	50.00	0.00039	80.00	50.00	0.00036
90.00	50.00	0.00034	100.00	50.00	0.00031
-100.00	60.00	0.00018	-90.00	60.00	0.00021
-80.00	60.00	0.00024	-70.00	60.00	0.00027
-60.00	60.00	0.00030	-50.00	60.00	0.00033
-40.00	60.00	0.00036	-30.00	60.00	0.00038
-25.00	60.00	0.00040	-20.00	60.00	0.00041
-17.00	60.00	0.00041	-15.00	60.00	0.00042
-13.00	60.00	0.00042	-11.00	60.00	0.00042
-9.00	60.00	0.00043	9.00	60.00	0.00044
11.00	60.00	0.00043	13.00	60.00	0.00043
15.00	60.00	0.00043	17.00	60.00	0.00043
20.00	60.00	0.00043	25.00	60.00	0.00042
30.00	60.00	0.00042	40.00	60.00	0.00041
50.00	60.00	0.00039	60.00	60.00	0.00038
70.00	60.00	0.00036	80.00	60.00	0.00034
90.00	60.00	0.00032	100.00	60.00	0.00030

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 115
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00018	-90.00	70.00	0.00020

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-80.00	70.00	0.00023	-70.00	70.00	0.00026
-60.00	70.00	0.00028	-50.00	70.00	0.00031
-40.00	70.00	0.00033	-30.00	70.00	0.00036
-25.00	70.00	0.00037	-20.00	70.00	0.00038
-17.00	70.00	0.00038	-15.00	70.00	0.00039
-13.00	70.00	0.00039	-11.00	70.00	0.00039
-9.00	70.00	0.00039	9.00	70.00	0.00040
11.00	70.00	0.00040	13.00	70.00	0.00040
15.00	70.00	0.00040	17.00	70.00	0.00040
20.00	70.00	0.00040	25.00	70.00	0.00039
30.00	70.00	0.00039	40.00	70.00	0.00038
50.00	70.00	0.00037	60.00	70.00	0.00035
70.00	70.00	0.00034	80.00	70.00	0.00032
90.00	70.00	0.00030	100.00	70.00	0.00029
-100.00	80.00	0.00017	-90.00	80.00	0.00020
-80.00	80.00	0.00022	-70.00	80.00	0.00024
-60.00	80.00	0.00027	-50.00	80.00	0.00029
-40.00	80.00	0.00031	-30.00	80.00	0.00033
-25.00	80.00	0.00034	-20.00	80.00	0.00035
-17.00	80.00	0.00036	-15.00	80.00	0.00036
-13.00	80.00	0.00036	-11.00	80.00	0.00036
-9.00	80.00	0.00037	9.00	80.00	0.00037
11.00	80.00	0.00037	13.00	80.00	0.00037
15.00	80.00	0.00037	17.00	80.00	0.00037
20.00	80.00	0.00037	25.00	80.00	0.00037
30.00	80.00	0.00036	40.00	80.00	0.00035
50.00	80.00	0.00034	60.00	80.00	0.00033
70.00	80.00	0.00032	80.00	80.00	0.00030
90.00	80.00	0.00029	100.00	80.00	0.00027
-100.00	90.00	0.00017	-90.00	90.00	0.00019
-80.00	90.00	0.00021	-70.00	90.00	0.00023
-60.00	90.00	0.00025	-50.00	90.00	0.00028
-40.00	90.00	0.00030	-30.00	90.00	0.00031
-25.00	90.00	0.00032	-20.00	90.00	0.00033
-17.00	90.00	0.00033	-15.00	90.00	0.00034
-13.00	90.00	0.00034	-11.00	90.00	0.00034
-9.00	90.00	0.00034	9.00	90.00	0.00035
11.00	90.00	0.00035	13.00	90.00	0.00035
15.00	90.00	0.00035	17.00	90.00	0.00035

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:28:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00034	25.00	90.00	0.00034
30.00	90.00	0.00034	40.00	90.00	0.00033
50.00	90.00	0.00032	60.00	90.00	0.00031
70.00	90.00	0.00030	80.00	90.00	0.00029
90.00	90.00	0.00027	100.00	90.00	0.00026
-100.00	100.00	0.00017	-90.00	100.00	0.00018
-80.00	100.00	0.00020	-70.00	100.00	0.00022
-60.00	100.00	0.00024	-50.00	100.00	0.00026
-40.00	100.00	0.00028	-30.00	100.00	0.00029
-25.00	100.00	0.00030	-20.00	100.00	0.00031
-17.00	100.00	0.00031	-15.00	100.00	0.00031
-13.00	100.00	0.00032	-11.00	100.00	0.00032
-9.00	100.00	0.00032	9.00	100.00	0.00032
11.00	100.00	0.00032	13.00	100.00	0.00032
15.00	100.00	0.00032	17.00	100.00	0.00032
20.00	100.00	0.00032	25.00	100.00	0.00032
30.00	100.00	0.00032	40.00	100.00	0.00031
50.00	100.00	0.00030	60.00	100.00	0.00029
70.00	100.00	0.00028	80.00	100.00	0.00027
90.00	100.00	0.00026	100.00	100.00	0.00025
-100.00	110.00	0.00016	-90.00	110.00	0.00018
-80.00	110.00	0.00020	-70.00	110.00	0.00021
-60.00	110.00	0.00023	-50.00	110.00	0.00025
-40.00	110.00	0.00026	-30.00	110.00	0.00028
-25.00	110.00	0.00028	-20.00	110.00	0.00029
-17.00	110.00	0.00029	-15.00	110.00	0.00029
-13.00	110.00	0.00030	-11.00	110.00	0.00030
-9.00	110.00	0.00030	9.00	110.00	0.00030
11.00	110.00	0.00030	13.00	110.00	0.00030
15.00	110.00	0.00030	17.00	110.00	0.00030
20.00	110.00	0.00030	25.00	110.00	0.00030
30.00	110.00	0.00030	40.00	110.00	0.00029
50.00	110.00	0.00028	60.00	110.00	0.00028
70.00	110.00	0.00027	80.00	110.00	0.00026
90.00	110.00	0.00025	100.00	110.00	0.00024
-100.00	120.00	0.00016	-90.00	120.00	0.00017
-80.00	120.00	0.00019	-70.00	120.00	0.00020
-60.00	120.00	0.00022	-50.00	120.00	0.00023
-40.00	120.00	0.00025	-30.00	120.00	0.00026

-25.00 120.00 0.00027 -20.00 120.00 0.00027

1 *** ISCST3 - VERSION 02035 *** 04/20/08
 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 117

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00027	-15.00	120.00	0.00028
-13.00	120.00	0.00028	-11.00	120.00	0.00028
-9.00	120.00	0.00028	9.00	120.00	0.00028
11.00	120.00	0.00028	13.00	120.00	0.00028
15.00	120.00	0.00028	17.00	120.00	0.00028
20.00	120.00	0.00028	25.00	120.00	0.00028
30.00	120.00	0.00028	40.00	120.00	0.00027
50.00	120.00	0.00027	60.00	120.00	0.00026
70.00	120.00	0.00025	80.00	120.00	0.00024
90.00	120.00	0.00024	100.00	120.00	0.00023
-100.00	130.00	0.00015	-90.00	130.00	0.00017
-80.00	130.00	0.00018	-70.00	130.00	0.00019
-60.00	130.00	0.00021	-50.00	130.00	0.00022
-40.00	130.00	0.00023	-30.00	130.00	0.00025
-25.00	130.00	0.00025	-20.00	130.00	0.00026
-17.00	130.00	0.00026	-15.00	130.00	0.00026
-13.00	130.00	0.00026	-11.00	130.00	0.00026
-9.00	130.00	0.00026	9.00	130.00	0.00027
11.00	130.00	0.00027	13.00	130.00	0.00027
15.00	130.00	0.00027	17.00	130.00	0.00027
20.00	130.00	0.00027	25.00	130.00	0.00026
30.00	130.00	0.00026	40.00	130.00	0.00026
50.00	130.00	0.00025	60.00	130.00	0.00025
70.00	130.00	0.00024	80.00	130.00	0.00023
90.00	130.00	0.00022	100.00	130.00	0.00022
-100.00	140.00	0.00015	-90.00	140.00	0.00016
-80.00	140.00	0.00017	-70.00	140.00	0.00019
-60.00	140.00	0.00020	-50.00	140.00	0.00021
-40.00	140.00	0.00022	-30.00	140.00	0.00023
-25.00	140.00	0.00024	-20.00	140.00	0.00024
-17.00	140.00	0.00024	-15.00	140.00	0.00024
-13.00	140.00	0.00025	-11.00	140.00	0.00025
-9.00	140.00	0.00025	9.00	140.00	0.00025

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

11.00	140.00	0.00025	13.00	140.00	0.00025
15.00	140.00	0.00025	17.00	140.00	0.00025
20.00	140.00	0.00025	25.00	140.00	0.00025
30.00	140.00	0.00025	40.00	140.00	0.00024
50.00	140.00	0.00024	60.00	140.00	0.00023
70.00	140.00	0.00023	80.00	140.00	0.00022
90.00	140.00	0.00021	100.00	140.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:
 PAGE 118

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00014	-90.00	150.00	0.00015
-80.00	150.00	0.00017	-70.00	150.00	0.00018
-60.00	150.00	0.00019	-50.00	150.00	0.00020
-40.00	150.00	0.00021	-30.00	150.00	0.00022
-25.00	150.00	0.00022	-20.00	150.00	0.00023
-17.00	150.00	0.00023	-15.00	150.00	0.00023
-13.00	150.00	0.00023	-11.00	150.00	0.00023
-9.00	150.00	0.00023	9.00	150.00	0.00024
11.00	150.00	0.00024	13.00	150.00	0.00024
15.00	150.00	0.00024	17.00	150.00	0.00024
20.00	150.00	0.00024	25.00	150.00	0.00024
30.00	150.00	0.00023	40.00	150.00	0.00023
50.00	150.00	0.00022	60.00	150.00	0.00022
70.00	150.00	0.00021	80.00	150.00	0.00021
90.00	150.00	0.00020	100.00	150.00	0.00020
-100.00	160.00	0.00014	-90.00	160.00	0.00015
-80.00	160.00	0.00016	-70.00	160.00	0.00017
-60.00	160.00	0.00018	-50.00	160.00	0.00019
-40.00	160.00	0.00020	-30.00	160.00	0.00021
-25.00	160.00	0.00021	-20.00	160.00	0.00022
-17.00	160.00	0.00022	-15.00	160.00	0.00022
-13.00	160.00	0.00022	-11.00	160.00	0.00022
-9.00	160.00	0.00022	9.00	160.00	0.00023
11.00	160.00	0.00022	13.00	160.00	0.00022
15.00	160.00	0.00022	17.00	160.00	0.00022
20.00	160.00	0.00022	25.00	160.00	0.00022
30.00	160.00	0.00022	40.00	160.00	0.00022

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

50.00	160.00	0.00021	60.00	160.00	0.00021
70.00	160.00	0.00020	80.00	160.00	0.00020
90.00	160.00	0.00019	100.00	160.00	0.00019
-100.00	170.00	0.00013	-90.00	170.00	0.00014
-80.00	170.00	0.00015	-70.00	170.00	0.00016
-60.00	170.00	0.00017	-50.00	170.00	0.00018
-40.00	170.00	0.00019	-30.00	170.00	0.00020
-25.00	170.00	0.00020	-20.00	170.00	0.00020
-17.00	170.00	0.00021	-15.00	170.00	0.00021
-13.00	170.00	0.00021	-11.00	170.00	0.00021
-9.00	170.00	0.00021	9.00	170.00	0.00021
11.00	170.00	0.00021	13.00	170.00	0.00021
15.00	170.00	0.00021	17.00	170.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:
 PAGE 119

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00021	25.00	170.00	0.00021
30.00	170.00	0.00021	40.00	170.00	0.00021
50.00	170.00	0.00020	60.00	170.00	0.00020
70.00	170.00	0.00019	80.00	170.00	0.00019
90.00	170.00	0.00018	100.00	170.00	0.00018
-100.00	180.00	0.00013	-90.00	180.00	0.00014
-80.00	180.00	0.00015	-70.00	180.00	0.00016
-60.00	180.00	0.00017	-50.00	180.00	0.00017
-40.00	180.00	0.00018	-30.00	180.00	0.00019
-25.00	180.00	0.00019	-20.00	180.00	0.00019
-17.00	180.00	0.00020	-15.00	180.00	0.00020
-13.00	180.00	0.00020	-11.00	180.00	0.00020
-9.00	180.00	0.00020	9.00	180.00	0.00020
11.00	180.00	0.00020	13.00	180.00	0.00020
15.00	180.00	0.00020	17.00	180.00	0.00020
20.00	180.00	0.00020	25.00	180.00	0.00020
30.00	180.00	0.00020	40.00	180.00	0.00020
50.00	180.00	0.00019	60.00	180.00	0.00019
70.00	180.00	0.00018	80.00	180.00	0.00018
90.00	180.00	0.00018	100.00	180.00	0.00017
-100.00	190.00	0.00013	-90.00	190.00	0.00013

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-80.00	190.00	0.00014	-70.00	190.00	0.00015
-60.00	190.00	0.00016	-50.00	190.00	0.00017
-40.00	190.00	0.00017	-30.00	190.00	0.00018
-25.00	190.00	0.00018	-20.00	190.00	0.00018
-17.00	190.00	0.00019	-15.00	190.00	0.00019
-13.00	190.00	0.00019	-11.00	190.00	0.00019
-9.00	190.00	0.00019	9.00	190.00	0.00019
11.00	190.00	0.00019	13.00	190.00	0.00019
15.00	190.00	0.00019	17.00	190.00	0.00019
20.00	190.00	0.00019	25.00	190.00	0.00019
30.00	190.00	0.00019	40.00	190.00	0.00019
50.00	190.00	0.00018	60.00	190.00	0.00018
70.00	190.00	0.00018	80.00	190.00	0.00017
90.00	190.00	0.00017	100.00	190.00	0.00016
-100.00	200.00	0.00012	-90.00	200.00	0.00013
-80.00	200.00	0.00014	-70.00	200.00	0.00015
-60.00	200.00	0.00015	-50.00	200.00	0.00016
-40.00	200.00	0.00017	-30.00	200.00	0.00017
-25.00	200.00	0.00017	-20.00	200.00	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 120

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00018	-15.00	200.00	0.00018
-13.00	200.00	0.00018	-11.00	200.00	0.00018
-9.00	200.00	0.00018	9.00	200.00	0.00018
11.00	200.00	0.00018	13.00	200.00	0.00018
15.00	200.00	0.00018	17.00	200.00	0.00018
20.00	200.00	0.00018	25.00	200.00	0.00018
30.00	200.00	0.00018	40.00	200.00	0.00018
50.00	200.00	0.00017	60.00	200.00	0.00017
70.00	200.00	0.00017	80.00	200.00	0.00017
90.00	200.00	0.00016	100.00	200.00	0.00016
-100.00	210.00	0.00012	-90.00	210.00	0.00013
-80.00	210.00	0.00013	-70.00	210.00	0.00014
-60.00	210.00	0.00015	-50.00	210.00	0.00015
-40.00	210.00	0.00016	-30.00	210.00	0.00016
-25.00	210.00	0.00017	-20.00	210.00	0.00017

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-17.00	210.00	0.00017	-15.00	210.00	0.00017
-13.00	210.00	0.00017	-11.00	210.00	0.00017
-9.00	210.00	0.00017	9.00	210.00	0.00017
11.00	210.00	0.00017	13.00	210.00	0.00017
15.00	210.00	0.00017	17.00	210.00	0.00017
20.00	210.00	0.00017	25.00	210.00	0.00017
30.00	210.00	0.00017	40.00	210.00	0.00017
50.00	210.00	0.00017	60.00	210.00	0.00016
70.00	210.00	0.00016	80.00	210.00	0.00016
90.00	210.00	0.00015	100.00	210.00	0.00015
-100.00	220.00	0.00011	-90.00	220.00	0.00012
-80.00	220.00	0.00013	-70.00	220.00	0.00013
-60.00	220.00	0.00014	-50.00	220.00	0.00015
-40.00	220.00	0.00015	-30.00	220.00	0.00016
-25.00	220.00	0.00016	-20.00	220.00	0.00016
-17.00	220.00	0.00016	-15.00	220.00	0.00016
-13.00	220.00	0.00016	-11.00	220.00	0.00016
-9.00	220.00	0.00016	9.00	220.00	0.00017
11.00	220.00	0.00017	13.00	220.00	0.00017
15.00	220.00	0.00017	17.00	220.00	0.00017
20.00	220.00	0.00017	25.00	220.00	0.00016
30.00	220.00	0.00016	40.00	220.00	0.00016
50.00	220.00	0.00016	60.00	220.00	0.00016
70.00	220.00	0.00015	80.00	220.00	0.00015
90.00	220.00	0.00015	100.00	220.00	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 121

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00011	-90.00	230.00	0.00012
-80.00	230.00	0.00012	-70.00	230.00	0.00013
-60.00	230.00	0.00013	-50.00	230.00	0.00014
-40.00	230.00	0.00015	-30.00	230.00	0.00015
-25.00	230.00	0.00015	-20.00	230.00	0.00015
-17.00	230.00	0.00015	-15.00	230.00	0.00015
-13.00	230.00	0.00016	-11.00	230.00	0.00016
-9.00	230.00	0.00016	9.00	230.00	0.00016
11.00	230.00	0.00016	13.00	230.00	0.00016

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

15.00	230.00	0.00016	17.00	230.00	0.00016
20.00	230.00	0.00016	25.00	230.00	0.00016
30.00	230.00	0.00016	40.00	230.00	0.00015
50.00	230.00	0.00015	60.00	230.00	0.00015
70.00	230.00	0.00015	80.00	230.00	0.00014
90.00	230.00	0.00014	100.00	230.00	0.00014
-100.00	240.00	0.00011	-90.00	240.00	0.00011
-80.00	240.00	0.00012	-70.00	240.00	0.00012
-60.00	240.00	0.00013	-50.00	240.00	0.00013
-40.00	240.00	0.00014	-30.00	240.00	0.00014
-25.00	240.00	0.00015	-20.00	240.00	0.00015
-17.00	240.00	0.00015	-15.00	240.00	0.00015
-13.00	240.00	0.00015	-11.00	240.00	0.00015
-9.00	240.00	0.00015	9.00	240.00	0.00015
11.00	240.00	0.00015	13.00	240.00	0.00015
15.00	240.00	0.00015	17.00	240.00	0.00015
20.00	240.00	0.00015	25.00	240.00	0.00015
30.00	240.00	0.00015	40.00	240.00	0.00015
50.00	240.00	0.00015	60.00	240.00	0.00014
70.00	240.00	0.00014	80.00	240.00	0.00014
90.00	240.00	0.00014	100.00	240.00	0.00013
-100.00	250.00	0.00010	-90.00	250.00	0.00011
-80.00	250.00	0.00011	-70.00	250.00	0.00012
-60.00	250.00	0.00012	-50.00	250.00	0.00013
-40.00	250.00	0.00013	-30.00	250.00	0.00014
-25.00	250.00	0.00014	-20.00	250.00	0.00014
-17.00	250.00	0.00014	-15.00	250.00	0.00014
-13.00	250.00	0.00014	-11.00	250.00	0.00014
-9.00	250.00	0.00014	9.00	250.00	0.00014
11.00	250.00	0.00014	13.00	250.00	0.00014
15.00	250.00	0.00014	17.00	250.00	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 122

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00014	25.00	250.00	0.00014
30.00	250.00	0.00014	40.00	250.00	0.00014
50.00	250.00	0.00014	60.00	250.00	0.00014

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

70.00	250.00	0.00014	80.00	250.00	0.00013
90.00	250.00	0.00013	100.00	250.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00231	-90.00	-250.00	0.00250
-80.00	-250.00	0.00272	-70.00	-250.00	0.00296
-60.00	-250.00	0.00321	-50.00	-250.00	0.00349
-40.00	-250.00	0.00377	-30.00	-250.00	0.00401
-25.00	-250.00	0.00410	-20.00	-250.00	0.00416
-17.00	-250.00	0.00417	-15.00	-250.00	0.00417
-13.00	-250.00	0.00415	-11.00	-250.00	0.00411
-9.00	-250.00	0.00405	9.00	-250.00	0.00279
11.00	-250.00	0.00269	13.00	-250.00	0.00260
15.00	-250.00	0.00252	17.00	-250.00	0.00244
20.00	-250.00	0.00232	25.00	-250.00	0.00212
30.00	-250.00	0.00194	40.00	-250.00	0.00165
50.00	-250.00	0.00142	60.00	-250.00	0.00124
70.00	-250.00	0.00110	80.00	-250.00	0.00098
90.00	-250.00	0.00088	100.00	-250.00	0.00080
-100.00	-240.00	0.00242	-90.00	-240.00	0.00264
-80.00	-240.00	0.00289	-70.00	-240.00	0.00317
-60.00	-240.00	0.00348	-50.00	-240.00	0.00382
-40.00	-240.00	0.00419	-30.00	-240.00	0.00454
-25.00	-240.00	0.00471	-20.00	-240.00	0.00484
-17.00	-240.00	0.00490	-15.00	-240.00	0.00492
-13.00	-240.00	0.00493	-11.00	-240.00	0.00492
-9.00	-240.00	0.00488	9.00	-240.00	0.00323
11.00	-240.00	0.00308	13.00	-240.00	0.00295
15.00	-240.00	0.00282	17.00	-240.00	0.00269
20.00	-240.00	0.00253	25.00	-240.00	0.00228
30.00	-240.00	0.00208	40.00	-240.00	0.00176
50.00	-240.00	0.00152	60.00	-240.00	0.00132
70.00	-240.00	0.00116	80.00	-240.00	0.00103
90.00	-240.00	0.00092	100.00	-240.00	0.00083
-100.00	-230.00	0.00252	-90.00	-230.00	0.00276
-80.00	-230.00	0.00303	-70.00	-230.00	0.00335

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-60.00	-230.00	0.00371	-50.00	-230.00	0.00412
-40.00	-230.00	0.00457	-30.00	-230.00	0.00504
-25.00	-230.00	0.00529	-20.00	-230.00	0.00553
-17.00	-230.00	0.00566	-15.00	-230.00	0.00575
-13.00	-230.00	0.00584	-11.00	-230.00	0.00593
-9.00	-230.00	0.00601	9.00	-230.00	0.00365
11.00	-230.00	0.00343	13.00	-230.00	0.00324
15.00	-230.00	0.00308	17.00	-230.00	0.00294

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 124
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00275	25.00	-230.00	0.00248
30.00	-230.00	0.00225	40.00	-230.00	0.00189
50.00	-230.00	0.00162	60.00	-230.00	0.00140
70.00	-230.00	0.00123	80.00	-230.00	0.00108
90.00	-230.00	0.00096	100.00	-230.00	0.00087
-100.00	-220.00	0.00261	-90.00	-220.00	0.00286
-80.00	-220.00	0.00316	-70.00	-220.00	0.00350
-60.00	-220.00	0.00390	-50.00	-220.00	0.00435
-40.00	-220.00	0.00486	-30.00	-220.00	0.00541
-25.00	-220.00	0.00571	-20.00	-220.00	0.00602
-17.00	-220.00	0.00621	-15.00	-220.00	0.00635
-13.00	-220.00	0.00650	-11.00	-220.00	0.00668
-9.00	-220.00	0.00691	9.00	-220.00	0.00432
11.00	-220.00	0.00398	13.00	-220.00	0.00372
15.00	-220.00	0.00350	17.00	-220.00	0.00331
20.00	-220.00	0.00307	25.00	-220.00	0.00274
30.00	-220.00	0.00247	40.00	-220.00	0.00205
50.00	-220.00	0.00174	60.00	-220.00	0.00149
70.00	-220.00	0.00130	80.00	-220.00	0.00114
90.00	-220.00	0.00101	100.00	-220.00	0.00090
-100.00	-210.00	0.00268	-90.00	-210.00	0.00295
-80.00	-210.00	0.00327	-70.00	-210.00	0.00363
-60.00	-210.00	0.00406	-50.00	-210.00	0.00454
-40.00	-210.00	0.00508	-30.00	-210.00	0.00566
-25.00	-210.00	0.00595	-20.00	-210.00	0.00627
-17.00	-210.00	0.00647	-15.00	-210.00	0.00662

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-13.00	-210.00	0.00679	-11.00	-210.00	0.00701
-9.00	-210.00	0.00734	9.00	-210.00	0.00562
11.00	-210.00	0.00507	13.00	-210.00	0.00464
15.00	-210.00	0.00429	17.00	-210.00	0.00400
20.00	-210.00	0.00364	25.00	-210.00	0.00317
30.00	-210.00	0.00281	40.00	-210.00	0.00227
50.00	-210.00	0.00189	60.00	-210.00	0.00161
70.00	-210.00	0.00139	80.00	-210.00	0.00121
90.00	-210.00	0.00107	100.00	-210.00	0.00095
-100.00	-200.00	0.00275	-90.00	-200.00	0.00303
-80.00	-200.00	0.00336	-70.00	-200.00	0.00374
-60.00	-200.00	0.00417	-50.00	-200.00	0.00467
-40.00	-200.00	0.00521	-30.00	-200.00	0.00580
-25.00	-200.00	0.00611	-20.00	-200.00	0.00645

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00670	-15.00	-200.00	0.00690
-13.00	-200.00	0.00716	-11.00	-200.00	0.00750
-9.00	-200.00	0.00801	9.00	-200.00	0.00682
11.00	-200.00	0.00614	13.00	-200.00	0.00560
15.00	-200.00	0.00515	17.00	-200.00	0.00477
20.00	-200.00	0.00430	25.00	-200.00	0.00368
30.00	-200.00	0.00321	40.00	-200.00	0.00254
50.00	-200.00	0.00208	60.00	-200.00	0.00174
70.00	-200.00	0.00149	80.00	-200.00	0.00129
90.00	-200.00	0.00113	100.00	-200.00	0.00100
-100.00	-190.00	0.00280	-90.00	-190.00	0.00309
-80.00	-190.00	0.00342	-70.00	-190.00	0.00381
-60.00	-190.00	0.00425	-50.00	-190.00	0.00475
-40.00	-190.00	0.00531	-30.00	-190.00	0.00592
-25.00	-190.00	0.00626	-20.00	-190.00	0.00668
-17.00	-190.00	0.00701	-15.00	-190.00	0.00729
-13.00	-190.00	0.00764	-11.00	-190.00	0.00811
-9.00	-190.00	0.00873	9.00	-190.00	0.00777
11.00	-190.00	0.00703	13.00	-190.00	0.00642
15.00	-190.00	0.00590	17.00	-190.00	0.00546

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

20.00	-190.00	0.00491	25.00	-190.00	0.00418
30.00	-190.00	0.00362	40.00	-190.00	0.00282
50.00	-190.00	0.00228	60.00	-190.00	0.00189
70.00	-190.00	0.00160	80.00	-190.00	0.00138
90.00	-190.00	0.00120	100.00	-190.00	0.00105
-100.00	-180.00	0.00284	-90.00	-180.00	0.00313
-80.00	-180.00	0.00347	-70.00	-180.00	0.00386
-60.00	-180.00	0.00431	-50.00	-180.00	0.00482
-40.00	-180.00	0.00539	-30.00	-180.00	0.00605
-25.00	-180.00	0.00645	-20.00	-180.00	0.00696
-17.00	-180.00	0.00737	-15.00	-180.00	0.00771
-13.00	-180.00	0.00814	-11.00	-180.00	0.00867
-9.00	-180.00	0.00936	9.00	-180.00	0.00852
11.00	-180.00	0.00773	13.00	-180.00	0.00709
15.00	-180.00	0.00653	17.00	-180.00	0.00605
20.00	-180.00	0.00544	25.00	-180.00	0.00463
30.00	-180.00	0.00401	40.00	-180.00	0.00310
50.00	-180.00	0.00248	60.00	-180.00	0.00205
70.00	-180.00	0.00172	80.00	-180.00	0.00147
90.00	-180.00	0.00127	100.00	-180.00	0.00111

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
 PAGE 126

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00287	-90.00	-170.00	0.00316
-80.00	-170.00	0.00350	-70.00	-170.00	0.00390
-60.00	-170.00	0.00435	-50.00	-170.00	0.00487
-40.00	-170.00	0.00547	-30.00	-170.00	0.00619
-25.00	-170.00	0.00665	-20.00	-170.00	0.00725
-17.00	-170.00	0.00772	-15.00	-170.00	0.00811
-13.00	-170.00	0.00857	-11.00	-170.00	0.00915
-9.00	-170.00	0.00988	9.00	-170.00	0.00911
11.00	-170.00	0.00830	13.00	-170.00	0.00763
15.00	-170.00	0.00706	17.00	-170.00	0.00655
20.00	-170.00	0.00590	25.00	-170.00	0.00503
30.00	-170.00	0.00435	40.00	-170.00	0.00336
50.00	-170.00	0.00268	60.00	-170.00	0.00220
70.00	-170.00	0.00184	80.00	-170.00	0.00156

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

90.00	-170.00	0.00135	100.00	-170.00	0.00117
-100.00	-160.00	0.00288	-90.00	-160.00	0.00318
-80.00	-160.00	0.00353	-70.00	-160.00	0.00393
-60.00	-160.00	0.00439	-50.00	-160.00	0.00492
-40.00	-160.00	0.00556	-30.00	-160.00	0.00635
-25.00	-160.00	0.00686	-20.00	-160.00	0.00752
-17.00	-160.00	0.00804	-15.00	-160.00	0.00845
-13.00	-160.00	0.00894	-11.00	-160.00	0.00954
-9.00	-160.00	0.01029	9.00	-160.00	0.00958
11.00	-160.00	0.00874	13.00	-160.00	0.00807
15.00	-160.00	0.00748	17.00	-160.00	0.00696
20.00	-160.00	0.00629	25.00	-160.00	0.00537
30.00	-160.00	0.00465	40.00	-160.00	0.00360
50.00	-160.00	0.00287	60.00	-160.00	0.00234
70.00	-160.00	0.00195	80.00	-160.00	0.00165
90.00	-160.00	0.00142	100.00	-160.00	0.00124
-100.00	-150.00	0.00290	-90.00	-150.00	0.00320
-80.00	-150.00	0.00355	-70.00	-150.00	0.00395
-60.00	-150.00	0.00442	-50.00	-150.00	0.00498
-40.00	-150.00	0.00565	-30.00	-150.00	0.00650
-25.00	-150.00	0.00706	-20.00	-150.00	0.00777
-17.00	-150.00	0.00832	-15.00	-150.00	0.00875
-13.00	-150.00	0.00926	-11.00	-150.00	0.00987
-9.00	-150.00	0.01064	9.00	-150.00	0.00996
11.00	-150.00	0.00911	13.00	-150.00	0.00842
15.00	-150.00	0.00783	17.00	-150.00	0.00730

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTS:
 PAGE 127
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00661	25.00	-150.00	0.00567
30.00	-150.00	0.00491	40.00	-150.00	0.00381
50.00	-150.00	0.00304	60.00	-150.00	0.00248
70.00	-150.00	0.00206	80.00	-150.00	0.00174
90.00	-150.00	0.00149	100.00	-150.00	0.00130
-100.00	-140.00	0.00291	-90.00	-140.00	0.00321
-80.00	-140.00	0.00356	-70.00	-140.00	0.00398
-60.00	-140.00	0.00446	-50.00	-140.00	0.00504

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-40.00	-140.00	0.00574	-30.00	-140.00	0.00664
-25.00	-140.00	0.00724	-20.00	-140.00	0.00799
-17.00	-140.00	0.00855	-15.00	-140.00	0.00899
-13.00	-140.00	0.00951	-11.00	-140.00	0.01016
-9.00	-140.00	0.01095	9.00	-140.00	0.01029
11.00	-140.00	0.00942	13.00	-140.00	0.00871
15.00	-140.00	0.00811	17.00	-140.00	0.00758
20.00	-140.00	0.00689	25.00	-140.00	0.00592
30.00	-140.00	0.00514	40.00	-140.00	0.00400
50.00	-140.00	0.00319	60.00	-140.00	0.00261
70.00	-140.00	0.00217	80.00	-140.00	0.00183
90.00	-140.00	0.00157	100.00	-140.00	0.00136
-100.00	-130.00	0.00291	-90.00	-130.00	0.00322
-80.00	-130.00	0.00358	-70.00	-130.00	0.00400
-60.00	-130.00	0.00449	-50.00	-130.00	0.00509
-40.00	-130.00	0.00583	-30.00	-130.00	0.00678
-25.00	-130.00	0.00740	-20.00	-130.00	0.00817
-17.00	-130.00	0.00875	-15.00	-130.00	0.00920
-13.00	-130.00	0.00973	-11.00	-130.00	0.01038
-9.00	-130.00	0.01119	9.00	-130.00	0.01051
11.00	-130.00	0.00968	13.00	-130.00	0.00897
15.00	-130.00	0.00836	17.00	-130.00	0.00782
20.00	-130.00	0.00712	25.00	-130.00	0.00614
30.00	-130.00	0.00535	40.00	-130.00	0.00417
50.00	-130.00	0.00333	60.00	-130.00	0.00273
70.00	-130.00	0.00227	80.00	-130.00	0.00192
90.00	-130.00	0.00164	100.00	-130.00	0.00141
-100.00	-120.00	0.00292	-90.00	-120.00	0.00323
-80.00	-120.00	0.00359	-70.00	-120.00	0.00402
-60.00	-120.00	0.00453	-50.00	-120.00	0.00515
-40.00	-120.00	0.00592	-30.00	-120.00	0.00691
-25.00	-120.00	0.00754	-20.00	-120.00	0.00833

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00892	-15.00	-120.00	0.00939
-13.00	-120.00	0.00993	-11.00	-120.00	0.01058

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-9.00	-120.00	0.01139	9.00	-120.00	0.01067
11.00	-120.00	0.00985	13.00	-120.00	0.00916
15.00	-120.00	0.00856	17.00	-120.00	0.00802
20.00	-120.00	0.00731	25.00	-120.00	0.00632
30.00	-120.00	0.00552	40.00	-120.00	0.00432
50.00	-120.00	0.00346	60.00	-120.00	0.00283
70.00	-120.00	0.00236	80.00	-120.00	0.00199
90.00	-120.00	0.00170	100.00	-120.00	0.00147
-100.00	-110.00	0.00292	-90.00	-110.00	0.00323
-80.00	-110.00	0.00360	-70.00	-110.00	0.00404
-60.00	-110.00	0.00456	-50.00	-110.00	0.00520
-40.00	-110.00	0.00600	-30.00	-110.00	0.00702
-25.00	-110.00	0.00767	-20.00	-110.00	0.00847
-17.00	-110.00	0.00907	-15.00	-110.00	0.00954
-13.00	-110.00	0.01008	-11.00	-110.00	0.01073
-9.00	-110.00	0.01154	9.00	-110.00	0.01085
11.00	-110.00	0.01002	13.00	-110.00	0.00933
15.00	-110.00	0.00872	17.00	-110.00	0.00818
20.00	-110.00	0.00747	25.00	-110.00	0.00648
30.00	-110.00	0.00568	40.00	-110.00	0.00445
50.00	-110.00	0.00357	60.00	-110.00	0.00293
70.00	-110.00	0.00244	80.00	-110.00	0.00206
90.00	-110.00	0.00176	100.00	-110.00	0.00152
-100.00	-100.00	0.00292	-90.00	-100.00	0.00324
-80.00	-100.00	0.00361	-70.00	-100.00	0.00406
-60.00	-100.00	0.00460	-50.00	-100.00	0.00525
-40.00	-100.00	0.00607	-30.00	-100.00	0.00712
-25.00	-100.00	0.00778	-20.00	-100.00	0.00859
-17.00	-100.00	0.00920	-15.00	-100.00	0.00967
-13.00	-100.00	0.01022	-11.00	-100.00	0.01087
-9.00	-100.00	0.01167	9.00	-100.00	0.01099
11.00	-100.00	0.01017	13.00	-100.00	0.00947
15.00	-100.00	0.00886	17.00	-100.00	0.00832
20.00	-100.00	0.00761	25.00	-100.00	0.00662
30.00	-100.00	0.00581	40.00	-100.00	0.00457
50.00	-100.00	0.00368	60.00	-100.00	0.00302
70.00	-100.00	0.00252	80.00	-100.00	0.00213
90.00	-100.00	0.00182	100.00	-100.00	0.00157

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00292	-90.00	-90.00	0.00324
-80.00	-90.00	0.00362	-70.00	-90.00	0.00408
-60.00	-90.00	0.00463	-50.00	-90.00	0.00530
-40.00	-90.00	0.00614	-30.00	-90.00	0.00720
-25.00	-90.00	0.00787	-20.00	-90.00	0.00870
-17.00	-90.00	0.00930	-15.00	-90.00	0.00978
-13.00	-90.00	0.01033	-11.00	-90.00	0.01098
-9.00	-90.00	0.01178	9.00	-90.00	0.01113
11.00	-90.00	0.01029	13.00	-90.00	0.00959
15.00	-90.00	0.00898	17.00	-90.00	0.00844
20.00	-90.00	0.00773	25.00	-90.00	0.00673
30.00	-90.00	0.00592	40.00	-90.00	0.00467
50.00	-90.00	0.00377	60.00	-90.00	0.00310
70.00	-90.00	0.00259	80.00	-90.00	0.00219
90.00	-90.00	0.00187	100.00	-90.00	0.00162
-100.00	-80.00	0.00291	-90.00	-80.00	0.00324
-80.00	-80.00	0.00363	-70.00	-80.00	0.00409
-60.00	-80.00	0.00466	-50.00	-80.00	0.00534
-40.00	-80.00	0.00619	-30.00	-80.00	0.00728
-25.00	-80.00	0.00796	-20.00	-80.00	0.00879
-17.00	-80.00	0.00940	-15.00	-80.00	0.00987
-13.00	-80.00	0.01042	-11.00	-80.00	0.01108
-9.00	-80.00	0.01188	9.00	-80.00	0.01125
11.00	-80.00	0.01040	13.00	-80.00	0.00970
15.00	-80.00	0.00909	17.00	-80.00	0.00854
20.00	-80.00	0.00783	25.00	-80.00	0.00683
30.00	-80.00	0.00602	40.00	-80.00	0.00477
50.00	-80.00	0.00386	60.00	-80.00	0.00317
70.00	-80.00	0.00265	80.00	-80.00	0.00224
90.00	-80.00	0.00192	100.00	-80.00	0.00166
-100.00	-70.00	0.00291	-90.00	-70.00	0.00324
-80.00	-70.00	0.00364	-70.00	-70.00	0.00411
-60.00	-70.00	0.00468	-50.00	-70.00	0.00538
-40.00	-70.00	0.00625	-30.00	-70.00	0.00734
-25.00	-70.00	0.00803	-20.00	-70.00	0.00886
-17.00	-70.00	0.00948	-15.00	-70.00	0.00995
-13.00	-70.00	0.01050	-11.00	-70.00	0.01116
-9.00	-70.00	0.01196	9.00	-70.00	0.01135
11.00	-70.00	0.01049	13.00	-70.00	0.00979
15.00	-70.00	0.00918	17.00	-70.00	0.00864

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00792	25.00	-70.00	0.00692
30.00	-70.00	0.00610	40.00	-70.00	0.00485
50.00	-70.00	0.00393	60.00	-70.00	0.00324
70.00	-70.00	0.00271	80.00	-70.00	0.00229
90.00	-70.00	0.00197	100.00	-70.00	0.00170
-100.00	-60.00	0.00290	-90.00	-60.00	0.00324
-80.00	-60.00	0.00364	-70.00	-60.00	0.00412
-60.00	-60.00	0.00470	-50.00	-60.00	0.00541
-40.00	-60.00	0.00629	-30.00	-60.00	0.00739
-25.00	-60.00	0.00809	-20.00	-60.00	0.00893
-17.00	-60.00	0.00955	-15.00	-60.00	0.01003
-13.00	-60.00	0.01058	-11.00	-60.00	0.01123
-9.00	-60.00	0.01203	9.00	-60.00	0.01145
11.00	-60.00	0.01058	13.00	-60.00	0.00987
15.00	-60.00	0.00926	17.00	-60.00	0.00872
20.00	-60.00	0.00800	25.00	-60.00	0.00699
30.00	-60.00	0.00617	40.00	-60.00	0.00492
50.00	-60.00	0.00400	60.00	-60.00	0.00330
70.00	-60.00	0.00276	80.00	-60.00	0.00234
90.00	-60.00	0.00201	100.00	-60.00	0.00174
-100.00	-50.00	0.00290	-90.00	-50.00	0.00324
-80.00	-50.00	0.00364	-70.00	-50.00	0.00413
-60.00	-50.00	0.00472	-50.00	-50.00	0.00544
-40.00	-50.00	0.00632	-30.00	-50.00	0.00744
-25.00	-50.00	0.00813	-20.00	-50.00	0.00898
-17.00	-50.00	0.00960	-15.00	-50.00	0.01007
-13.00	-50.00	0.01063	-11.00	-50.00	0.01130
-9.00	-50.00	0.01213	9.00	-50.00	0.01153
11.00	-50.00	0.01066	13.00	-50.00	0.00993
15.00	-50.00	0.00932	17.00	-50.00	0.00878
20.00	-50.00	0.00806	25.00	-50.00	0.00706
30.00	-50.00	0.00624	40.00	-50.00	0.00498
50.00	-50.00	0.00405	60.00	-50.00	0.00335
70.00	-50.00	0.00281	80.00	-50.00	0.00238

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90.00	-50.00	0.00204	100.00	-50.00	0.00177
-100.00	-40.00	0.00289	-90.00	-40.00	0.00323
-80.00	-40.00	0.00364	-70.00	-40.00	0.00414
-60.00	-40.00	0.00474	-50.00	-40.00	0.00546
-40.00	-40.00	0.00635	-30.00	-40.00	0.00748
-25.00	-40.00	0.00817	-20.00	-40.00	0.00903

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00964	-15.00	-40.00	0.01012
-13.00	-40.00	0.01068	-11.00	-40.00	0.01135
-9.00	-40.00	0.01218	9.00	-40.00	0.01156
11.00	-40.00	0.01073	13.00	-40.00	0.01001
15.00	-40.00	0.00939	17.00	-40.00	0.00885
20.00	-40.00	0.00813	25.00	-40.00	0.00712
30.00	-40.00	0.00629	40.00	-40.00	0.00503
50.00	-40.00	0.00410	60.00	-40.00	0.00340
70.00	-40.00	0.00285	80.00	-40.00	0.00242
90.00	-40.00	0.00208	100.00	-40.00	0.00180
-100.00	-30.00	0.00288	-90.00	-30.00	0.00323
-80.00	-30.00	0.00364	-70.00	-30.00	0.00414
-60.00	-30.00	0.00474	-50.00	-30.00	0.00548
-40.00	-30.00	0.00638	-30.00	-30.00	0.00751
-25.00	-30.00	0.00821	-20.00	-30.00	0.00906
-17.00	-30.00	0.00969	-15.00	-30.00	0.01017
-13.00	-30.00	0.01073	-11.00	-30.00	0.01140
-9.00	-30.00	0.01223	9.00	-30.00	0.01157
11.00	-30.00	0.01075	13.00	-30.00	0.01005
15.00	-30.00	0.00944	17.00	-30.00	0.00889
20.00	-30.00	0.00817	25.00	-30.00	0.00717
30.00	-30.00	0.00634	40.00	-30.00	0.00508
50.00	-30.00	0.00415	60.00	-30.00	0.00344
70.00	-30.00	0.00289	80.00	-30.00	0.00246
90.00	-30.00	0.00211	100.00	-30.00	0.00182
-100.00	-20.00	0.00287	-90.00	-20.00	0.00322
-80.00	-20.00	0.00363	-70.00	-20.00	0.00414
-60.00	-20.00	0.00475	-50.00	-20.00	0.00549

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-40.00	-20.00	0.00639	-30.00	-20.00	0.00753
-25.00	-20.00	0.00824	-20.00	-20.00	0.00909
-17.00	-20.00	0.00972	-15.00	-20.00	0.01021
-13.00	-20.00	0.01077	-11.00	-20.00	0.01143
-9.00	-20.00	0.01225	9.00	-20.00	0.01161
11.00	-20.00	0.01078	13.00	-20.00	0.01009
15.00	-20.00	0.00948	17.00	-20.00	0.00893
20.00	-20.00	0.00821	25.00	-20.00	0.00721
30.00	-20.00	0.00639	40.00	-20.00	0.00512
50.00	-20.00	0.00419	60.00	-20.00	0.00348
70.00	-20.00	0.00292	80.00	-20.00	0.00249
90.00	-20.00	0.00213	100.00	-20.00	0.00185

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00285	-90.00	-10.00	0.00320
-80.00	-10.00	0.00362	-70.00	-10.00	0.00413
-60.00	-10.00	0.00475	-50.00	-10.00	0.00549
-40.00	-10.00	0.00641	-30.00	-10.00	0.00755
-25.00	-10.00	0.00826	-20.00	-10.00	0.00911
-17.00	-10.00	0.00974	-15.00	-10.00	0.01023
-13.00	-10.00	0.01079	-11.00	-10.00	0.01145
-9.00	-10.00	0.01227	9.00	-10.00	0.01164
11.00	-10.00	0.01082	13.00	-10.00	0.01012
15.00	-10.00	0.00951	17.00	-10.00	0.00896
20.00	-10.00	0.00824	25.00	-10.00	0.00724
30.00	-10.00	0.00642	40.00	-10.00	0.00515
50.00	-10.00	0.00422	60.00	-10.00	0.00351
70.00	-10.00	0.00295	80.00	-10.00	0.00251
90.00	-10.00	0.00216	100.00	-10.00	0.00187
-100.00	0.00	0.00284	-90.00	0.00	0.00319
-80.00	0.00	0.00361	-70.00	0.00	0.00412
-60.00	0.00	0.00474	-50.00	0.00	0.00549
-40.00	0.00	0.00641	-30.00	0.00	0.00756
-25.00	0.00	0.00827	-20.00	0.00	0.00913
-17.00	0.00	0.00976	-15.00	0.00	0.01024
-13.00	0.00	0.01081	-11.00	0.00	0.01147

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-9.00	0.00	0.01228	9.00	0.00	0.01168
11.00	0.00	0.01084	13.00	0.00	0.01014
15.00	0.00	0.00953	17.00	0.00	0.00899
20.00	0.00	0.00827	25.00	0.00	0.00727
30.00	0.00	0.00645	40.00	0.00	0.00518
50.00	0.00	0.00425	60.00	0.00	0.00354
70.00	0.00	0.00298	80.00	0.00	0.00254
90.00	0.00	0.00218	100.00	0.00	0.00189
-100.00	10.00	0.00282	-90.00	10.00	0.00317
-80.00	10.00	0.00360	-70.00	10.00	0.00411
-60.00	10.00	0.00473	-50.00	10.00	0.00548
-40.00	10.00	0.00641	-30.00	10.00	0.00756
-25.00	10.00	0.00827	-20.00	10.00	0.00914
-17.00	10.00	0.00977	-15.00	10.00	0.01026
-13.00	10.00	0.01082	-11.00	10.00	0.01148
-9.00	10.00	0.01229	9.00	10.00	0.01171
11.00	10.00	0.01087	13.00	10.00	0.01017
15.00	10.00	0.00955	17.00	10.00	0.00901

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00829	25.00	10.00	0.00729
30.00	10.00	0.00647	40.00	10.00	0.00520
50.00	10.00	0.00427	60.00	10.00	0.00356
70.00	10.00	0.00300	80.00	10.00	0.00255
90.00	10.00	0.00220	100.00	10.00	0.00190
-100.00	20.00	0.00279	-90.00	20.00	0.00315
-80.00	20.00	0.00357	-70.00	20.00	0.00409
-60.00	20.00	0.00471	-50.00	20.00	0.00547
-40.00	20.00	0.00640	-30.00	20.00	0.00756
-25.00	20.00	0.00827	-20.00	20.00	0.00914
-17.00	20.00	0.00977	-15.00	20.00	0.01026
-13.00	20.00	0.01082	-11.00	20.00	0.01148
-9.00	20.00	0.01229	9.00	20.00	0.01173
11.00	20.00	0.01088	13.00	20.00	0.01018
15.00	20.00	0.00957	17.00	20.00	0.00903
20.00	20.00	0.00831	25.00	20.00	0.00730

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

30.00	20.00	0.00649	40.00	20.00	0.00522
50.00	20.00	0.00429	60.00	20.00	0.00357
70.00	20.00	0.00302	80.00	20.00	0.00257
90.00	20.00	0.00221	100.00	20.00	0.00191
-100.00	30.00	0.00277	-90.00	30.00	0.00312
-80.00	30.00	0.00355	-70.00	30.00	0.00407
-60.00	30.00	0.00469	-50.00	30.00	0.00545
-40.00	30.00	0.00638	-30.00	30.00	0.00754
-25.00	30.00	0.00827	-20.00	30.00	0.00913
-17.00	30.00	0.00977	-15.00	30.00	0.01026
-13.00	30.00	0.01082	-11.00	30.00	0.01148
-9.00	30.00	0.01229	9.00	30.00	0.01176
11.00	30.00	0.01090	13.00	30.00	0.01019
15.00	30.00	0.00958	17.00	30.00	0.00904
20.00	30.00	0.00832	25.00	30.00	0.00731
30.00	30.00	0.00649	40.00	30.00	0.00523
50.00	30.00	0.00430	60.00	30.00	0.00359
70.00	30.00	0.00303	80.00	30.00	0.00258
90.00	30.00	0.00222	100.00	30.00	0.00192
-100.00	40.00	0.00274	-90.00	40.00	0.00309
-80.00	40.00	0.00352	-70.00	40.00	0.00404
-60.00	40.00	0.00466	-50.00	40.00	0.00542
-40.00	40.00	0.00636	-30.00	40.00	0.00752
-25.00	40.00	0.00824	-20.00	40.00	0.00912

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00975	-15.00	40.00	0.01024
-13.00	40.00	0.01080	-11.00	40.00	0.01148
-9.00	40.00	0.01232	9.00	40.00	0.01178
11.00	40.00	0.01091	13.00	40.00	0.01018
15.00	40.00	0.00958	17.00	40.00	0.00904
20.00	40.00	0.00832	25.00	40.00	0.00732
30.00	40.00	0.00650	40.00	40.00	0.00524
50.00	40.00	0.00431	60.00	40.00	0.00360
70.00	40.00	0.00304	80.00	40.00	0.00259
90.00	40.00	0.00223	100.00	40.00	0.00193

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-100.00	50.00	0.00270	-90.00	50.00	0.00306
-80.00	50.00	0.00349	-70.00	50.00	0.00400
-60.00	50.00	0.00463	-50.00	50.00	0.00539
-40.00	50.00	0.00632	-30.00	50.00	0.00749
-25.00	50.00	0.00822	-20.00	50.00	0.00909
-17.00	50.00	0.00973	-15.00	50.00	0.01022
-13.00	50.00	0.01078	-11.00	50.00	0.01146
-9.00	50.00	0.01230	9.00	50.00	0.01174
11.00	50.00	0.01091	13.00	50.00	0.01020
15.00	50.00	0.00959	17.00	50.00	0.00904
20.00	50.00	0.00832	25.00	50.00	0.00732
30.00	50.00	0.00650	40.00	50.00	0.00524
50.00	50.00	0.00431	60.00	50.00	0.00360
70.00	50.00	0.00304	80.00	50.00	0.00259
90.00	50.00	0.00223	100.00	50.00	0.00194
-100.00	60.00	0.00266	-90.00	60.00	0.00302
-80.00	60.00	0.00345	-70.00	60.00	0.00396
-60.00	60.00	0.00458	-50.00	60.00	0.00534
-40.00	60.00	0.00628	-30.00	60.00	0.00746
-25.00	60.00	0.00818	-20.00	60.00	0.00906
-17.00	60.00	0.00970	-15.00	60.00	0.01020
-13.00	60.00	0.01077	-11.00	60.00	0.01145
-9.00	60.00	0.01228	9.00	60.00	0.01169
11.00	60.00	0.01087	13.00	60.00	0.01018
15.00	60.00	0.00957	17.00	60.00	0.00903
20.00	60.00	0.00831	25.00	60.00	0.00732
30.00	60.00	0.00650	40.00	60.00	0.00524
50.00	60.00	0.00431	60.00	60.00	0.00360
70.00	60.00	0.00304	80.00	60.00	0.00259
90.00	60.00	0.00223	100.00	60.00	0.00194

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 135
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00262	-90.00	70.00	0.00297
-80.00	70.00	0.00340	-70.00	70.00	0.00391
-60.00	70.00	0.00453	-50.00	70.00	0.00529
-40.00	70.00	0.00623	-30.00	70.00	0.00741

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-25.00	70.00	0.00814	-20.00	70.00	0.00902
-17.00	70.00	0.00966	-15.00	70.00	0.01016
-13.00	70.00	0.01073	-11.00	70.00	0.01140
-9.00	70.00	0.01224	9.00	70.00	0.01167
11.00	70.00	0.01085	13.00	70.00	0.01015
15.00	70.00	0.00955	17.00	70.00	0.00901
20.00	70.00	0.00830	25.00	70.00	0.00730
30.00	70.00	0.00649	40.00	70.00	0.00523
50.00	70.00	0.00430	60.00	70.00	0.00359
70.00	70.00	0.00303	80.00	70.00	0.00259
90.00	70.00	0.00223	100.00	70.00	0.00194
-100.00	80.00	0.00257	-90.00	80.00	0.00292
-80.00	80.00	0.00335	-70.00	80.00	0.00385
-60.00	80.00	0.00447	-50.00	80.00	0.00523
-40.00	80.00	0.00617	-30.00	80.00	0.00735
-25.00	80.00	0.00809	-20.00	80.00	0.00897
-17.00	80.00	0.00961	-15.00	80.00	0.01011
-13.00	80.00	0.01068	-11.00	80.00	0.01136
-9.00	80.00	0.01218	9.00	80.00	0.01164
11.00	80.00	0.01082	13.00	80.00	0.01013
15.00	80.00	0.00952	17.00	80.00	0.00899
20.00	80.00	0.00827	25.00	80.00	0.00728
30.00	80.00	0.00647	40.00	80.00	0.00521
50.00	80.00	0.00429	60.00	80.00	0.00358
70.00	80.00	0.00302	80.00	80.00	0.00258
90.00	80.00	0.00223	100.00	80.00	0.00194
-100.00	90.00	0.00251	-90.00	90.00	0.00286
-80.00	90.00	0.00328	-70.00	90.00	0.00379
-60.00	90.00	0.00440	-50.00	90.00	0.00516
-40.00	90.00	0.00609	-30.00	90.00	0.00728
-25.00	90.00	0.00802	-20.00	90.00	0.00890
-17.00	90.00	0.00955	-15.00	90.00	0.01005
-13.00	90.00	0.01062	-11.00	90.00	0.01130
-9.00	90.00	0.01212	9.00	90.00	0.01161
11.00	90.00	0.01078	13.00	90.00	0.01009
15.00	90.00	0.00949	17.00	90.00	0.00895

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00824	25.00	90.00	0.00726
30.00	90.00	0.00645	40.00	90.00	0.00519
50.00	90.00	0.00427	60.00	90.00	0.00356
70.00	90.00	0.00301	80.00	90.00	0.00257
90.00	90.00	0.00222	100.00	90.00	0.00193
-100.00	100.00	0.00244	-90.00	100.00	0.00279
-80.00	100.00	0.00321	-70.00	100.00	0.00371
-60.00	100.00	0.00432	-50.00	100.00	0.00507
-40.00	100.00	0.00600	-30.00	100.00	0.00719
-25.00	100.00	0.00793	-20.00	100.00	0.00882
-17.00	100.00	0.00947	-15.00	100.00	0.00997
-13.00	100.00	0.01055	-11.00	100.00	0.01122
-9.00	100.00	0.01205	9.00	100.00	0.01158
11.00	100.00	0.01074	13.00	100.00	0.01005
15.00	100.00	0.00945	17.00	100.00	0.00891
20.00	100.00	0.00820	25.00	100.00	0.00722
30.00	100.00	0.00641	40.00	100.00	0.00516
50.00	100.00	0.00424	60.00	100.00	0.00354
70.00	100.00	0.00299	80.00	100.00	0.00256
90.00	100.00	0.00221	100.00	100.00	0.00193
-100.00	110.00	0.00237	-90.00	110.00	0.00272
-80.00	110.00	0.00313	-70.00	110.00	0.00363
-60.00	110.00	0.00423	-50.00	110.00	0.00497
-40.00	110.00	0.00590	-30.00	110.00	0.00709
-25.00	110.00	0.00783	-20.00	110.00	0.00872
-17.00	110.00	0.00938	-15.00	110.00	0.00988
-13.00	110.00	0.01045	-11.00	110.00	0.01113
-9.00	110.00	0.01196	9.00	110.00	0.01152
11.00	110.00	0.01068	13.00	110.00	0.01000
15.00	110.00	0.00940	17.00	110.00	0.00886
20.00	110.00	0.00816	25.00	110.00	0.00717
30.00	110.00	0.00637	40.00	110.00	0.00513
50.00	110.00	0.00421	60.00	110.00	0.00351
70.00	110.00	0.00297	80.00	110.00	0.00254
90.00	110.00	0.00220	100.00	110.00	0.00193
-100.00	120.00	0.00229	-90.00	120.00	0.00263
-80.00	120.00	0.00304	-70.00	120.00	0.00353
-60.00	120.00	0.00413	-50.00	120.00	0.00486
-40.00	120.00	0.00577	-30.00	120.00	0.00695
-25.00	120.00	0.00770	-20.00	120.00	0.00860

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:28:19
 **MODELOPTs:
 PAGE 137
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00926	-15.00	120.00	0.00977
-13.00	120.00	0.01035	-11.00	120.00	0.01103
-9.00	120.00	0.01185	9.00	120.00	0.01147
11.00	120.00	0.01062	13.00	120.00	0.00993
15.00	120.00	0.00933	17.00	120.00	0.00880
20.00	120.00	0.00810	25.00	120.00	0.00712
30.00	120.00	0.00632	40.00	120.00	0.00508
50.00	120.00	0.00417	60.00	120.00	0.00348
70.00	120.00	0.00294	80.00	120.00	0.00253
90.00	120.00	0.00219	100.00	120.00	0.00192
-100.00	130.00	0.00220	-90.00	130.00	0.00253
-80.00	130.00	0.00293	-70.00	130.00	0.00341
-60.00	130.00	0.00401	-50.00	130.00	0.00473
-40.00	130.00	0.00563	-30.00	130.00	0.00680
-25.00	130.00	0.00754	-20.00	130.00	0.00845
-17.00	130.00	0.00911	-15.00	130.00	0.00962
-13.00	130.00	0.01020	-11.00	130.00	0.01090
-9.00	130.00	0.01176	9.00	130.00	0.01140
11.00	130.00	0.01055	13.00	130.00	0.00984
15.00	130.00	0.00925	17.00	130.00	0.00873
20.00	130.00	0.00803	25.00	130.00	0.00705
30.00	130.00	0.00625	40.00	130.00	0.00502
50.00	130.00	0.00412	60.00	130.00	0.00344
70.00	130.00	0.00292	80.00	130.00	0.00251
90.00	130.00	0.00218	100.00	130.00	0.00191
-100.00	140.00	0.00210	-90.00	140.00	0.00242
-80.00	140.00	0.00280	-70.00	140.00	0.00328
-60.00	140.00	0.00386	-50.00	140.00	0.00458
-40.00	140.00	0.00547	-30.00	140.00	0.00662
-25.00	140.00	0.00736	-20.00	140.00	0.00827
-17.00	140.00	0.00893	-15.00	140.00	0.00944
-13.00	140.00	0.01003	-11.00	140.00	0.01073
-9.00	140.00	0.01160	9.00	140.00	0.01127
11.00	140.00	0.01046	13.00	140.00	0.00976
15.00	140.00	0.00917	17.00	140.00	0.00864
20.00	140.00	0.00795	25.00	140.00	0.00697

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

30.00	140.00	0.00618	40.00	140.00	0.00496
50.00	140.00	0.00406	60.00	140.00	0.00340
70.00	140.00	0.00289	80.00	140.00	0.00249
90.00	140.00	0.00217	100.00	140.00	0.00191

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:28:19
 **MODELOPTs:
 PAGE 138
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00199	-90.00	150.00	0.00229
-80.00	150.00	0.00267	-70.00	150.00	0.00313
-60.00	150.00	0.00370	-50.00	150.00	0.00440
-40.00	150.00	0.00527	-30.00	150.00	0.00641
-25.00	150.00	0.00714	-20.00	150.00	0.00804
-17.00	150.00	0.00871	-15.00	150.00	0.00923
-13.00	150.00	0.00983	-11.00	150.00	0.01054
-9.00	150.00	0.01141	9.00	150.00	0.01110
11.00	150.00	0.01030	13.00	150.00	0.00964
15.00	150.00	0.00905	17.00	150.00	0.00853
20.00	150.00	0.00784	25.00	150.00	0.00688
30.00	150.00	0.00609	40.00	150.00	0.00488
50.00	150.00	0.00400	60.00	150.00	0.00335
70.00	150.00	0.00286	80.00	150.00	0.00247
90.00	150.00	0.00215	100.00	150.00	0.00190
-100.00	160.00	0.00188	-90.00	160.00	0.00216
-80.00	160.00	0.00252	-70.00	160.00	0.00296
-60.00	160.00	0.00350	-50.00	160.00	0.00419
-40.00	160.00	0.00504	-30.00	160.00	0.00616
-25.00	160.00	0.00687	-20.00	160.00	0.00777
-17.00	160.00	0.00844	-15.00	160.00	0.00896
-13.00	160.00	0.00957	-11.00	160.00	0.01027
-9.00	160.00	0.01114	9.00	160.00	0.01094
11.00	160.00	0.01015	13.00	160.00	0.00948
15.00	160.00	0.00891	17.00	160.00	0.00839
20.00	160.00	0.00771	25.00	160.00	0.00675
30.00	160.00	0.00598	40.00	160.00	0.00479
50.00	160.00	0.00394	60.00	160.00	0.00331
70.00	160.00	0.00283	80.00	160.00	0.00245
90.00	160.00	0.00214	100.00	160.00	0.00189

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-100.00	170.00	0.00176	-90.00	170.00	0.00203
-80.00	170.00	0.00235	-70.00	170.00	0.00277
-60.00	170.00	0.00328	-50.00	170.00	0.00394
-40.00	170.00	0.00477	-30.00	170.00	0.00586
-25.00	170.00	0.00656	-20.00	170.00	0.00744
-17.00	170.00	0.00810	-15.00	170.00	0.00862
-13.00	170.00	0.00923	-11.00	170.00	0.00995
-9.00	170.00	0.01082	9.00	170.00	0.01074
11.00	170.00	0.00996	13.00	170.00	0.00930
15.00	170.00	0.00873	17.00	170.00	0.00822

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00755	25.00	170.00	0.00661
30.00	170.00	0.00584	40.00	170.00	0.00469
50.00	170.00	0.00387	60.00	170.00	0.00327
70.00	170.00	0.00280	80.00	170.00	0.00243
90.00	170.00	0.00213	100.00	170.00	0.00188
-100.00	180.00	0.00164	-90.00	180.00	0.00188
-80.00	180.00	0.00218	-70.00	180.00	0.00256
-60.00	180.00	0.00304	-50.00	180.00	0.00365
-40.00	180.00	0.00445	-30.00	180.00	0.00550
-25.00	180.00	0.00618	-20.00	180.00	0.00704
-17.00	180.00	0.00769	-15.00	180.00	0.00821
-13.00	180.00	0.00881	-11.00	180.00	0.00953
-9.00	180.00	0.01041	9.00	180.00	0.01052
11.00	180.00	0.00974	13.00	180.00	0.00909
15.00	180.00	0.00852	17.00	180.00	0.00802
20.00	180.00	0.00736	25.00	180.00	0.00644
30.00	180.00	0.00570	40.00	180.00	0.00459
50.00	180.00	0.00381	60.00	180.00	0.00322
70.00	180.00	0.00277	80.00	180.00	0.00240
90.00	180.00	0.00210	100.00	180.00	0.00186
-100.00	190.00	0.00151	-90.00	190.00	0.00173
-80.00	190.00	0.00201	-70.00	190.00	0.00235
-60.00	190.00	0.00278	-50.00	190.00	0.00334
-40.00	190.00	0.00407	-30.00	190.00	0.00507

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

-25.00	190.00	0.00573	-20.00	190.00	0.00656
-17.00	190.00	0.00719	-15.00	190.00	0.00770
-13.00	190.00	0.00829	-11.00	190.00	0.00901
-9.00	190.00	0.00989	9.00	190.00	0.01024
11.00	190.00	0.00946	13.00	190.00	0.00883
15.00	190.00	0.00827	17.00	190.00	0.00778
20.00	190.00	0.00713	25.00	190.00	0.00625
30.00	190.00	0.00555	40.00	190.00	0.00450
50.00	190.00	0.00375	60.00	190.00	0.00318
70.00	190.00	0.00273	80.00	190.00	0.00237
90.00	190.00	0.00208	100.00	190.00	0.00184
-100.00	200.00	0.00139	-90.00	200.00	0.00159
-80.00	200.00	0.00183	-70.00	200.00	0.00213
-60.00	200.00	0.00252	-50.00	200.00	0.00301
-40.00	200.00	0.00366	-30.00	200.00	0.00457
-25.00	200.00	0.00519	-20.00	200.00	0.00599

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00660	-15.00	200.00	0.00709
-13.00	200.00	0.00766	-11.00	200.00	0.00836
-9.00	200.00	0.00924	9.00	200.00	0.00989
11.00	200.00	0.00912	13.00	200.00	0.00851
15.00	200.00	0.00798	17.00	200.00	0.00751
20.00	200.00	0.00690	25.00	200.00	0.00607
30.00	200.00	0.00542	40.00	200.00	0.00442
50.00	200.00	0.00368	60.00	200.00	0.00312
70.00	200.00	0.00268	80.00	200.00	0.00233
90.00	200.00	0.00205	100.00	200.00	0.00181
-100.00	210.00	0.00128	-90.00	210.00	0.00145
-80.00	210.00	0.00166	-70.00	210.00	0.00192
-60.00	210.00	0.00225	-50.00	210.00	0.00268
-40.00	210.00	0.00324	-30.00	210.00	0.00404
-25.00	210.00	0.00459	-20.00	210.00	0.00532
-17.00	210.00	0.00589	-15.00	210.00	0.00635
-13.00	210.00	0.00690	-11.00	210.00	0.00756
-9.00	210.00	0.00841	9.00	210.00	0.00947

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

11.00	210.00	0.00875	13.00	210.00	0.00817
15.00	210.00	0.00768	17.00	210.00	0.00726
20.00	210.00	0.00670	25.00	210.00	0.00592
30.00	210.00	0.00528	40.00	210.00	0.00431
50.00	210.00	0.00359	60.00	210.00	0.00305
70.00	210.00	0.00263	80.00	210.00	0.00229
90.00	210.00	0.00201	100.00	210.00	0.00179
-100.00	220.00	0.00118	-90.00	220.00	0.00133
-80.00	220.00	0.00152	-70.00	220.00	0.00174
-60.00	220.00	0.00203	-50.00	220.00	0.00239
-40.00	220.00	0.00286	-30.00	220.00	0.00354
-25.00	220.00	0.00401	-20.00	220.00	0.00463
-17.00	220.00	0.00512	-15.00	220.00	0.00551
-13.00	220.00	0.00599	-11.00	220.00	0.00657
-9.00	220.00	0.00731	9.00	220.00	0.00907
11.00	220.00	0.00842	13.00	220.00	0.00787
15.00	220.00	0.00742	17.00	220.00	0.00702
20.00	220.00	0.00648	25.00	220.00	0.00573
30.00	220.00	0.00512	40.00	220.00	0.00419
50.00	220.00	0.00350	60.00	220.00	0.00298
70.00	220.00	0.00257	80.00	220.00	0.00224
90.00	220.00	0.00198	100.00	220.00	0.00176

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 16:28:19 *** Maximum train overlap at North/South Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00109	-90.00	230.00	0.00123
-80.00	230.00	0.00139	-70.00	230.00	0.00159
-60.00	230.00	0.00184	-50.00	230.00	0.00215
-40.00	230.00	0.00257	-30.00	230.00	0.00317
-25.00	230.00	0.00359	-20.00	230.00	0.00414
-17.00	230.00	0.00457	-15.00	230.00	0.00492
-13.00	230.00	0.00533	-11.00	230.00	0.00582
-9.00	230.00	0.00642	9.00	230.00	0.00838
11.00	230.00	0.00788	13.00	230.00	0.00743
15.00	230.00	0.00702	17.00	230.00	0.00665
20.00	230.00	0.00617	25.00	230.00	0.00547
30.00	230.00	0.00491	40.00	230.00	0.00403

02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound

50.00	230.00	0.00339	60.00	230.00	0.00289
70.00	230.00	0.00250	80.00	230.00	0.00219
90.00	230.00	0.00194	100.00	230.00	0.00172
-100.00	240.00	0.00101	-90.00	240.00	0.00113
-80.00	240.00	0.00128	-70.00	240.00	0.00146
-60.00	240.00	0.00168	-50.00	240.00	0.00197
-40.00	240.00	0.00236	-30.00	240.00	0.00294
-25.00	240.00	0.00335	-20.00	240.00	0.00389
-17.00	240.00	0.00432	-15.00	240.00	0.00466
-13.00	240.00	0.00506	-11.00	240.00	0.00551
-9.00	240.00	0.00600	9.00	240.00	0.00704
11.00	240.00	0.00677	13.00	240.00	0.00650
15.00	240.00	0.00623	17.00	240.00	0.00597
20.00	240.00	0.00560	25.00	240.00	0.00505
30.00	240.00	0.00458	40.00	240.00	0.00382
50.00	240.00	0.00324	60.00	240.00	0.00278
70.00	240.00	0.00242	80.00	240.00	0.00213
90.00	240.00	0.00189	100.00	240.00	0.00169
-100.00	250.00	0.00094	-90.00	250.00	0.00105
-80.00	250.00	0.00119	-70.00	250.00	0.00136
-60.00	250.00	0.00157	-50.00	250.00	0.00184
-40.00	250.00	0.00223	-30.00	250.00	0.00279
-25.00	250.00	0.00320	-20.00	250.00	0.00372
-17.00	250.00	0.00410	-15.00	250.00	0.00438
-13.00	250.00	0.00469	-11.00	250.00	0.00500
-9.00	250.00	0.00532	9.00	250.00	0.00585
11.00	250.00	0.00570	13.00	250.00	0.00554
15.00	250.00	0.00537	17.00	250.00	0.00520

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 16:28:19
 MODELOPTs: * Maximum train overlap at North/South Bound Direction ***

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00495	25.00	250.00	0.00455
30.00	250.00	0.00418	40.00	250.00	0.00356
50.00	250.00	0.00306	60.00	250.00	0.00265
70.00	250.00	0.00233	80.00	250.00	0.00206
90.00	250.00	0.00183	100.00	250.00	0.00164

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00688 AT (9.00, 200.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00683 AT (9.00, 210.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00677 AT (9.00, 190.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00673 AT (9.00, 220.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00658 AT (-9.00, 180.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00658 AT (-9.00, 190.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00648 AT (9.00, 180.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00637 AT (-9.00, 170.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00634 AT (-9.00, 200.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00629 AT (9.00, 230.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00688 AT (9.00, 110.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00683 AT (9.00, 120.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00677 AT (9.00, 100.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00673 AT (9.00, 130.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00658 AT (-9.00, 90.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00658 AT (-9.00, 100.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00648 AT (9.00, 90.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00637 AT (-9.00, 80.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00634 AT (-9.00, 110.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00629 AT (9.00, 140.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00688 AT (9.00, 20.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00683 AT (9.00, 30.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00677 AT (9.00, 10.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00673 AT (9.00, 40.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00658 AT (-9.00, 0.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00658 AT (-9.00, 10.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00648 AT (9.00, 0.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00637 AT (-9.00, -10.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00634 AT (-9.00, 20.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00629 AT (9.00, 50.00, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00688 AT (9.00, -70.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00683 AT (9.00, -60.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00677 AT (9.00, -80.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00673 AT (9.00, -50.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00658 AT (-9.00, -90.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00658 AT (-9.00, -80.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00648 AT (9.00, -90.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00637 AT (-9.00, -100.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00634 AT (-9.00, -70.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00629 AT (9.00, -40.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00688 AT (9.00, -160.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00683 AT (9.00, -150.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00677 AT (9.00, -170.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00673 AT (9.00, -140.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00658 AT (-9.00, -180.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00658 AT (-9.00, -170.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00648 AT (9.00, -180.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00637 AT (-9.00, -190.00, 0.00, 1.20)	DC	NA

		02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound								
	9TH HIGHEST VALUE IS	0.00634	AT (	-9.00,	-160.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00629	AT (	9.00,	-130.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01232	AT (	-9.00,	40.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01230	AT (	-9.00,	50.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01229	AT (	-9.00,	20.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01229	AT (	-9.00,	10.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01229	AT (	-9.00,	30.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01228	AT (	-9.00,	60.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01228	AT (	-9.00,	0.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01227	AT (	-9.00,	-10.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01225	AT (	-9.00,	-20.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01224	AT (	-9.00,	70.00,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at North/South Bound Direction ***

16:28:19

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 62 Informational Message(s)
 A Total of 62 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 16:37:33

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at North/South Bound Direction
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTS FLAT
CO FLAGPOLE 1.2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA -4.5 135.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA -4.5 45.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -4.5 -45.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -4.5 -135.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -4.5 -225.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 0 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 0 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 0 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 0 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 0 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

RE DISCCART	-100.0	-250.0	1.2
RE DISCCART	-90.0	-250.0	1.2
RE DISCCART	-80.0	-250.0	1.2
RE DISCCART	-70.0	-250.0	1.2
RE DISCCART	-60.0	-250.0	1.2
RE DISCCART	-50.0	-250.0	1.2
RE DISCCART	-40.0	-250.0	1.2
RE DISCCART	-30.0	-250.0	1.2
RE DISCCART	-25.0	-250.0	1.2
RE DISCCART	-20.0	-250.0	1.2
RE DISCCART	-17.0	-250.0	1.2
RE DISCCART	-15.0	-250.0	1.2
RE DISCCART	-13.0	-250.0	1.2
RE DISCCART	-11.0	-250.0	1.2
RE DISCCART	-9.0	-250.0	1.2
RE DISCCART	9.0	-250.0	1.2
RE DISCCART	11.0	-250.0	1.2
RE DISCCART	13.0	-250.0	1.2
RE DISCCART	15.0	-250.0	1.2
RE DISCCART	17.0	-250.0	1.2
RE DISCCART	20.0	-250.0	1.2
RE DISCCART	25.0	-250.0	1.2
RE DISCCART	30.0	-250.0	1.2
RE DISCCART	40.0	-250.0	1.2
RE DISCCART	50.0	-250.0	1.2
RE DISCCART	60.0	-250.0	1.2
RE DISCCART	70.0	-250.0	1.2
RE DISCCART	80.0	-250.0	1.2
RE DISCCART	90.0	-250.0	1.2
RE DISCCART	100.0	-250.0	1.2
RE DISCCART	-100.0	-240.0	1.2
RE DISCCART	-90.0	-240.0	1.2
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RE DISCCART	100.0	180.0	1.2
RE DISCCART	-100.0	190.0	1.2
RE DISCCART	-90.0	190.0	1.2
RE DISCCART	-80.0	190.0	1.2
RE DISCCART	-70.0	190.0	1.2
RE DISCCART	-60.0	190.0	1.2
RE DISCCART	-50.0	190.0	1.2
RE DISCCART	-40.0	190.0	1.2
RE DISCCART	-30.0	190.0	1.2
RE DISCCART	-25.0	190.0	1.2
RE DISCCART	-20.0	190.0	1.2
RE DISCCART	-17.0	190.0	1.2
RE DISCCART	-15.0	190.0	1.2
RE DISCCART	-13.0	190.0	1.2
RE DISCCART	-11.0	190.0	1.2
RE DISCCART	-9.0	190.0	1.2
RE DISCCART	9.0	190.0	1.2
RE DISCCART	11.0	190.0	1.2
RE DISCCART	13.0	190.0	1.2
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RE DISCCART	17.0	190.0	1.2
RE DISCCART	20.0	190.0	1.2
RE DISCCART	25.0	190.0	1.2
RE DISCCART	30.0	190.0	1.2
RE DISCCART	40.0	190.0	1.2
RE DISCCART	50.0	190.0	1.2
RE DISCCART	60.0	190.0	1.2
RE DISCCART	70.0	190.0	1.2
RE DISCCART	80.0	190.0	1.2
RE DISCCART	90.0	190.0	1.2
RE DISCCART	100.0	190.0	1.2
RE DISCCART	-100.0	200.0	1.2
RE DISCCART	-90.0	200.0	1.2
RE DISCCART	-80.0	200.0	1.2
RE DISCCART	-70.0	200.0	1.2
RE DISCCART	-60.0	200.0	1.2
RE DISCCART	-50.0	200.0	1.2
RE DISCCART	-40.0	200.0	1.2
RE DISCCART	-30.0	200.0	1.2
RE DISCCART	-25.0	200.0	1.2
RE DISCCART	-20.0	200.0	1.2
RE DISCCART	-17.0	200.0	1.2
RE DISCCART	-15.0	200.0	1.2
RE DISCCART	-13.0	200.0	1.2

RE DISCCART	-11.0	200.0	1.2
RE DISCCART	-9.0	200.0	1.2
RE DISCCART	9.0	200.0	1.2
RE DISCCART	11.0	200.0	1.2
RE DISCCART	13.0	200.0	1.2
RE DISCCART	15.0	200.0	1.2
RE DISCCART	17.0	200.0	1.2
RE DISCCART	20.0	200.0	1.2
RE DISCCART	25.0	200.0	1.2
RE DISCCART	30.0	200.0	1.2
RE DISCCART	40.0	200.0	1.2
RE DISCCART	50.0	200.0	1.2
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RE DISCCART	-80.0	210.0	1.2
RE DISCCART	-70.0	210.0	1.2
RE DISCCART	-60.0	210.0	1.2
RE DISCCART	-50.0	210.0	1.2
RE DISCCART	-40.0	210.0	1.2
RE DISCCART	-30.0	210.0	1.2
RE DISCCART	-25.0	210.0	1.2
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RE DISCCART	-30.0	220.0	1.2
RE DISCCART	-25.0	220.0	1.2
RE DISCCART	-20.0	220.0	1.2
RE DISCCART	-17.0	220.0	1.2
RE DISCCART	-15.0	220.0	1.2
RE DISCCART	-13.0	220.0	1.2
RE DISCCART	-11.0	220.0	1.2
RE DISCCART	-9.0	220.0	1.2
RE DISCCART	9.0	220.0	1.2
RE DISCCART	11.0	220.0	1.2
RE DISCCART	13.0	220.0	1.2
RE DISCCART	15.0	220.0	1.2
RE DISCCART	17.0	220.0	1.2
RE DISCCART	20.0	220.0	1.2
RE DISCCART	25.0	220.0	1.2
RE DISCCART	30.0	220.0	1.2
RE DISCCART	40.0	220.0	1.2
RE DISCCART	50.0	220.0	1.2
RE DISCCART	60.0	220.0	1.2
RE DISCCART	70.0	220.0	1.2
RE DISCCART	80.0	220.0	1.2
RE DISCCART	90.0	220.0	1.2
RE DISCCART	100.0	220.0	1.2
RE DISCCART	-100.0	230.0	1.2
RE DISCCART	-90.0	230.0	1.2
RE DISCCART	-80.0	230.0	1.2
RE DISCCART	-70.0	230.0	1.2
RE DISCCART	-60.0	230.0	1.2
RE DISCCART	-50.0	230.0	1.2
RE DISCCART	-40.0	230.0	1.2
RE DISCCART	-30.0	230.0	1.2
RE DISCCART	-25.0	230.0	1.2
RE DISCCART	-20.0	230.0	1.2
RE DISCCART	-17.0	230.0	1.2

RE DISCCART	-15.0	230.0	1.2
RE DISCCART	-13.0	230.0	1.2
RE DISCCART	-11.0	230.0	1.2
RE DISCCART	-9.0	230.0	1.2
RE DISCCART	9.0	230.0	1.2
RE DISCCART	11.0	230.0	1.2
RE DISCCART	13.0	230.0	1.2
RE DISCCART	15.0	230.0	1.2
RE DISCCART	17.0	230.0	1.2
RE DISCCART	20.0	230.0	1.2
RE DISCCART	25.0	230.0	1.2
RE DISCCART	30.0	230.0	1.2
RE DISCCART	40.0	230.0	1.2
RE DISCCART	50.0	230.0	1.2
RE DISCCART	60.0	230.0	1.2
RE DISCCART	70.0	230.0	1.2
RE DISCCART	80.0	230.0	1.2
RE DISCCART	90.0	230.0	1.2
RE DISCCART	100.0	230.0	1.2
RE DISCCART	-100.0	240.0	1.2
RE DISCCART	-90.0	240.0	1.2
RE DISCCART	-80.0	240.0	1.2
RE DISCCART	-70.0	240.0	1.2
RE DISCCART	-60.0	240.0	1.2
RE DISCCART	-50.0	240.0	1.2
RE DISCCART	-40.0	240.0	1.2
RE DISCCART	-30.0	240.0	1.2
RE DISCCART	-25.0	240.0	1.2
RE DISCCART	-20.0	240.0	1.2
RE DISCCART	-17.0	240.0	1.2
RE DISCCART	-15.0	240.0	1.2
RE DISCCART	-13.0	240.0	1.2
RE DISCCART	-11.0	240.0	1.2
RE DISCCART	-9.0	240.0	1.2
RE DISCCART	9.0	240.0	1.2
RE DISCCART	11.0	240.0	1.2
RE DISCCART	13.0	240.0	1.2
RE DISCCART	15.0	240.0	1.2
RE DISCCART	17.0	240.0	1.2
RE DISCCART	20.0	240.0	1.2
RE DISCCART	25.0	240.0	1.2
RE DISCCART	30.0	240.0	1.2
RE DISCCART	40.0	240.0	1.2
RE DISCCART	50.0	240.0	1.2

RE DISCCART 60.0 240.0 1.2
RE DISCCART 70.0 240.0 1.2
RE DISCCART 80.0 240.0 1.2
RE DISCCART 90.0 240.0 1.2
RE DISCCART 100.0 240.0 1.2
RE DISCCART -100.0 250.0 1.2
RE DISCCART -90.0 250.0 1.2
RE DISCCART -80.0 250.0 1.2
RE DISCCART -70.0 250.0 1.2
RE DISCCART -60.0 250.0 1.2
RE DISCCART -50.0 250.0 1.2
RE DISCCART -40.0 250.0 1.2
RE DISCCART -30.0 250.0 1.2
RE DISCCART -25.0 250.0 1.2
RE DISCCART -20.0 250.0 1.2
RE DISCCART -17.0 250.0 1.2
RE DISCCART -15.0 250.0 1.2
RE DISCCART -13.0 250.0 1.2
RE DISCCART -11.0 250.0 1.2
RE DISCCART -9.0 250.0 1.2
RE DISCCART 9.0 250.0 1.2
RE DISCCART 11.0 250.0 1.2
RE DISCCART 13.0 250.0 1.2
RE DISCCART 15.0 250.0 1.2
RE DISCCART 17.0 250.0 1.2
RE DISCCART 20.0 250.0 1.2
RE DISCCART 25.0 250.0 1.2
RE DISCCART 30.0 250.0 1.2
RE DISCCART 40.0 250.0 1.2
RE DISCCART 50.0 250.0 1.2
RE DISCCART 60.0 250.0 1.2
RE DISCCART 70.0 250.0 1.2
RE DISCCART 80.0 250.0 1.2
RE DISCCART 90.0 250.0 1.2
RE DISCCART 100.0 250.0 1.2
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP97300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 1997

ME UAIRDATA 4901 1997

ME STARTEND 1997 01 01 1 1997 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

 *** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

 **Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
 m for Missing Hours
 b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =
 0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\03NCRA-1.DAT

**Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\03NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
PAGE 2

CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

Table with 11 columns: EMISSION RATE SOURCE SCALAR VARY BY, NUMBER PART. CATS., EMISSION RATE (GRAMS/SEC /METER**2), COORD (SW CORNER) X Y (METERS), BASE ELEV. (METERS), RELEASE HEIGHT (METERS), X-DIM OF AREA (METERS), Y-DIM OF AREA (METERS), ORIENT. OF AREA (DEG.), INIT. SZ (METERS). Rows include NCRA_S1 through NCRA_S5.

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
PAGE 3

CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

- NCRA_S1 NCRA_S1 ,
NCRA_S2 NCRA_S2 ,
NCRA_S3 NCRA_S3 ,
NCRA_S4 NCRA_S4 ,
NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

- (-100.0, -250.0, 0.0, 1.2); (-90.0, -250.0, 0.0, 1.2);
(-80.0, -250.0, 0.0, 1.2); (-70.0, -250.0, 0.0, 1.2);
(-60.0, -250.0, 0.0, 1.2); (-50.0, -250.0, 0.0, 1.2);

03NCRA_NAPA97-300_DPM_TRAV_ANN N-S Bound

(-40.0, -250.0, 0.0, 1.2);	(-30.0, -250.0, 0.0, 1.2);
(-25.0, -250.0, 0.0, 1.2);	(-20.0, -250.0, 0.0, 1.2);
(-17.0, -250.0, 0.0, 1.2);	(-15.0, -250.0, 0.0, 1.2);
(-13.0, -250.0, 0.0, 1.2);	(-11.0, -250.0, 0.0, 1.2);
(-9.0, -250.0, 0.0, 1.2);	(9.0, -250.0, 0.0, 1.2);
(11.0, -250.0, 0.0, 1.2);	(13.0, -250.0, 0.0, 1.2);
(15.0, -250.0, 0.0, 1.2);	(17.0, -250.0, 0.0, 1.2);
(20.0, -250.0, 0.0, 1.2);	(25.0, -250.0, 0.0, 1.2);
(30.0, -250.0, 0.0, 1.2);	(40.0, -250.0, 0.0, 1.2);
(50.0, -250.0, 0.0, 1.2);	(60.0, -250.0, 0.0, 1.2);
(70.0, -250.0, 0.0, 1.2);	(80.0, -250.0, 0.0, 1.2);
(90.0, -250.0, 0.0, 1.2);	(100.0, -250.0, 0.0, 1.2);
(-100.0, -240.0, 0.0, 1.2);	(-90.0, -240.0, 0.0, 1.2);
(-80.0, -240.0, 0.0, 1.2);	(-70.0, -240.0, 0.0, 1.2);
(-60.0, -240.0, 0.0, 1.2);	(-50.0, -240.0, 0.0, 1.2);
(-40.0, -240.0, 0.0, 1.2);	(-30.0, -240.0, 0.0, 1.2);
(-25.0, -240.0, 0.0, 1.2);	(-20.0, -240.0, 0.0, 1.2);
(-17.0, -240.0, 0.0, 1.2);	(-15.0, -240.0, 0.0, 1.2);
(-13.0, -240.0, 0.0, 1.2);	(-11.0, -240.0, 0.0, 1.2);
(-9.0, -240.0, 0.0, 1.2);	(9.0, -240.0, 0.0, 1.2);
(11.0, -240.0, 0.0, 1.2);	(13.0, -240.0, 0.0, 1.2);
(15.0, -240.0, 0.0, 1.2);	(17.0, -240.0, 0.0, 1.2);
(20.0, -240.0, 0.0, 1.2);	(25.0, -240.0, 0.0, 1.2);
(30.0, -240.0, 0.0, 1.2);	(40.0, -240.0, 0.0, 1.2);
(50.0, -240.0, 0.0, 1.2);	(60.0, -240.0, 0.0, 1.2);
(70.0, -240.0, 0.0, 1.2);	(80.0, -240.0, 0.0, 1.2);
(90.0, -240.0, 0.0, 1.2);	(100.0, -240.0, 0.0, 1.2);
(-100.0, -230.0, 0.0, 1.2);	(-90.0, -230.0, 0.0, 1.2);
(-80.0, -230.0, 0.0, 1.2);	(-70.0, -230.0, 0.0, 1.2);
(-60.0, -230.0, 0.0, 1.2);	(-50.0, -230.0, 0.0, 1.2);
(-40.0, -230.0, 0.0, 1.2);	(-30.0, -230.0, 0.0, 1.2);
(-25.0, -230.0, 0.0, 1.2);	(-20.0, -230.0, 0.0, 1.2);
(-17.0, -230.0, 0.0, 1.2);	(-15.0, -230.0, 0.0, 1.2);
(-13.0, -230.0, 0.0, 1.2);	(-11.0, -230.0, 0.0, 1.2);
(-9.0, -230.0, 0.0, 1.2);	(9.0, -230.0, 0.0, 1.2);
(11.0, -230.0, 0.0, 1.2);	(13.0, -230.0, 0.0, 1.2);
(15.0, -230.0, 0.0, 1.2);	(17.0, -230.0, 0.0, 1.2);
(20.0, -230.0, 0.0, 1.2);	(25.0, -230.0, 0.0, 1.2);
(30.0, -230.0, 0.0, 1.2);	(40.0, -230.0, 0.0, 1.2);
(50.0, -230.0, 0.0, 1.2);	(60.0, -230.0, 0.0, 1.2);
(70.0, -230.0, 0.0, 1.2);	(80.0, -230.0, 0.0, 1.2);
(90.0, -230.0, 0.0, 1.2);	(100.0, -230.0, 0.0, 1.2);

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -220.0, 0.0, 1.2);	(-90.0, -220.0, 0.0, 1.2);
(-80.0, -220.0, 0.0, 1.2);	(-70.0, -220.0, 0.0, 1.2);
(-60.0, -220.0, 0.0, 1.2);	(-50.0, -220.0, 0.0, 1.2);
(-40.0, -220.0, 0.0, 1.2);	(-30.0, -220.0, 0.0, 1.2);
(-25.0, -220.0, 0.0, 1.2);	(-20.0, -220.0, 0.0, 1.2);
(-17.0, -220.0, 0.0, 1.2);	(-15.0, -220.0, 0.0, 1.2);
(-13.0, -220.0, 0.0, 1.2);	(-11.0, -220.0, 0.0, 1.2);
(-9.0, -220.0, 0.0, 1.2);	(9.0, -220.0, 0.0, 1.2);
(11.0, -220.0, 0.0, 1.2);	(13.0, -220.0, 0.0, 1.2);
(15.0, -220.0, 0.0, 1.2);	(17.0, -220.0, 0.0, 1.2);
(20.0, -220.0, 0.0, 1.2);	(25.0, -220.0, 0.0, 1.2);
(30.0, -220.0, 0.0, 1.2);	(40.0, -220.0, 0.0, 1.2);
(50.0, -220.0, 0.0, 1.2);	(60.0, -220.0, 0.0, 1.2);
(70.0, -220.0, 0.0, 1.2);	(80.0, -220.0, 0.0, 1.2);
(90.0, -220.0, 0.0, 1.2);	(100.0, -220.0, 0.0, 1.2);
(-100.0, -210.0, 0.0, 1.2);	(-90.0, -210.0, 0.0, 1.2);
(-80.0, -210.0, 0.0, 1.2);	(-70.0, -210.0, 0.0, 1.2);
(-60.0, -210.0, 0.0, 1.2);	(-50.0, -210.0, 0.0, 1.2);
(-40.0, -210.0, 0.0, 1.2);	(-30.0, -210.0, 0.0, 1.2);
(-25.0, -210.0, 0.0, 1.2);	(-20.0, -210.0, 0.0, 1.2);
(-17.0, -210.0, 0.0, 1.2);	(-15.0, -210.0, 0.0, 1.2);
(-13.0, -210.0, 0.0, 1.2);	(-11.0, -210.0, 0.0, 1.2);
(-9.0, -210.0, 0.0, 1.2);	(9.0, -210.0, 0.0, 1.2);
(11.0, -210.0, 0.0, 1.2);	(13.0, -210.0, 0.0, 1.2);
(15.0, -210.0, 0.0, 1.2);	(17.0, -210.0, 0.0, 1.2);
(20.0, -210.0, 0.0, 1.2);	(25.0, -210.0, 0.0, 1.2);
(30.0, -210.0, 0.0, 1.2);	(40.0, -210.0, 0.0, 1.2);
(50.0, -210.0, 0.0, 1.2);	(60.0, -210.0, 0.0, 1.2);
(70.0, -210.0, 0.0, 1.2);	(80.0, -210.0, 0.0, 1.2);
(90.0, -210.0, 0.0, 1.2);	(100.0, -210.0, 0.0, 1.2);
(-100.0, -200.0, 0.0, 1.2);	(-90.0, -200.0, 0.0, 1.2);
(-80.0, -200.0, 0.0, 1.2);	(-70.0, -200.0, 0.0, 1.2);
(-60.0, -200.0, 0.0, 1.2);	(-50.0, -200.0, 0.0, 1.2);
(-40.0, -200.0, 0.0, 1.2);	(-30.0, -200.0, 0.0, 1.2);
(-25.0, -200.0, 0.0, 1.2);	(-20.0, -200.0, 0.0, 1.2);
(-17.0, -200.0, 0.0, 1.2);	(-15.0, -200.0, 0.0, 1.2);
(-13.0, -200.0, 0.0, 1.2);	(-11.0, -200.0, 0.0, 1.2);
(-9.0, -200.0, 0.0, 1.2);	(9.0, -200.0, 0.0, 1.2);
(11.0, -200.0, 0.0, 1.2);	(13.0, -200.0, 0.0, 1.2);

03NCRA_NAPA97-300_DPM_TRAV_ANN N-S Bound

(15.0,	-200.0,	0.0,	1.2);	(17.0,	-200.0,	0.0,	1.2);
(20.0,	-200.0,	0.0,	1.2);	(25.0,	-200.0,	0.0,	1.2);
(30.0,	-200.0,	0.0,	1.2);	(40.0,	-200.0,	0.0,	1.2);
(50.0,	-200.0,	0.0,	1.2);	(60.0,	-200.0,	0.0,	1.2);
(70.0,	-200.0,	0.0,	1.2);	(80.0,	-200.0,	0.0,	1.2);
(90.0,	-200.0,	0.0,	1.2);	(100.0,	-200.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

PAGE 6

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	-190.0,	0.0,	1.2);	(-90.0,	-190.0,	0.0,	1.2);
(-80.0,	-190.0,	0.0,	1.2);	(-70.0,	-190.0,	0.0,	1.2);
(-60.0,	-190.0,	0.0,	1.2);	(-50.0,	-190.0,	0.0,	1.2);
(-40.0,	-190.0,	0.0,	1.2);	(-30.0,	-190.0,	0.0,	1.2);
(-25.0,	-190.0,	0.0,	1.2);	(-20.0,	-190.0,	0.0,	1.2);
(-17.0,	-190.0,	0.0,	1.2);	(-15.0,	-190.0,	0.0,	1.2);
(-13.0,	-190.0,	0.0,	1.2);	(-11.0,	-190.0,	0.0,	1.2);
(-9.0,	-190.0,	0.0,	1.2);	(9.0,	-190.0,	0.0,	1.2);
(11.0,	-190.0,	0.0,	1.2);	(13.0,	-190.0,	0.0,	1.2);
(15.0,	-190.0,	0.0,	1.2);	(17.0,	-190.0,	0.0,	1.2);
(20.0,	-190.0,	0.0,	1.2);	(25.0,	-190.0,	0.0,	1.2);
(30.0,	-190.0,	0.0,	1.2);	(40.0,	-190.0,	0.0,	1.2);
(50.0,	-190.0,	0.0,	1.2);	(60.0,	-190.0,	0.0,	1.2);
(70.0,	-190.0,	0.0,	1.2);	(80.0,	-190.0,	0.0,	1.2);
(90.0,	-190.0,	0.0,	1.2);	(100.0,	-190.0,	0.0,	1.2);
(-100.0,	-180.0,	0.0,	1.2);	(-90.0,	-180.0,	0.0,	1.2);
(-80.0,	-180.0,	0.0,	1.2);	(-70.0,	-180.0,	0.0,	1.2);
(-60.0,	-180.0,	0.0,	1.2);	(-50.0,	-180.0,	0.0,	1.2);
(-40.0,	-180.0,	0.0,	1.2);	(-30.0,	-180.0,	0.0,	1.2);
(-25.0,	-180.0,	0.0,	1.2);	(-20.0,	-180.0,	0.0,	1.2);
(-17.0,	-180.0,	0.0,	1.2);	(-15.0,	-180.0,	0.0,	1.2);
(-13.0,	-180.0,	0.0,	1.2);	(-11.0,	-180.0,	0.0,	1.2);
(-9.0,	-180.0,	0.0,	1.2);	(9.0,	-180.0,	0.0,	1.2);
(11.0,	-180.0,	0.0,	1.2);	(13.0,	-180.0,	0.0,	1.2);
(15.0,	-180.0,	0.0,	1.2);	(17.0,	-180.0,	0.0,	1.2);
(20.0,	-180.0,	0.0,	1.2);	(25.0,	-180.0,	0.0,	1.2);
(30.0,	-180.0,	0.0,	1.2);	(40.0,	-180.0,	0.0,	1.2);
(50.0,	-180.0,	0.0,	1.2);	(60.0,	-180.0,	0.0,	1.2);
(70.0,	-180.0,	0.0,	1.2);	(80.0,	-180.0,	0.0,	1.2);
(90.0,	-180.0,	0.0,	1.2);	(100.0,	-180.0,	0.0,	1.2);
(-100.0,	-170.0,	0.0,	1.2);	(-90.0,	-170.0,	0.0,	1.2);

03NCRA_NAPA97-300_DPM_TRAV_ANN N-S Bound

(-80.0,	-170.0,	0.0,	1.2);	(-70.0,	-170.0,	0.0,	1.2);
(-60.0,	-170.0,	0.0,	1.2);	(-50.0,	-170.0,	0.0,	1.2);
(-40.0,	-170.0,	0.0,	1.2);	(-30.0,	-170.0,	0.0,	1.2);
(-25.0,	-170.0,	0.0,	1.2);	(-20.0,	-170.0,	0.0,	1.2);
(-17.0,	-170.0,	0.0,	1.2);	(-15.0,	-170.0,	0.0,	1.2);
(-13.0,	-170.0,	0.0,	1.2);	(-11.0,	-170.0,	0.0,	1.2);
(-9.0,	-170.0,	0.0,	1.2);	(9.0,	-170.0,	0.0,	1.2);
(11.0,	-170.0,	0.0,	1.2);	(13.0,	-170.0,	0.0,	1.2);
(15.0,	-170.0,	0.0,	1.2);	(17.0,	-170.0,	0.0,	1.2);
(20.0,	-170.0,	0.0,	1.2);	(25.0,	-170.0,	0.0,	1.2);
(30.0,	-170.0,	0.0,	1.2);	(40.0,	-170.0,	0.0,	1.2);
(50.0,	-170.0,	0.0,	1.2);	(60.0,	-170.0,	0.0,	1.2);
(70.0,	-170.0,	0.0,	1.2);	(80.0,	-170.0,	0.0,	1.2);
(90.0,	-170.0,	0.0,	1.2);	(100.0,	-170.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 7
 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	-160.0,	0.0,	1.2);	(-90.0,	-160.0,	0.0,	1.2);
(-80.0,	-160.0,	0.0,	1.2);	(-70.0,	-160.0,	0.0,	1.2);
(-60.0,	-160.0,	0.0,	1.2);	(-50.0,	-160.0,	0.0,	1.2);
(-40.0,	-160.0,	0.0,	1.2);	(-30.0,	-160.0,	0.0,	1.2);
(-25.0,	-160.0,	0.0,	1.2);	(-20.0,	-160.0,	0.0,	1.2);
(-17.0,	-160.0,	0.0,	1.2);	(-15.0,	-160.0,	0.0,	1.2);
(-13.0,	-160.0,	0.0,	1.2);	(-11.0,	-160.0,	0.0,	1.2);
(-9.0,	-160.0,	0.0,	1.2);	(9.0,	-160.0,	0.0,	1.2);
(11.0,	-160.0,	0.0,	1.2);	(13.0,	-160.0,	0.0,	1.2);
(15.0,	-160.0,	0.0,	1.2);	(17.0,	-160.0,	0.0,	1.2);
(20.0,	-160.0,	0.0,	1.2);	(25.0,	-160.0,	0.0,	1.2);
(30.0,	-160.0,	0.0,	1.2);	(40.0,	-160.0,	0.0,	1.2);
(50.0,	-160.0,	0.0,	1.2);	(60.0,	-160.0,	0.0,	1.2);
(70.0,	-160.0,	0.0,	1.2);	(80.0,	-160.0,	0.0,	1.2);
(90.0,	-160.0,	0.0,	1.2);	(100.0,	-160.0,	0.0,	1.2);
(-100.0,	-150.0,	0.0,	1.2);	(-90.0,	-150.0,	0.0,	1.2);
(-80.0,	-150.0,	0.0,	1.2);	(-70.0,	-150.0,	0.0,	1.2);
(-60.0,	-150.0,	0.0,	1.2);	(-50.0,	-150.0,	0.0,	1.2);
(-40.0,	-150.0,	0.0,	1.2);	(-30.0,	-150.0,	0.0,	1.2);
(-25.0,	-150.0,	0.0,	1.2);	(-20.0,	-150.0,	0.0,	1.2);
(-17.0,	-150.0,	0.0,	1.2);	(-15.0,	-150.0,	0.0,	1.2);
(-13.0,	-150.0,	0.0,	1.2);	(-11.0,	-150.0,	0.0,	1.2);
(-9.0,	-150.0,	0.0,	1.2);	(9.0,	-150.0,	0.0,	1.2);

03NCRA_NAPA97-300_DPM_TRAV_ANN N-S Bound

(11.0, -150.0, 0.0, 1.2);	(13.0, -150.0, 0.0, 1.2);
(15.0, -150.0, 0.0, 1.2);	(17.0, -150.0, 0.0, 1.2);
(20.0, -150.0, 0.0, 1.2);	(25.0, -150.0, 0.0, 1.2);
(30.0, -150.0, 0.0, 1.2);	(40.0, -150.0, 0.0, 1.2);
(50.0, -150.0, 0.0, 1.2);	(60.0, -150.0, 0.0, 1.2);
(70.0, -150.0, 0.0, 1.2);	(80.0, -150.0, 0.0, 1.2);
(90.0, -150.0, 0.0, 1.2);	(100.0, -150.0, 0.0, 1.2);
(-100.0, -140.0, 0.0, 1.2);	(-90.0, -140.0, 0.0, 1.2);
(-80.0, -140.0, 0.0, 1.2);	(-70.0, -140.0, 0.0, 1.2);
(-60.0, -140.0, 0.0, 1.2);	(-50.0, -140.0, 0.0, 1.2);
(-40.0, -140.0, 0.0, 1.2);	(-30.0, -140.0, 0.0, 1.2);
(-25.0, -140.0, 0.0, 1.2);	(-20.0, -140.0, 0.0, 1.2);
(-17.0, -140.0, 0.0, 1.2);	(-15.0, -140.0, 0.0, 1.2);
(-13.0, -140.0, 0.0, 1.2);	(-11.0, -140.0, 0.0, 1.2);
(-9.0, -140.0, 0.0, 1.2);	(9.0, -140.0, 0.0, 1.2);
(11.0, -140.0, 0.0, 1.2);	(13.0, -140.0, 0.0, 1.2);
(15.0, -140.0, 0.0, 1.2);	(17.0, -140.0, 0.0, 1.2);
(20.0, -140.0, 0.0, 1.2);	(25.0, -140.0, 0.0, 1.2);
(30.0, -140.0, 0.0, 1.2);	(40.0, -140.0, 0.0, 1.2);
(50.0, -140.0, 0.0, 1.2);	(60.0, -140.0, 0.0, 1.2);
(70.0, -140.0, 0.0, 1.2);	(80.0, -140.0, 0.0, 1.2);
(90.0, -140.0, 0.0, 1.2);	(100.0, -140.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:37:33

**MODELOPTs:
PAGE 8

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -130.0, 0.0, 1.2);	(-90.0, -130.0, 0.0, 1.2);
(-80.0, -130.0, 0.0, 1.2);	(-70.0, -130.0, 0.0, 1.2);
(-60.0, -130.0, 0.0, 1.2);	(-50.0, -130.0, 0.0, 1.2);
(-40.0, -130.0, 0.0, 1.2);	(-30.0, -130.0, 0.0, 1.2);
(-25.0, -130.0, 0.0, 1.2);	(-20.0, -130.0, 0.0, 1.2);
(-17.0, -130.0, 0.0, 1.2);	(-15.0, -130.0, 0.0, 1.2);
(-13.0, -130.0, 0.0, 1.2);	(-11.0, -130.0, 0.0, 1.2);
(-9.0, -130.0, 0.0, 1.2);	(9.0, -130.0, 0.0, 1.2);
(11.0, -130.0, 0.0, 1.2);	(13.0, -130.0, 0.0, 1.2);
(15.0, -130.0, 0.0, 1.2);	(17.0, -130.0, 0.0, 1.2);
(20.0, -130.0, 0.0, 1.2);	(25.0, -130.0, 0.0, 1.2);
(30.0, -130.0, 0.0, 1.2);	(40.0, -130.0, 0.0, 1.2);
(50.0, -130.0, 0.0, 1.2);	(60.0, -130.0, 0.0, 1.2);
(70.0, -130.0, 0.0, 1.2);	(80.0, -130.0, 0.0, 1.2);
(90.0, -130.0, 0.0, 1.2);	(100.0, -130.0, 0.0, 1.2);

03NCRA_NAPA97-300_DPM_TRAV_ANN N-S Bound

(-100.0,	-120.0,	0.0,	1.2);	(-90.0,	-120.0,	0.0,	1.2);
(-80.0,	-120.0,	0.0,	1.2);	(-70.0,	-120.0,	0.0,	1.2);
(-60.0,	-120.0,	0.0,	1.2);	(-50.0,	-120.0,	0.0,	1.2);
(-40.0,	-120.0,	0.0,	1.2);	(-30.0,	-120.0,	0.0,	1.2);
(-25.0,	-120.0,	0.0,	1.2);	(-20.0,	-120.0,	0.0,	1.2);
(-17.0,	-120.0,	0.0,	1.2);	(-15.0,	-120.0,	0.0,	1.2);
(-13.0,	-120.0,	0.0,	1.2);	(-11.0,	-120.0,	0.0,	1.2);
(-9.0,	-120.0,	0.0,	1.2);	(9.0,	-120.0,	0.0,	1.2);
(11.0,	-120.0,	0.0,	1.2);	(13.0,	-120.0,	0.0,	1.2);
(15.0,	-120.0,	0.0,	1.2);	(17.0,	-120.0,	0.0,	1.2);
(20.0,	-120.0,	0.0,	1.2);	(25.0,	-120.0,	0.0,	1.2);
(30.0,	-120.0,	0.0,	1.2);	(40.0,	-120.0,	0.0,	1.2);
(50.0,	-120.0,	0.0,	1.2);	(60.0,	-120.0,	0.0,	1.2);
(70.0,	-120.0,	0.0,	1.2);	(80.0,	-120.0,	0.0,	1.2);
(90.0,	-120.0,	0.0,	1.2);	(100.0,	-120.0,	0.0,	1.2);
(-100.0,	-110.0,	0.0,	1.2);	(-90.0,	-110.0,	0.0,	1.2);
(-80.0,	-110.0,	0.0,	1.2);	(-70.0,	-110.0,	0.0,	1.2);
(-60.0,	-110.0,	0.0,	1.2);	(-50.0,	-110.0,	0.0,	1.2);
(-40.0,	-110.0,	0.0,	1.2);	(-30.0,	-110.0,	0.0,	1.2);
(-25.0,	-110.0,	0.0,	1.2);	(-20.0,	-110.0,	0.0,	1.2);
(-17.0,	-110.0,	0.0,	1.2);	(-15.0,	-110.0,	0.0,	1.2);
(-13.0,	-110.0,	0.0,	1.2);	(-11.0,	-110.0,	0.0,	1.2);
(-9.0,	-110.0,	0.0,	1.2);	(9.0,	-110.0,	0.0,	1.2);
(11.0,	-110.0,	0.0,	1.2);	(13.0,	-110.0,	0.0,	1.2);
(15.0,	-110.0,	0.0,	1.2);	(17.0,	-110.0,	0.0,	1.2);
(20.0,	-110.0,	0.0,	1.2);	(25.0,	-110.0,	0.0,	1.2);
(30.0,	-110.0,	0.0,	1.2);	(40.0,	-110.0,	0.0,	1.2);
(50.0,	-110.0,	0.0,	1.2);	(60.0,	-110.0,	0.0,	1.2);
(70.0,	-110.0,	0.0,	1.2);	(80.0,	-110.0,	0.0,	1.2);
(90.0,	-110.0,	0.0,	1.2);	(100.0,	-110.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 9

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	-100.0,	0.0,	1.2);	(-90.0,	-100.0,	0.0,	1.2);
(-80.0,	-100.0,	0.0,	1.2);	(-70.0,	-100.0,	0.0,	1.2);
(-60.0,	-100.0,	0.0,	1.2);	(-50.0,	-100.0,	0.0,	1.2);
(-40.0,	-100.0,	0.0,	1.2);	(-30.0,	-100.0,	0.0,	1.2);
(-25.0,	-100.0,	0.0,	1.2);	(-20.0,	-100.0,	0.0,	1.2);
(-17.0,	-100.0,	0.0,	1.2);	(-15.0,	-100.0,	0.0,	1.2);
(-13.0,	-100.0,	0.0,	1.2);	(-11.0,	-100.0,	0.0,	1.2);

03NCRA_NAPA97-300_DPM_TRAV_ANN N-S Bound

(-9.0, -100.0, 0.0, 1.2);	(-9.0, -100.0, 0.0, 1.2);
(11.0, -100.0, 0.0, 1.2);	(13.0, -100.0, 0.0, 1.2);
(15.0, -100.0, 0.0, 1.2);	(17.0, -100.0, 0.0, 1.2);
(20.0, -100.0, 0.0, 1.2);	(25.0, -100.0, 0.0, 1.2);
(30.0, -100.0, 0.0, 1.2);	(40.0, -100.0, 0.0, 1.2);
(50.0, -100.0, 0.0, 1.2);	(60.0, -100.0, 0.0, 1.2);
(70.0, -100.0, 0.0, 1.2);	(80.0, -100.0, 0.0, 1.2);
(90.0, -100.0, 0.0, 1.2);	(100.0, -100.0, 0.0, 1.2);
(-100.0, -90.0, 0.0, 1.2);	(-90.0, -90.0, 0.0, 1.2);
(-80.0, -90.0, 0.0, 1.2);	(-70.0, -90.0, 0.0, 1.2);
(-60.0, -90.0, 0.0, 1.2);	(-50.0, -90.0, 0.0, 1.2);
(-40.0, -90.0, 0.0, 1.2);	(-30.0, -90.0, 0.0, 1.2);
(-25.0, -90.0, 0.0, 1.2);	(-20.0, -90.0, 0.0, 1.2);
(-17.0, -90.0, 0.0, 1.2);	(-15.0, -90.0, 0.0, 1.2);
(-13.0, -90.0, 0.0, 1.2);	(-11.0, -90.0, 0.0, 1.2);
(-9.0, -90.0, 0.0, 1.2);	(9.0, -90.0, 0.0, 1.2);
(11.0, -90.0, 0.0, 1.2);	(13.0, -90.0, 0.0, 1.2);
(15.0, -90.0, 0.0, 1.2);	(17.0, -90.0, 0.0, 1.2);
(20.0, -90.0, 0.0, 1.2);	(25.0, -90.0, 0.0, 1.2);
(30.0, -90.0, 0.0, 1.2);	(40.0, -90.0, 0.0, 1.2);
(50.0, -90.0, 0.0, 1.2);	(60.0, -90.0, 0.0, 1.2);
(70.0, -90.0, 0.0, 1.2);	(80.0, -90.0, 0.0, 1.2);
(90.0, -90.0, 0.0, 1.2);	(100.0, -90.0, 0.0, 1.2);
(-100.0, -80.0, 0.0, 1.2);	(-90.0, -80.0, 0.0, 1.2);
(-80.0, -80.0, 0.0, 1.2);	(-70.0, -80.0, 0.0, 1.2);
(-60.0, -80.0, 0.0, 1.2);	(-50.0, -80.0, 0.0, 1.2);
(-40.0, -80.0, 0.0, 1.2);	(-30.0, -80.0, 0.0, 1.2);
(-25.0, -80.0, 0.0, 1.2);	(-20.0, -80.0, 0.0, 1.2);
(-17.0, -80.0, 0.0, 1.2);	(-15.0, -80.0, 0.0, 1.2);
(-13.0, -80.0, 0.0, 1.2);	(-11.0, -80.0, 0.0, 1.2);
(-9.0, -80.0, 0.0, 1.2);	(9.0, -80.0, 0.0, 1.2);
(11.0, -80.0, 0.0, 1.2);	(13.0, -80.0, 0.0, 1.2);
(15.0, -80.0, 0.0, 1.2);	(17.0, -80.0, 0.0, 1.2);
(20.0, -80.0, 0.0, 1.2);	(25.0, -80.0, 0.0, 1.2);
(30.0, -80.0, 0.0, 1.2);	(40.0, -80.0, 0.0, 1.2);
(50.0, -80.0, 0.0, 1.2);	(60.0, -80.0, 0.0, 1.2);
(70.0, -80.0, 0.0, 1.2);	(80.0, -80.0, 0.0, 1.2);
(90.0, -80.0, 0.0, 1.2);	(100.0, -80.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:37:33

**MODELOPTs:

PAGE 10

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound
(METERS)

(-100.0, -70.0, 0.0, 1.2);	(-90.0, -70.0, 0.0, 1.2);
(-80.0, -70.0, 0.0, 1.2);	(-70.0, -70.0, 0.0, 1.2);
(-60.0, -70.0, 0.0, 1.2);	(-50.0, -70.0, 0.0, 1.2);
(-40.0, -70.0, 0.0, 1.2);	(-30.0, -70.0, 0.0, 1.2);
(-25.0, -70.0, 0.0, 1.2);	(-20.0, -70.0, 0.0, 1.2);
(-17.0, -70.0, 0.0, 1.2);	(-15.0, -70.0, 0.0, 1.2);
(-13.0, -70.0, 0.0, 1.2);	(-11.0, -70.0, 0.0, 1.2);
(-9.0, -70.0, 0.0, 1.2);	(9.0, -70.0, 0.0, 1.2);
(11.0, -70.0, 0.0, 1.2);	(13.0, -70.0, 0.0, 1.2);
(15.0, -70.0, 0.0, 1.2);	(17.0, -70.0, 0.0, 1.2);
(20.0, -70.0, 0.0, 1.2);	(25.0, -70.0, 0.0, 1.2);
(30.0, -70.0, 0.0, 1.2);	(40.0, -70.0, 0.0, 1.2);
(50.0, -70.0, 0.0, 1.2);	(60.0, -70.0, 0.0, 1.2);
(70.0, -70.0, 0.0, 1.2);	(80.0, -70.0, 0.0, 1.2);
(90.0, -70.0, 0.0, 1.2);	(100.0, -70.0, 0.0, 1.2);
(-100.0, -60.0, 0.0, 1.2);	(-90.0, -60.0, 0.0, 1.2);
(-80.0, -60.0, 0.0, 1.2);	(-70.0, -60.0, 0.0, 1.2);
(-60.0, -60.0, 0.0, 1.2);	(-50.0, -60.0, 0.0, 1.2);
(-40.0, -60.0, 0.0, 1.2);	(-30.0, -60.0, 0.0, 1.2);
(-25.0, -60.0, 0.0, 1.2);	(-20.0, -60.0, 0.0, 1.2);
(-17.0, -60.0, 0.0, 1.2);	(-15.0, -60.0, 0.0, 1.2);
(-13.0, -60.0, 0.0, 1.2);	(-11.0, -60.0, 0.0, 1.2);
(-9.0, -60.0, 0.0, 1.2);	(9.0, -60.0, 0.0, 1.2);
(11.0, -60.0, 0.0, 1.2);	(13.0, -60.0, 0.0, 1.2);
(15.0, -60.0, 0.0, 1.2);	(17.0, -60.0, 0.0, 1.2);
(20.0, -60.0, 0.0, 1.2);	(25.0, -60.0, 0.0, 1.2);
(30.0, -60.0, 0.0, 1.2);	(40.0, -60.0, 0.0, 1.2);
(50.0, -60.0, 0.0, 1.2);	(60.0, -60.0, 0.0, 1.2);
(70.0, -60.0, 0.0, 1.2);	(80.0, -60.0, 0.0, 1.2);
(90.0, -60.0, 0.0, 1.2);	(100.0, -60.0, 0.0, 1.2);
(-100.0, -50.0, 0.0, 1.2);	(-90.0, -50.0, 0.0, 1.2);
(-80.0, -50.0, 0.0, 1.2);	(-70.0, -50.0, 0.0, 1.2);
(-60.0, -50.0, 0.0, 1.2);	(-50.0, -50.0, 0.0, 1.2);
(-40.0, -50.0, 0.0, 1.2);	(-30.0, -50.0, 0.0, 1.2);
(-25.0, -50.0, 0.0, 1.2);	(-20.0, -50.0, 0.0, 1.2);
(-17.0, -50.0, 0.0, 1.2);	(-15.0, -50.0, 0.0, 1.2);
(-13.0, -50.0, 0.0, 1.2);	(-11.0, -50.0, 0.0, 1.2);
(-9.0, -50.0, 0.0, 1.2);	(9.0, -50.0, 0.0, 1.2);
(11.0, -50.0, 0.0, 1.2);	(13.0, -50.0, 0.0, 1.2);
(15.0, -50.0, 0.0, 1.2);	(17.0, -50.0, 0.0, 1.2);
(20.0, -50.0, 0.0, 1.2);	(25.0, -50.0, 0.0, 1.2);
(30.0, -50.0, 0.0, 1.2);	(40.0, -50.0, 0.0, 1.2);
(50.0, -50.0, 0.0, 1.2);	(60.0, -50.0, 0.0, 1.2);

03NCRA_NAPA97-300_DPM_TRAV_ANN N-S Bound

(70.0, -50.0, 0.0, 1.2); (80.0, -50.0, 0.0, 1.2);
(90.0, -50.0, 0.0, 1.2); (100.0, -50.0, 0.0, 1.2);

1 *** ICSST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:37:33

**MODELOPTs:

PAGE 11

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -40.0, 0.0, 1.2); (-90.0, -40.0, 0.0, 1.2);
(-80.0, -40.0, 0.0, 1.2); (-70.0, -40.0, 0.0, 1.2);
(-60.0, -40.0, 0.0, 1.2); (-50.0, -40.0, 0.0, 1.2);
(-40.0, -40.0, 0.0, 1.2); (-30.0, -40.0, 0.0, 1.2);
(-25.0, -40.0, 0.0, 1.2); (-20.0, -40.0, 0.0, 1.2);
(-17.0, -40.0, 0.0, 1.2); (-15.0, -40.0, 0.0, 1.2);
(-13.0, -40.0, 0.0, 1.2); (-11.0, -40.0, 0.0, 1.2);
(-9.0, -40.0, 0.0, 1.2); (9.0, -40.0, 0.0, 1.2);
(11.0, -40.0, 0.0, 1.2); (13.0, -40.0, 0.0, 1.2);
(15.0, -40.0, 0.0, 1.2); (17.0, -40.0, 0.0, 1.2);
(20.0, -40.0, 0.0, 1.2); (25.0, -40.0, 0.0, 1.2);
(30.0, -40.0, 0.0, 1.2); (40.0, -40.0, 0.0, 1.2);
(50.0, -40.0, 0.0, 1.2); (60.0, -40.0, 0.0, 1.2);
(70.0, -40.0, 0.0, 1.2); (80.0, -40.0, 0.0, 1.2);
(90.0, -40.0, 0.0, 1.2); (100.0, -40.0, 0.0, 1.2);
(-100.0, -30.0, 0.0, 1.2); (-90.0, -30.0, 0.0, 1.2);
(-80.0, -30.0, 0.0, 1.2); (-70.0, -30.0, 0.0, 1.2);
(-60.0, -30.0, 0.0, 1.2); (-50.0, -30.0, 0.0, 1.2);
(-40.0, -30.0, 0.0, 1.2); (-30.0, -30.0, 0.0, 1.2);
(-25.0, -30.0, 0.0, 1.2); (-20.0, -30.0, 0.0, 1.2);
(-17.0, -30.0, 0.0, 1.2); (-15.0, -30.0, 0.0, 1.2);
(-13.0, -30.0, 0.0, 1.2); (-11.0, -30.0, 0.0, 1.2);
(-9.0, -30.0, 0.0, 1.2); (9.0, -30.0, 0.0, 1.2);
(11.0, -30.0, 0.0, 1.2); (13.0, -30.0, 0.0, 1.2);
(15.0, -30.0, 0.0, 1.2); (17.0, -30.0, 0.0, 1.2);
(20.0, -30.0, 0.0, 1.2); (25.0, -30.0, 0.0, 1.2);
(30.0, -30.0, 0.0, 1.2); (40.0, -30.0, 0.0, 1.2);
(50.0, -30.0, 0.0, 1.2); (60.0, -30.0, 0.0, 1.2);
(70.0, -30.0, 0.0, 1.2); (80.0, -30.0, 0.0, 1.2);
(90.0, -30.0, 0.0, 1.2); (100.0, -30.0, 0.0, 1.2);
(-100.0, -20.0, 0.0, 1.2); (-90.0, -20.0, 0.0, 1.2);
(-80.0, -20.0, 0.0, 1.2); (-70.0, -20.0, 0.0, 1.2);
(-60.0, -20.0, 0.0, 1.2); (-50.0, -20.0, 0.0, 1.2);
(-40.0, -20.0, 0.0, 1.2); (-30.0, -20.0, 0.0, 1.2);
(-25.0, -20.0, 0.0, 1.2); (-20.0, -20.0, 0.0, 1.2);

03NCRA_NAPA97-300_DPM_TRAV_ANN N-S Bound

(-17.0,	-20.0,	0.0,	1.2);	(-15.0,	-20.0,	0.0,	1.2);
(-13.0,	-20.0,	0.0,	1.2);	(-11.0,	-20.0,	0.0,	1.2);
(-9.0,	-20.0,	0.0,	1.2);	(9.0,	-20.0,	0.0,	1.2);
(11.0,	-20.0,	0.0,	1.2);	(13.0,	-20.0,	0.0,	1.2);
(15.0,	-20.0,	0.0,	1.2);	(17.0,	-20.0,	0.0,	1.2);
(20.0,	-20.0,	0.0,	1.2);	(25.0,	-20.0,	0.0,	1.2);
(30.0,	-20.0,	0.0,	1.2);	(40.0,	-20.0,	0.0,	1.2);
(50.0,	-20.0,	0.0,	1.2);	(60.0,	-20.0,	0.0,	1.2);
(70.0,	-20.0,	0.0,	1.2);	(80.0,	-20.0,	0.0,	1.2);
(90.0,	-20.0,	0.0,	1.2);	(100.0,	-20.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	-10.0,	0.0,	1.2);	(-90.0,	-10.0,	0.0,	1.2);
(-80.0,	-10.0,	0.0,	1.2);	(-70.0,	-10.0,	0.0,	1.2);
(-60.0,	-10.0,	0.0,	1.2);	(-50.0,	-10.0,	0.0,	1.2);
(-40.0,	-10.0,	0.0,	1.2);	(-30.0,	-10.0,	0.0,	1.2);
(-25.0,	-10.0,	0.0,	1.2);	(-20.0,	-10.0,	0.0,	1.2);
(-17.0,	-10.0,	0.0,	1.2);	(-15.0,	-10.0,	0.0,	1.2);
(-13.0,	-10.0,	0.0,	1.2);	(-11.0,	-10.0,	0.0,	1.2);
(-9.0,	-10.0,	0.0,	1.2);	(9.0,	-10.0,	0.0,	1.2);
(11.0,	-10.0,	0.0,	1.2);	(13.0,	-10.0,	0.0,	1.2);
(15.0,	-10.0,	0.0,	1.2);	(17.0,	-10.0,	0.0,	1.2);
(20.0,	-10.0,	0.0,	1.2);	(25.0,	-10.0,	0.0,	1.2);
(30.0,	-10.0,	0.0,	1.2);	(40.0,	-10.0,	0.0,	1.2);
(50.0,	-10.0,	0.0,	1.2);	(60.0,	-10.0,	0.0,	1.2);
(70.0,	-10.0,	0.0,	1.2);	(80.0,	-10.0,	0.0,	1.2);
(90.0,	-10.0,	0.0,	1.2);	(100.0,	-10.0,	0.0,	1.2);
(-100.0,	0.0,	0.0,	1.2);	(-90.0,	0.0,	0.0,	1.2);
(-80.0,	0.0,	0.0,	1.2);	(-70.0,	0.0,	0.0,	1.2);
(-60.0,	0.0,	0.0,	1.2);	(-50.0,	0.0,	0.0,	1.2);
(-40.0,	0.0,	0.0,	1.2);	(-30.0,	0.0,	0.0,	1.2);
(-25.0,	0.0,	0.0,	1.2);	(-20.0,	0.0,	0.0,	1.2);
(-17.0,	0.0,	0.0,	1.2);	(-15.0,	0.0,	0.0,	1.2);
(-13.0,	0.0,	0.0,	1.2);	(-11.0,	0.0,	0.0,	1.2);
(-9.0,	0.0,	0.0,	1.2);	(9.0,	0.0,	0.0,	1.2);
(11.0,	0.0,	0.0,	1.2);	(13.0,	0.0,	0.0,	1.2);
(15.0,	0.0,	0.0,	1.2);	(17.0,	0.0,	0.0,	1.2);
(20.0,	0.0,	0.0,	1.2);	(25.0,	0.0,	0.0,	1.2);
(30.0,	0.0,	0.0,	1.2);	(40.0,	0.0,	0.0,	1.2);

03NCRA_NAPA97-300_DPM_TRAV_ANN N-S Bound

(50.0,	0.0,	0.0,	1.2);	(60.0,	0.0,	0.0,	1.2);
(70.0,	0.0,	0.0,	1.2);	(80.0,	0.0,	0.0,	1.2);
(90.0,	0.0,	0.0,	1.2);	(100.0,	0.0,	0.0,	1.2);
(-100.0,	10.0,	0.0,	1.2);	(-90.0,	10.0,	0.0,	1.2);
(-80.0,	10.0,	0.0,	1.2);	(-70.0,	10.0,	0.0,	1.2);
(-60.0,	10.0,	0.0,	1.2);	(-50.0,	10.0,	0.0,	1.2);
(-40.0,	10.0,	0.0,	1.2);	(-30.0,	10.0,	0.0,	1.2);
(-25.0,	10.0,	0.0,	1.2);	(-20.0,	10.0,	0.0,	1.2);
(-17.0,	10.0,	0.0,	1.2);	(-15.0,	10.0,	0.0,	1.2);
(-13.0,	10.0,	0.0,	1.2);	(-11.0,	10.0,	0.0,	1.2);
(-9.0,	10.0,	0.0,	1.2);	(9.0,	10.0,	0.0,	1.2);
(11.0,	10.0,	0.0,	1.2);	(13.0,	10.0,	0.0,	1.2);
(15.0,	10.0,	0.0,	1.2);	(17.0,	10.0,	0.0,	1.2);
(20.0,	10.0,	0.0,	1.2);	(25.0,	10.0,	0.0,	1.2);
(30.0,	10.0,	0.0,	1.2);	(40.0,	10.0,	0.0,	1.2);
(50.0,	10.0,	0.0,	1.2);	(60.0,	10.0,	0.0,	1.2);
(70.0,	10.0,	0.0,	1.2);	(80.0,	10.0,	0.0,	1.2);
(90.0,	10.0,	0.0,	1.2);	(100.0,	10.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:37:33

**MODELOPTs:

PAGE 13

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	20.0,	0.0,	1.2);	(-90.0,	20.0,	0.0,	1.2);
(-80.0,	20.0,	0.0,	1.2);	(-70.0,	20.0,	0.0,	1.2);
(-60.0,	20.0,	0.0,	1.2);	(-50.0,	20.0,	0.0,	1.2);
(-40.0,	20.0,	0.0,	1.2);	(-30.0,	20.0,	0.0,	1.2);
(-25.0,	20.0,	0.0,	1.2);	(-20.0,	20.0,	0.0,	1.2);
(-17.0,	20.0,	0.0,	1.2);	(-15.0,	20.0,	0.0,	1.2);
(-13.0,	20.0,	0.0,	1.2);	(-11.0,	20.0,	0.0,	1.2);
(-9.0,	20.0,	0.0,	1.2);	(9.0,	20.0,	0.0,	1.2);
(11.0,	20.0,	0.0,	1.2);	(13.0,	20.0,	0.0,	1.2);
(15.0,	20.0,	0.0,	1.2);	(17.0,	20.0,	0.0,	1.2);
(20.0,	20.0,	0.0,	1.2);	(25.0,	20.0,	0.0,	1.2);
(30.0,	20.0,	0.0,	1.2);	(40.0,	20.0,	0.0,	1.2);
(50.0,	20.0,	0.0,	1.2);	(60.0,	20.0,	0.0,	1.2);
(70.0,	20.0,	0.0,	1.2);	(80.0,	20.0,	0.0,	1.2);
(90.0,	20.0,	0.0,	1.2);	(100.0,	20.0,	0.0,	1.2);
(-100.0,	30.0,	0.0,	1.2);	(-90.0,	30.0,	0.0,	1.2);
(-80.0,	30.0,	0.0,	1.2);	(-70.0,	30.0,	0.0,	1.2);
(-60.0,	30.0,	0.0,	1.2);	(-50.0,	30.0,	0.0,	1.2);
(-40.0,	30.0,	0.0,	1.2);	(-30.0,	30.0,	0.0,	1.2);

03NCRA_NAPA97-300_DPM_TRAV_ANN N-S Bound

(-25.0,	30.0,	0.0,	1.2);	(-20.0,	30.0,	0.0,	1.2);
(-17.0,	30.0,	0.0,	1.2);	(-15.0,	30.0,	0.0,	1.2);
(-13.0,	30.0,	0.0,	1.2);	(-11.0,	30.0,	0.0,	1.2);
(-9.0,	30.0,	0.0,	1.2);	(9.0,	30.0,	0.0,	1.2);
(11.0,	30.0,	0.0,	1.2);	(13.0,	30.0,	0.0,	1.2);
(15.0,	30.0,	0.0,	1.2);	(17.0,	30.0,	0.0,	1.2);
(20.0,	30.0,	0.0,	1.2);	(25.0,	30.0,	0.0,	1.2);
(30.0,	30.0,	0.0,	1.2);	(40.0,	30.0,	0.0,	1.2);
(50.0,	30.0,	0.0,	1.2);	(60.0,	30.0,	0.0,	1.2);
(70.0,	30.0,	0.0,	1.2);	(80.0,	30.0,	0.0,	1.2);
(90.0,	30.0,	0.0,	1.2);	(100.0,	30.0,	0.0,	1.2);
(-100.0,	40.0,	0.0,	1.2);	(-90.0,	40.0,	0.0,	1.2);
(-80.0,	40.0,	0.0,	1.2);	(-70.0,	40.0,	0.0,	1.2);
(-60.0,	40.0,	0.0,	1.2);	(-50.0,	40.0,	0.0,	1.2);
(-40.0,	40.0,	0.0,	1.2);	(-30.0,	40.0,	0.0,	1.2);
(-25.0,	40.0,	0.0,	1.2);	(-20.0,	40.0,	0.0,	1.2);
(-17.0,	40.0,	0.0,	1.2);	(-15.0,	40.0,	0.0,	1.2);
(-13.0,	40.0,	0.0,	1.2);	(-11.0,	40.0,	0.0,	1.2);
(-9.0,	40.0,	0.0,	1.2);	(9.0,	40.0,	0.0,	1.2);
(11.0,	40.0,	0.0,	1.2);	(13.0,	40.0,	0.0,	1.2);
(15.0,	40.0,	0.0,	1.2);	(17.0,	40.0,	0.0,	1.2);
(20.0,	40.0,	0.0,	1.2);	(25.0,	40.0,	0.0,	1.2);
(30.0,	40.0,	0.0,	1.2);	(40.0,	40.0,	0.0,	1.2);
(50.0,	40.0,	0.0,	1.2);	(60.0,	40.0,	0.0,	1.2);
(70.0,	40.0,	0.0,	1.2);	(80.0,	40.0,	0.0,	1.2);
(90.0,	40.0,	0.0,	1.2);	(100.0,	40.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:37:33

**MODELOPTs:

PAGE 14

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	50.0,	0.0,	1.2);	(-90.0,	50.0,	0.0,	1.2);
(-80.0,	50.0,	0.0,	1.2);	(-70.0,	50.0,	0.0,	1.2);
(-60.0,	50.0,	0.0,	1.2);	(-50.0,	50.0,	0.0,	1.2);
(-40.0,	50.0,	0.0,	1.2);	(-30.0,	50.0,	0.0,	1.2);
(-25.0,	50.0,	0.0,	1.2);	(-20.0,	50.0,	0.0,	1.2);
(-17.0,	50.0,	0.0,	1.2);	(-15.0,	50.0,	0.0,	1.2);
(-13.0,	50.0,	0.0,	1.2);	(-11.0,	50.0,	0.0,	1.2);
(-9.0,	50.0,	0.0,	1.2);	(9.0,	50.0,	0.0,	1.2);
(11.0,	50.0,	0.0,	1.2);	(13.0,	50.0,	0.0,	1.2);
(15.0,	50.0,	0.0,	1.2);	(17.0,	50.0,	0.0,	1.2);
(20.0,	50.0,	0.0,	1.2);	(25.0,	50.0,	0.0,	1.2);

03NCRA_NAPA97-300_DPM_TRAV_ANN N-S Bound

(30.0,	50.0,	0.0,	1.2);	(40.0,	50.0,	0.0,	1.2);
(50.0,	50.0,	0.0,	1.2);	(60.0,	50.0,	0.0,	1.2);
(70.0,	50.0,	0.0,	1.2);	(80.0,	50.0,	0.0,	1.2);
(90.0,	50.0,	0.0,	1.2);	(100.0,	50.0,	0.0,	1.2);
(-100.0,	60.0,	0.0,	1.2);	(-90.0,	60.0,	0.0,	1.2);
(-80.0,	60.0,	0.0,	1.2);	(-70.0,	60.0,	0.0,	1.2);
(-60.0,	60.0,	0.0,	1.2);	(-50.0,	60.0,	0.0,	1.2);
(-40.0,	60.0,	0.0,	1.2);	(-30.0,	60.0,	0.0,	1.2);
(-25.0,	60.0,	0.0,	1.2);	(-20.0,	60.0,	0.0,	1.2);
(-17.0,	60.0,	0.0,	1.2);	(-15.0,	60.0,	0.0,	1.2);
(-13.0,	60.0,	0.0,	1.2);	(-11.0,	60.0,	0.0,	1.2);
(-9.0,	60.0,	0.0,	1.2);	(9.0,	60.0,	0.0,	1.2);
(11.0,	60.0,	0.0,	1.2);	(13.0,	60.0,	0.0,	1.2);
(15.0,	60.0,	0.0,	1.2);	(17.0,	60.0,	0.0,	1.2);
(20.0,	60.0,	0.0,	1.2);	(25.0,	60.0,	0.0,	1.2);
(30.0,	60.0,	0.0,	1.2);	(40.0,	60.0,	0.0,	1.2);
(50.0,	60.0,	0.0,	1.2);	(60.0,	60.0,	0.0,	1.2);
(70.0,	60.0,	0.0,	1.2);	(80.0,	60.0,	0.0,	1.2);
(90.0,	60.0,	0.0,	1.2);	(100.0,	60.0,	0.0,	1.2);
(-100.0,	70.0,	0.0,	1.2);	(-90.0,	70.0,	0.0,	1.2);
(-80.0,	70.0,	0.0,	1.2);	(-70.0,	70.0,	0.0,	1.2);
(-60.0,	70.0,	0.0,	1.2);	(-50.0,	70.0,	0.0,	1.2);
(-40.0,	70.0,	0.0,	1.2);	(-30.0,	70.0,	0.0,	1.2);
(-25.0,	70.0,	0.0,	1.2);	(-20.0,	70.0,	0.0,	1.2);
(-17.0,	70.0,	0.0,	1.2);	(-15.0,	70.0,	0.0,	1.2);
(-13.0,	70.0,	0.0,	1.2);	(-11.0,	70.0,	0.0,	1.2);
(-9.0,	70.0,	0.0,	1.2);	(9.0,	70.0,	0.0,	1.2);
(11.0,	70.0,	0.0,	1.2);	(13.0,	70.0,	0.0,	1.2);
(15.0,	70.0,	0.0,	1.2);	(17.0,	70.0,	0.0,	1.2);
(20.0,	70.0,	0.0,	1.2);	(25.0,	70.0,	0.0,	1.2);
(30.0,	70.0,	0.0,	1.2);	(40.0,	70.0,	0.0,	1.2);
(50.0,	70.0,	0.0,	1.2);	(60.0,	70.0,	0.0,	1.2);
(70.0,	70.0,	0.0,	1.2);	(80.0,	70.0,	0.0,	1.2);
(90.0,	70.0,	0.0,	1.2);	(100.0,	70.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:
PAGE 15

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	80.0,	0.0,	1.2);	(-90.0,	80.0,	0.0,	1.2);
(-80.0,	80.0,	0.0,	1.2);	(-70.0,	80.0,	0.0,	1.2);
(-60.0,	80.0,	0.0,	1.2);	(-50.0,	80.0,	0.0,	1.2);

03NCRA_NAPA97-300_DPM_TRAV_ANN N-S Bound

(-40.0,	80.0,	0.0,	1.2);	(-30.0,	80.0,	0.0,	1.2);
(-25.0,	80.0,	0.0,	1.2);	(-20.0,	80.0,	0.0,	1.2);
(-17.0,	80.0,	0.0,	1.2);	(-15.0,	80.0,	0.0,	1.2);
(-13.0,	80.0,	0.0,	1.2);	(-11.0,	80.0,	0.0,	1.2);
(-9.0,	80.0,	0.0,	1.2);	(9.0,	80.0,	0.0,	1.2);
(11.0,	80.0,	0.0,	1.2);	(13.0,	80.0,	0.0,	1.2);
(15.0,	80.0,	0.0,	1.2);	(17.0,	80.0,	0.0,	1.2);
(20.0,	80.0,	0.0,	1.2);	(25.0,	80.0,	0.0,	1.2);
(30.0,	80.0,	0.0,	1.2);	(40.0,	80.0,	0.0,	1.2);
(50.0,	80.0,	0.0,	1.2);	(60.0,	80.0,	0.0,	1.2);
(70.0,	80.0,	0.0,	1.2);	(80.0,	80.0,	0.0,	1.2);
(90.0,	80.0,	0.0,	1.2);	(100.0,	80.0,	0.0,	1.2);
(-100.0,	90.0,	0.0,	1.2);	(-90.0,	90.0,	0.0,	1.2);
(-80.0,	90.0,	0.0,	1.2);	(-70.0,	90.0,	0.0,	1.2);
(-60.0,	90.0,	0.0,	1.2);	(-50.0,	90.0,	0.0,	1.2);
(-40.0,	90.0,	0.0,	1.2);	(-30.0,	90.0,	0.0,	1.2);
(-25.0,	90.0,	0.0,	1.2);	(-20.0,	90.0,	0.0,	1.2);
(-17.0,	90.0,	0.0,	1.2);	(-15.0,	90.0,	0.0,	1.2);
(-13.0,	90.0,	0.0,	1.2);	(-11.0,	90.0,	0.0,	1.2);
(-9.0,	90.0,	0.0,	1.2);	(9.0,	90.0,	0.0,	1.2);
(11.0,	90.0,	0.0,	1.2);	(13.0,	90.0,	0.0,	1.2);
(15.0,	90.0,	0.0,	1.2);	(17.0,	90.0,	0.0,	1.2);
(20.0,	90.0,	0.0,	1.2);	(25.0,	90.0,	0.0,	1.2);
(30.0,	90.0,	0.0,	1.2);	(40.0,	90.0,	0.0,	1.2);
(50.0,	90.0,	0.0,	1.2);	(60.0,	90.0,	0.0,	1.2);
(70.0,	90.0,	0.0,	1.2);	(80.0,	90.0,	0.0,	1.2);
(90.0,	90.0,	0.0,	1.2);	(100.0,	90.0,	0.0,	1.2);
(-100.0,	100.0,	0.0,	1.2);	(-90.0,	100.0,	0.0,	1.2);
(-80.0,	100.0,	0.0,	1.2);	(-70.0,	100.0,	0.0,	1.2);
(-60.0,	100.0,	0.0,	1.2);	(-50.0,	100.0,	0.0,	1.2);
(-40.0,	100.0,	0.0,	1.2);	(-30.0,	100.0,	0.0,	1.2);
(-25.0,	100.0,	0.0,	1.2);	(-20.0,	100.0,	0.0,	1.2);
(-17.0,	100.0,	0.0,	1.2);	(-15.0,	100.0,	0.0,	1.2);
(-13.0,	100.0,	0.0,	1.2);	(-11.0,	100.0,	0.0,	1.2);
(-9.0,	100.0,	0.0,	1.2);	(9.0,	100.0,	0.0,	1.2);
(11.0,	100.0,	0.0,	1.2);	(13.0,	100.0,	0.0,	1.2);
(15.0,	100.0,	0.0,	1.2);	(17.0,	100.0,	0.0,	1.2);
(20.0,	100.0,	0.0,	1.2);	(25.0,	100.0,	0.0,	1.2);
(30.0,	100.0,	0.0,	1.2);	(40.0,	100.0,	0.0,	1.2);
(50.0,	100.0,	0.0,	1.2);	(60.0,	100.0,	0.0,	1.2);
(70.0,	100.0,	0.0,	1.2);	(80.0,	100.0,	0.0,	1.2);
(90.0,	100.0,	0.0,	1.2);	(100.0,	100.0,	0.0,	1.2);

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, 110.0, 0.0, 1.2);	(-90.0, 110.0, 0.0, 1.2);
(-80.0, 110.0, 0.0, 1.2);	(-70.0, 110.0, 0.0, 1.2);
(-60.0, 110.0, 0.0, 1.2);	(-50.0, 110.0, 0.0, 1.2);
(-40.0, 110.0, 0.0, 1.2);	(-30.0, 110.0, 0.0, 1.2);
(-25.0, 110.0, 0.0, 1.2);	(-20.0, 110.0, 0.0, 1.2);
(-17.0, 110.0, 0.0, 1.2);	(-15.0, 110.0, 0.0, 1.2);
(-13.0, 110.0, 0.0, 1.2);	(-11.0, 110.0, 0.0, 1.2);
(-9.0, 110.0, 0.0, 1.2);	(9.0, 110.0, 0.0, 1.2);
(11.0, 110.0, 0.0, 1.2);	(13.0, 110.0, 0.0, 1.2);
(15.0, 110.0, 0.0, 1.2);	(17.0, 110.0, 0.0, 1.2);
(20.0, 110.0, 0.0, 1.2);	(25.0, 110.0, 0.0, 1.2);
(30.0, 110.0, 0.0, 1.2);	(40.0, 110.0, 0.0, 1.2);
(50.0, 110.0, 0.0, 1.2);	(60.0, 110.0, 0.0, 1.2);
(70.0, 110.0, 0.0, 1.2);	(80.0, 110.0, 0.0, 1.2);
(90.0, 110.0, 0.0, 1.2);	(100.0, 110.0, 0.0, 1.2);
(-100.0, 120.0, 0.0, 1.2);	(-90.0, 120.0, 0.0, 1.2);
(-80.0, 120.0, 0.0, 1.2);	(-70.0, 120.0, 0.0, 1.2);
(-60.0, 120.0, 0.0, 1.2);	(-50.0, 120.0, 0.0, 1.2);
(-40.0, 120.0, 0.0, 1.2);	(-30.0, 120.0, 0.0, 1.2);
(-25.0, 120.0, 0.0, 1.2);	(-20.0, 120.0, 0.0, 1.2);
(-17.0, 120.0, 0.0, 1.2);	(-15.0, 120.0, 0.0, 1.2);
(-13.0, 120.0, 0.0, 1.2);	(-11.0, 120.0, 0.0, 1.2);
(-9.0, 120.0, 0.0, 1.2);	(9.0, 120.0, 0.0, 1.2);
(11.0, 120.0, 0.0, 1.2);	(13.0, 120.0, 0.0, 1.2);
(15.0, 120.0, 0.0, 1.2);	(17.0, 120.0, 0.0, 1.2);
(20.0, 120.0, 0.0, 1.2);	(25.0, 120.0, 0.0, 1.2);
(30.0, 120.0, 0.0, 1.2);	(40.0, 120.0, 0.0, 1.2);
(50.0, 120.0, 0.0, 1.2);	(60.0, 120.0, 0.0, 1.2);
(70.0, 120.0, 0.0, 1.2);	(80.0, 120.0, 0.0, 1.2);
(90.0, 120.0, 0.0, 1.2);	(100.0, 120.0, 0.0, 1.2);
(-100.0, 130.0, 0.0, 1.2);	(-90.0, 130.0, 0.0, 1.2);
(-80.0, 130.0, 0.0, 1.2);	(-70.0, 130.0, 0.0, 1.2);
(-60.0, 130.0, 0.0, 1.2);	(-50.0, 130.0, 0.0, 1.2);
(-40.0, 130.0, 0.0, 1.2);	(-30.0, 130.0, 0.0, 1.2);
(-25.0, 130.0, 0.0, 1.2);	(-20.0, 130.0, 0.0, 1.2);
(-17.0, 130.0, 0.0, 1.2);	(-15.0, 130.0, 0.0, 1.2);
(-13.0, 130.0, 0.0, 1.2);	(-11.0, 130.0, 0.0, 1.2);
(-9.0, 130.0, 0.0, 1.2);	(9.0, 130.0, 0.0, 1.2);
(11.0, 130.0, 0.0, 1.2);	(13.0, 130.0, 0.0, 1.2);

03NCRA_NAPA97-300_DPM_TRAV_ANN N-S Bound

(15.0,	130.0,	0.0,	1.2);	(17.0,	130.0,	0.0,	1.2);
(20.0,	130.0,	0.0,	1.2);	(25.0,	130.0,	0.0,	1.2);
(30.0,	130.0,	0.0,	1.2);	(40.0,	130.0,	0.0,	1.2);
(50.0,	130.0,	0.0,	1.2);	(60.0,	130.0,	0.0,	1.2);
(70.0,	130.0,	0.0,	1.2);	(80.0,	130.0,	0.0,	1.2);
(90.0,	130.0,	0.0,	1.2);	(100.0,	130.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:
 PAGE 17

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	140.0,	0.0,	1.2);	(-90.0,	140.0,	0.0,	1.2);
(-80.0,	140.0,	0.0,	1.2);	(-70.0,	140.0,	0.0,	1.2);
(-60.0,	140.0,	0.0,	1.2);	(-50.0,	140.0,	0.0,	1.2);
(-40.0,	140.0,	0.0,	1.2);	(-30.0,	140.0,	0.0,	1.2);
(-25.0,	140.0,	0.0,	1.2);	(-20.0,	140.0,	0.0,	1.2);
(-17.0,	140.0,	0.0,	1.2);	(-15.0,	140.0,	0.0,	1.2);
(-13.0,	140.0,	0.0,	1.2);	(-11.0,	140.0,	0.0,	1.2);
(-9.0,	140.0,	0.0,	1.2);	(9.0,	140.0,	0.0,	1.2);
(11.0,	140.0,	0.0,	1.2);	(13.0,	140.0,	0.0,	1.2);
(15.0,	140.0,	0.0,	1.2);	(17.0,	140.0,	0.0,	1.2);
(20.0,	140.0,	0.0,	1.2);	(25.0,	140.0,	0.0,	1.2);
(30.0,	140.0,	0.0,	1.2);	(40.0,	140.0,	0.0,	1.2);
(50.0,	140.0,	0.0,	1.2);	(60.0,	140.0,	0.0,	1.2);
(70.0,	140.0,	0.0,	1.2);	(80.0,	140.0,	0.0,	1.2);
(90.0,	140.0,	0.0,	1.2);	(100.0,	140.0,	0.0,	1.2);
(-100.0,	150.0,	0.0,	1.2);	(-90.0,	150.0,	0.0,	1.2);
(-80.0,	150.0,	0.0,	1.2);	(-70.0,	150.0,	0.0,	1.2);
(-60.0,	150.0,	0.0,	1.2);	(-50.0,	150.0,	0.0,	1.2);
(-40.0,	150.0,	0.0,	1.2);	(-30.0,	150.0,	0.0,	1.2);
(-25.0,	150.0,	0.0,	1.2);	(-20.0,	150.0,	0.0,	1.2);
(-17.0,	150.0,	0.0,	1.2);	(-15.0,	150.0,	0.0,	1.2);
(-13.0,	150.0,	0.0,	1.2);	(-11.0,	150.0,	0.0,	1.2);
(-9.0,	150.0,	0.0,	1.2);	(9.0,	150.0,	0.0,	1.2);
(11.0,	150.0,	0.0,	1.2);	(13.0,	150.0,	0.0,	1.2);
(15.0,	150.0,	0.0,	1.2);	(17.0,	150.0,	0.0,	1.2);
(20.0,	150.0,	0.0,	1.2);	(25.0,	150.0,	0.0,	1.2);
(30.0,	150.0,	0.0,	1.2);	(40.0,	150.0,	0.0,	1.2);
(50.0,	150.0,	0.0,	1.2);	(60.0,	150.0,	0.0,	1.2);
(70.0,	150.0,	0.0,	1.2);	(80.0,	150.0,	0.0,	1.2);
(90.0,	150.0,	0.0,	1.2);	(100.0,	150.0,	0.0,	1.2);
(-100.0,	160.0,	0.0,	1.2);	(-90.0,	160.0,	0.0,	1.2);

03NCRA_NAPA97-300_DPM_TRAV_ANN N-S Bound

(-80.0,	160.0,	0.0,	1.2);	(-70.0,	160.0,	0.0,	1.2);
(-60.0,	160.0,	0.0,	1.2);	(-50.0,	160.0,	0.0,	1.2);
(-40.0,	160.0,	0.0,	1.2);	(-30.0,	160.0,	0.0,	1.2);
(-25.0,	160.0,	0.0,	1.2);	(-20.0,	160.0,	0.0,	1.2);
(-17.0,	160.0,	0.0,	1.2);	(-15.0,	160.0,	0.0,	1.2);
(-13.0,	160.0,	0.0,	1.2);	(-11.0,	160.0,	0.0,	1.2);
(-9.0,	160.0,	0.0,	1.2);	(9.0,	160.0,	0.0,	1.2);
(11.0,	160.0,	0.0,	1.2);	(13.0,	160.0,	0.0,	1.2);
(15.0,	160.0,	0.0,	1.2);	(17.0,	160.0,	0.0,	1.2);
(20.0,	160.0,	0.0,	1.2);	(25.0,	160.0,	0.0,	1.2);
(30.0,	160.0,	0.0,	1.2);	(40.0,	160.0,	0.0,	1.2);
(50.0,	160.0,	0.0,	1.2);	(60.0,	160.0,	0.0,	1.2);
(70.0,	160.0,	0.0,	1.2);	(80.0,	160.0,	0.0,	1.2);
(90.0,	160.0,	0.0,	1.2);	(100.0,	160.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	170.0,	0.0,	1.2);	(-90.0,	170.0,	0.0,	1.2);
(-80.0,	170.0,	0.0,	1.2);	(-70.0,	170.0,	0.0,	1.2);
(-60.0,	170.0,	0.0,	1.2);	(-50.0,	170.0,	0.0,	1.2);
(-40.0,	170.0,	0.0,	1.2);	(-30.0,	170.0,	0.0,	1.2);
(-25.0,	170.0,	0.0,	1.2);	(-20.0,	170.0,	0.0,	1.2);
(-17.0,	170.0,	0.0,	1.2);	(-15.0,	170.0,	0.0,	1.2);
(-13.0,	170.0,	0.0,	1.2);	(-11.0,	170.0,	0.0,	1.2);
(-9.0,	170.0,	0.0,	1.2);	(9.0,	170.0,	0.0,	1.2);
(11.0,	170.0,	0.0,	1.2);	(13.0,	170.0,	0.0,	1.2);
(15.0,	170.0,	0.0,	1.2);	(17.0,	170.0,	0.0,	1.2);
(20.0,	170.0,	0.0,	1.2);	(25.0,	170.0,	0.0,	1.2);
(30.0,	170.0,	0.0,	1.2);	(40.0,	170.0,	0.0,	1.2);
(50.0,	170.0,	0.0,	1.2);	(60.0,	170.0,	0.0,	1.2);
(70.0,	170.0,	0.0,	1.2);	(80.0,	170.0,	0.0,	1.2);
(90.0,	170.0,	0.0,	1.2);	(100.0,	170.0,	0.0,	1.2);
(-100.0,	180.0,	0.0,	1.2);	(-90.0,	180.0,	0.0,	1.2);
(-80.0,	180.0,	0.0,	1.2);	(-70.0,	180.0,	0.0,	1.2);
(-60.0,	180.0,	0.0,	1.2);	(-50.0,	180.0,	0.0,	1.2);
(-40.0,	180.0,	0.0,	1.2);	(-30.0,	180.0,	0.0,	1.2);
(-25.0,	180.0,	0.0,	1.2);	(-20.0,	180.0,	0.0,	1.2);
(-17.0,	180.0,	0.0,	1.2);	(-15.0,	180.0,	0.0,	1.2);
(-13.0,	180.0,	0.0,	1.2);	(-11.0,	180.0,	0.0,	1.2);
(-9.0,	180.0,	0.0,	1.2);	(9.0,	180.0,	0.0,	1.2);

03NCRA_NAPA97-300_DPM_TRAV_ANN N-S Bound

(11.0,	180.0,	0.0,	1.2);	(13.0,	180.0,	0.0,	1.2);
(15.0,	180.0,	0.0,	1.2);	(17.0,	180.0,	0.0,	1.2);
(20.0,	180.0,	0.0,	1.2);	(25.0,	180.0,	0.0,	1.2);
(30.0,	180.0,	0.0,	1.2);	(40.0,	180.0,	0.0,	1.2);
(50.0,	180.0,	0.0,	1.2);	(60.0,	180.0,	0.0,	1.2);
(70.0,	180.0,	0.0,	1.2);	(80.0,	180.0,	0.0,	1.2);
(90.0,	180.0,	0.0,	1.2);	(100.0,	180.0,	0.0,	1.2);
(-100.0,	190.0,	0.0,	1.2);	(-90.0,	190.0,	0.0,	1.2);
(-80.0,	190.0,	0.0,	1.2);	(-70.0,	190.0,	0.0,	1.2);
(-60.0,	190.0,	0.0,	1.2);	(-50.0,	190.0,	0.0,	1.2);
(-40.0,	190.0,	0.0,	1.2);	(-30.0,	190.0,	0.0,	1.2);
(-25.0,	190.0,	0.0,	1.2);	(-20.0,	190.0,	0.0,	1.2);
(-17.0,	190.0,	0.0,	1.2);	(-15.0,	190.0,	0.0,	1.2);
(-13.0,	190.0,	0.0,	1.2);	(-11.0,	190.0,	0.0,	1.2);
(-9.0,	190.0,	0.0,	1.2);	(9.0,	190.0,	0.0,	1.2);
(11.0,	190.0,	0.0,	1.2);	(13.0,	190.0,	0.0,	1.2);
(15.0,	190.0,	0.0,	1.2);	(17.0,	190.0,	0.0,	1.2);
(20.0,	190.0,	0.0,	1.2);	(25.0,	190.0,	0.0,	1.2);
(30.0,	190.0,	0.0,	1.2);	(40.0,	190.0,	0.0,	1.2);
(50.0,	190.0,	0.0,	1.2);	(60.0,	190.0,	0.0,	1.2);
(70.0,	190.0,	0.0,	1.2);	(80.0,	190.0,	0.0,	1.2);
(90.0,	190.0,	0.0,	1.2);	(100.0,	190.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 19
 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	200.0,	0.0,	1.2);	(-90.0,	200.0,	0.0,	1.2);
(-80.0,	200.0,	0.0,	1.2);	(-70.0,	200.0,	0.0,	1.2);
(-60.0,	200.0,	0.0,	1.2);	(-50.0,	200.0,	0.0,	1.2);
(-40.0,	200.0,	0.0,	1.2);	(-30.0,	200.0,	0.0,	1.2);
(-25.0,	200.0,	0.0,	1.2);	(-20.0,	200.0,	0.0,	1.2);
(-17.0,	200.0,	0.0,	1.2);	(-15.0,	200.0,	0.0,	1.2);
(-13.0,	200.0,	0.0,	1.2);	(-11.0,	200.0,	0.0,	1.2);
(-9.0,	200.0,	0.0,	1.2);	(9.0,	200.0,	0.0,	1.2);
(11.0,	200.0,	0.0,	1.2);	(13.0,	200.0,	0.0,	1.2);
(15.0,	200.0,	0.0,	1.2);	(17.0,	200.0,	0.0,	1.2);
(20.0,	200.0,	0.0,	1.2);	(25.0,	200.0,	0.0,	1.2);
(30.0,	200.0,	0.0,	1.2);	(40.0,	200.0,	0.0,	1.2);
(50.0,	200.0,	0.0,	1.2);	(60.0,	200.0,	0.0,	1.2);
(70.0,	200.0,	0.0,	1.2);	(80.0,	200.0,	0.0,	1.2);
(90.0,	200.0,	0.0,	1.2);	(100.0,	200.0,	0.0,	1.2);

03NCRA_NAPA97-300_DPM_TRAV_ANN N-S Bound

(-100.0,	210.0,	0.0,	1.2);	(-90.0,	210.0,	0.0,	1.2);
(-80.0,	210.0,	0.0,	1.2);	(-70.0,	210.0,	0.0,	1.2);
(-60.0,	210.0,	0.0,	1.2);	(-50.0,	210.0,	0.0,	1.2);
(-40.0,	210.0,	0.0,	1.2);	(-30.0,	210.0,	0.0,	1.2);
(-25.0,	210.0,	0.0,	1.2);	(-20.0,	210.0,	0.0,	1.2);
(-17.0,	210.0,	0.0,	1.2);	(-15.0,	210.0,	0.0,	1.2);
(-13.0,	210.0,	0.0,	1.2);	(-11.0,	210.0,	0.0,	1.2);
(-9.0,	210.0,	0.0,	1.2);	(9.0,	210.0,	0.0,	1.2);
(11.0,	210.0,	0.0,	1.2);	(13.0,	210.0,	0.0,	1.2);
(15.0,	210.0,	0.0,	1.2);	(17.0,	210.0,	0.0,	1.2);
(20.0,	210.0,	0.0,	1.2);	(25.0,	210.0,	0.0,	1.2);
(30.0,	210.0,	0.0,	1.2);	(40.0,	210.0,	0.0,	1.2);
(50.0,	210.0,	0.0,	1.2);	(60.0,	210.0,	0.0,	1.2);
(70.0,	210.0,	0.0,	1.2);	(80.0,	210.0,	0.0,	1.2);
(90.0,	210.0,	0.0,	1.2);	(100.0,	210.0,	0.0,	1.2);
(-100.0,	220.0,	0.0,	1.2);	(-90.0,	220.0,	0.0,	1.2);
(-80.0,	220.0,	0.0,	1.2);	(-70.0,	220.0,	0.0,	1.2);
(-60.0,	220.0,	0.0,	1.2);	(-50.0,	220.0,	0.0,	1.2);
(-40.0,	220.0,	0.0,	1.2);	(-30.0,	220.0,	0.0,	1.2);
(-25.0,	220.0,	0.0,	1.2);	(-20.0,	220.0,	0.0,	1.2);
(-17.0,	220.0,	0.0,	1.2);	(-15.0,	220.0,	0.0,	1.2);
(-13.0,	220.0,	0.0,	1.2);	(-11.0,	220.0,	0.0,	1.2);
(-9.0,	220.0,	0.0,	1.2);	(9.0,	220.0,	0.0,	1.2);
(11.0,	220.0,	0.0,	1.2);	(13.0,	220.0,	0.0,	1.2);
(15.0,	220.0,	0.0,	1.2);	(17.0,	220.0,	0.0,	1.2);
(20.0,	220.0,	0.0,	1.2);	(25.0,	220.0,	0.0,	1.2);
(30.0,	220.0,	0.0,	1.2);	(40.0,	220.0,	0.0,	1.2);
(50.0,	220.0,	0.0,	1.2);	(60.0,	220.0,	0.0,	1.2);
(70.0,	220.0,	0.0,	1.2);	(80.0,	220.0,	0.0,	1.2);
(90.0,	220.0,	0.0,	1.2);	(100.0,	220.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	230.0,	0.0,	1.2);	(-90.0,	230.0,	0.0,	1.2);
(-80.0,	230.0,	0.0,	1.2);	(-70.0,	230.0,	0.0,	1.2);
(-60.0,	230.0,	0.0,	1.2);	(-50.0,	230.0,	0.0,	1.2);
(-40.0,	230.0,	0.0,	1.2);	(-30.0,	230.0,	0.0,	1.2);
(-25.0,	230.0,	0.0,	1.2);	(-20.0,	230.0,	0.0,	1.2);
(-17.0,	230.0,	0.0,	1.2);	(-15.0,	230.0,	0.0,	1.2);
(-13.0,	230.0,	0.0,	1.2);	(-11.0,	230.0,	0.0,	1.2);

03NCRA_NAPA97-300_DPM_TRAV_ANN N-S Bound

(-9.0, 230.0, 0.0, 1.2);	(-9.0, 230.0, 0.0, 1.2);
(11.0, 230.0, 0.0, 1.2);	(13.0, 230.0, 0.0, 1.2);
(15.0, 230.0, 0.0, 1.2);	(17.0, 230.0, 0.0, 1.2);
(20.0, 230.0, 0.0, 1.2);	(25.0, 230.0, 0.0, 1.2);
(30.0, 230.0, 0.0, 1.2);	(40.0, 230.0, 0.0, 1.2);
(50.0, 230.0, 0.0, 1.2);	(60.0, 230.0, 0.0, 1.2);
(70.0, 230.0, 0.0, 1.2);	(80.0, 230.0, 0.0, 1.2);
(90.0, 230.0, 0.0, 1.2);	(100.0, 230.0, 0.0, 1.2);
(-100.0, 240.0, 0.0, 1.2);	(-90.0, 240.0, 0.0, 1.2);
(-80.0, 240.0, 0.0, 1.2);	(-70.0, 240.0, 0.0, 1.2);
(-60.0, 240.0, 0.0, 1.2);	(-50.0, 240.0, 0.0, 1.2);
(-40.0, 240.0, 0.0, 1.2);	(-30.0, 240.0, 0.0, 1.2);
(-25.0, 240.0, 0.0, 1.2);	(-20.0, 240.0, 0.0, 1.2);
(-17.0, 240.0, 0.0, 1.2);	(-15.0, 240.0, 0.0, 1.2);
(-13.0, 240.0, 0.0, 1.2);	(-11.0, 240.0, 0.0, 1.2);
(-9.0, 240.0, 0.0, 1.2);	(9.0, 240.0, 0.0, 1.2);
(11.0, 240.0, 0.0, 1.2);	(13.0, 240.0, 0.0, 1.2);
(15.0, 240.0, 0.0, 1.2);	(17.0, 240.0, 0.0, 1.2);
(20.0, 240.0, 0.0, 1.2);	(25.0, 240.0, 0.0, 1.2);
(30.0, 240.0, 0.0, 1.2);	(40.0, 240.0, 0.0, 1.2);
(50.0, 240.0, 0.0, 1.2);	(60.0, 240.0, 0.0, 1.2);
(70.0, 240.0, 0.0, 1.2);	(80.0, 240.0, 0.0, 1.2);
(90.0, 240.0, 0.0, 1.2);	(100.0, 240.0, 0.0, 1.2);
(-100.0, 250.0, 0.0, 1.2);	(-90.0, 250.0, 0.0, 1.2);
(-80.0, 250.0, 0.0, 1.2);	(-70.0, 250.0, 0.0, 1.2);
(-60.0, 250.0, 0.0, 1.2);	(-50.0, 250.0, 0.0, 1.2);
(-40.0, 250.0, 0.0, 1.2);	(-30.0, 250.0, 0.0, 1.2);
(-25.0, 250.0, 0.0, 1.2);	(-20.0, 250.0, 0.0, 1.2);
(-17.0, 250.0, 0.0, 1.2);	(-15.0, 250.0, 0.0, 1.2);
(-13.0, 250.0, 0.0, 1.2);	(-11.0, 250.0, 0.0, 1.2);
(-9.0, 250.0, 0.0, 1.2);	(9.0, 250.0, 0.0, 1.2);
(11.0, 250.0, 0.0, 1.2);	(13.0, 250.0, 0.0, 1.2);
(15.0, 250.0, 0.0, 1.2);	(17.0, 250.0, 0.0, 1.2);
(20.0, 250.0, 0.0, 1.2);	(25.0, 250.0, 0.0, 1.2);
(30.0, 250.0, 0.0, 1.2);	(40.0, 250.0, 0.0, 1.2);
(50.0, 250.0, 0.0, 1.2);	(60.0, 250.0, 0.0, 1.2);
(70.0, 250.0, 0.0, 1.2);	(80.0, 250.0, 0.0, 1.2);
(90.0, 250.0, 0.0, 1.2);	(100.0, 250.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:37:33

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
97	01	01	01	1.0	3.40	288.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	02	14.0	3.58	288.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	03	18.0	3.40	288.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	04	11.0	3.80	288.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	05	28.0	3.67	288.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	06	39.0	3.93	288.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	07	47.0	3.89	288.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	08	50.0	3.31	287.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	09	45.0	3.13	287.7	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	10	17.0	3.93	287.9	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	11	29.0	3.89	288.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	12	26.0	3.93	288.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	13	15.0	2.55	288.1	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	14	13.0	2.95	288.2	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	15	35.0	3.58	288.2	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	16	32.0	3.08	288.4	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	17	23.0	2.95	288.2	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	18	16.0	2.73	287.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	19	22.0	2.68	287.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	20	17.0	2.24	287.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	21	16.0	2.24	287.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	22	16.0	2.19	287.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	23	24.0	2.28	287.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	24	11.0	2.28	287.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:
PAGE 23

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00012	-90.00	-250.00	0.00012
-80.00	-250.00	0.00012	-70.00	-250.00	0.00012
-60.00	-250.00	0.00011	-50.00	-250.00	0.00011
-40.00	-250.00	0.00011	-30.00	-250.00	0.00011
-25.00	-250.00	0.00011	-20.00	-250.00	0.00010
-17.00	-250.00	0.00010	-15.00	-250.00	0.00010
-13.00	-250.00	0.00010	-11.00	-250.00	0.00010
-9.00	-250.00	0.00010	9.00	-250.00	0.00009
11.00	-250.00	0.00009	13.00	-250.00	0.00009
15.00	-250.00	0.00009	17.00	-250.00	0.00009
20.00	-250.00	0.00009	25.00	-250.00	0.00009
30.00	-250.00	0.00008	40.00	-250.00	0.00008
50.00	-250.00	0.00008	60.00	-250.00	0.00007
70.00	-250.00	0.00007	80.00	-250.00	0.00007
90.00	-250.00	0.00006	100.00	-250.00	0.00006
-100.00	-240.00	0.00012	-90.00	-240.00	0.00012
-80.00	-240.00	0.00012	-70.00	-240.00	0.00012

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-13.00	-220.00	0.00012	-11.00	-220.00	0.00011
-9.00	-220.00	0.00011	9.00	-220.00	0.00011
11.00	-220.00	0.00010	13.00	-220.00	0.00010
15.00	-220.00	0.00010	17.00	-220.00	0.00010
20.00	-220.00	0.00010	25.00	-220.00	0.00010
30.00	-220.00	0.00010	40.00	-220.00	0.00009
50.00	-220.00	0.00009	60.00	-220.00	0.00008
70.00	-220.00	0.00008	80.00	-220.00	0.00007
90.00	-220.00	0.00007	100.00	-220.00	0.00007
-100.00	-210.00	0.00014	-90.00	-210.00	0.00014
-80.00	-210.00	0.00014	-70.00	-210.00	0.00014
-60.00	-210.00	0.00014	-50.00	-210.00	0.00014
-40.00	-210.00	0.00013	-30.00	-210.00	0.00013
-25.00	-210.00	0.00013	-20.00	-210.00	0.00012
-17.00	-210.00	0.00012	-15.00	-210.00	0.00012
-13.00	-210.00	0.00012	-11.00	-210.00	0.00012
-9.00	-210.00	0.00012	9.00	-210.00	0.00011
11.00	-210.00	0.00011	13.00	-210.00	0.00011
15.00	-210.00	0.00011	17.00	-210.00	0.00011
20.00	-210.00	0.00010	25.00	-210.00	0.00010
30.00	-210.00	0.00010	40.00	-210.00	0.00009
50.00	-210.00	0.00009	60.00	-210.00	0.00009
70.00	-210.00	0.00008	80.00	-210.00	0.00008
90.00	-210.00	0.00007	100.00	-210.00	0.00007
-100.00	-200.00	0.00015	-90.00	-200.00	0.00015
-80.00	-200.00	0.00015	-70.00	-200.00	0.00015
-60.00	-200.00	0.00014	-50.00	-200.00	0.00014
-40.00	-200.00	0.00014	-30.00	-200.00	0.00014
-25.00	-200.00	0.00013	-20.00	-200.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTS:
 PAGE 25

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00013	-15.00	-200.00	0.00013
-13.00	-200.00	0.00013	-11.00	-200.00	0.00013
-9.00	-200.00	0.00013	9.00	-200.00	0.00012
11.00	-200.00	0.00011	13.00	-200.00	0.00011
15.00	-200.00	0.00011	17.00	-200.00	0.00011

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

20.00	-200.00	0.00011	25.00	-200.00	0.00011
30.00	-200.00	0.00010	40.00	-200.00	0.00010
50.00	-200.00	0.00009	60.00	-200.00	0.00009
70.00	-200.00	0.00008	80.00	-200.00	0.00008
90.00	-200.00	0.00008	100.00	-200.00	0.00007
-100.00	-190.00	0.00016	-90.00	-190.00	0.00016
-80.00	-190.00	0.00016	-70.00	-190.00	0.00015
-60.00	-190.00	0.00015	-50.00	-190.00	0.00015
-40.00	-190.00	0.00015	-30.00	-190.00	0.00014
-25.00	-190.00	0.00014	-20.00	-190.00	0.00014
-17.00	-190.00	0.00014	-15.00	-190.00	0.00014
-13.00	-190.00	0.00013	-11.00	-190.00	0.00013
-9.00	-190.00	0.00013	9.00	-190.00	0.00012
11.00	-190.00	0.00012	13.00	-190.00	0.00012
15.00	-190.00	0.00012	17.00	-190.00	0.00012
20.00	-190.00	0.00011	25.00	-190.00	0.00011
30.00	-190.00	0.00011	40.00	-190.00	0.00010
50.00	-190.00	0.00010	60.00	-190.00	0.00009
70.00	-190.00	0.00009	80.00	-190.00	0.00008
90.00	-190.00	0.00008	100.00	-190.00	0.00008
-100.00	-180.00	0.00016	-90.00	-180.00	0.00016
-80.00	-180.00	0.00016	-70.00	-180.00	0.00016
-60.00	-180.00	0.00016	-50.00	-180.00	0.00016
-40.00	-180.00	0.00015	-30.00	-180.00	0.00015
-25.00	-180.00	0.00015	-20.00	-180.00	0.00015
-17.00	-180.00	0.00014	-15.00	-180.00	0.00014
-13.00	-180.00	0.00014	-11.00	-180.00	0.00014
-9.00	-180.00	0.00014	9.00	-180.00	0.00013
11.00	-180.00	0.00013	13.00	-180.00	0.00012
15.00	-180.00	0.00012	17.00	-180.00	0.00012
20.00	-180.00	0.00012	25.00	-180.00	0.00012
30.00	-180.00	0.00011	40.00	-180.00	0.00011
50.00	-180.00	0.00010	60.00	-180.00	0.00010
70.00	-180.00	0.00009	80.00	-180.00	0.00009
90.00	-180.00	0.00008	100.00	-180.00	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTS:
 PAGE 26

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00017	-90.00	-170.00	0.00017
-80.00	-170.00	0.00017	-70.00	-170.00	0.00017
-60.00	-170.00	0.00017	-50.00	-170.00	0.00017
-40.00	-170.00	0.00016	-30.00	-170.00	0.00016
-25.00	-170.00	0.00016	-20.00	-170.00	0.00015
-17.00	-170.00	0.00015	-15.00	-170.00	0.00015
-13.00	-170.00	0.00015	-11.00	-170.00	0.00015
-9.00	-170.00	0.00015	9.00	-170.00	0.00013
11.00	-170.00	0.00013	13.00	-170.00	0.00013
15.00	-170.00	0.00013	17.00	-170.00	0.00013
20.00	-170.00	0.00013	25.00	-170.00	0.00012
30.00	-170.00	0.00012	40.00	-170.00	0.00011
50.00	-170.00	0.00011	60.00	-170.00	0.00010
70.00	-170.00	0.00010	80.00	-170.00	0.00009
90.00	-170.00	0.00009	100.00	-170.00	0.00008
-100.00	-160.00	0.00018	-90.00	-160.00	0.00018
-80.00	-160.00	0.00018	-70.00	-160.00	0.00018
-60.00	-160.00	0.00018	-50.00	-160.00	0.00018
-40.00	-160.00	0.00017	-30.00	-160.00	0.00017
-25.00	-160.00	0.00016	-20.00	-160.00	0.00016
-17.00	-160.00	0.00016	-15.00	-160.00	0.00016
-13.00	-160.00	0.00016	-11.00	-160.00	0.00016
-9.00	-160.00	0.00015	9.00	-160.00	0.00014
11.00	-160.00	0.00014	13.00	-160.00	0.00014
15.00	-160.00	0.00014	17.00	-160.00	0.00014
20.00	-160.00	0.00013	25.00	-160.00	0.00013
30.00	-160.00	0.00013	40.00	-160.00	0.00012
50.00	-160.00	0.00011	60.00	-160.00	0.00011
70.00	-160.00	0.00010	80.00	-160.00	0.00009
90.00	-160.00	0.00009	100.00	-160.00	0.00008
-100.00	-150.00	0.00019	-90.00	-150.00	0.00019
-80.00	-150.00	0.00019	-70.00	-150.00	0.00019
-60.00	-150.00	0.00019	-50.00	-150.00	0.00019
-40.00	-150.00	0.00018	-30.00	-150.00	0.00018
-25.00	-150.00	0.00017	-20.00	-150.00	0.00017
-17.00	-150.00	0.00017	-15.00	-150.00	0.00017
-13.00	-150.00	0.00017	-11.00	-150.00	0.00016
-9.00	-150.00	0.00016	9.00	-150.00	0.00015
11.00	-150.00	0.00015	13.00	-150.00	0.00015
15.00	-150.00	0.00014	17.00	-150.00	0.00014

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:37:33

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00014	25.00	-150.00	0.00014
30.00	-150.00	0.00013	40.00	-150.00	0.00012
50.00	-150.00	0.00012	60.00	-150.00	0.00011
70.00	-150.00	0.00010	80.00	-150.00	0.00010
90.00	-150.00	0.00009	100.00	-150.00	0.00009
-100.00	-140.00	0.00020	-90.00	-140.00	0.00020
-80.00	-140.00	0.00020	-70.00	-140.00	0.00020
-60.00	-140.00	0.00020	-50.00	-140.00	0.00020
-40.00	-140.00	0.00019	-30.00	-140.00	0.00019
-25.00	-140.00	0.00019	-20.00	-140.00	0.00018
-17.00	-140.00	0.00018	-15.00	-140.00	0.00018
-13.00	-140.00	0.00018	-11.00	-140.00	0.00017
-9.00	-140.00	0.00017	9.00	-140.00	0.00016
11.00	-140.00	0.00016	13.00	-140.00	0.00015
15.00	-140.00	0.00015	17.00	-140.00	0.00015
20.00	-140.00	0.00015	25.00	-140.00	0.00014
30.00	-140.00	0.00014	40.00	-140.00	0.00013
50.00	-140.00	0.00012	60.00	-140.00	0.00012
70.00	-140.00	0.00011	80.00	-140.00	0.00010
90.00	-140.00	0.00010	100.00	-140.00	0.00009
-100.00	-130.00	0.00021	-90.00	-130.00	0.00021
-80.00	-130.00	0.00022	-70.00	-130.00	0.00022
-60.00	-130.00	0.00021	-50.00	-130.00	0.00021
-40.00	-130.00	0.00021	-30.00	-130.00	0.00020
-25.00	-130.00	0.00020	-20.00	-130.00	0.00019
-17.00	-130.00	0.00019	-15.00	-130.00	0.00019
-13.00	-130.00	0.00019	-11.00	-130.00	0.00019
-9.00	-130.00	0.00018	9.00	-130.00	0.00017
11.00	-130.00	0.00016	13.00	-130.00	0.00016
15.00	-130.00	0.00016	17.00	-130.00	0.00016
20.00	-130.00	0.00016	25.00	-130.00	0.00015
30.00	-130.00	0.00015	40.00	-130.00	0.00014
50.00	-130.00	0.00013	60.00	-130.00	0.00012
70.00	-130.00	0.00011	80.00	-130.00	0.00011
90.00	-130.00	0.00010	100.00	-130.00	0.00009
-100.00	-120.00	0.00022	-90.00	-120.00	0.00023
-80.00	-120.00	0.00023	-70.00	-120.00	0.00023

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-60.00	-120.00	0.00023	-50.00	-120.00	0.00022
-40.00	-120.00	0.00022	-30.00	-120.00	0.00021
-25.00	-120.00	0.00021	-20.00	-120.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

PAGE 28

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00020	-15.00	-120.00	0.00020
-13.00	-120.00	0.00020	-11.00	-120.00	0.00020
-9.00	-120.00	0.00020	9.00	-120.00	0.00018
11.00	-120.00	0.00017	13.00	-120.00	0.00017
15.00	-120.00	0.00017	17.00	-120.00	0.00017
20.00	-120.00	0.00016	25.00	-120.00	0.00016
30.00	-120.00	0.00015	40.00	-120.00	0.00014
50.00	-120.00	0.00014	60.00	-120.00	0.00013
70.00	-120.00	0.00012	80.00	-120.00	0.00011
90.00	-120.00	0.00011	100.00	-120.00	0.00010
-100.00	-110.00	0.00024	-90.00	-110.00	0.00024
-80.00	-110.00	0.00024	-70.00	-110.00	0.00024
-60.00	-110.00	0.00024	-50.00	-110.00	0.00024
-40.00	-110.00	0.00023	-30.00	-110.00	0.00023
-25.00	-110.00	0.00022	-20.00	-110.00	0.00022
-17.00	-110.00	0.00022	-15.00	-110.00	0.00021
-13.00	-110.00	0.00021	-11.00	-110.00	0.00021
-9.00	-110.00	0.00021	9.00	-110.00	0.00019
11.00	-110.00	0.00019	13.00	-110.00	0.00018
15.00	-110.00	0.00018	17.00	-110.00	0.00018
20.00	-110.00	0.00017	25.00	-110.00	0.00017
30.00	-110.00	0.00016	40.00	-110.00	0.00015
50.00	-110.00	0.00014	60.00	-110.00	0.00013
70.00	-110.00	0.00012	80.00	-110.00	0.00012
90.00	-110.00	0.00011	100.00	-110.00	0.00010
-100.00	-100.00	0.00025	-90.00	-100.00	0.00026
-80.00	-100.00	0.00026	-70.00	-100.00	0.00026
-60.00	-100.00	0.00026	-50.00	-100.00	0.00026
-40.00	-100.00	0.00025	-30.00	-100.00	0.00024
-25.00	-100.00	0.00024	-20.00	-100.00	0.00024
-17.00	-100.00	0.00023	-15.00	-100.00	0.00023

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-13.00	-100.00	0.00023	-11.00	-100.00	0.00023
-9.00	-100.00	0.00022	9.00	-100.00	0.00020
11.00	-100.00	0.00020	13.00	-100.00	0.00019
15.00	-100.00	0.00019	17.00	-100.00	0.00019
20.00	-100.00	0.00019	25.00	-100.00	0.00018
30.00	-100.00	0.00017	40.00	-100.00	0.00016
50.00	-100.00	0.00015	60.00	-100.00	0.00014
70.00	-100.00	0.00013	80.00	-100.00	0.00012
90.00	-100.00	0.00011	100.00	-100.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00027	-90.00	-90.00	0.00027
-80.00	-90.00	0.00028	-70.00	-90.00	0.00028
-60.00	-90.00	0.00028	-50.00	-90.00	0.00027
-40.00	-90.00	0.00027	-30.00	-90.00	0.00026
-25.00	-90.00	0.00026	-20.00	-90.00	0.00025
-17.00	-90.00	0.00025	-15.00	-90.00	0.00025
-13.00	-90.00	0.00024	-11.00	-90.00	0.00024
-9.00	-90.00	0.00024	9.00	-90.00	0.00021
11.00	-90.00	0.00021	13.00	-90.00	0.00021
15.00	-90.00	0.00020	17.00	-90.00	0.00020
20.00	-90.00	0.00020	25.00	-90.00	0.00019
30.00	-90.00	0.00018	40.00	-90.00	0.00017
50.00	-90.00	0.00016	60.00	-90.00	0.00015
70.00	-90.00	0.00014	80.00	-90.00	0.00013
90.00	-90.00	0.00012	100.00	-90.00	0.00011
-100.00	-80.00	0.00029	-90.00	-80.00	0.00029
-80.00	-80.00	0.00030	-70.00	-80.00	0.00030
-60.00	-80.00	0.00030	-50.00	-80.00	0.00030
-40.00	-80.00	0.00029	-30.00	-80.00	0.00028
-25.00	-80.00	0.00028	-20.00	-80.00	0.00027
-17.00	-80.00	0.00027	-15.00	-80.00	0.00027
-13.00	-80.00	0.00026	-11.00	-80.00	0.00026
-9.00	-80.00	0.00026	9.00	-80.00	0.00023
11.00	-80.00	0.00023	13.00	-80.00	0.00022
15.00	-80.00	0.00022	17.00	-80.00	0.00022

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

20.00	-80.00	0.00021	25.00	-80.00	0.00020
30.00	-80.00	0.00019	40.00	-80.00	0.00018
50.00	-80.00	0.00017	60.00	-80.00	0.00016
70.00	-80.00	0.00014	80.00	-80.00	0.00013
90.00	-80.00	0.00013	100.00	-80.00	0.00012
-100.00	-70.00	0.00030	-90.00	-70.00	0.00031
-80.00	-70.00	0.00032	-70.00	-70.00	0.00032
-60.00	-70.00	0.00032	-50.00	-70.00	0.00032
-40.00	-70.00	0.00031	-30.00	-70.00	0.00030
-25.00	-70.00	0.00030	-20.00	-70.00	0.00029
-17.00	-70.00	0.00029	-15.00	-70.00	0.00029
-13.00	-70.00	0.00028	-11.00	-70.00	0.00028
-9.00	-70.00	0.00028	9.00	-70.00	0.00025
11.00	-70.00	0.00024	13.00	-70.00	0.00024
15.00	-70.00	0.00023	17.00	-70.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00022	25.00	-70.00	0.00022
30.00	-70.00	0.00021	40.00	-70.00	0.00019
50.00	-70.00	0.00018	60.00	-70.00	0.00016
70.00	-70.00	0.00015	80.00	-70.00	0.00014
90.00	-70.00	0.00013	100.00	-70.00	0.00012
-100.00	-60.00	0.00032	-90.00	-60.00	0.00033
-80.00	-60.00	0.00034	-70.00	-60.00	0.00034
-60.00	-60.00	0.00035	-50.00	-60.00	0.00034
-40.00	-60.00	0.00034	-30.00	-60.00	0.00033
-25.00	-60.00	0.00032	-20.00	-60.00	0.00032
-17.00	-60.00	0.00031	-15.00	-60.00	0.00031
-13.00	-60.00	0.00031	-11.00	-60.00	0.00030
-9.00	-60.00	0.00030	9.00	-60.00	0.00026
11.00	-60.00	0.00026	13.00	-60.00	0.00026
15.00	-60.00	0.00025	17.00	-60.00	0.00025
20.00	-60.00	0.00024	25.00	-60.00	0.00023
30.00	-60.00	0.00022	40.00	-60.00	0.00020
50.00	-60.00	0.00019	60.00	-60.00	0.00017
70.00	-60.00	0.00016	80.00	-60.00	0.00015

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

90.00	-60.00	0.00014	100.00	-60.00	0.00013
-100.00	-50.00	0.00035	-90.00	-50.00	0.00036
-80.00	-50.00	0.00036	-70.00	-50.00	0.00037
-60.00	-50.00	0.00037	-50.00	-50.00	0.00037
-40.00	-50.00	0.00037	-30.00	-50.00	0.00036
-25.00	-50.00	0.00035	-20.00	-50.00	0.00035
-17.00	-50.00	0.00034	-15.00	-50.00	0.00034
-13.00	-50.00	0.00033	-11.00	-50.00	0.00033
-9.00	-50.00	0.00032	9.00	-50.00	0.00028
11.00	-50.00	0.00028	13.00	-50.00	0.00028
15.00	-50.00	0.00027	17.00	-50.00	0.00027
20.00	-50.00	0.00026	25.00	-50.00	0.00025
30.00	-50.00	0.00024	40.00	-50.00	0.00022
50.00	-50.00	0.00020	60.00	-50.00	0.00018
70.00	-50.00	0.00017	80.00	-50.00	0.00016
90.00	-50.00	0.00014	100.00	-50.00	0.00013
-100.00	-40.00	0.00037	-90.00	-40.00	0.00038
-80.00	-40.00	0.00039	-70.00	-40.00	0.00040
-60.00	-40.00	0.00040	-50.00	-40.00	0.00041
-40.00	-40.00	0.00040	-30.00	-40.00	0.00039
-25.00	-40.00	0.00038	-20.00	-40.00	0.00038

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 31
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00037	-15.00	-40.00	0.00037
-13.00	-40.00	0.00036	-11.00	-40.00	0.00036
-9.00	-40.00	0.00035	9.00	-40.00	0.00031
11.00	-40.00	0.00030	13.00	-40.00	0.00030
15.00	-40.00	0.00029	17.00	-40.00	0.00029
20.00	-40.00	0.00028	25.00	-40.00	0.00027
30.00	-40.00	0.00025	40.00	-40.00	0.00023
50.00	-40.00	0.00021	60.00	-40.00	0.00020
70.00	-40.00	0.00018	80.00	-40.00	0.00017
90.00	-40.00	0.00015	100.00	-40.00	0.00014
-100.00	-30.00	0.00040	-90.00	-30.00	0.00041
-80.00	-30.00	0.00042	-70.00	-30.00	0.00043
-60.00	-30.00	0.00044	-50.00	-30.00	0.00044

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-40.00	-30.00	0.00044	-30.00	-30.00	0.00043
-25.00	-30.00	0.00042	-20.00	-30.00	0.00041
-17.00	-30.00	0.00041	-15.00	-30.00	0.00040
-13.00	-30.00	0.00040	-11.00	-30.00	0.00039
-9.00	-30.00	0.00039	9.00	-30.00	0.00033
11.00	-30.00	0.00033	13.00	-30.00	0.00032
15.00	-30.00	0.00032	17.00	-30.00	0.00031
20.00	-30.00	0.00030	25.00	-30.00	0.00029
30.00	-30.00	0.00027	40.00	-30.00	0.00025
50.00	-30.00	0.00023	60.00	-30.00	0.00021
70.00	-30.00	0.00019	80.00	-30.00	0.00017
90.00	-30.00	0.00016	100.00	-30.00	0.00015
-100.00	-20.00	0.00043	-90.00	-20.00	0.00044
-80.00	-20.00	0.00046	-70.00	-20.00	0.00047
-60.00	-20.00	0.00048	-50.00	-20.00	0.00048
-40.00	-20.00	0.00048	-30.00	-20.00	0.00047
-25.00	-20.00	0.00046	-20.00	-20.00	0.00045
-17.00	-20.00	0.00045	-15.00	-20.00	0.00044
-13.00	-20.00	0.00044	-11.00	-20.00	0.00043
-9.00	-20.00	0.00043	9.00	-20.00	0.00036
11.00	-20.00	0.00036	13.00	-20.00	0.00035
15.00	-20.00	0.00034	17.00	-20.00	0.00034
20.00	-20.00	0.00033	25.00	-20.00	0.00031
30.00	-20.00	0.00030	40.00	-20.00	0.00027
50.00	-20.00	0.00024	60.00	-20.00	0.00022
70.00	-20.00	0.00020	80.00	-20.00	0.00018
90.00	-20.00	0.00017	100.00	-20.00	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 32

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00047	-90.00	-10.00	0.00048
-80.00	-10.00	0.00050	-70.00	-10.00	0.00051
-60.00	-10.00	0.00052	-50.00	-10.00	0.00053
-40.00	-10.00	0.00053	-30.00	-10.00	0.00052
-25.00	-10.00	0.00051	-20.00	-10.00	0.00050
-17.00	-10.00	0.00049	-15.00	-10.00	0.00049
-13.00	-10.00	0.00048	-11.00	-10.00	0.00048

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-9.00	-10.00	0.00047	9.00	-10.00	0.00040
11.00	-10.00	0.00039	13.00	-10.00	0.00038
15.00	-10.00	0.00038	17.00	-10.00	0.00037
20.00	-10.00	0.00036	25.00	-10.00	0.00034
30.00	-10.00	0.00032	40.00	-10.00	0.00029
50.00	-10.00	0.00026	60.00	-10.00	0.00024
70.00	-10.00	0.00021	80.00	-10.00	0.00019
90.00	-10.00	0.00017	100.00	-10.00	0.00016
-100.00	0.00	0.00050	-90.00	0.00	0.00052
-80.00	0.00	0.00054	-70.00	0.00	0.00056
-60.00	0.00	0.00057	-50.00	0.00	0.00059
-40.00	0.00	0.00059	-30.00	0.00	0.00058
-25.00	0.00	0.00057	-20.00	0.00	0.00056
-17.00	0.00	0.00055	-15.00	0.00	0.00054
-13.00	0.00	0.00054	-11.00	0.00	0.00053
-9.00	0.00	0.00052	9.00	0.00	0.00044
11.00	0.00	0.00043	13.00	0.00	0.00042
15.00	0.00	0.00041	17.00	0.00	0.00040
20.00	0.00	0.00039	25.00	0.00	0.00037
30.00	0.00	0.00035	40.00	0.00	0.00031
50.00	0.00	0.00028	60.00	0.00	0.00025
70.00	0.00	0.00023	80.00	0.00	0.00020
90.00	0.00	0.00018	100.00	0.00	0.00016
-100.00	10.00	0.00055	-90.00	10.00	0.00057
-80.00	10.00	0.00059	-70.00	10.00	0.00061
-60.00	10.00	0.00063	-50.00	10.00	0.00065
-40.00	10.00	0.00065	-30.00	10.00	0.00065
-25.00	10.00	0.00064	-20.00	10.00	0.00062
-17.00	10.00	0.00061	-15.00	10.00	0.00061
-13.00	10.00	0.00060	-11.00	10.00	0.00059
-9.00	10.00	0.00058	9.00	10.00	0.00049
11.00	10.00	0.00047	13.00	10.00	0.00046
15.00	10.00	0.00045	17.00	10.00	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 33
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00043	25.00	10.00	0.00040

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

30.00	10.00	0.00038	40.00	10.00	0.00034
50.00	10.00	0.00030	60.00	10.00	0.00027
70.00	10.00	0.00024	80.00	10.00	0.00021
90.00	10.00	0.00019	100.00	10.00	0.00017
-100.00	20.00	0.00060	-90.00	20.00	0.00062
-80.00	20.00	0.00065	-70.00	20.00	0.00067
-60.00	20.00	0.00070	-50.00	20.00	0.00072
-40.00	20.00	0.00073	-30.00	20.00	0.00073
-25.00	20.00	0.00072	-20.00	20.00	0.00070
-17.00	20.00	0.00069	-15.00	20.00	0.00068
-13.00	20.00	0.00067	-11.00	20.00	0.00067
-9.00	20.00	0.00065	9.00	20.00	0.00054
11.00	20.00	0.00053	13.00	20.00	0.00051
15.00	20.00	0.00050	17.00	20.00	0.00049
20.00	20.00	0.00047	25.00	20.00	0.00044
30.00	20.00	0.00041	40.00	20.00	0.00037
50.00	20.00	0.00032	60.00	20.00	0.00029
70.00	20.00	0.00026	80.00	20.00	0.00023
90.00	20.00	0.00020	100.00	20.00	0.00017
-100.00	30.00	0.00066	-90.00	30.00	0.00069
-80.00	30.00	0.00072	-70.00	30.00	0.00074
-60.00	30.00	0.00077	-50.00	30.00	0.00080
-40.00	30.00	0.00082	-30.00	30.00	0.00082
-25.00	30.00	0.00081	-20.00	30.00	0.00080
-17.00	30.00	0.00079	-15.00	30.00	0.00078
-13.00	30.00	0.00077	-11.00	30.00	0.00075
-9.00	30.00	0.00074	9.00	30.00	0.00060
11.00	30.00	0.00059	13.00	30.00	0.00057
15.00	30.00	0.00056	17.00	30.00	0.00054
20.00	30.00	0.00052	25.00	30.00	0.00049
30.00	30.00	0.00045	40.00	30.00	0.00040
50.00	30.00	0.00035	60.00	30.00	0.00031
70.00	30.00	0.00027	80.00	30.00	0.00024
90.00	30.00	0.00021	100.00	30.00	0.00018
-100.00	40.00	0.00073	-90.00	40.00	0.00076
-80.00	40.00	0.00079	-70.00	40.00	0.00083
-60.00	40.00	0.00086	-50.00	40.00	0.00090
-40.00	40.00	0.00092	-30.00	40.00	0.00093
-25.00	40.00	0.00093	-20.00	40.00	0.00091

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:37:33

**MODELOPTs:

PAGE 34

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00090	-15.00	40.00	0.00089
-13.00	40.00	0.00088	-11.00	40.00	0.00086
-9.00	40.00	0.00085	9.00	40.00	0.00068
11.00	40.00	0.00066	13.00	40.00	0.00064
15.00	40.00	0.00062	17.00	40.00	0.00060
20.00	40.00	0.00058	25.00	40.00	0.00054
30.00	40.00	0.00050	40.00	40.00	0.00043
50.00	40.00	0.00038	60.00	40.00	0.00033
70.00	40.00	0.00028	80.00	40.00	0.00025
90.00	40.00	0.00021	100.00	40.00	0.00018
-100.00	50.00	0.00081	-90.00	50.00	0.00085
-80.00	50.00	0.00089	-70.00	50.00	0.00093
-60.00	50.00	0.00097	-50.00	50.00	0.00101
-40.00	50.00	0.00105	-30.00	50.00	0.00107
-25.00	50.00	0.00106	-20.00	50.00	0.00105
-17.00	50.00	0.00104	-15.00	50.00	0.00102
-13.00	50.00	0.00101	-11.00	50.00	0.00099
-9.00	50.00	0.00098	9.00	50.00	0.00077
11.00	50.00	0.00075	13.00	50.00	0.00072
15.00	50.00	0.00070	17.00	50.00	0.00068
20.00	50.00	0.00065	25.00	50.00	0.00060
30.00	50.00	0.00055	40.00	50.00	0.00047
50.00	50.00	0.00041	60.00	50.00	0.00035
70.00	50.00	0.00030	80.00	50.00	0.00025
90.00	50.00	0.00022	100.00	50.00	0.00019
-100.00	60.00	0.00089	-90.00	60.00	0.00094
-80.00	60.00	0.00100	-70.00	60.00	0.00105
-60.00	60.00	0.00109	-50.00	60.00	0.00114
-40.00	60.00	0.00120	-30.00	60.00	0.00123
-25.00	60.00	0.00123	-20.00	60.00	0.00122
-17.00	60.00	0.00120	-15.00	60.00	0.00119
-13.00	60.00	0.00118	-11.00	60.00	0.00116
-9.00	60.00	0.00114	9.00	60.00	0.00088
11.00	60.00	0.00085	13.00	60.00	0.00082
15.00	60.00	0.00079	17.00	60.00	0.00076
20.00	60.00	0.00072	25.00	60.00	0.00067
30.00	60.00	0.00061	40.00	60.00	0.00052
50.00	60.00	0.00044	60.00	60.00	0.00037
70.00	60.00	0.00031	80.00	60.00	0.00026

90.00 60.00 0.00022 100.00 60.00 0.00019

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:
 PAGE 35

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00097	-90.00	70.00	0.00104
-80.00	70.00	0.00111	-70.00	70.00	0.00118
-60.00	70.00	0.00125	-50.00	70.00	0.00131
-40.00	70.00	0.00137	-30.00	70.00	0.00142
-25.00	70.00	0.00143	-20.00	70.00	0.00143
-17.00	70.00	0.00142	-15.00	70.00	0.00140
-13.00	70.00	0.00139	-11.00	70.00	0.00136
-9.00	70.00	0.00134	9.00	70.00	0.00101
11.00	70.00	0.00097	13.00	70.00	0.00093
15.00	70.00	0.00090	17.00	70.00	0.00086
20.00	70.00	0.00082	25.00	70.00	0.00074
30.00	70.00	0.00068	40.00	70.00	0.00057
50.00	70.00	0.00047	60.00	70.00	0.00039
70.00	70.00	0.00032	80.00	70.00	0.00027
90.00	70.00	0.00023	100.00	70.00	0.00020
-100.00	80.00	0.00105	-90.00	80.00	0.00114
-80.00	80.00	0.00124	-70.00	80.00	0.00134
-60.00	80.00	0.00143	-50.00	80.00	0.00151
-40.00	80.00	0.00158	-30.00	80.00	0.00166
-25.00	80.00	0.00168	-20.00	80.00	0.00169
-17.00	80.00	0.00168	-15.00	80.00	0.00167
-13.00	80.00	0.00165	-11.00	80.00	0.00163
-9.00	80.00	0.00160	9.00	80.00	0.00117
11.00	80.00	0.00112	13.00	80.00	0.00107
15.00	80.00	0.00102	17.00	80.00	0.00098
20.00	80.00	0.00092	25.00	80.00	0.00083
30.00	80.00	0.00075	40.00	80.00	0.00061
50.00	80.00	0.00050	60.00	80.00	0.00041
70.00	80.00	0.00034	80.00	80.00	0.00028
90.00	80.00	0.00023	100.00	80.00	0.00020
-100.00	90.00	0.00112	-90.00	90.00	0.00124
-80.00	90.00	0.00137	-70.00	90.00	0.00150
-60.00	90.00	0.00163	-50.00	90.00	0.00175

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-40.00	90.00	0.00185	-30.00	90.00	0.00195
-25.00	90.00	0.00199	-20.00	90.00	0.00201
-17.00	90.00	0.00201	-15.00	90.00	0.00200
-13.00	90.00	0.00199	-11.00	90.00	0.00196
-9.00	90.00	0.00193	9.00	90.00	0.00136
11.00	90.00	0.00129	13.00	90.00	0.00123
15.00	90.00	0.00117	17.00	90.00	0.00112

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00104	25.00	90.00	0.00093
30.00	90.00	0.00083	40.00	90.00	0.00066
50.00	90.00	0.00052	60.00	90.00	0.00042
70.00	90.00	0.00035	80.00	90.00	0.00029
90.00	90.00	0.00024	100.00	90.00	0.00020
-100.00	100.00	0.00120	-90.00	100.00	0.00134
-80.00	100.00	0.00149	-70.00	100.00	0.00166
-60.00	100.00	0.00184	-50.00	100.00	0.00202
-40.00	100.00	0.00218	-30.00	100.00	0.00231
-25.00	100.00	0.00236	-20.00	100.00	0.00240
-17.00	100.00	0.00242	-15.00	100.00	0.00242
-13.00	100.00	0.00241	-11.00	100.00	0.00239
-9.00	100.00	0.00235	9.00	100.00	0.00159
11.00	100.00	0.00150	13.00	100.00	0.00142
15.00	100.00	0.00134	17.00	100.00	0.00127
20.00	100.00	0.00117	25.00	100.00	0.00102
30.00	100.00	0.00090	40.00	100.00	0.00069
50.00	100.00	0.00055	60.00	100.00	0.00044
70.00	100.00	0.00035	80.00	100.00	0.00029
90.00	100.00	0.00024	100.00	100.00	0.00021
-100.00	110.00	0.00125	-90.00	110.00	0.00142
-80.00	110.00	0.00161	-70.00	110.00	0.00182
-60.00	110.00	0.00205	-50.00	110.00	0.00230
-40.00	110.00	0.00255	-30.00	110.00	0.00276
-25.00	110.00	0.00284	-20.00	110.00	0.00289
-17.00	110.00	0.00292	-15.00	110.00	0.00293
-13.00	110.00	0.00294	-11.00	110.00	0.00293

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-9.00	110.00	0.00290	9.00	110.00	0.00185
11.00	110.00	0.00173	13.00	110.00	0.00162
15.00	110.00	0.00152	17.00	110.00	0.00142
20.00	110.00	0.00129	25.00	110.00	0.00111
30.00	110.00	0.00096	40.00	110.00	0.00073
50.00	110.00	0.00057	60.00	110.00	0.00045
70.00	110.00	0.00036	80.00	110.00	0.00030
90.00	110.00	0.00025	100.00	110.00	0.00021
-100.00	120.00	0.00129	-90.00	120.00	0.00148
-80.00	120.00	0.00171	-70.00	120.00	0.00196
-60.00	120.00	0.00224	-50.00	120.00	0.00256
-40.00	120.00	0.00290	-30.00	120.00	0.00324
-25.00	120.00	0.00339	-20.00	120.00	0.00352

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00357	-15.00	120.00	0.00360
-13.00	120.00	0.00362	-11.00	120.00	0.00363
-9.00	120.00	0.00362	9.00	120.00	0.00214
11.00	120.00	0.00197	13.00	120.00	0.00181
15.00	120.00	0.00168	17.00	120.00	0.00155
20.00	120.00	0.00140	25.00	120.00	0.00118
30.00	120.00	0.00101	40.00	120.00	0.00076
50.00	120.00	0.00059	60.00	120.00	0.00046
70.00	120.00	0.00038	80.00	120.00	0.00031
90.00	120.00	0.00026	100.00	120.00	0.00022
-100.00	130.00	0.00130	-90.00	130.00	0.00151
-80.00	130.00	0.00176	-70.00	130.00	0.00205
-60.00	130.00	0.00238	-50.00	130.00	0.00277
-40.00	130.00	0.00321	-30.00	130.00	0.00368
-25.00	130.00	0.00392	-20.00	130.00	0.00416
-17.00	130.00	0.00431	-15.00	130.00	0.00441
-13.00	130.00	0.00450	-11.00	130.00	0.00461
-9.00	130.00	0.00471	9.00	130.00	0.00239
11.00	130.00	0.00216	13.00	130.00	0.00196
15.00	130.00	0.00180	17.00	130.00	0.00167
20.00	130.00	0.00149	25.00	130.00	0.00125

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

30.00	130.00	0.00107	40.00	130.00	0.00080
50.00	130.00	0.00062	60.00	130.00	0.00049
70.00	130.00	0.00040	80.00	130.00	0.00033
90.00	130.00	0.00028	100.00	130.00	0.00024
-100.00	140.00	0.00128	-90.00	140.00	0.00150
-80.00	140.00	0.00176	-70.00	140.00	0.00207
-60.00	140.00	0.00244	-50.00	140.00	0.00287
-40.00	140.00	0.00336	-30.00	140.00	0.00391
-25.00	140.00	0.00421	-20.00	140.00	0.00454
-17.00	140.00	0.00476	-15.00	140.00	0.00491
-13.00	140.00	0.00508	-11.00	140.00	0.00530
-9.00	140.00	0.00556	9.00	140.00	0.00288
11.00	140.00	0.00255	13.00	140.00	0.00230
15.00	140.00	0.00209	17.00	140.00	0.00192
20.00	140.00	0.00171	25.00	140.00	0.00142
30.00	140.00	0.00120	40.00	140.00	0.00089
50.00	140.00	0.00068	60.00	140.00	0.00053
70.00	140.00	0.00043	80.00	140.00	0.00036
90.00	140.00	0.00030	100.00	140.00	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00124	-90.00	150.00	0.00145
-80.00	150.00	0.00172	-70.00	150.00	0.00204
-60.00	150.00	0.00243	-50.00	150.00	0.00288
-40.00	150.00	0.00338	-30.00	150.00	0.00395
-25.00	150.00	0.00426	-20.00	150.00	0.00459
-17.00	150.00	0.00483	-15.00	150.00	0.00501
-13.00	150.00	0.00523	-11.00	150.00	0.00551
-9.00	150.00	0.00593	9.00	150.00	0.00393
11.00	150.00	0.00342	13.00	150.00	0.00302
15.00	150.00	0.00271	17.00	150.00	0.00244
20.00	150.00	0.00212	25.00	150.00	0.00171
30.00	150.00	0.00142	40.00	150.00	0.00102
50.00	150.00	0.00077	60.00	150.00	0.00060
70.00	150.00	0.00048	80.00	150.00	0.00039
90.00	150.00	0.00033	100.00	150.00	0.00028

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-100.00	160.00	0.00118	-90.00	160.00	0.00138
-80.00	160.00	0.00164	-70.00	160.00	0.00195
-60.00	160.00	0.00233	-50.00	160.00	0.00279
-40.00	160.00	0.00330	-30.00	160.00	0.00387
-25.00	160.00	0.00419	-20.00	160.00	0.00458
-17.00	160.00	0.00489	-15.00	160.00	0.00514
-13.00	160.00	0.00547	-11.00	160.00	0.00590
-9.00	160.00	0.00652	9.00	160.00	0.00481
11.00	160.00	0.00420	13.00	160.00	0.00373
15.00	160.00	0.00334	17.00	160.00	0.00300
20.00	160.00	0.00259	25.00	160.00	0.00206
30.00	160.00	0.00168	40.00	160.00	0.00118
50.00	160.00	0.00087	60.00	160.00	0.00067
70.00	160.00	0.00054	80.00	160.00	0.00044
90.00	160.00	0.00036	100.00	160.00	0.00031
-100.00	170.00	0.00110	-90.00	170.00	0.00129
-80.00	170.00	0.00152	-70.00	170.00	0.00181
-60.00	170.00	0.00217	-50.00	170.00	0.00262
-40.00	170.00	0.00313	-30.00	170.00	0.00374
-25.00	170.00	0.00410	-20.00	170.00	0.00458
-17.00	170.00	0.00497	-15.00	170.00	0.00531
-13.00	170.00	0.00574	-11.00	170.00	0.00630
-9.00	170.00	0.00705	9.00	170.00	0.00545
11.00	170.00	0.00478	13.00	170.00	0.00425
15.00	170.00	0.00382	17.00	170.00	0.00346

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00299	25.00	170.00	0.00239
30.00	170.00	0.00194	40.00	170.00	0.00135
50.00	170.00	0.00099	60.00	170.00	0.00076
70.00	170.00	0.00060	80.00	170.00	0.00048
90.00	170.00	0.00040	100.00	170.00	0.00034
-100.00	180.00	0.00100	-90.00	180.00	0.00117
-80.00	180.00	0.00138	-70.00	180.00	0.00164
-60.00	180.00	0.00197	-50.00	180.00	0.00238
-40.00	180.00	0.00291	-30.00	180.00	0.00356

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-25.00	180.00	0.00397	-20.00	180.00	0.00454
-17.00	180.00	0.00501	-15.00	180.00	0.00541
-13.00	180.00	0.00591	-11.00	180.00	0.00655
-9.00	180.00	0.00737	9.00	180.00	0.00588
11.00	180.00	0.00518	13.00	180.00	0.00462
15.00	180.00	0.00416	17.00	180.00	0.00377
20.00	180.00	0.00329	25.00	180.00	0.00266
30.00	180.00	0.00218	40.00	180.00	0.00152
50.00	180.00	0.00111	60.00	180.00	0.00085
70.00	180.00	0.00066	80.00	180.00	0.00054
90.00	180.00	0.00044	100.00	180.00	0.00037
-100.00	190.00	0.00089	-90.00	190.00	0.00104
-80.00	190.00	0.00122	-70.00	190.00	0.00145
-60.00	190.00	0.00174	-50.00	190.00	0.00211
-40.00	190.00	0.00261	-30.00	190.00	0.00330
-25.00	190.00	0.00377	-20.00	190.00	0.00440
-17.00	190.00	0.00493	-15.00	190.00	0.00537
-13.00	190.00	0.00592	-11.00	190.00	0.00660
-9.00	190.00	0.00746	9.00	190.00	0.00615
11.00	190.00	0.00543	13.00	190.00	0.00487
15.00	190.00	0.00440	17.00	190.00	0.00400
20.00	190.00	0.00349	25.00	190.00	0.00285
30.00	190.00	0.00237	40.00	190.00	0.00168
50.00	190.00	0.00123	60.00	190.00	0.00094
70.00	190.00	0.00073	80.00	190.00	0.00059
90.00	190.00	0.00048	100.00	190.00	0.00040
-100.00	200.00	0.00078	-90.00	200.00	0.00090
-80.00	200.00	0.00105	-70.00	200.00	0.00124
-60.00	200.00	0.00149	-50.00	200.00	0.00182
-40.00	200.00	0.00227	-30.00	200.00	0.00294
-25.00	200.00	0.00344	-20.00	200.00	0.00413

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00469	-15.00	200.00	0.00516
-13.00	200.00	0.00572	-11.00	200.00	0.00642
-9.00	200.00	0.00731	9.00	200.00	0.00627

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

11.00	200.00	0.00555	13.00	200.00	0.00500
15.00	200.00	0.00454	17.00	200.00	0.00414
20.00	200.00	0.00365	25.00	200.00	0.00300
30.00	200.00	0.00251	40.00	200.00	0.00181
50.00	200.00	0.00135	60.00	200.00	0.00102
70.00	200.00	0.00080	80.00	200.00	0.00064
90.00	200.00	0.00052	100.00	200.00	0.00043
-100.00	210.00	0.00067	-90.00	210.00	0.00077
-80.00	210.00	0.00089	-70.00	210.00	0.00105
-60.00	210.00	0.00125	-50.00	210.00	0.00152
-40.00	210.00	0.00190	-30.00	210.00	0.00251
-25.00	210.00	0.00299	-20.00	210.00	0.00367
-17.00	210.00	0.00425	-15.00	210.00	0.00472
-13.00	210.00	0.00529	-11.00	210.00	0.00600
-9.00	210.00	0.00688	9.00	210.00	0.00628
11.00	210.00	0.00559	13.00	210.00	0.00506
15.00	210.00	0.00462	17.00	210.00	0.00424
20.00	210.00	0.00376	25.00	210.00	0.00312
30.00	210.00	0.00263	40.00	210.00	0.00192
50.00	210.00	0.00144	60.00	210.00	0.00110
70.00	210.00	0.00086	80.00	210.00	0.00069
90.00	210.00	0.00056	100.00	210.00	0.00046
-100.00	220.00	0.00058	-90.00	220.00	0.00066
-80.00	220.00	0.00076	-70.00	220.00	0.00088
-60.00	220.00	0.00104	-50.00	220.00	0.00126
-40.00	220.00	0.00158	-30.00	220.00	0.00210
-25.00	220.00	0.00252	-20.00	220.00	0.00313
-17.00	220.00	0.00364	-15.00	220.00	0.00406
-13.00	220.00	0.00457	-11.00	220.00	0.00521
-9.00	220.00	0.00602	9.00	220.00	0.00625
11.00	220.00	0.00562	13.00	220.00	0.00509
15.00	220.00	0.00467	17.00	220.00	0.00431
20.00	220.00	0.00383	25.00	220.00	0.00320
30.00	220.00	0.00270	40.00	220.00	0.00199
50.00	220.00	0.00150	60.00	220.00	0.00116
70.00	220.00	0.00091	80.00	220.00	0.00072
90.00	220.00	0.00059	100.00	220.00	0.00049

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

03NCRA_NAPA97-300 DPM TRAV ANN N-S Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	230.00	0.00051	-90.00	230.00	0.00057	
-80.00	230.00	0.00066	-70.00	230.00	0.00076	
-60.00	230.00	0.00089	-50.00	230.00	0.00108	
-40.00	230.00	0.00137	-30.00	230.00	0.00185	
-25.00	230.00	0.00224	-20.00	230.00	0.00280	
-17.00	230.00	0.00326	-15.00	230.00	0.00363	
-13.00	230.00	0.00408	-11.00	230.00	0.00462	
-9.00	230.00	0.00528	9.00	230.00	0.00586	
11.00	230.00	0.00536	13.00	230.00	0.00491	
15.00	230.00	0.00452	17.00	230.00	0.00418	
20.00	230.00	0.00373	25.00	230.00	0.00313	
30.00	230.00	0.00266	40.00	230.00	0.00198	
50.00	230.00	0.00152	60.00	230.00	0.00118	
70.00	230.00	0.00093	80.00	230.00	0.00075	
90.00	230.00	0.00061	100.00	230.00	0.00051	
-100.00	240.00	0.00045	-90.00	240.00	0.00050	
-80.00	240.00	0.00057	-70.00	240.00	0.00067	
-60.00	240.00	0.00079	-50.00	240.00	0.00097	
-40.00	240.00	0.00125	-30.00	240.00	0.00175	
-25.00	240.00	0.00215	-20.00	240.00	0.00272	
-17.00	240.00	0.00318	-15.00	240.00	0.00354	
-13.00	240.00	0.00396	-11.00	240.00	0.00443	
-9.00	240.00	0.00493	9.00	240.00	0.00486	
11.00	240.00	0.00454	13.00	240.00	0.00425	
15.00	240.00	0.00398	17.00	240.00	0.00373	
20.00	240.00	0.00339	25.00	240.00	0.00291	
30.00	240.00	0.00251	40.00	240.00	0.00191	
50.00	240.00	0.00149	60.00	240.00	0.00117	
70.00	240.00	0.00094	80.00	240.00	0.00076	
90.00	240.00	0.00062	100.00	240.00	0.00052	
-100.00	250.00	0.00040	-90.00	250.00	0.00045	
-80.00	250.00	0.00051	-70.00	250.00	0.00060	
-60.00	250.00	0.00072	-50.00	250.00	0.00091	
-40.00	250.00	0.00120	-30.00	250.00	0.00172	
-25.00	250.00	0.00211	-20.00	250.00	0.00264	
-17.00	250.00	0.00303	-15.00	250.00	0.00333	
-13.00	250.00	0.00364	-11.00	250.00	0.00396	
-9.00	250.00	0.00427	9.00	250.00	0.00399	
11.00	250.00	0.00377	13.00	250.00	0.00356	
15.00	250.00	0.00337	17.00	250.00	0.00319	

04/20/08

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

*** Maximum train overlap at North/South Bound Direction

16:37:33

**MODELOPTs:
PAGE 42

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00295	25.00	250.00	0.00260
30.00	250.00	0.00229	40.00	250.00	0.00180
50.00	250.00	0.00143	60.00	250.00	0.00115
70.00	250.00	0.00093	80.00	250.00	0.00076
90.00	250.00	0.00063	100.00	250.00	0.00052

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:37:33

**MODELOPTs:
PAGE 43

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00018	-90.00	-250.00	0.00018
-80.00	-250.00	0.00018	-70.00	-250.00	0.00018
-60.00	-250.00	0.00018	-50.00	-250.00	0.00018
-40.00	-250.00	0.00017	-30.00	-250.00	0.00017
-25.00	-250.00	0.00016	-20.00	-250.00	0.00016
-17.00	-250.00	0.00016	-15.00	-250.00	0.00016
-13.00	-250.00	0.00016	-11.00	-250.00	0.00016
-9.00	-250.00	0.00015	9.00	-250.00	0.00014
11.00	-250.00	0.00014	13.00	-250.00	0.00014
15.00	-250.00	0.00014	17.00	-250.00	0.00014
20.00	-250.00	0.00013	25.00	-250.00	0.00013
30.00	-250.00	0.00013	40.00	-250.00	0.00012
50.00	-250.00	0.00011	60.00	-250.00	0.00011
70.00	-250.00	0.00010	80.00	-250.00	0.00009
90.00	-250.00	0.00009	100.00	-250.00	0.00008
-100.00	-240.00	0.00019	-90.00	-240.00	0.00019
-80.00	-240.00	0.00019	-70.00	-240.00	0.00019
-60.00	-240.00	0.00019	-50.00	-240.00	0.00019
-40.00	-240.00	0.00018	-30.00	-240.00	0.00018
-25.00	-240.00	0.00017	-20.00	-240.00	0.00017

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-17.00	-240.00	0.00017	-15.00	-240.00	0.00017
-13.00	-240.00	0.00017	-11.00	-240.00	0.00016
-9.00	-240.00	0.00016	9.00	-240.00	0.00015
11.00	-240.00	0.00015	13.00	-240.00	0.00015
15.00	-240.00	0.00014	17.00	-240.00	0.00014
20.00	-240.00	0.00014	25.00	-240.00	0.00014
30.00	-240.00	0.00013	40.00	-240.00	0.00012
50.00	-240.00	0.00012	60.00	-240.00	0.00011
70.00	-240.00	0.00010	80.00	-240.00	0.00010
90.00	-240.00	0.00009	100.00	-240.00	0.00009
-100.00	-230.00	0.00020	-90.00	-230.00	0.00020
-80.00	-230.00	0.00020	-70.00	-230.00	0.00020
-60.00	-230.00	0.00020	-50.00	-230.00	0.00020
-40.00	-230.00	0.00019	-30.00	-230.00	0.00019
-25.00	-230.00	0.00019	-20.00	-230.00	0.00018
-17.00	-230.00	0.00018	-15.00	-230.00	0.00018
-13.00	-230.00	0.00018	-11.00	-230.00	0.00017
-9.00	-230.00	0.00017	9.00	-230.00	0.00016
11.00	-230.00	0.00016	13.00	-230.00	0.00015
15.00	-230.00	0.00015	17.00	-230.00	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTS:
 PAGE 44

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00015	25.00	-230.00	0.00014
30.00	-230.00	0.00014	40.00	-230.00	0.00013
50.00	-230.00	0.00012	60.00	-230.00	0.00012
70.00	-230.00	0.00011	80.00	-230.00	0.00010
90.00	-230.00	0.00010	100.00	-230.00	0.00009
-100.00	-220.00	0.00021	-90.00	-220.00	0.00021
-80.00	-220.00	0.00022	-70.00	-220.00	0.00022
-60.00	-220.00	0.00021	-50.00	-220.00	0.00021
-40.00	-220.00	0.00021	-30.00	-220.00	0.00020
-25.00	-220.00	0.00020	-20.00	-220.00	0.00019
-17.00	-220.00	0.00019	-15.00	-220.00	0.00019
-13.00	-220.00	0.00019	-11.00	-220.00	0.00019
-9.00	-220.00	0.00018	9.00	-220.00	0.00017
11.00	-220.00	0.00016	13.00	-220.00	0.00016

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

15.00	-220.00	0.00016	17.00	-220.00	0.00016
20.00	-220.00	0.00016	25.00	-220.00	0.00015
30.00	-220.00	0.00015	40.00	-220.00	0.00014
50.00	-220.00	0.00013	60.00	-220.00	0.00012
70.00	-220.00	0.00011	80.00	-220.00	0.00011
90.00	-220.00	0.00010	100.00	-220.00	0.00009
-100.00	-210.00	0.00022	-90.00	-210.00	0.00023
-80.00	-210.00	0.00023	-70.00	-210.00	0.00023
-60.00	-210.00	0.00023	-50.00	-210.00	0.00022
-40.00	-210.00	0.00022	-30.00	-210.00	0.00021
-25.00	-210.00	0.00021	-20.00	-210.00	0.00021
-17.00	-210.00	0.00020	-15.00	-210.00	0.00020
-13.00	-210.00	0.00020	-11.00	-210.00	0.00020
-9.00	-210.00	0.00020	9.00	-210.00	0.00018
11.00	-210.00	0.00017	13.00	-210.00	0.00017
15.00	-210.00	0.00017	17.00	-210.00	0.00017
20.00	-210.00	0.00016	25.00	-210.00	0.00016
30.00	-210.00	0.00015	40.00	-210.00	0.00014
50.00	-210.00	0.00014	60.00	-210.00	0.00013
70.00	-210.00	0.00012	80.00	-210.00	0.00011
90.00	-210.00	0.00011	100.00	-210.00	0.00010
-100.00	-200.00	0.00024	-90.00	-200.00	0.00024
-80.00	-200.00	0.00024	-70.00	-200.00	0.00024
-60.00	-200.00	0.00024	-50.00	-200.00	0.00024
-40.00	-200.00	0.00023	-30.00	-200.00	0.00023
-25.00	-200.00	0.00022	-20.00	-200.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTS:
 PAGE 45
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00022	-15.00	-200.00	0.00021
-13.00	-200.00	0.00021	-11.00	-200.00	0.00021
-9.00	-200.00	0.00021	9.00	-200.00	0.00019
11.00	-200.00	0.00019	13.00	-200.00	0.00018
15.00	-200.00	0.00018	17.00	-200.00	0.00018
20.00	-200.00	0.00017	25.00	-200.00	0.00017
30.00	-200.00	0.00016	40.00	-200.00	0.00015
50.00	-200.00	0.00014	60.00	-200.00	0.00013

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

70.00	-200.00	0.00012	80.00	-200.00	0.00012
90.00	-200.00	0.00011	100.00	-200.00	0.00010
-100.00	-190.00	0.00025	-90.00	-190.00	0.00026
-80.00	-190.00	0.00026	-70.00	-190.00	0.00026
-60.00	-190.00	0.00026	-50.00	-190.00	0.00026
-40.00	-190.00	0.00025	-30.00	-190.00	0.00024
-25.00	-190.00	0.00024	-20.00	-190.00	0.00024
-17.00	-190.00	0.00023	-15.00	-190.00	0.00023
-13.00	-190.00	0.00023	-11.00	-190.00	0.00023
-9.00	-190.00	0.00022	9.00	-190.00	0.00020
11.00	-190.00	0.00020	13.00	-190.00	0.00019
15.00	-190.00	0.00019	17.00	-190.00	0.00019
20.00	-190.00	0.00019	25.00	-190.00	0.00018
30.00	-190.00	0.00017	40.00	-190.00	0.00016
50.00	-190.00	0.00015	60.00	-190.00	0.00014
70.00	-190.00	0.00013	80.00	-190.00	0.00012
90.00	-190.00	0.00011	100.00	-190.00	0.00011
-100.00	-180.00	0.00027	-90.00	-180.00	0.00027
-80.00	-180.00	0.00028	-70.00	-180.00	0.00028
-60.00	-180.00	0.00028	-50.00	-180.00	0.00027
-40.00	-180.00	0.00027	-30.00	-180.00	0.00026
-25.00	-180.00	0.00026	-20.00	-180.00	0.00025
-17.00	-180.00	0.00025	-15.00	-180.00	0.00025
-13.00	-180.00	0.00024	-11.00	-180.00	0.00024
-9.00	-180.00	0.00024	9.00	-180.00	0.00021
11.00	-180.00	0.00021	13.00	-180.00	0.00021
15.00	-180.00	0.00020	17.00	-180.00	0.00020
20.00	-180.00	0.00020	25.00	-180.00	0.00019
30.00	-180.00	0.00018	40.00	-180.00	0.00017
50.00	-180.00	0.00016	60.00	-180.00	0.00015
70.00	-180.00	0.00014	80.00	-180.00	0.00013
90.00	-180.00	0.00012	100.00	-180.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTS:
 PAGE 46
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00029	-90.00	-170.00	0.00029
-80.00	-170.00	0.00030	-70.00	-170.00	0.00030

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-60.00	-170.00	0.00030	-50.00	-170.00	0.00030
-40.00	-170.00	0.00029	-30.00	-170.00	0.00028
-25.00	-170.00	0.00028	-20.00	-170.00	0.00027
-17.00	-170.00	0.00027	-15.00	-170.00	0.00027
-13.00	-170.00	0.00026	-11.00	-170.00	0.00026
-9.00	-170.00	0.00026	9.00	-170.00	0.00023
11.00	-170.00	0.00023	13.00	-170.00	0.00022
15.00	-170.00	0.00022	17.00	-170.00	0.00022
20.00	-170.00	0.00021	25.00	-170.00	0.00020
30.00	-170.00	0.00019	40.00	-170.00	0.00018
50.00	-170.00	0.00017	60.00	-170.00	0.00016
70.00	-170.00	0.00014	80.00	-170.00	0.00013
90.00	-170.00	0.00013	100.00	-170.00	0.00012
-100.00	-160.00	0.00030	-90.00	-160.00	0.00031
-80.00	-160.00	0.00032	-70.00	-160.00	0.00032
-60.00	-160.00	0.00032	-50.00	-160.00	0.00032
-40.00	-160.00	0.00031	-30.00	-160.00	0.00030
-25.00	-160.00	0.00030	-20.00	-160.00	0.00029
-17.00	-160.00	0.00029	-15.00	-160.00	0.00029
-13.00	-160.00	0.00028	-11.00	-160.00	0.00028
-9.00	-160.00	0.00028	9.00	-160.00	0.00025
11.00	-160.00	0.00024	13.00	-160.00	0.00024
15.00	-160.00	0.00023	17.00	-160.00	0.00023
20.00	-160.00	0.00022	25.00	-160.00	0.00022
30.00	-160.00	0.00021	40.00	-160.00	0.00019
50.00	-160.00	0.00018	60.00	-160.00	0.00016
70.00	-160.00	0.00015	80.00	-160.00	0.00014
90.00	-160.00	0.00013	100.00	-160.00	0.00012
-100.00	-150.00	0.00032	-90.00	-150.00	0.00033
-80.00	-150.00	0.00034	-70.00	-150.00	0.00034
-60.00	-150.00	0.00035	-50.00	-150.00	0.00034
-40.00	-150.00	0.00034	-30.00	-150.00	0.00033
-25.00	-150.00	0.00032	-20.00	-150.00	0.00032
-17.00	-150.00	0.00031	-15.00	-150.00	0.00031
-13.00	-150.00	0.00031	-11.00	-150.00	0.00030
-9.00	-150.00	0.00030	9.00	-150.00	0.00026
11.00	-150.00	0.00026	13.00	-150.00	0.00026
15.00	-150.00	0.00025	17.00	-150.00	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTS:
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

03NCRA NAPA97-300_DPM_TRAV_ANN N-S Bound
 INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	-150.00	0.00024	25.00	-150.00	0.00023	
30.00	-150.00	0.00022	40.00	-150.00	0.00020	
50.00	-150.00	0.00019	60.00	-150.00	0.00017	
70.00	-150.00	0.00016	80.00	-150.00	0.00015	
90.00	-150.00	0.00014	100.00	-150.00	0.00013	
-100.00	-140.00	0.00035	-90.00	-140.00	0.00036	
-80.00	-140.00	0.00036	-70.00	-140.00	0.00037	
-60.00	-140.00	0.00037	-50.00	-140.00	0.00037	
-40.00	-140.00	0.00037	-30.00	-140.00	0.00036	
-25.00	-140.00	0.00035	-20.00	-140.00	0.00035	
-17.00	-140.00	0.00034	-15.00	-140.00	0.00034	
-13.00	-140.00	0.00033	-11.00	-140.00	0.00033	
-9.00	-140.00	0.00032	9.00	-140.00	0.00028	
11.00	-140.00	0.00028	13.00	-140.00	0.00028	
15.00	-140.00	0.00027	17.00	-140.00	0.00027	
20.00	-140.00	0.00026	25.00	-140.00	0.00025	
30.00	-140.00	0.00024	40.00	-140.00	0.00022	
50.00	-140.00	0.00020	60.00	-140.00	0.00018	
70.00	-140.00	0.00017	80.00	-140.00	0.00016	
90.00	-140.00	0.00014	100.00	-140.00	0.00013	
-100.00	-130.00	0.00037	-90.00	-130.00	0.00038	
-80.00	-130.00	0.00039	-70.00	-130.00	0.00040	
-60.00	-130.00	0.00040	-50.00	-130.00	0.00041	
-40.00	-130.00	0.00040	-30.00	-130.00	0.00039	
-25.00	-130.00	0.00038	-20.00	-130.00	0.00038	
-17.00	-130.00	0.00037	-15.00	-130.00	0.00037	
-13.00	-130.00	0.00036	-11.00	-130.00	0.00036	
-9.00	-130.00	0.00035	9.00	-130.00	0.00031	
11.00	-130.00	0.00030	13.00	-130.00	0.00030	
15.00	-130.00	0.00029	17.00	-130.00	0.00029	
20.00	-130.00	0.00028	25.00	-130.00	0.00027	
30.00	-130.00	0.00025	40.00	-130.00	0.00023	
50.00	-130.00	0.00021	60.00	-130.00	0.00020	
70.00	-130.00	0.00018	80.00	-130.00	0.00017	
90.00	-130.00	0.00015	100.00	-130.00	0.00014	
-100.00	-120.00	0.00040	-90.00	-120.00	0.00041	
-80.00	-120.00	0.00042	-70.00	-120.00	0.00043	
-60.00	-120.00	0.00044	-50.00	-120.00	0.00044	
-40.00	-120.00	0.00044	-30.00	-120.00	0.00043	
-25.00	-120.00	0.00042	-20.00	-120.00	0.00041	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:37:33

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00041	-15.00	-120.00	0.00040
-13.00	-120.00	0.00040	-11.00	-120.00	0.00039
-9.00	-120.00	0.00039	9.00	-120.00	0.00033
11.00	-120.00	0.00033	13.00	-120.00	0.00032
15.00	-120.00	0.00032	17.00	-120.00	0.00031
20.00	-120.00	0.00030	25.00	-120.00	0.00029
30.00	-120.00	0.00027	40.00	-120.00	0.00025
50.00	-120.00	0.00023	60.00	-120.00	0.00021
70.00	-120.00	0.00019	80.00	-120.00	0.00017
90.00	-120.00	0.00016	100.00	-120.00	0.00015
-100.00	-110.00	0.00043	-90.00	-110.00	0.00044
-80.00	-110.00	0.00046	-70.00	-110.00	0.00047
-60.00	-110.00	0.00048	-50.00	-110.00	0.00048
-40.00	-110.00	0.00048	-30.00	-110.00	0.00047
-25.00	-110.00	0.00046	-20.00	-110.00	0.00045
-17.00	-110.00	0.00045	-15.00	-110.00	0.00044
-13.00	-110.00	0.00044	-11.00	-110.00	0.00043
-9.00	-110.00	0.00043	9.00	-110.00	0.00036
11.00	-110.00	0.00036	13.00	-110.00	0.00035
15.00	-110.00	0.00034	17.00	-110.00	0.00034
20.00	-110.00	0.00033	25.00	-110.00	0.00031
30.00	-110.00	0.00030	40.00	-110.00	0.00027
50.00	-110.00	0.00024	60.00	-110.00	0.00022
70.00	-110.00	0.00020	80.00	-110.00	0.00018
90.00	-110.00	0.00017	100.00	-110.00	0.00015
-100.00	-100.00	0.00047	-90.00	-100.00	0.00048
-80.00	-100.00	0.00050	-70.00	-100.00	0.00051
-60.00	-100.00	0.00052	-50.00	-100.00	0.00053
-40.00	-100.00	0.00053	-30.00	-100.00	0.00052
-25.00	-100.00	0.00051	-20.00	-100.00	0.00050
-17.00	-100.00	0.00049	-15.00	-100.00	0.00049
-13.00	-100.00	0.00048	-11.00	-100.00	0.00048
-9.00	-100.00	0.00047	9.00	-100.00	0.00040
11.00	-100.00	0.00039	13.00	-100.00	0.00038

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

15.00	-100.00	0.00038	17.00	-100.00	0.00037
20.00	-100.00	0.00036	25.00	-100.00	0.00034
30.00	-100.00	0.00032	40.00	-100.00	0.00029
50.00	-100.00	0.00026	60.00	-100.00	0.00024
70.00	-100.00	0.00021	80.00	-100.00	0.00019
90.00	-100.00	0.00017	100.00	-100.00	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

PAGE 49

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00050	-90.00	-90.00	0.00052
-80.00	-90.00	0.00054	-70.00	-90.00	0.00056
-60.00	-90.00	0.00057	-50.00	-90.00	0.00059
-40.00	-90.00	0.00059	-30.00	-90.00	0.00058
-25.00	-90.00	0.00057	-20.00	-90.00	0.00056
-17.00	-90.00	0.00055	-15.00	-90.00	0.00054
-13.00	-90.00	0.00054	-11.00	-90.00	0.00053
-9.00	-90.00	0.00052	9.00	-90.00	0.00044
11.00	-90.00	0.00043	13.00	-90.00	0.00042
15.00	-90.00	0.00041	17.00	-90.00	0.00040
20.00	-90.00	0.00039	25.00	-90.00	0.00037
30.00	-90.00	0.00035	40.00	-90.00	0.00031
50.00	-90.00	0.00028	60.00	-90.00	0.00025
70.00	-90.00	0.00023	80.00	-90.00	0.00020
90.00	-90.00	0.00018	100.00	-90.00	0.00016
-100.00	-80.00	0.00055	-90.00	-80.00	0.00057
-80.00	-80.00	0.00059	-70.00	-80.00	0.00061
-60.00	-80.00	0.00063	-50.00	-80.00	0.00065
-40.00	-80.00	0.00065	-30.00	-80.00	0.00065
-25.00	-80.00	0.00064	-20.00	-80.00	0.00062
-17.00	-80.00	0.00061	-15.00	-80.00	0.00061
-13.00	-80.00	0.00060	-11.00	-80.00	0.00059
-9.00	-80.00	0.00058	9.00	-80.00	0.00049
11.00	-80.00	0.00047	13.00	-80.00	0.00046
15.00	-80.00	0.00045	17.00	-80.00	0.00044
20.00	-80.00	0.00043	25.00	-80.00	0.00040
30.00	-80.00	0.00038	40.00	-80.00	0.00034
50.00	-80.00	0.00030	60.00	-80.00	0.00027

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

70.00	-80.00	0.00024	80.00	-80.00	0.00021
90.00	-80.00	0.00019	100.00	-80.00	0.00017
-100.00	-70.00	0.00060	-90.00	-70.00	0.00062
-80.00	-70.00	0.00065	-70.00	-70.00	0.00067
-60.00	-70.00	0.00070	-50.00	-70.00	0.00072
-40.00	-70.00	0.00073	-30.00	-70.00	0.00073
-25.00	-70.00	0.00072	-20.00	-70.00	0.00070
-17.00	-70.00	0.00069	-15.00	-70.00	0.00068
-13.00	-70.00	0.00067	-11.00	-70.00	0.00067
-9.00	-70.00	0.00065	9.00	-70.00	0.00054
11.00	-70.00	0.00053	13.00	-70.00	0.00051
15.00	-70.00	0.00050	17.00	-70.00	0.00049

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:
 PAGE 50

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00047	25.00	-70.00	0.00044
30.00	-70.00	0.00041	40.00	-70.00	0.00037
50.00	-70.00	0.00032	60.00	-70.00	0.00029
70.00	-70.00	0.00026	80.00	-70.00	0.00023
90.00	-70.00	0.00020	100.00	-70.00	0.00017
-100.00	-60.00	0.00066	-90.00	-60.00	0.00069
-80.00	-60.00	0.00072	-70.00	-60.00	0.00074
-60.00	-60.00	0.00077	-50.00	-60.00	0.00080
-40.00	-60.00	0.00082	-30.00	-60.00	0.00082
-25.00	-60.00	0.00081	-20.00	-60.00	0.00080
-17.00	-60.00	0.00079	-15.00	-60.00	0.00078
-13.00	-60.00	0.00077	-11.00	-60.00	0.00075
-9.00	-60.00	0.00074	9.00	-60.00	0.00060
11.00	-60.00	0.00059	13.00	-60.00	0.00057
15.00	-60.00	0.00056	17.00	-60.00	0.00054
20.00	-60.00	0.00052	25.00	-60.00	0.00049
30.00	-60.00	0.00045	40.00	-60.00	0.00040
50.00	-60.00	0.00035	60.00	-60.00	0.00031
70.00	-60.00	0.00027	80.00	-60.00	0.00024
90.00	-60.00	0.00021	100.00	-60.00	0.00018
-100.00	-50.00	0.00073	-90.00	-50.00	0.00076
-80.00	-50.00	0.00079	-70.00	-50.00	0.00083

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-60.00	-50.00	0.00086	-50.00	-50.00	0.00090
-40.00	-50.00	0.00092	-30.00	-50.00	0.00093
-25.00	-50.00	0.00093	-20.00	-50.00	0.00091
-17.00	-50.00	0.00090	-15.00	-50.00	0.00089
-13.00	-50.00	0.00088	-11.00	-50.00	0.00086
-9.00	-50.00	0.00085	9.00	-50.00	0.00068
11.00	-50.00	0.00066	13.00	-50.00	0.00064
15.00	-50.00	0.00062	17.00	-50.00	0.00060
20.00	-50.00	0.00058	25.00	-50.00	0.00054
30.00	-50.00	0.00050	40.00	-50.00	0.00043
50.00	-50.00	0.00038	60.00	-50.00	0.00033
70.00	-50.00	0.00028	80.00	-50.00	0.00025
90.00	-50.00	0.00021	100.00	-50.00	0.00018
-100.00	-40.00	0.00081	-90.00	-40.00	0.00085
-80.00	-40.00	0.00089	-70.00	-40.00	0.00093
-60.00	-40.00	0.00097	-50.00	-40.00	0.00101
-40.00	-40.00	0.00105	-30.00	-40.00	0.00107
-25.00	-40.00	0.00106	-20.00	-40.00	0.00105

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00104	-15.00	-40.00	0.00102
-13.00	-40.00	0.00101	-11.00	-40.00	0.00099
-9.00	-40.00	0.00098	9.00	-40.00	0.00077
11.00	-40.00	0.00075	13.00	-40.00	0.00072
15.00	-40.00	0.00070	17.00	-40.00	0.00068
20.00	-40.00	0.00065	25.00	-40.00	0.00060
30.00	-40.00	0.00055	40.00	-40.00	0.00047
50.00	-40.00	0.00041	60.00	-40.00	0.00035
70.00	-40.00	0.00030	80.00	-40.00	0.00025
90.00	-40.00	0.00022	100.00	-40.00	0.00019
-100.00	-30.00	0.00089	-90.00	-30.00	0.00094
-80.00	-30.00	0.00100	-70.00	-30.00	0.00105
-60.00	-30.00	0.00109	-50.00	-30.00	0.00114
-40.00	-30.00	0.00120	-30.00	-30.00	0.00123
-25.00	-30.00	0.00123	-20.00	-30.00	0.00122
-17.00	-30.00	0.00120	-15.00	-30.00	0.00119

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-13.00	-30.00	0.00118	-11.00	-30.00	0.00116
-9.00	-30.00	0.00114	9.00	-30.00	0.00088
11.00	-30.00	0.00085	13.00	-30.00	0.00082
15.00	-30.00	0.00079	17.00	-30.00	0.00076
20.00	-30.00	0.00072	25.00	-30.00	0.00067
30.00	-30.00	0.00061	40.00	-30.00	0.00052
50.00	-30.00	0.00044	60.00	-30.00	0.00037
70.00	-30.00	0.00031	80.00	-30.00	0.00026
90.00	-30.00	0.00022	100.00	-30.00	0.00019
-100.00	-20.00	0.00097	-90.00	-20.00	0.00104
-80.00	-20.00	0.00111	-70.00	-20.00	0.00118
-60.00	-20.00	0.00125	-50.00	-20.00	0.00131
-40.00	-20.00	0.00137	-30.00	-20.00	0.00142
-25.00	-20.00	0.00143	-20.00	-20.00	0.00143
-17.00	-20.00	0.00142	-15.00	-20.00	0.00140
-13.00	-20.00	0.00139	-11.00	-20.00	0.00136
-9.00	-20.00	0.00134	9.00	-20.00	0.00101
11.00	-20.00	0.00097	13.00	-20.00	0.00093
15.00	-20.00	0.00090	17.00	-20.00	0.00086
20.00	-20.00	0.00082	25.00	-20.00	0.00074
30.00	-20.00	0.00068	40.00	-20.00	0.00057
50.00	-20.00	0.00047	60.00	-20.00	0.00039
70.00	-20.00	0.00032	80.00	-20.00	0.00027
90.00	-20.00	0.00023	100.00	-20.00	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 52
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00105	-90.00	-10.00	0.00114
-80.00	-10.00	0.00124	-70.00	-10.00	0.00134
-60.00	-10.00	0.00143	-50.00	-10.00	0.00151
-40.00	-10.00	0.00158	-30.00	-10.00	0.00166
-25.00	-10.00	0.00168	-20.00	-10.00	0.00169
-17.00	-10.00	0.00168	-15.00	-10.00	0.00167
-13.00	-10.00	0.00165	-11.00	-10.00	0.00163
-9.00	-10.00	0.00160	9.00	-10.00	0.00117
11.00	-10.00	0.00112	13.00	-10.00	0.00107
15.00	-10.00	0.00102	17.00	-10.00	0.00098

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

20.00	-10.00	0.00092	25.00	-10.00	0.00083
30.00	-10.00	0.00075	40.00	-10.00	0.00061
50.00	-10.00	0.00050	60.00	-10.00	0.00041
70.00	-10.00	0.00034	80.00	-10.00	0.00028
90.00	-10.00	0.00023	100.00	-10.00	0.00020
-100.00	0.00	0.00112	-90.00	0.00	0.00124
-80.00	0.00	0.00137	-70.00	0.00	0.00150
-60.00	0.00	0.00163	-50.00	0.00	0.00175
-40.00	0.00	0.00185	-30.00	0.00	0.00195
-25.00	0.00	0.00199	-20.00	0.00	0.00201
-17.00	0.00	0.00201	-15.00	0.00	0.00200
-13.00	0.00	0.00199	-11.00	0.00	0.00196
-9.00	0.00	0.00193	9.00	0.00	0.00136
11.00	0.00	0.00129	13.00	0.00	0.00123
15.00	0.00	0.00117	17.00	0.00	0.00112
20.00	0.00	0.00104	25.00	0.00	0.00093
30.00	0.00	0.00083	40.00	0.00	0.00066
50.00	0.00	0.00052	60.00	0.00	0.00042
70.00	0.00	0.00035	80.00	0.00	0.00029
90.00	0.00	0.00024	100.00	0.00	0.00020
-100.00	10.00	0.00120	-90.00	10.00	0.00134
-80.00	10.00	0.00149	-70.00	10.00	0.00166
-60.00	10.00	0.00184	-50.00	10.00	0.00202
-40.00	10.00	0.00218	-30.00	10.00	0.00231
-25.00	10.00	0.00236	-20.00	10.00	0.00240
-17.00	10.00	0.00242	-15.00	10.00	0.00242
-13.00	10.00	0.00241	-11.00	10.00	0.00239
-9.00	10.00	0.00235	9.00	10.00	0.00159
11.00	10.00	0.00150	13.00	10.00	0.00142
15.00	10.00	0.00134	17.00	10.00	0.00127

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 53

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00117	25.00	10.00	0.00102
30.00	10.00	0.00090	40.00	10.00	0.00069
50.00	10.00	0.00055	60.00	10.00	0.00044
70.00	10.00	0.00035	80.00	10.00	0.00029

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

90.00	10.00	0.00024	100.00	10.00	0.00021
-100.00	20.00	0.00125	-90.00	20.00	0.00142
-80.00	20.00	0.00161	-70.00	20.00	0.00182
-60.00	20.00	0.00205	-50.00	20.00	0.00230
-40.00	20.00	0.00255	-30.00	20.00	0.00276
-25.00	20.00	0.00284	-20.00	20.00	0.00289
-17.00	20.00	0.00292	-15.00	20.00	0.00293
-13.00	20.00	0.00294	-11.00	20.00	0.00293
-9.00	20.00	0.00290	9.00	20.00	0.00185
11.00	20.00	0.00173	13.00	20.00	0.00162
15.00	20.00	0.00152	17.00	20.00	0.00142
20.00	20.00	0.00129	25.00	20.00	0.00111
30.00	20.00	0.00096	40.00	20.00	0.00073
50.00	20.00	0.00057	60.00	20.00	0.00045
70.00	20.00	0.00036	80.00	20.00	0.00030
90.00	20.00	0.00025	100.00	20.00	0.00021
-100.00	30.00	0.00129	-90.00	30.00	0.00148
-80.00	30.00	0.00171	-70.00	30.00	0.00196
-60.00	30.00	0.00224	-50.00	30.00	0.00256
-40.00	30.00	0.00290	-30.00	30.00	0.00324
-25.00	30.00	0.00339	-20.00	30.00	0.00352
-17.00	30.00	0.00357	-15.00	30.00	0.00360
-13.00	30.00	0.00362	-11.00	30.00	0.00363
-9.00	30.00	0.00362	9.00	30.00	0.00214
11.00	30.00	0.00197	13.00	30.00	0.00181
15.00	30.00	0.00168	17.00	30.00	0.00155
20.00	30.00	0.00140	25.00	30.00	0.00118
30.00	30.00	0.00101	40.00	30.00	0.00076
50.00	30.00	0.00059	60.00	30.00	0.00046
70.00	30.00	0.00038	80.00	30.00	0.00031
90.00	30.00	0.00026	100.00	30.00	0.00022
-100.00	40.00	0.00130	-90.00	40.00	0.00151
-80.00	40.00	0.00176	-70.00	40.00	0.00205
-60.00	40.00	0.00238	-50.00	40.00	0.00277
-40.00	40.00	0.00321	-30.00	40.00	0.00368
-25.00	40.00	0.00392	-20.00	40.00	0.00416

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00431	-15.00	40.00	0.00441
-13.00	40.00	0.00450	-11.00	40.00	0.00461
-9.00	40.00	0.00471	9.00	40.00	0.00239
11.00	40.00	0.00216	13.00	40.00	0.00196
15.00	40.00	0.00180	17.00	40.00	0.00167
20.00	40.00	0.00149	25.00	40.00	0.00125
30.00	40.00	0.00107	40.00	40.00	0.00080
50.00	40.00	0.00062	60.00	40.00	0.00049
70.00	40.00	0.00040	80.00	40.00	0.00033
90.00	40.00	0.00028	100.00	40.00	0.00024
-100.00	50.00	0.00128	-90.00	50.00	0.00150
-80.00	50.00	0.00176	-70.00	50.00	0.00207
-60.00	50.00	0.00244	-50.00	50.00	0.00287
-40.00	50.00	0.00336	-30.00	50.00	0.00391
-25.00	50.00	0.00421	-20.00	50.00	0.00454
-17.00	50.00	0.00476	-15.00	50.00	0.00491
-13.00	50.00	0.00508	-11.00	50.00	0.00530
-9.00	50.00	0.00556	9.00	50.00	0.00288
11.00	50.00	0.00255	13.00	50.00	0.00230
15.00	50.00	0.00209	17.00	50.00	0.00192
20.00	50.00	0.00171	25.00	50.00	0.00142
30.00	50.00	0.00120	40.00	50.00	0.00089
50.00	50.00	0.00068	60.00	50.00	0.00053
70.00	50.00	0.00043	80.00	50.00	0.00036
90.00	50.00	0.00030	100.00	50.00	0.00025
-100.00	60.00	0.00124	-90.00	60.00	0.00145
-80.00	60.00	0.00172	-70.00	60.00	0.00204
-60.00	60.00	0.00243	-50.00	60.00	0.00288
-40.00	60.00	0.00338	-30.00	60.00	0.00395
-25.00	60.00	0.00426	-20.00	60.00	0.00459
-17.00	60.00	0.00483	-15.00	60.00	0.00501
-13.00	60.00	0.00523	-11.00	60.00	0.00551
-9.00	60.00	0.00593	9.00	60.00	0.00393
11.00	60.00	0.00342	13.00	60.00	0.00302
15.00	60.00	0.00271	17.00	60.00	0.00244
20.00	60.00	0.00212	25.00	60.00	0.00171
30.00	60.00	0.00142	40.00	60.00	0.00102
50.00	60.00	0.00077	60.00	60.00	0.00060
70.00	60.00	0.00048	80.00	60.00	0.00039
90.00	60.00	0.00033	100.00	60.00	0.00028

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:37:33

**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00118	-90.00	70.00	0.00138
-80.00	70.00	0.00164	-70.00	70.00	0.00195
-60.00	70.00	0.00233	-50.00	70.00	0.00279
-40.00	70.00	0.00330	-30.00	70.00	0.00387
-25.00	70.00	0.00419	-20.00	70.00	0.00458
-17.00	70.00	0.00489	-15.00	70.00	0.00514
-13.00	70.00	0.00547	-11.00	70.00	0.00590
-9.00	70.00	0.00652	9.00	70.00	0.00481
11.00	70.00	0.00420	13.00	70.00	0.00373
15.00	70.00	0.00334	17.00	70.00	0.00300
20.00	70.00	0.00259	25.00	70.00	0.00206
30.00	70.00	0.00168	40.00	70.00	0.00118
50.00	70.00	0.00087	60.00	70.00	0.00067
70.00	70.00	0.00054	80.00	70.00	0.00044
90.00	70.00	0.00036	100.00	70.00	0.00031
-100.00	80.00	0.00110	-90.00	80.00	0.00129
-80.00	80.00	0.00152	-70.00	80.00	0.00181
-60.00	80.00	0.00217	-50.00	80.00	0.00262
-40.00	80.00	0.00313	-30.00	80.00	0.00374
-25.00	80.00	0.00410	-20.00	80.00	0.00458
-17.00	80.00	0.00497	-15.00	80.00	0.00531
-13.00	80.00	0.00574	-11.00	80.00	0.00630
-9.00	80.00	0.00705	9.00	80.00	0.00545
11.00	80.00	0.00478	13.00	80.00	0.00425
15.00	80.00	0.00382	17.00	80.00	0.00346
20.00	80.00	0.00299	25.00	80.00	0.00239
30.00	80.00	0.00194	40.00	80.00	0.00135
50.00	80.00	0.00099	60.00	80.00	0.00076
70.00	80.00	0.00060	80.00	80.00	0.00048
90.00	80.00	0.00040	100.00	80.00	0.00034
-100.00	90.00	0.00100	-90.00	90.00	0.00117
-80.00	90.00	0.00138	-70.00	90.00	0.00164
-60.00	90.00	0.00197	-50.00	90.00	0.00238
-40.00	90.00	0.00291	-30.00	90.00	0.00356
-25.00	90.00	0.00397	-20.00	90.00	0.00454
-17.00	90.00	0.00501	-15.00	90.00	0.00541

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-13.00	90.00	0.00591	-11.00	90.00	0.00655
-9.00	90.00	0.00737	9.00	90.00	0.00588
11.00	90.00	0.00518	13.00	90.00	0.00462
15.00	90.00	0.00416	17.00	90.00	0.00377

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00329	25.00	90.00	0.00266
30.00	90.00	0.00218	40.00	90.00	0.00152
50.00	90.00	0.00111	60.00	90.00	0.00085
70.00	90.00	0.00066	80.00	90.00	0.00054
90.00	90.00	0.00044	100.00	90.00	0.00037
-100.00	100.00	0.00089	-90.00	100.00	0.00104
-80.00	100.00	0.00122	-70.00	100.00	0.00145
-60.00	100.00	0.00174	-50.00	100.00	0.00211
-40.00	100.00	0.00261	-30.00	100.00	0.00330
-25.00	100.00	0.00377	-20.00	100.00	0.00440
-17.00	100.00	0.00493	-15.00	100.00	0.00537
-13.00	100.00	0.00592	-11.00	100.00	0.00660
-9.00	100.00	0.00746	9.00	100.00	0.00615
11.00	100.00	0.00543	13.00	100.00	0.00487
15.00	100.00	0.00440	17.00	100.00	0.00400
20.00	100.00	0.00349	25.00	100.00	0.00285
30.00	100.00	0.00237	40.00	100.00	0.00168
50.00	100.00	0.00123	60.00	100.00	0.00094
70.00	100.00	0.00073	80.00	100.00	0.00059
90.00	100.00	0.00048	100.00	100.00	0.00040
-100.00	110.00	0.00078	-90.00	110.00	0.00090
-80.00	110.00	0.00105	-70.00	110.00	0.00124
-60.00	110.00	0.00149	-50.00	110.00	0.00182
-40.00	110.00	0.00227	-30.00	110.00	0.00294
-25.00	110.00	0.00344	-20.00	110.00	0.00413
-17.00	110.00	0.00469	-15.00	110.00	0.00516
-13.00	110.00	0.00572	-11.00	110.00	0.00642
-9.00	110.00	0.00731	9.00	110.00	0.00627
11.00	110.00	0.00555	13.00	110.00	0.00500
15.00	110.00	0.00454	17.00	110.00	0.00414

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

20.00	110.00	0.00365	25.00	110.00	0.00300
30.00	110.00	0.00251	40.00	110.00	0.00181
50.00	110.00	0.00135	60.00	110.00	0.00102
70.00	110.00	0.00080	80.00	110.00	0.00064
90.00	110.00	0.00052	100.00	110.00	0.00043
-100.00	120.00	0.00067	-90.00	120.00	0.00077
-80.00	120.00	0.00089	-70.00	120.00	0.00105
-60.00	120.00	0.00125	-50.00	120.00	0.00152
-40.00	120.00	0.00190	-30.00	120.00	0.00251
-25.00	120.00	0.00299	-20.00	120.00	0.00367

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00425	-15.00	120.00	0.00472
-13.00	120.00	0.00529	-11.00	120.00	0.00600
-9.00	120.00	0.00688	9.00	120.00	0.00628
11.00	120.00	0.00559	13.00	120.00	0.00506
15.00	120.00	0.00462	17.00	120.00	0.00424
20.00	120.00	0.00376	25.00	120.00	0.00312
30.00	120.00	0.00263	40.00	120.00	0.00192
50.00	120.00	0.00144	60.00	120.00	0.00110
70.00	120.00	0.00086	80.00	120.00	0.00069
90.00	120.00	0.00056	100.00	120.00	0.00046
-100.00	130.00	0.00058	-90.00	130.00	0.00066
-80.00	130.00	0.00076	-70.00	130.00	0.00088
-60.00	130.00	0.00104	-50.00	130.00	0.00126
-40.00	130.00	0.00158	-30.00	130.00	0.00210
-25.00	130.00	0.00252	-20.00	130.00	0.00313
-17.00	130.00	0.00364	-15.00	130.00	0.00406
-13.00	130.00	0.00457	-11.00	130.00	0.00521
-9.00	130.00	0.00602	9.00	130.00	0.00625
11.00	130.00	0.00562	13.00	130.00	0.00509
15.00	130.00	0.00467	17.00	130.00	0.00431
20.00	130.00	0.00383	25.00	130.00	0.00320
30.00	130.00	0.00270	40.00	130.00	0.00199
50.00	130.00	0.00150	60.00	130.00	0.00116
70.00	130.00	0.00091	80.00	130.00	0.00072

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

90.00	130.00	0.00059	100.00	130.00	0.00049
-100.00	140.00	0.00051	-90.00	140.00	0.00057
-80.00	140.00	0.00066	-70.00	140.00	0.00076
-60.00	140.00	0.00089	-50.00	140.00	0.00108
-40.00	140.00	0.00137	-30.00	140.00	0.00185
-25.00	140.00	0.00224	-20.00	140.00	0.00280
-17.00	140.00	0.00326	-15.00	140.00	0.00363
-13.00	140.00	0.00408	-11.00	140.00	0.00462
-9.00	140.00	0.00528	9.00	140.00	0.00586
11.00	140.00	0.00536	13.00	140.00	0.00491
15.00	140.00	0.00452	17.00	140.00	0.00418
20.00	140.00	0.00373	25.00	140.00	0.00313
30.00	140.00	0.00266	40.00	140.00	0.00198
50.00	140.00	0.00152	60.00	140.00	0.00118
70.00	140.00	0.00093	80.00	140.00	0.00075
90.00	140.00	0.00061	100.00	140.00	0.00051

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

16:37:33

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00045	-90.00	150.00	0.00050
-80.00	150.00	0.00057	-70.00	150.00	0.00067
-60.00	150.00	0.00079	-50.00	150.00	0.00097
-40.00	150.00	0.00125	-30.00	150.00	0.00175
-25.00	150.00	0.00215	-20.00	150.00	0.00272
-17.00	150.00	0.00318	-15.00	150.00	0.00354
-13.00	150.00	0.00396	-11.00	150.00	0.00443
-9.00	150.00	0.00493	9.00	150.00	0.00486
11.00	150.00	0.00454	13.00	150.00	0.00425
15.00	150.00	0.00398	17.00	150.00	0.00373
20.00	150.00	0.00339	25.00	150.00	0.00291
30.00	150.00	0.00251	40.00	150.00	0.00191
50.00	150.00	0.00149	60.00	150.00	0.00117
70.00	150.00	0.00094	80.00	150.00	0.00076
90.00	150.00	0.00062	100.00	150.00	0.00052
-100.00	160.00	0.00040	-90.00	160.00	0.00045
-80.00	160.00	0.00051	-70.00	160.00	0.00060
-60.00	160.00	0.00072	-50.00	160.00	0.00091

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-40.00	160.00	0.00120	-30.00	160.00	0.00172
-25.00	160.00	0.00211	-20.00	160.00	0.00264
-17.00	160.00	0.00303	-15.00	160.00	0.00333
-13.00	160.00	0.00364	-11.00	160.00	0.00396
-9.00	160.00	0.00427	9.00	160.00	0.00399
11.00	160.00	0.00377	13.00	160.00	0.00356
15.00	160.00	0.00337	17.00	160.00	0.00319
20.00	160.00	0.00295	25.00	160.00	0.00260
30.00	160.00	0.00229	40.00	160.00	0.00180
50.00	160.00	0.00143	60.00	160.00	0.00115
70.00	160.00	0.00093	80.00	160.00	0.00076
90.00	160.00	0.00063	100.00	160.00	0.00052
-100.00	170.00	0.00036	-90.00	170.00	0.00041
-80.00	170.00	0.00047	-70.00	170.00	0.00056
-60.00	170.00	0.00069	-50.00	170.00	0.00088
-40.00	170.00	0.00118	-30.00	170.00	0.00167
-25.00	170.00	0.00202	-20.00	170.00	0.00247
-17.00	170.00	0.00278	-15.00	170.00	0.00299
-13.00	170.00	0.00321	-11.00	170.00	0.00341
-9.00	170.00	0.00359	9.00	170.00	0.00331
11.00	170.00	0.00316	13.00	170.00	0.00300
15.00	170.00	0.00286	17.00	170.00	0.00273

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00254	25.00	170.00	0.00227
30.00	170.00	0.00204	40.00	170.00	0.00165
50.00	170.00	0.00134	60.00	170.00	0.00110
70.00	170.00	0.00091	80.00	170.00	0.00075
90.00	170.00	0.00062	100.00	170.00	0.00052
-100.00	180.00	0.00034	-90.00	180.00	0.00039
-80.00	180.00	0.00045	-70.00	180.00	0.00054
-60.00	180.00	0.00067	-50.00	180.00	0.00085
-40.00	180.00	0.00114	-30.00	180.00	0.00159
-25.00	180.00	0.00189	-20.00	180.00	0.00225
-17.00	180.00	0.00248	-15.00	180.00	0.00263
-13.00	180.00	0.00277	-11.00	180.00	0.00289

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-9.00	180.00	0.00300	9.00	180.00	0.00277
11.00	180.00	0.00266	13.00	180.00	0.00255
15.00	180.00	0.00245	17.00	180.00	0.00234
20.00	180.00	0.00220	25.00	180.00	0.00198
30.00	180.00	0.00180	40.00	180.00	0.00149
50.00	180.00	0.00124	60.00	180.00	0.00104
70.00	180.00	0.00087	80.00	180.00	0.00073
90.00	180.00	0.00062	100.00	180.00	0.00052
-100.00	190.00	0.00032	-90.00	190.00	0.00037
-80.00	190.00	0.00044	-70.00	190.00	0.00052
-60.00	190.00	0.00065	-50.00	190.00	0.00083
-40.00	190.00	0.00110	-30.00	190.00	0.00149
-25.00	190.00	0.00174	-20.00	190.00	0.00202
-17.00	190.00	0.00218	-15.00	190.00	0.00228
-13.00	190.00	0.00238	-11.00	190.00	0.00246
-9.00	190.00	0.00252	9.00	190.00	0.00234
11.00	190.00	0.00227	13.00	190.00	0.00219
15.00	190.00	0.00211	17.00	190.00	0.00203
20.00	190.00	0.00191	25.00	190.00	0.00174
30.00	190.00	0.00159	40.00	190.00	0.00134
50.00	190.00	0.00114	60.00	190.00	0.00097
70.00	190.00	0.00083	80.00	190.00	0.00070
90.00	190.00	0.00060	100.00	190.00	0.00051
-100.00	200.00	0.00031	-90.00	200.00	0.00036
-80.00	200.00	0.00042	-70.00	200.00	0.00051
-60.00	200.00	0.00063	-50.00	200.00	0.00080
-40.00	200.00	0.00105	-30.00	200.00	0.00139
-25.00	200.00	0.00159	-20.00	200.00	0.00179

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00191	-15.00	200.00	0.00198
-13.00	200.00	0.00205	-11.00	200.00	0.00210
-9.00	200.00	0.00214	9.00	200.00	0.00200
11.00	200.00	0.00194	13.00	200.00	0.00188
15.00	200.00	0.00182	17.00	200.00	0.00176
20.00	200.00	0.00167	25.00	200.00	0.00153

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

30.00	200.00	0.00141	40.00	200.00	0.00120
50.00	200.00	0.00104	60.00	200.00	0.00090
70.00	200.00	0.00078	80.00	200.00	0.00067
90.00	200.00	0.00058	100.00	200.00	0.00050
-100.00	210.00	0.00030	-90.00	210.00	0.00035
-80.00	210.00	0.00041	-70.00	210.00	0.00049
-60.00	210.00	0.00061	-50.00	210.00	0.00077
-40.00	210.00	0.00099	-30.00	210.00	0.00128
-25.00	210.00	0.00144	-20.00	210.00	0.00159
-17.00	210.00	0.00168	-15.00	210.00	0.00173
-13.00	210.00	0.00177	-11.00	210.00	0.00181
-9.00	210.00	0.00183	9.00	210.00	0.00172
11.00	210.00	0.00168	13.00	210.00	0.00164
15.00	210.00	0.00159	17.00	210.00	0.00154
20.00	210.00	0.00147	25.00	210.00	0.00136
30.00	210.00	0.00126	40.00	210.00	0.00108
50.00	210.00	0.00094	60.00	210.00	0.00083
70.00	210.00	0.00073	80.00	210.00	0.00064
90.00	210.00	0.00056	100.00	210.00	0.00049
-100.00	220.00	0.00029	-90.00	220.00	0.00034
-80.00	220.00	0.00040	-70.00	220.00	0.00048
-60.00	220.00	0.00059	-50.00	220.00	0.00073
-40.00	220.00	0.00093	-30.00	220.00	0.00117
-25.00	220.00	0.00130	-20.00	220.00	0.00142
-17.00	220.00	0.00148	-15.00	220.00	0.00151
-13.00	220.00	0.00154	-11.00	220.00	0.00157
-9.00	220.00	0.00159	9.00	220.00	0.00149
11.00	220.00	0.00146	13.00	220.00	0.00143
15.00	220.00	0.00140	17.00	220.00	0.00136
20.00	220.00	0.00131	25.00	220.00	0.00121
30.00	220.00	0.00113	40.00	220.00	0.00098
50.00	220.00	0.00086	60.00	220.00	0.00076
70.00	220.00	0.00067	80.00	220.00	0.00060
90.00	220.00	0.00053	100.00	220.00	0.00047

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-100.00	230.00	0.00028	-90.00	230.00	0.00033
-80.00	230.00	0.00039	-70.00	230.00	0.00046
-60.00	230.00	0.00057	-50.00	230.00	0.00070
-40.00	230.00	0.00087	-30.00	230.00	0.00107
-25.00	230.00	0.00117	-20.00	230.00	0.00126
-17.00	230.00	0.00131	-15.00	230.00	0.00133
-13.00	230.00	0.00135	-11.00	230.00	0.00137
-9.00	230.00	0.00138	9.00	230.00	0.00131
11.00	230.00	0.00129	13.00	230.00	0.00126
15.00	230.00	0.00123	17.00	230.00	0.00121
20.00	230.00	0.00116	25.00	230.00	0.00109
30.00	230.00	0.00102	40.00	230.00	0.00089
50.00	230.00	0.00078	60.00	230.00	0.00070
70.00	230.00	0.00062	80.00	230.00	0.00056
90.00	230.00	0.00050	100.00	230.00	0.00045
-100.00	240.00	0.00028	-90.00	240.00	0.00032
-80.00	240.00	0.00038	-70.00	240.00	0.00045
-60.00	240.00	0.00054	-50.00	240.00	0.00067
-40.00	240.00	0.00082	-30.00	240.00	0.00098
-25.00	240.00	0.00106	-20.00	240.00	0.00113
-17.00	240.00	0.00116	-15.00	240.00	0.00118
-13.00	240.00	0.00120	-11.00	240.00	0.00121
-9.00	240.00	0.00122	9.00	240.00	0.00116
11.00	240.00	0.00114	13.00	240.00	0.00112
15.00	240.00	0.00110	17.00	240.00	0.00107
20.00	240.00	0.00104	25.00	240.00	0.00098
30.00	240.00	0.00092	40.00	240.00	0.00081
50.00	240.00	0.00072	60.00	240.00	0.00064
70.00	240.00	0.00058	80.00	240.00	0.00052
90.00	240.00	0.00047	100.00	240.00	0.00043
-100.00	250.00	0.00027	-90.00	250.00	0.00031
-80.00	250.00	0.00036	-70.00	250.00	0.00043
-60.00	250.00	0.00052	-50.00	250.00	0.00063
-40.00	250.00	0.00076	-30.00	250.00	0.00090
-25.00	250.00	0.00096	-20.00	250.00	0.00101
-17.00	250.00	0.00104	-15.00	250.00	0.00105
-13.00	250.00	0.00106	-11.00	250.00	0.00107
-9.00	250.00	0.00108	9.00	250.00	0.00103
11.00	250.00	0.00101	13.00	250.00	0.00100
15.00	250.00	0.00098	17.00	250.00	0.00096

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:37:33
**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	250.00	0.00093	25.00	250.00	0.00089	
30.00	250.00	0.00084	40.00	250.00	0.00074	
50.00	250.00	0.00066	60.00	250.00	0.00059	
70.00	250.00	0.00053	80.00	250.00	0.00049	
90.00	250.00	0.00044	100.00	250.00	0.00040	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
 PAGE 63
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	-250.00	0.00030	-90.00	-250.00	0.00031	
-80.00	-250.00	0.00032	-70.00	-250.00	0.00032	
-60.00	-250.00	0.00032	-50.00	-250.00	0.00032	
-40.00	-250.00	0.00031	-30.00	-250.00	0.00030	
-25.00	-250.00	0.00030	-20.00	-250.00	0.00029	
-17.00	-250.00	0.00029	-15.00	-250.00	0.00029	
-13.00	-250.00	0.00028	-11.00	-250.00	0.00028	
-9.00	-250.00	0.00028	9.00	-250.00	0.00025	
11.00	-250.00	0.00024	13.00	-250.00	0.00024	
15.00	-250.00	0.00023	17.00	-250.00	0.00023	
20.00	-250.00	0.00022	25.00	-250.00	0.00022	
30.00	-250.00	0.00021	40.00	-250.00	0.00019	
50.00	-250.00	0.00018	60.00	-250.00	0.00016	
70.00	-250.00	0.00015	80.00	-250.00	0.00014	
90.00	-250.00	0.00013	100.00	-250.00	0.00012	
-100.00	-240.00	0.00032	-90.00	-240.00	0.00033	
-80.00	-240.00	0.00034	-70.00	-240.00	0.00034	
-60.00	-240.00	0.00035	-50.00	-240.00	0.00034	
-40.00	-240.00	0.00034	-30.00	-240.00	0.00033	
-25.00	-240.00	0.00032	-20.00	-240.00	0.00032	
-17.00	-240.00	0.00031	-15.00	-240.00	0.00031	
-13.00	-240.00	0.00031	-11.00	-240.00	0.00030	
-9.00	-240.00	0.00030	9.00	-240.00	0.00026	

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

11.00	-240.00	0.00026	13.00	-240.00	0.00026
15.00	-240.00	0.00025	17.00	-240.00	0.00025
20.00	-240.00	0.00024	25.00	-240.00	0.00023
30.00	-240.00	0.00022	40.00	-240.00	0.00020
50.00	-240.00	0.00019	60.00	-240.00	0.00017
70.00	-240.00	0.00016	80.00	-240.00	0.00015
90.00	-240.00	0.00014	100.00	-240.00	0.00013
-100.00	-230.00	0.00035	-90.00	-230.00	0.00036
-80.00	-230.00	0.00036	-70.00	-230.00	0.00037
-60.00	-230.00	0.00037	-50.00	-230.00	0.00037
-40.00	-230.00	0.00037	-30.00	-230.00	0.00036
-25.00	-230.00	0.00035	-20.00	-230.00	0.00035
-17.00	-230.00	0.00034	-15.00	-230.00	0.00034
-13.00	-230.00	0.00033	-11.00	-230.00	0.00033
-9.00	-230.00	0.00032	9.00	-230.00	0.00028
11.00	-230.00	0.00028	13.00	-230.00	0.00028
15.00	-230.00	0.00027	17.00	-230.00	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00026	25.00	-230.00	0.00025
30.00	-230.00	0.00024	40.00	-230.00	0.00022
50.00	-230.00	0.00020	60.00	-230.00	0.00018
70.00	-230.00	0.00017	80.00	-230.00	0.00016
90.00	-230.00	0.00014	100.00	-230.00	0.00013
-100.00	-220.00	0.00037	-90.00	-220.00	0.00038
-80.00	-220.00	0.00039	-70.00	-220.00	0.00040
-60.00	-220.00	0.00040	-50.00	-220.00	0.00041
-40.00	-220.00	0.00040	-30.00	-220.00	0.00039
-25.00	-220.00	0.00038	-20.00	-220.00	0.00038
-17.00	-220.00	0.00037	-15.00	-220.00	0.00037
-13.00	-220.00	0.00036	-11.00	-220.00	0.00036
-9.00	-220.00	0.00035	9.00	-220.00	0.00031
11.00	-220.00	0.00030	13.00	-220.00	0.00030
15.00	-220.00	0.00029	17.00	-220.00	0.00029
20.00	-220.00	0.00028	25.00	-220.00	0.00027
30.00	-220.00	0.00025	40.00	-220.00	0.00023

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

50.00	-220.00	0.00021	60.00	-220.00	0.00020
70.00	-220.00	0.00018	80.00	-220.00	0.00017
90.00	-220.00	0.00015	100.00	-220.00	0.00014
-100.00	-210.00	0.00040	-90.00	-210.00	0.00041
-80.00	-210.00	0.00042	-70.00	-210.00	0.00043
-60.00	-210.00	0.00044	-50.00	-210.00	0.00044
-40.00	-210.00	0.00044	-30.00	-210.00	0.00043
-25.00	-210.00	0.00042	-20.00	-210.00	0.00041
-17.00	-210.00	0.00041	-15.00	-210.00	0.00040
-13.00	-210.00	0.00040	-11.00	-210.00	0.00039
-9.00	-210.00	0.00039	9.00	-210.00	0.00033
11.00	-210.00	0.00033	13.00	-210.00	0.00032
15.00	-210.00	0.00032	17.00	-210.00	0.00031
20.00	-210.00	0.00030	25.00	-210.00	0.00029
30.00	-210.00	0.00027	40.00	-210.00	0.00025
50.00	-210.00	0.00023	60.00	-210.00	0.00021
70.00	-210.00	0.00019	80.00	-210.00	0.00017
90.00	-210.00	0.00016	100.00	-210.00	0.00015
-100.00	-200.00	0.00043	-90.00	-200.00	0.00044
-80.00	-200.00	0.00046	-70.00	-200.00	0.00047
-60.00	-200.00	0.00048	-50.00	-200.00	0.00048
-40.00	-200.00	0.00048	-30.00	-200.00	0.00047
-25.00	-200.00	0.00046	-20.00	-200.00	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTS:
 PAGE 65

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00045	-15.00	-200.00	0.00044
-13.00	-200.00	0.00044	-11.00	-200.00	0.00043
-9.00	-200.00	0.00043	9.00	-200.00	0.00036
11.00	-200.00	0.00036	13.00	-200.00	0.00035
15.00	-200.00	0.00034	17.00	-200.00	0.00034
20.00	-200.00	0.00033	25.00	-200.00	0.00031
30.00	-200.00	0.00030	40.00	-200.00	0.00027
50.00	-200.00	0.00024	60.00	-200.00	0.00022
70.00	-200.00	0.00020	80.00	-200.00	0.00018
90.00	-200.00	0.00017	100.00	-200.00	0.00015
-100.00	-190.00	0.00047	-90.00	-190.00	0.00048

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-80.00	-190.00	0.00050	-70.00	-190.00	0.00051
-60.00	-190.00	0.00052	-50.00	-190.00	0.00053
-40.00	-190.00	0.00053	-30.00	-190.00	0.00052
-25.00	-190.00	0.00051	-20.00	-190.00	0.00050
-17.00	-190.00	0.00049	-15.00	-190.00	0.00049
-13.00	-190.00	0.00048	-11.00	-190.00	0.00048
-9.00	-190.00	0.00047	9.00	-190.00	0.00040
11.00	-190.00	0.00039	13.00	-190.00	0.00038
15.00	-190.00	0.00038	17.00	-190.00	0.00037
20.00	-190.00	0.00036	25.00	-190.00	0.00034
30.00	-190.00	0.00032	40.00	-190.00	0.00029
50.00	-190.00	0.00026	60.00	-190.00	0.00024
70.00	-190.00	0.00021	80.00	-190.00	0.00019
90.00	-190.00	0.00017	100.00	-190.00	0.00016
-100.00	-180.00	0.00050	-90.00	-180.00	0.00052
-80.00	-180.00	0.00054	-70.00	-180.00	0.00056
-60.00	-180.00	0.00057	-50.00	-180.00	0.00059
-40.00	-180.00	0.00059	-30.00	-180.00	0.00058
-25.00	-180.00	0.00057	-20.00	-180.00	0.00056
-17.00	-180.00	0.00055	-15.00	-180.00	0.00054
-13.00	-180.00	0.00054	-11.00	-180.00	0.00053
-9.00	-180.00	0.00052	9.00	-180.00	0.00044
11.00	-180.00	0.00043	13.00	-180.00	0.00042
15.00	-180.00	0.00041	17.00	-180.00	0.00040
20.00	-180.00	0.00039	25.00	-180.00	0.00037
30.00	-180.00	0.00035	40.00	-180.00	0.00031
50.00	-180.00	0.00028	60.00	-180.00	0.00025
70.00	-180.00	0.00023	80.00	-180.00	0.00020
90.00	-180.00	0.00018	100.00	-180.00	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTS:
 PAGE 66
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00055	-90.00	-170.00	0.00057
-80.00	-170.00	0.00059	-70.00	-170.00	0.00061
-60.00	-170.00	0.00063	-50.00	-170.00	0.00065
-40.00	-170.00	0.00065	-30.00	-170.00	0.00065
-25.00	-170.00	0.00064	-20.00	-170.00	0.00062

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-17.00	-170.00	0.00061	-15.00	-170.00	0.00061
-13.00	-170.00	0.00060	-11.00	-170.00	0.00059
-9.00	-170.00	0.00058	9.00	-170.00	0.00049
11.00	-170.00	0.00047	13.00	-170.00	0.00046
15.00	-170.00	0.00045	17.00	-170.00	0.00044
20.00	-170.00	0.00043	25.00	-170.00	0.00040
30.00	-170.00	0.00038	40.00	-170.00	0.00034
50.00	-170.00	0.00030	60.00	-170.00	0.00027
70.00	-170.00	0.00024	80.00	-170.00	0.00021
90.00	-170.00	0.00019	100.00	-170.00	0.00017
-100.00	-160.00	0.00060	-90.00	-160.00	0.00062
-80.00	-160.00	0.00065	-70.00	-160.00	0.00067
-60.00	-160.00	0.00070	-50.00	-160.00	0.00072
-40.00	-160.00	0.00073	-30.00	-160.00	0.00073
-25.00	-160.00	0.00072	-20.00	-160.00	0.00070
-17.00	-160.00	0.00069	-15.00	-160.00	0.00068
-13.00	-160.00	0.00067	-11.00	-160.00	0.00067
-9.00	-160.00	0.00065	9.00	-160.00	0.00054
11.00	-160.00	0.00053	13.00	-160.00	0.00051
15.00	-160.00	0.00050	17.00	-160.00	0.00049
20.00	-160.00	0.00047	25.00	-160.00	0.00044
30.00	-160.00	0.00041	40.00	-160.00	0.00037
50.00	-160.00	0.00032	60.00	-160.00	0.00029
70.00	-160.00	0.00026	80.00	-160.00	0.00023
90.00	-160.00	0.00020	100.00	-160.00	0.00017
-100.00	-150.00	0.00066	-90.00	-150.00	0.00069
-80.00	-150.00	0.00072	-70.00	-150.00	0.00074
-60.00	-150.00	0.00077	-50.00	-150.00	0.00080
-40.00	-150.00	0.00082	-30.00	-150.00	0.00082
-25.00	-150.00	0.00081	-20.00	-150.00	0.00080
-17.00	-150.00	0.00079	-15.00	-150.00	0.00078
-13.00	-150.00	0.00077	-11.00	-150.00	0.00075
-9.00	-150.00	0.00074	9.00	-150.00	0.00060
11.00	-150.00	0.00059	13.00	-150.00	0.00057
15.00	-150.00	0.00056	17.00	-150.00	0.00054

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTS:
 PAGE 67

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	-150.00	0.00052	25.00	-150.00	0.00049	
30.00	-150.00	0.00045	40.00	-150.00	0.00040	
50.00	-150.00	0.00035	60.00	-150.00	0.00031	
70.00	-150.00	0.00027	80.00	-150.00	0.00024	
90.00	-150.00	0.00021	100.00	-150.00	0.00018	
-100.00	-140.00	0.00073	-90.00	-140.00	0.00076	
-80.00	-140.00	0.00079	-70.00	-140.00	0.00083	
-60.00	-140.00	0.00086	-50.00	-140.00	0.00090	
-40.00	-140.00	0.00092	-30.00	-140.00	0.00093	
-25.00	-140.00	0.00093	-20.00	-140.00	0.00091	
-17.00	-140.00	0.00090	-15.00	-140.00	0.00089	
-13.00	-140.00	0.00088	-11.00	-140.00	0.00086	
-9.00	-140.00	0.00085	9.00	-140.00	0.00068	
11.00	-140.00	0.00066	13.00	-140.00	0.00064	
15.00	-140.00	0.00062	17.00	-140.00	0.00060	
20.00	-140.00	0.00058	25.00	-140.00	0.00054	
30.00	-140.00	0.00050	40.00	-140.00	0.00043	
50.00	-140.00	0.00038	60.00	-140.00	0.00033	
70.00	-140.00	0.00028	80.00	-140.00	0.00025	
90.00	-140.00	0.00021	100.00	-140.00	0.00018	
-100.00	-130.00	0.00081	-90.00	-130.00	0.00085	
-80.00	-130.00	0.00089	-70.00	-130.00	0.00093	
-60.00	-130.00	0.00097	-50.00	-130.00	0.00101	
-40.00	-130.00	0.00105	-30.00	-130.00	0.00107	
-25.00	-130.00	0.00106	-20.00	-130.00	0.00105	
-17.00	-130.00	0.00104	-15.00	-130.00	0.00102	
-13.00	-130.00	0.00101	-11.00	-130.00	0.00099	
-9.00	-130.00	0.00098	9.00	-130.00	0.00077	
11.00	-130.00	0.00075	13.00	-130.00	0.00072	
15.00	-130.00	0.00070	17.00	-130.00	0.00068	
20.00	-130.00	0.00065	25.00	-130.00	0.00060	
30.00	-130.00	0.00055	40.00	-130.00	0.00047	
50.00	-130.00	0.00041	60.00	-130.00	0.00035	
70.00	-130.00	0.00030	80.00	-130.00	0.00025	
90.00	-130.00	0.00022	100.00	-130.00	0.00019	
-100.00	-120.00	0.00089	-90.00	-120.00	0.00094	
-80.00	-120.00	0.00100	-70.00	-120.00	0.00105	
-60.00	-120.00	0.00109	-50.00	-120.00	0.00114	
-40.00	-120.00	0.00120	-30.00	-120.00	0.00123	
-25.00	-120.00	0.00123	-20.00	-120.00	0.00122	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:37:33
**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00120	-15.00	-120.00	0.00119
-13.00	-120.00	0.00118	-11.00	-120.00	0.00116
-9.00	-120.00	0.00114	9.00	-120.00	0.00088
11.00	-120.00	0.00085	13.00	-120.00	0.00082
15.00	-120.00	0.00079	17.00	-120.00	0.00076
20.00	-120.00	0.00072	25.00	-120.00	0.00067
30.00	-120.00	0.00061	40.00	-120.00	0.00052
50.00	-120.00	0.00044	60.00	-120.00	0.00037
70.00	-120.00	0.00031	80.00	-120.00	0.00026
90.00	-120.00	0.00022	100.00	-120.00	0.00019
-100.00	-110.00	0.00097	-90.00	-110.00	0.00104
-80.00	-110.00	0.00111	-70.00	-110.00	0.00118
-60.00	-110.00	0.00125	-50.00	-110.00	0.00131
-40.00	-110.00	0.00137	-30.00	-110.00	0.00142
-25.00	-110.00	0.00143	-20.00	-110.00	0.00143
-17.00	-110.00	0.00142	-15.00	-110.00	0.00140
-13.00	-110.00	0.00139	-11.00	-110.00	0.00136
-9.00	-110.00	0.00134	9.00	-110.00	0.00101
11.00	-110.00	0.00097	13.00	-110.00	0.00093
15.00	-110.00	0.00090	17.00	-110.00	0.00086
20.00	-110.00	0.00082	25.00	-110.00	0.00074
30.00	-110.00	0.00068	40.00	-110.00	0.00057
50.00	-110.00	0.00047	60.00	-110.00	0.00039
70.00	-110.00	0.00032	80.00	-110.00	0.00027
90.00	-110.00	0.00023	100.00	-110.00	0.00020
-100.00	-100.00	0.00105	-90.00	-100.00	0.00114
-80.00	-100.00	0.00124	-70.00	-100.00	0.00134
-60.00	-100.00	0.00143	-50.00	-100.00	0.00151
-40.00	-100.00	0.00158	-30.00	-100.00	0.00166
-25.00	-100.00	0.00168	-20.00	-100.00	0.00169
-17.00	-100.00	0.00168	-15.00	-100.00	0.00167
-13.00	-100.00	0.00165	-11.00	-100.00	0.00163
-9.00	-100.00	0.00160	9.00	-100.00	0.00117
11.00	-100.00	0.00112	13.00	-100.00	0.00107
15.00	-100.00	0.00102	17.00	-100.00	0.00098
20.00	-100.00	0.00092	25.00	-100.00	0.00083
30.00	-100.00	0.00075	40.00	-100.00	0.00061

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

50.00	-100.00	0.00050	60.00	-100.00	0.00041
70.00	-100.00	0.00034	80.00	-100.00	0.00028
90.00	-100.00	0.00023	100.00	-100.00	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00112	-90.00	-90.00	0.00124
-80.00	-90.00	0.00137	-70.00	-90.00	0.00150
-60.00	-90.00	0.00163	-50.00	-90.00	0.00175
-40.00	-90.00	0.00185	-30.00	-90.00	0.00195
-25.00	-90.00	0.00199	-20.00	-90.00	0.00201
-17.00	-90.00	0.00201	-15.00	-90.00	0.00200
-13.00	-90.00	0.00199	-11.00	-90.00	0.00196
-9.00	-90.00	0.00193	9.00	-90.00	0.00136
11.00	-90.00	0.00129	13.00	-90.00	0.00123
15.00	-90.00	0.00117	17.00	-90.00	0.00112
20.00	-90.00	0.00104	25.00	-90.00	0.00093
30.00	-90.00	0.00083	40.00	-90.00	0.00066
50.00	-90.00	0.00052	60.00	-90.00	0.00042
70.00	-90.00	0.00035	80.00	-90.00	0.00029
90.00	-90.00	0.00024	100.00	-90.00	0.00020
-100.00	-80.00	0.00120	-90.00	-80.00	0.00134
-80.00	-80.00	0.00149	-70.00	-80.00	0.00166
-60.00	-80.00	0.00184	-50.00	-80.00	0.00202
-40.00	-80.00	0.00218	-30.00	-80.00	0.00231
-25.00	-80.00	0.00236	-20.00	-80.00	0.00240
-17.00	-80.00	0.00242	-15.00	-80.00	0.00242
-13.00	-80.00	0.00241	-11.00	-80.00	0.00239
-9.00	-80.00	0.00235	9.00	-80.00	0.00159
11.00	-80.00	0.00150	13.00	-80.00	0.00142
15.00	-80.00	0.00134	17.00	-80.00	0.00127
20.00	-80.00	0.00117	25.00	-80.00	0.00102
30.00	-80.00	0.00090	40.00	-80.00	0.00069
50.00	-80.00	0.00055	60.00	-80.00	0.00044
70.00	-80.00	0.00035	80.00	-80.00	0.00029
90.00	-80.00	0.00024	100.00	-80.00	0.00021
-100.00	-70.00	0.00125	-90.00	-70.00	0.00142

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-80.00	-70.00	0.00161	-70.00	-70.00	0.00182
-60.00	-70.00	0.00205	-50.00	-70.00	0.00230
-40.00	-70.00	0.00255	-30.00	-70.00	0.00276
-25.00	-70.00	0.00284	-20.00	-70.00	0.00289
-17.00	-70.00	0.00292	-15.00	-70.00	0.00293
-13.00	-70.00	0.00294	-11.00	-70.00	0.00293
-9.00	-70.00	0.00290	9.00	-70.00	0.00185
11.00	-70.00	0.00173	13.00	-70.00	0.00162
15.00	-70.00	0.00152	17.00	-70.00	0.00142

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

PAGE 70

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00129	25.00	-70.00	0.00111
30.00	-70.00	0.00096	40.00	-70.00	0.00073
50.00	-70.00	0.00057	60.00	-70.00	0.00045
70.00	-70.00	0.00036	80.00	-70.00	0.00030
90.00	-70.00	0.00025	100.00	-70.00	0.00021
-100.00	-60.00	0.00129	-90.00	-60.00	0.00148
-80.00	-60.00	0.00171	-70.00	-60.00	0.00196
-60.00	-60.00	0.00224	-50.00	-60.00	0.00256
-40.00	-60.00	0.00290	-30.00	-60.00	0.00324
-25.00	-60.00	0.00339	-20.00	-60.00	0.00352
-17.00	-60.00	0.00357	-15.00	-60.00	0.00360
-13.00	-60.00	0.00362	-11.00	-60.00	0.00363
-9.00	-60.00	0.00362	9.00	-60.00	0.00214
11.00	-60.00	0.00197	13.00	-60.00	0.00181
15.00	-60.00	0.00168	17.00	-60.00	0.00155
20.00	-60.00	0.00140	25.00	-60.00	0.00118
30.00	-60.00	0.00101	40.00	-60.00	0.00076
50.00	-60.00	0.00059	60.00	-60.00	0.00046
70.00	-60.00	0.00038	80.00	-60.00	0.00031
90.00	-60.00	0.00026	100.00	-60.00	0.00022
-100.00	-50.00	0.00130	-90.00	-50.00	0.00151
-80.00	-50.00	0.00176	-70.00	-50.00	0.00205
-60.00	-50.00	0.00238	-50.00	-50.00	0.00277
-40.00	-50.00	0.00321	-30.00	-50.00	0.00368
-25.00	-50.00	0.00392	-20.00	-50.00	0.00416

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-17.00	-50.00	0.00431	-15.00	-50.00	0.00441
-13.00	-50.00	0.00450	-11.00	-50.00	0.00461
-9.00	-50.00	0.00471	9.00	-50.00	0.00239
11.00	-50.00	0.00216	13.00	-50.00	0.00196
15.00	-50.00	0.00180	17.00	-50.00	0.00167
20.00	-50.00	0.00149	25.00	-50.00	0.00125
30.00	-50.00	0.00107	40.00	-50.00	0.00080
50.00	-50.00	0.00062	60.00	-50.00	0.00049
70.00	-50.00	0.00040	80.00	-50.00	0.00033
90.00	-50.00	0.00028	100.00	-50.00	0.00024
-100.00	-40.00	0.00128	-90.00	-40.00	0.00150
-80.00	-40.00	0.00176	-70.00	-40.00	0.00207
-60.00	-40.00	0.00244	-50.00	-40.00	0.00287
-40.00	-40.00	0.00336	-30.00	-40.00	0.00391
-25.00	-40.00	0.00421	-20.00	-40.00	0.00454

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

PAGE 71

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00476	-15.00	-40.00	0.00491
-13.00	-40.00	0.00508	-11.00	-40.00	0.00530
-9.00	-40.00	0.00556	9.00	-40.00	0.00288
11.00	-40.00	0.00255	13.00	-40.00	0.00230
15.00	-40.00	0.00209	17.00	-40.00	0.00192
20.00	-40.00	0.00171	25.00	-40.00	0.00142
30.00	-40.00	0.00120	40.00	-40.00	0.00089
50.00	-40.00	0.00068	60.00	-40.00	0.00053
70.00	-40.00	0.00043	80.00	-40.00	0.00036
90.00	-40.00	0.00030	100.00	-40.00	0.00025
-100.00	-30.00	0.00124	-90.00	-30.00	0.00145
-80.00	-30.00	0.00172	-70.00	-30.00	0.00204
-60.00	-30.00	0.00243	-50.00	-30.00	0.00288
-40.00	-30.00	0.00338	-30.00	-30.00	0.00395
-25.00	-30.00	0.00426	-20.00	-30.00	0.00459
-17.00	-30.00	0.00483	-15.00	-30.00	0.00501
-13.00	-30.00	0.00523	-11.00	-30.00	0.00551
-9.00	-30.00	0.00593	9.00	-30.00	0.00393
11.00	-30.00	0.00342	13.00	-30.00	0.00302

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

15.00	-30.00	0.00271	17.00	-30.00	0.00244
20.00	-30.00	0.00212	25.00	-30.00	0.00171
30.00	-30.00	0.00142	40.00	-30.00	0.00102
50.00	-30.00	0.00077	60.00	-30.00	0.00060
70.00	-30.00	0.00048	80.00	-30.00	0.00039
90.00	-30.00	0.00033	100.00	-30.00	0.00028
-100.00	-20.00	0.00118	-90.00	-20.00	0.00138
-80.00	-20.00	0.00164	-70.00	-20.00	0.00195
-60.00	-20.00	0.00233	-50.00	-20.00	0.00279
-40.00	-20.00	0.00330	-30.00	-20.00	0.00387
-25.00	-20.00	0.00419	-20.00	-20.00	0.00458
-17.00	-20.00	0.00489	-15.00	-20.00	0.00514
-13.00	-20.00	0.00547	-11.00	-20.00	0.00590
-9.00	-20.00	0.00652	9.00	-20.00	0.00481
11.00	-20.00	0.00420	13.00	-20.00	0.00373
15.00	-20.00	0.00334	17.00	-20.00	0.00300
20.00	-20.00	0.00259	25.00	-20.00	0.00206
30.00	-20.00	0.00168	40.00	-20.00	0.00118
50.00	-20.00	0.00087	60.00	-20.00	0.00067
70.00	-20.00	0.00054	80.00	-20.00	0.00044
90.00	-20.00	0.00036	100.00	-20.00	0.00031

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 72
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00110	-90.00	-10.00	0.00129
-80.00	-10.00	0.00152	-70.00	-10.00	0.00181
-60.00	-10.00	0.00217	-50.00	-10.00	0.00262
-40.00	-10.00	0.00313	-30.00	-10.00	0.00374
-25.00	-10.00	0.00410	-20.00	-10.00	0.00458
-17.00	-10.00	0.00497	-15.00	-10.00	0.00531
-13.00	-10.00	0.00574	-11.00	-10.00	0.00630
-9.00	-10.00	0.00705	9.00	-10.00	0.00545
11.00	-10.00	0.00478	13.00	-10.00	0.00425
15.00	-10.00	0.00382	17.00	-10.00	0.00346
20.00	-10.00	0.00299	25.00	-10.00	0.00239
30.00	-10.00	0.00194	40.00	-10.00	0.00135
50.00	-10.00	0.00099	60.00	-10.00	0.00076

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

70.00	-10.00	0.00060	80.00	-10.00	0.00048
90.00	-10.00	0.00040	100.00	-10.00	0.00034
-100.00	0.00	0.00100	-90.00	0.00	0.00117
-80.00	0.00	0.00138	-70.00	0.00	0.00164
-60.00	0.00	0.00197	-50.00	0.00	0.00238
-40.00	0.00	0.00291	-30.00	0.00	0.00356
-25.00	0.00	0.00397	-20.00	0.00	0.00454
-17.00	0.00	0.00501	-15.00	0.00	0.00541
-13.00	0.00	0.00591	-11.00	0.00	0.00655
-9.00	0.00	0.00737	9.00	0.00	0.00588
11.00	0.00	0.00518	13.00	0.00	0.00462
15.00	0.00	0.00416	17.00	0.00	0.00377
20.00	0.00	0.00329	25.00	0.00	0.00266
30.00	0.00	0.00218	40.00	0.00	0.00152
50.00	0.00	0.00111	60.00	0.00	0.00085
70.00	0.00	0.00066	80.00	0.00	0.00054
90.00	0.00	0.00044	100.00	0.00	0.00037
-100.00	10.00	0.00089	-90.00	10.00	0.00104
-80.00	10.00	0.00122	-70.00	10.00	0.00145
-60.00	10.00	0.00174	-50.00	10.00	0.00211
-40.00	10.00	0.00261	-30.00	10.00	0.00330
-25.00	10.00	0.00377	-20.00	10.00	0.00440
-17.00	10.00	0.00493	-15.00	10.00	0.00537
-13.00	10.00	0.00592	-11.00	10.00	0.00660
-9.00	10.00	0.00746	9.00	10.00	0.00615
11.00	10.00	0.00543	13.00	10.00	0.00487
15.00	10.00	0.00440	17.00	10.00	0.00400

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
 PAGE 73

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00349	25.00	10.00	0.00285
30.00	10.00	0.00237	40.00	10.00	0.00168
50.00	10.00	0.00123	60.00	10.00	0.00094
70.00	10.00	0.00073	80.00	10.00	0.00059
90.00	10.00	0.00048	100.00	10.00	0.00040
-100.00	20.00	0.00078	-90.00	20.00	0.00090
-80.00	20.00	0.00105	-70.00	20.00	0.00124

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-60.00	20.00	0.00149	-50.00	20.00	0.00182
-40.00	20.00	0.00227	-30.00	20.00	0.00294
-25.00	20.00	0.00344	-20.00	20.00	0.00413
-17.00	20.00	0.00469	-15.00	20.00	0.00516
-13.00	20.00	0.00572	-11.00	20.00	0.00642
-9.00	20.00	0.00731	9.00	20.00	0.00627
11.00	20.00	0.00555	13.00	20.00	0.00500
15.00	20.00	0.00454	17.00	20.00	0.00414
20.00	20.00	0.00365	25.00	20.00	0.00300
30.00	20.00	0.00251	40.00	20.00	0.00181
50.00	20.00	0.00135	60.00	20.00	0.00102
70.00	20.00	0.00080	80.00	20.00	0.00064
90.00	20.00	0.00052	100.00	20.00	0.00043
-100.00	30.00	0.00067	-90.00	30.00	0.00077
-80.00	30.00	0.00089	-70.00	30.00	0.00105
-60.00	30.00	0.00125	-50.00	30.00	0.00152
-40.00	30.00	0.00190	-30.00	30.00	0.00251
-25.00	30.00	0.00299	-20.00	30.00	0.00367
-17.00	30.00	0.00425	-15.00	30.00	0.00472
-13.00	30.00	0.00529	-11.00	30.00	0.00600
-9.00	30.00	0.00688	9.00	30.00	0.00628
11.00	30.00	0.00559	13.00	30.00	0.00506
15.00	30.00	0.00462	17.00	30.00	0.00424
20.00	30.00	0.00376	25.00	30.00	0.00312
30.00	30.00	0.00263	40.00	30.00	0.00192
50.00	30.00	0.00144	60.00	30.00	0.00110
70.00	30.00	0.00086	80.00	30.00	0.00069
90.00	30.00	0.00056	100.00	30.00	0.00046
-100.00	40.00	0.00058	-90.00	40.00	0.00066
-80.00	40.00	0.00076	-70.00	40.00	0.00088
-60.00	40.00	0.00104	-50.00	40.00	0.00126
-40.00	40.00	0.00158	-30.00	40.00	0.00210
-25.00	40.00	0.00252	-20.00	40.00	0.00313

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00364	-15.00	40.00	0.00406

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-13.00	40.00	0.00457	-11.00	40.00	0.00521
-9.00	40.00	0.00602	9.00	40.00	0.00625
11.00	40.00	0.00562	13.00	40.00	0.00509
15.00	40.00	0.00467	17.00	40.00	0.00431
20.00	40.00	0.00383	25.00	40.00	0.00320
30.00	40.00	0.00270	40.00	40.00	0.00199
50.00	40.00	0.00150	60.00	40.00	0.00116
70.00	40.00	0.00091	80.00	40.00	0.00072
90.00	40.00	0.00059	100.00	40.00	0.00049
-100.00	50.00	0.00051	-90.00	50.00	0.00057
-80.00	50.00	0.00066	-70.00	50.00	0.00076
-60.00	50.00	0.00089	-50.00	50.00	0.00108
-40.00	50.00	0.00137	-30.00	50.00	0.00185
-25.00	50.00	0.00224	-20.00	50.00	0.00280
-17.00	50.00	0.00326	-15.00	50.00	0.00363
-13.00	50.00	0.00408	-11.00	50.00	0.00462
-9.00	50.00	0.00528	9.00	50.00	0.00586
11.00	50.00	0.00536	13.00	50.00	0.00491
15.00	50.00	0.00452	17.00	50.00	0.00418
20.00	50.00	0.00373	25.00	50.00	0.00313
30.00	50.00	0.00266	40.00	50.00	0.00198
50.00	50.00	0.00152	60.00	50.00	0.00118
70.00	50.00	0.00093	80.00	50.00	0.00075
90.00	50.00	0.00061	100.00	50.00	0.00051
-100.00	60.00	0.00045	-90.00	60.00	0.00050
-80.00	60.00	0.00057	-70.00	60.00	0.00067
-60.00	60.00	0.00079	-50.00	60.00	0.00097
-40.00	60.00	0.00125	-30.00	60.00	0.00175
-25.00	60.00	0.00215	-20.00	60.00	0.00272
-17.00	60.00	0.00318	-15.00	60.00	0.00354
-13.00	60.00	0.00396	-11.00	60.00	0.00443
-9.00	60.00	0.00493	9.00	60.00	0.00486
11.00	60.00	0.00454	13.00	60.00	0.00425
15.00	60.00	0.00398	17.00	60.00	0.00373
20.00	60.00	0.00339	25.00	60.00	0.00291
30.00	60.00	0.00251	40.00	60.00	0.00191
50.00	60.00	0.00149	60.00	60.00	0.00117
70.00	60.00	0.00094	80.00	60.00	0.00076
90.00	60.00	0.00062	100.00	60.00	0.00052

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:37:33

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	70.00	0.00040	-90.00	70.00	0.00045	
-80.00	70.00	0.00051	-70.00	70.00	0.00060	
-60.00	70.00	0.00072	-50.00	70.00	0.00091	
-40.00	70.00	0.00120	-30.00	70.00	0.00172	
-25.00	70.00	0.00211	-20.00	70.00	0.00264	
-17.00	70.00	0.00303	-15.00	70.00	0.00333	
-13.00	70.00	0.00364	-11.00	70.00	0.00396	
-9.00	70.00	0.00427	9.00	70.00	0.00399	
11.00	70.00	0.00377	13.00	70.00	0.00356	
15.00	70.00	0.00337	17.00	70.00	0.00319	
20.00	70.00	0.00295	25.00	70.00	0.00260	
30.00	70.00	0.00229	40.00	70.00	0.00180	
50.00	70.00	0.00143	60.00	70.00	0.00115	
70.00	70.00	0.00093	80.00	70.00	0.00076	
90.00	70.00	0.00063	100.00	70.00	0.00052	
-100.00	80.00	0.00036	-90.00	80.00	0.00041	
-80.00	80.00	0.00047	-70.00	80.00	0.00056	
-60.00	80.00	0.00069	-50.00	80.00	0.00088	
-40.00	80.00	0.00118	-30.00	80.00	0.00167	
-25.00	80.00	0.00202	-20.00	80.00	0.00247	
-17.00	80.00	0.00278	-15.00	80.00	0.00299	
-13.00	80.00	0.00321	-11.00	80.00	0.00341	
-9.00	80.00	0.00359	9.00	80.00	0.00331	
11.00	80.00	0.00316	13.00	80.00	0.00300	
15.00	80.00	0.00286	17.00	80.00	0.00273	
20.00	80.00	0.00254	25.00	80.00	0.00227	
30.00	80.00	0.00204	40.00	80.00	0.00165	
50.00	80.00	0.00134	60.00	80.00	0.00110	
70.00	80.00	0.00091	80.00	80.00	0.00075	
90.00	80.00	0.00062	100.00	80.00	0.00052	
-100.00	90.00	0.00034	-90.00	90.00	0.00039	
-80.00	90.00	0.00045	-70.00	90.00	0.00054	
-60.00	90.00	0.00067	-50.00	90.00	0.00085	
-40.00	90.00	0.00114	-30.00	90.00	0.00159	
-25.00	90.00	0.00189	-20.00	90.00	0.00225	
-17.00	90.00	0.00248	-15.00	90.00	0.00263	
-13.00	90.00	0.00277	-11.00	90.00	0.00289	
-9.00	90.00	0.00300	9.00	90.00	0.00277	
11.00	90.00	0.00266	13.00	90.00	0.00255	

15.00 90.00 0.00245 17.00 90.00 0.00234

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
 PAGE 76

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00220	25.00	90.00	0.00198
30.00	90.00	0.00180	40.00	90.00	0.00149
50.00	90.00	0.00124	60.00	90.00	0.00104
70.00	90.00	0.00087	80.00	90.00	0.00073
90.00	90.00	0.00062	100.00	90.00	0.00052
-100.00	100.00	0.00032	-90.00	100.00	0.00037
-80.00	100.00	0.00044	-70.00	100.00	0.00052
-60.00	100.00	0.00065	-50.00	100.00	0.00083
-40.00	100.00	0.00110	-30.00	100.00	0.00149
-25.00	100.00	0.00174	-20.00	100.00	0.00202
-17.00	100.00	0.00218	-15.00	100.00	0.00228
-13.00	100.00	0.00238	-11.00	100.00	0.00246
-9.00	100.00	0.00252	9.00	100.00	0.00234
11.00	100.00	0.00227	13.00	100.00	0.00219
15.00	100.00	0.00211	17.00	100.00	0.00203
20.00	100.00	0.00191	25.00	100.00	0.00174
30.00	100.00	0.00159	40.00	100.00	0.00134
50.00	100.00	0.00114	60.00	100.00	0.00097
70.00	100.00	0.00083	80.00	100.00	0.00070
90.00	100.00	0.00060	100.00	100.00	0.00051
-100.00	110.00	0.00031	-90.00	110.00	0.00036
-80.00	110.00	0.00042	-70.00	110.00	0.00051
-60.00	110.00	0.00063	-50.00	110.00	0.00080
-40.00	110.00	0.00105	-30.00	110.00	0.00139
-25.00	110.00	0.00159	-20.00	110.00	0.00179
-17.00	110.00	0.00191	-15.00	110.00	0.00198
-13.00	110.00	0.00205	-11.00	110.00	0.00210
-9.00	110.00	0.00214	9.00	110.00	0.00200
11.00	110.00	0.00194	13.00	110.00	0.00188
15.00	110.00	0.00182	17.00	110.00	0.00176
20.00	110.00	0.00167	25.00	110.00	0.00153
30.00	110.00	0.00141	40.00	110.00	0.00120
50.00	110.00	0.00104	60.00	110.00	0.00090

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

70.00	110.00	0.00078	80.00	110.00	0.00067
90.00	110.00	0.00058	100.00	110.00	0.00050
-100.00	120.00	0.00030	-90.00	120.00	0.00035
-80.00	120.00	0.00041	-70.00	120.00	0.00049
-60.00	120.00	0.00061	-50.00	120.00	0.00077
-40.00	120.00	0.00099	-30.00	120.00	0.00128
-25.00	120.00	0.00144	-20.00	120.00	0.00159

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:
 PAGE 77

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00168	-15.00	120.00	0.00173
-13.00	120.00	0.00177	-11.00	120.00	0.00181
-9.00	120.00	0.00183	9.00	120.00	0.00172
11.00	120.00	0.00168	13.00	120.00	0.00164
15.00	120.00	0.00159	17.00	120.00	0.00154
20.00	120.00	0.00147	25.00	120.00	0.00136
30.00	120.00	0.00126	40.00	120.00	0.00108
50.00	120.00	0.00094	60.00	120.00	0.00083
70.00	120.00	0.00073	80.00	120.00	0.00064
90.00	120.00	0.00056	100.00	120.00	0.00049
-100.00	130.00	0.00029	-90.00	130.00	0.00034
-80.00	130.00	0.00040	-70.00	130.00	0.00048
-60.00	130.00	0.00059	-50.00	130.00	0.00073
-40.00	130.00	0.00093	-30.00	130.00	0.00117
-25.00	130.00	0.00130	-20.00	130.00	0.00142
-17.00	130.00	0.00148	-15.00	130.00	0.00151
-13.00	130.00	0.00154	-11.00	130.00	0.00157
-9.00	130.00	0.00159	9.00	130.00	0.00149
11.00	130.00	0.00146	13.00	130.00	0.00143
15.00	130.00	0.00140	17.00	130.00	0.00136
20.00	130.00	0.00131	25.00	130.00	0.00121
30.00	130.00	0.00113	40.00	130.00	0.00098
50.00	130.00	0.00086	60.00	130.00	0.00076
70.00	130.00	0.00067	80.00	130.00	0.00060
90.00	130.00	0.00053	100.00	130.00	0.00047
-100.00	140.00	0.00028	-90.00	140.00	0.00033
-80.00	140.00	0.00039	-70.00	140.00	0.00046

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-60.00	140.00	0.00057	-50.00	140.00	0.00070
-40.00	140.00	0.00087	-30.00	140.00	0.00107
-25.00	140.00	0.00117	-20.00	140.00	0.00126
-17.00	140.00	0.00131	-15.00	140.00	0.00133
-13.00	140.00	0.00135	-11.00	140.00	0.00137
-9.00	140.00	0.00138	9.00	140.00	0.00131
11.00	140.00	0.00129	13.00	140.00	0.00126
15.00	140.00	0.00123	17.00	140.00	0.00121
20.00	140.00	0.00116	25.00	140.00	0.00109
30.00	140.00	0.00102	40.00	140.00	0.00089
50.00	140.00	0.00078	60.00	140.00	0.00070
70.00	140.00	0.00062	80.00	140.00	0.00056
90.00	140.00	0.00050	100.00	140.00	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:
 PAGE 78

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00028	-90.00	150.00	0.00032
-80.00	150.00	0.00038	-70.00	150.00	0.00045
-60.00	150.00	0.00054	-50.00	150.00	0.00067
-40.00	150.00	0.00082	-30.00	150.00	0.00098
-25.00	150.00	0.00106	-20.00	150.00	0.00113
-17.00	150.00	0.00116	-15.00	150.00	0.00118
-13.00	150.00	0.00120	-11.00	150.00	0.00121
-9.00	150.00	0.00122	9.00	150.00	0.00116
11.00	150.00	0.00114	13.00	150.00	0.00112
15.00	150.00	0.00110	17.00	150.00	0.00107
20.00	150.00	0.00104	25.00	150.00	0.00098
30.00	150.00	0.00092	40.00	150.00	0.00081
50.00	150.00	0.00072	60.00	150.00	0.00064
70.00	150.00	0.00058	80.00	150.00	0.00052
90.00	150.00	0.00047	100.00	150.00	0.00043
-100.00	160.00	0.00027	-90.00	160.00	0.00031
-80.00	160.00	0.00036	-70.00	160.00	0.00043
-60.00	160.00	0.00052	-50.00	160.00	0.00063
-40.00	160.00	0.00076	-30.00	160.00	0.00090
-25.00	160.00	0.00096	-20.00	160.00	0.00101
-17.00	160.00	0.00104	-15.00	160.00	0.00105

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-13.00	160.00	0.00106	-11.00	160.00	0.00107
-9.00	160.00	0.00108	9.00	160.00	0.00103
11.00	160.00	0.00101	13.00	160.00	0.00100
15.00	160.00	0.00098	17.00	160.00	0.00096
20.00	160.00	0.00093	25.00	160.00	0.00089
30.00	160.00	0.00084	40.00	160.00	0.00074
50.00	160.00	0.00066	60.00	160.00	0.00059
70.00	160.00	0.00053	80.00	160.00	0.00049
90.00	160.00	0.00044	100.00	160.00	0.00040
-100.00	170.00	0.00026	-90.00	170.00	0.00030
-80.00	170.00	0.00035	-70.00	170.00	0.00042
-60.00	170.00	0.00050	-50.00	170.00	0.00060
-40.00	170.00	0.00071	-30.00	170.00	0.00082
-25.00	170.00	0.00087	-20.00	170.00	0.00091
-17.00	170.00	0.00093	-15.00	170.00	0.00094
-13.00	170.00	0.00095	-11.00	170.00	0.00096
-9.00	170.00	0.00096	9.00	170.00	0.00092
11.00	170.00	0.00091	13.00	170.00	0.00090
15.00	170.00	0.00088	17.00	170.00	0.00087

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

16:37:33

**MODELOPTs:

PAGE 79

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00084	25.00	170.00	0.00080
30.00	170.00	0.00076	40.00	170.00	0.00068
50.00	170.00	0.00061	60.00	170.00	0.00055
70.00	170.00	0.00050	80.00	170.00	0.00045
90.00	170.00	0.00042	100.00	170.00	0.00038
-100.00	180.00	0.00026	-90.00	180.00	0.00029
-80.00	180.00	0.00034	-70.00	180.00	0.00040
-60.00	180.00	0.00048	-50.00	180.00	0.00056
-40.00	180.00	0.00066	-30.00	180.00	0.00075
-25.00	180.00	0.00079	-20.00	180.00	0.00083
-17.00	180.00	0.00084	-15.00	180.00	0.00085
-13.00	180.00	0.00086	-11.00	180.00	0.00086
-9.00	180.00	0.00086	9.00	180.00	0.00083
11.00	180.00	0.00082	13.00	180.00	0.00081
15.00	180.00	0.00080	17.00	180.00	0.00078

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

20.00	180.00	0.00077	25.00	180.00	0.00073
30.00	180.00	0.00070	40.00	180.00	0.00063
50.00	180.00	0.00056	60.00	180.00	0.00051
70.00	180.00	0.00046	80.00	180.00	0.00042
90.00	180.00	0.00039	100.00	180.00	0.00036
-100.00	190.00	0.00025	-90.00	190.00	0.00028
-80.00	190.00	0.00033	-70.00	190.00	0.00039
-60.00	190.00	0.00046	-50.00	190.00	0.00053
-40.00	190.00	0.00062	-30.00	190.00	0.00069
-25.00	190.00	0.00073	-20.00	190.00	0.00075
-17.00	190.00	0.00076	-15.00	190.00	0.00077
-13.00	190.00	0.00078	-11.00	190.00	0.00078
-9.00	190.00	0.00078	9.00	190.00	0.00075
11.00	190.00	0.00074	13.00	190.00	0.00073
15.00	190.00	0.00072	17.00	190.00	0.00071
20.00	190.00	0.00070	25.00	190.00	0.00067
30.00	190.00	0.00064	40.00	190.00	0.00058
50.00	190.00	0.00052	60.00	190.00	0.00048
70.00	190.00	0.00043	80.00	190.00	0.00040
90.00	190.00	0.00037	100.00	190.00	0.00034
-100.00	200.00	0.00024	-90.00	200.00	0.00028
-80.00	200.00	0.00032	-70.00	200.00	0.00037
-60.00	200.00	0.00043	-50.00	200.00	0.00050
-40.00	200.00	0.00058	-30.00	200.00	0.00064
-25.00	200.00	0.00067	-20.00	200.00	0.00069

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

16:37:33

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00070	-15.00	200.00	0.00070
-13.00	200.00	0.00070	-11.00	200.00	0.00071
-9.00	200.00	0.00071	9.00	200.00	0.00068
11.00	200.00	0.00068	13.00	200.00	0.00067
15.00	200.00	0.00066	17.00	200.00	0.00065
20.00	200.00	0.00064	25.00	200.00	0.00061
30.00	200.00	0.00059	40.00	200.00	0.00054
50.00	200.00	0.00049	60.00	200.00	0.00044
70.00	200.00	0.00041	80.00	200.00	0.00037

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

90.00	200.00	0.00035	100.00	200.00	0.00032
-100.00	210.00	0.00023	-90.00	210.00	0.00027
-80.00	210.00	0.00031	-70.00	210.00	0.00036
-60.00	210.00	0.00041	-50.00	210.00	0.00048
-40.00	210.00	0.00054	-30.00	210.00	0.00059
-25.00	210.00	0.00061	-20.00	210.00	0.00063
-17.00	210.00	0.00064	-15.00	210.00	0.00064
-13.00	210.00	0.00064	-11.00	210.00	0.00065
-9.00	210.00	0.00065	9.00	210.00	0.00062
11.00	210.00	0.00062	13.00	210.00	0.00061
15.00	210.00	0.00060	17.00	210.00	0.00060
20.00	210.00	0.00059	25.00	210.00	0.00057
30.00	210.00	0.00054	40.00	210.00	0.00050
50.00	210.00	0.00046	60.00	210.00	0.00042
70.00	210.00	0.00038	80.00	210.00	0.00035
90.00	210.00	0.00033	100.00	210.00	0.00030
-100.00	220.00	0.00023	-90.00	220.00	0.00026
-80.00	220.00	0.00030	-70.00	220.00	0.00034
-60.00	220.00	0.00040	-50.00	220.00	0.00045
-40.00	220.00	0.00050	-30.00	220.00	0.00055
-25.00	220.00	0.00056	-20.00	220.00	0.00058
-17.00	220.00	0.00058	-15.00	220.00	0.00059
-13.00	220.00	0.00059	-11.00	220.00	0.00059
-9.00	220.00	0.00059	9.00	220.00	0.00057
11.00	220.00	0.00057	13.00	220.00	0.00056
15.00	220.00	0.00056	17.00	220.00	0.00055
20.00	220.00	0.00054	25.00	220.00	0.00052
30.00	220.00	0.00050	40.00	220.00	0.00047
50.00	220.00	0.00043	60.00	220.00	0.00039
70.00	220.00	0.00036	80.00	220.00	0.00033
90.00	220.00	0.00031	100.00	220.00	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:
 PAGE 81

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00022	-90.00	230.00	0.00025
-80.00	230.00	0.00029	-70.00	230.00	0.00033
-60.00	230.00	0.00038	-50.00	230.00	0.00042

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-40.00	230.00	0.00047	-30.00	230.00	0.00051
-25.00	230.00	0.00052	-20.00	230.00	0.00053
-17.00	230.00	0.00054	-15.00	230.00	0.00054
-13.00	230.00	0.00054	-11.00	230.00	0.00054
-9.00	230.00	0.00054	9.00	230.00	0.00053
11.00	230.00	0.00052	13.00	230.00	0.00052
15.00	230.00	0.00051	17.00	230.00	0.00051
20.00	230.00	0.00050	25.00	230.00	0.00048
30.00	230.00	0.00047	40.00	230.00	0.00043
50.00	230.00	0.00040	60.00	230.00	0.00037
70.00	230.00	0.00034	80.00	230.00	0.00031
90.00	230.00	0.00029	100.00	230.00	0.00027
-100.00	240.00	0.00022	-90.00	240.00	0.00025
-80.00	240.00	0.00028	-70.00	240.00	0.00032
-60.00	240.00	0.00036	-50.00	240.00	0.00040
-40.00	240.00	0.00044	-30.00	240.00	0.00047
-25.00	240.00	0.00048	-20.00	240.00	0.00049
-17.00	240.00	0.00050	-15.00	240.00	0.00050
-13.00	240.00	0.00050	-11.00	240.00	0.00050
-9.00	240.00	0.00050	9.00	240.00	0.00049
11.00	240.00	0.00048	13.00	240.00	0.00048
15.00	240.00	0.00047	17.00	240.00	0.00047
20.00	240.00	0.00046	25.00	240.00	0.00045
30.00	240.00	0.00044	40.00	240.00	0.00041
50.00	240.00	0.00038	60.00	240.00	0.00035
70.00	240.00	0.00032	80.00	240.00	0.00030
90.00	240.00	0.00028	100.00	240.00	0.00026
-100.00	250.00	0.00021	-90.00	250.00	0.00024
-80.00	250.00	0.00027	-70.00	250.00	0.00030
-60.00	250.00	0.00034	-50.00	250.00	0.00038
-40.00	250.00	0.00041	-30.00	250.00	0.00044
-25.00	250.00	0.00045	-20.00	250.00	0.00046
-17.00	250.00	0.00046	-15.00	250.00	0.00046
-13.00	250.00	0.00046	-11.00	250.00	0.00046
-9.00	250.00	0.00047	9.00	250.00	0.00045
11.00	250.00	0.00045	13.00	250.00	0.00044
15.00	250.00	0.00044	17.00	250.00	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:
 PAGE 82

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

03NCRA_NAPA97-300 DPM TRAV ANN N-S Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00043	25.00	250.00	0.00042
30.00	250.00	0.00041	40.00	250.00	0.00038
50.00	250.00	0.00035	60.00	250.00	0.00033
70.00	250.00	0.00030	80.00	250.00	0.00028
90.00	250.00	0.00026	100.00	250.00	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 83
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00060	-90.00	-250.00	0.00062
-80.00	-250.00	0.00065	-70.00	-250.00	0.00067
-60.00	-250.00	0.00070	-50.00	-250.00	0.00072
-40.00	-250.00	0.00073	-30.00	-250.00	0.00073
-25.00	-250.00	0.00072	-20.00	-250.00	0.00070
-17.00	-250.00	0.00069	-15.00	-250.00	0.00068
-13.00	-250.00	0.00067	-11.00	-250.00	0.00067
-9.00	-250.00	0.00065	9.00	-250.00	0.00054
11.00	-250.00	0.00053	13.00	-250.00	0.00051
15.00	-250.00	0.00050	17.00	-250.00	0.00049
20.00	-250.00	0.00047	25.00	-250.00	0.00044
30.00	-250.00	0.00041	40.00	-250.00	0.00037
50.00	-250.00	0.00032	60.00	-250.00	0.00029
70.00	-250.00	0.00026	80.00	-250.00	0.00023
90.00	-250.00	0.00020	100.00	-250.00	0.00017
-100.00	-240.00	0.00066	-90.00	-240.00	0.00069
-80.00	-240.00	0.00072	-70.00	-240.00	0.00074
-60.00	-240.00	0.00077	-50.00	-240.00	0.00080
-40.00	-240.00	0.00082	-30.00	-240.00	0.00082
-25.00	-240.00	0.00081	-20.00	-240.00	0.00080
-17.00	-240.00	0.00079	-15.00	-240.00	0.00078
-13.00	-240.00	0.00077	-11.00	-240.00	0.00075
-9.00	-240.00	0.00074	9.00	-240.00	0.00060
11.00	-240.00	0.00059	13.00	-240.00	0.00057
15.00	-240.00	0.00056	17.00	-240.00	0.00054
20.00	-240.00	0.00052	25.00	-240.00	0.00049

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

30.00	-240.00	0.00045	40.00	-240.00	0.00040
50.00	-240.00	0.00035	60.00	-240.00	0.00031
70.00	-240.00	0.00027	80.00	-240.00	0.00024
90.00	-240.00	0.00021	100.00	-240.00	0.00018
-100.00	-230.00	0.00073	-90.00	-230.00	0.00076
-80.00	-230.00	0.00079	-70.00	-230.00	0.00083
-60.00	-230.00	0.00086	-50.00	-230.00	0.00090
-40.00	-230.00	0.00092	-30.00	-230.00	0.00093
-25.00	-230.00	0.00093	-20.00	-230.00	0.00091
-17.00	-230.00	0.00090	-15.00	-230.00	0.00089
-13.00	-230.00	0.00088	-11.00	-230.00	0.00086
-9.00	-230.00	0.00085	9.00	-230.00	0.00068
11.00	-230.00	0.00066	13.00	-230.00	0.00064
15.00	-230.00	0.00062	17.00	-230.00	0.00060

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00058	25.00	-230.00	0.00054
30.00	-230.00	0.00050	40.00	-230.00	0.00043
50.00	-230.00	0.00038	60.00	-230.00	0.00033
70.00	-230.00	0.00028	80.00	-230.00	0.00025
90.00	-230.00	0.00021	100.00	-230.00	0.00018
-100.00	-220.00	0.00081	-90.00	-220.00	0.00085
-80.00	-220.00	0.00089	-70.00	-220.00	0.00093
-60.00	-220.00	0.00097	-50.00	-220.00	0.00101
-40.00	-220.00	0.00105	-30.00	-220.00	0.00107
-25.00	-220.00	0.00106	-20.00	-220.00	0.00105
-17.00	-220.00	0.00104	-15.00	-220.00	0.00102
-13.00	-220.00	0.00101	-11.00	-220.00	0.00099
-9.00	-220.00	0.00098	9.00	-220.00	0.00077
11.00	-220.00	0.00075	13.00	-220.00	0.00072
15.00	-220.00	0.00070	17.00	-220.00	0.00068
20.00	-220.00	0.00065	25.00	-220.00	0.00060
30.00	-220.00	0.00055	40.00	-220.00	0.00047
50.00	-220.00	0.00041	60.00	-220.00	0.00035
70.00	-220.00	0.00030	80.00	-220.00	0.00025
90.00	-220.00	0.00022	100.00	-220.00	0.00019

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-100.00	-210.00	0.00089	-90.00	-210.00	0.00094
-80.00	-210.00	0.00100	-70.00	-210.00	0.00105
-60.00	-210.00	0.00109	-50.00	-210.00	0.00114
-40.00	-210.00	0.00120	-30.00	-210.00	0.00123
-25.00	-210.00	0.00123	-20.00	-210.00	0.00122
-17.00	-210.00	0.00120	-15.00	-210.00	0.00119
-13.00	-210.00	0.00118	-11.00	-210.00	0.00116
-9.00	-210.00	0.00114	9.00	-210.00	0.00088
11.00	-210.00	0.00085	13.00	-210.00	0.00082
15.00	-210.00	0.00079	17.00	-210.00	0.00076
20.00	-210.00	0.00072	25.00	-210.00	0.00067
30.00	-210.00	0.00061	40.00	-210.00	0.00052
50.00	-210.00	0.00044	60.00	-210.00	0.00037
70.00	-210.00	0.00031	80.00	-210.00	0.00026
90.00	-210.00	0.00022	100.00	-210.00	0.00019
-100.00	-200.00	0.00097	-90.00	-200.00	0.00104
-80.00	-200.00	0.00111	-70.00	-200.00	0.00118
-60.00	-200.00	0.00125	-50.00	-200.00	0.00131
-40.00	-200.00	0.00137	-30.00	-200.00	0.00142
-25.00	-200.00	0.00143	-20.00	-200.00	0.00143

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTS:
 PAGE 85
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00142	-15.00	-200.00	0.00140
-13.00	-200.00	0.00139	-11.00	-200.00	0.00136
-9.00	-200.00	0.00134	9.00	-200.00	0.00101
11.00	-200.00	0.00097	13.00	-200.00	0.00093
15.00	-200.00	0.00090	17.00	-200.00	0.00086
20.00	-200.00	0.00082	25.00	-200.00	0.00074
30.00	-200.00	0.00068	40.00	-200.00	0.00057
50.00	-200.00	0.00047	60.00	-200.00	0.00039
70.00	-200.00	0.00032	80.00	-200.00	0.00027
90.00	-200.00	0.00023	100.00	-200.00	0.00020
-100.00	-190.00	0.00105	-90.00	-190.00	0.00114
-80.00	-190.00	0.00124	-70.00	-190.00	0.00134
-60.00	-190.00	0.00143	-50.00	-190.00	0.00151
-40.00	-190.00	0.00158	-30.00	-190.00	0.00166

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-25.00	-190.00	0.00168	-20.00	-190.00	0.00169
-17.00	-190.00	0.00168	-15.00	-190.00	0.00167
-13.00	-190.00	0.00165	-11.00	-190.00	0.00163
-9.00	-190.00	0.00160	9.00	-190.00	0.00117
11.00	-190.00	0.00112	13.00	-190.00	0.00107
15.00	-190.00	0.00102	17.00	-190.00	0.00098
20.00	-190.00	0.00092	25.00	-190.00	0.00083
30.00	-190.00	0.00075	40.00	-190.00	0.00061
50.00	-190.00	0.00050	60.00	-190.00	0.00041
70.00	-190.00	0.00034	80.00	-190.00	0.00028
90.00	-190.00	0.00023	100.00	-190.00	0.00020
-100.00	-180.00	0.00112	-90.00	-180.00	0.00124
-80.00	-180.00	0.00137	-70.00	-180.00	0.00150
-60.00	-180.00	0.00163	-50.00	-180.00	0.00175
-40.00	-180.00	0.00185	-30.00	-180.00	0.00195
-25.00	-180.00	0.00199	-20.00	-180.00	0.00201
-17.00	-180.00	0.00201	-15.00	-180.00	0.00200
-13.00	-180.00	0.00199	-11.00	-180.00	0.00196
-9.00	-180.00	0.00193	9.00	-180.00	0.00136
11.00	-180.00	0.00129	13.00	-180.00	0.00123
15.00	-180.00	0.00117	17.00	-180.00	0.00112
20.00	-180.00	0.00104	25.00	-180.00	0.00093
30.00	-180.00	0.00083	40.00	-180.00	0.00066
50.00	-180.00	0.00052	60.00	-180.00	0.00042
70.00	-180.00	0.00035	80.00	-180.00	0.00029
90.00	-180.00	0.00024	100.00	-180.00	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00120	-90.00	-170.00	0.00134
-80.00	-170.00	0.00149	-70.00	-170.00	0.00166
-60.00	-170.00	0.00184	-50.00	-170.00	0.00202
-40.00	-170.00	0.00218	-30.00	-170.00	0.00231
-25.00	-170.00	0.00236	-20.00	-170.00	0.00240
-17.00	-170.00	0.00242	-15.00	-170.00	0.00242
-13.00	-170.00	0.00241	-11.00	-170.00	0.00239
-9.00	-170.00	0.00235	9.00	-170.00	0.00159

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

11.00	-170.00	0.00150	13.00	-170.00	0.00142
15.00	-170.00	0.00134	17.00	-170.00	0.00127
20.00	-170.00	0.00117	25.00	-170.00	0.00102
30.00	-170.00	0.00090	40.00	-170.00	0.00069
50.00	-170.00	0.00055	60.00	-170.00	0.00044
70.00	-170.00	0.00035	80.00	-170.00	0.00029
90.00	-170.00	0.00024	100.00	-170.00	0.00021
-100.00	-160.00	0.00125	-90.00	-160.00	0.00142
-80.00	-160.00	0.00161	-70.00	-160.00	0.00182
-60.00	-160.00	0.00205	-50.00	-160.00	0.00230
-40.00	-160.00	0.00255	-30.00	-160.00	0.00276
-25.00	-160.00	0.00284	-20.00	-160.00	0.00289
-17.00	-160.00	0.00292	-15.00	-160.00	0.00293
-13.00	-160.00	0.00294	-11.00	-160.00	0.00293
-9.00	-160.00	0.00290	9.00	-160.00	0.00185
11.00	-160.00	0.00173	13.00	-160.00	0.00162
15.00	-160.00	0.00152	17.00	-160.00	0.00142
20.00	-160.00	0.00129	25.00	-160.00	0.00111
30.00	-160.00	0.00096	40.00	-160.00	0.00073
50.00	-160.00	0.00057	60.00	-160.00	0.00045
70.00	-160.00	0.00036	80.00	-160.00	0.00030
90.00	-160.00	0.00025	100.00	-160.00	0.00021
-100.00	-150.00	0.00129	-90.00	-150.00	0.00148
-80.00	-150.00	0.00171	-70.00	-150.00	0.00196
-60.00	-150.00	0.00224	-50.00	-150.00	0.00256
-40.00	-150.00	0.00290	-30.00	-150.00	0.00324
-25.00	-150.00	0.00339	-20.00	-150.00	0.00352
-17.00	-150.00	0.00357	-15.00	-150.00	0.00360
-13.00	-150.00	0.00362	-11.00	-150.00	0.00363
-9.00	-150.00	0.00362	9.00	-150.00	0.00214
11.00	-150.00	0.00197	13.00	-150.00	0.00181
15.00	-150.00	0.00168	17.00	-150.00	0.00155

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTS:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00140	25.00	-150.00	0.00118
30.00	-150.00	0.00101	40.00	-150.00	0.00076

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

50.00	-150.00	0.00059	60.00	-150.00	0.00046
70.00	-150.00	0.00038	80.00	-150.00	0.00031
90.00	-150.00	0.00026	100.00	-150.00	0.00022
-100.00	-140.00	0.00130	-90.00	-140.00	0.00151
-80.00	-140.00	0.00176	-70.00	-140.00	0.00205
-60.00	-140.00	0.00238	-50.00	-140.00	0.00277
-40.00	-140.00	0.00321	-30.00	-140.00	0.00368
-25.00	-140.00	0.00392	-20.00	-140.00	0.00416
-17.00	-140.00	0.00431	-15.00	-140.00	0.00441
-13.00	-140.00	0.00450	-11.00	-140.00	0.00461
-9.00	-140.00	0.00471	9.00	-140.00	0.00239
11.00	-140.00	0.00216	13.00	-140.00	0.00196
15.00	-140.00	0.00180	17.00	-140.00	0.00167
20.00	-140.00	0.00149	25.00	-140.00	0.00125
30.00	-140.00	0.00107	40.00	-140.00	0.00080
50.00	-140.00	0.00062	60.00	-140.00	0.00049
70.00	-140.00	0.00040	80.00	-140.00	0.00033
90.00	-140.00	0.00028	100.00	-140.00	0.00024
-100.00	-130.00	0.00128	-90.00	-130.00	0.00150
-80.00	-130.00	0.00176	-70.00	-130.00	0.00207
-60.00	-130.00	0.00244	-50.00	-130.00	0.00287
-40.00	-130.00	0.00336	-30.00	-130.00	0.00391
-25.00	-130.00	0.00421	-20.00	-130.00	0.00454
-17.00	-130.00	0.00476	-15.00	-130.00	0.00491
-13.00	-130.00	0.00508	-11.00	-130.00	0.00530
-9.00	-130.00	0.00556	9.00	-130.00	0.00288
11.00	-130.00	0.00255	13.00	-130.00	0.00230
15.00	-130.00	0.00209	17.00	-130.00	0.00192
20.00	-130.00	0.00171	25.00	-130.00	0.00142
30.00	-130.00	0.00120	40.00	-130.00	0.00089
50.00	-130.00	0.00068	60.00	-130.00	0.00053
70.00	-130.00	0.00043	80.00	-130.00	0.00036
90.00	-130.00	0.00030	100.00	-130.00	0.00025
-100.00	-120.00	0.00124	-90.00	-120.00	0.00145
-80.00	-120.00	0.00172	-70.00	-120.00	0.00204
-60.00	-120.00	0.00243	-50.00	-120.00	0.00288
-40.00	-120.00	0.00338	-30.00	-120.00	0.00395
-25.00	-120.00	0.00426	-20.00	-120.00	0.00459

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTS:
 PAGE 88

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

03NCRA NAPA97-300_DPM_TRAV_ANN N-S Bound
 INCLUDING SOURCE(S) : NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00483	-15.00	-120.00	0.00501
-13.00	-120.00	0.00523	-11.00	-120.00	0.00551
-9.00	-120.00	0.00593	9.00	-120.00	0.00393
11.00	-120.00	0.00342	13.00	-120.00	0.00302
15.00	-120.00	0.00271	17.00	-120.00	0.00244
20.00	-120.00	0.00212	25.00	-120.00	0.00171
30.00	-120.00	0.00142	40.00	-120.00	0.00102
50.00	-120.00	0.00077	60.00	-120.00	0.00060
70.00	-120.00	0.00048	80.00	-120.00	0.00039
90.00	-120.00	0.00033	100.00	-120.00	0.00028
-100.00	-110.00	0.00118	-90.00	-110.00	0.00138
-80.00	-110.00	0.00164	-70.00	-110.00	0.00195
-60.00	-110.00	0.00233	-50.00	-110.00	0.00279
-40.00	-110.00	0.00330	-30.00	-110.00	0.00387
-25.00	-110.00	0.00419	-20.00	-110.00	0.00458
-17.00	-110.00	0.00489	-15.00	-110.00	0.00514
-13.00	-110.00	0.00547	-11.00	-110.00	0.00590
-9.00	-110.00	0.00652	9.00	-110.00	0.00481
11.00	-110.00	0.00420	13.00	-110.00	0.00373
15.00	-110.00	0.00334	17.00	-110.00	0.00300
20.00	-110.00	0.00259	25.00	-110.00	0.00206
30.00	-110.00	0.00168	40.00	-110.00	0.00118
50.00	-110.00	0.00087	60.00	-110.00	0.00067
70.00	-110.00	0.00054	80.00	-110.00	0.00044
90.00	-110.00	0.00036	100.00	-110.00	0.00031
-100.00	-100.00	0.00110	-90.00	-100.00	0.00129
-80.00	-100.00	0.00152	-70.00	-100.00	0.00181
-60.00	-100.00	0.00217	-50.00	-100.00	0.00262
-40.00	-100.00	0.00313	-30.00	-100.00	0.00374
-25.00	-100.00	0.00410	-20.00	-100.00	0.00458
-17.00	-100.00	0.00497	-15.00	-100.00	0.00531
-13.00	-100.00	0.00574	-11.00	-100.00	0.00630
-9.00	-100.00	0.00705	9.00	-100.00	0.00545
11.00	-100.00	0.00478	13.00	-100.00	0.00425
15.00	-100.00	0.00382	17.00	-100.00	0.00346
20.00	-100.00	0.00299	25.00	-100.00	0.00239
30.00	-100.00	0.00194	40.00	-100.00	0.00135
50.00	-100.00	0.00099	60.00	-100.00	0.00076
70.00	-100.00	0.00060	80.00	-100.00	0.00048
90.00	-100.00	0.00040	100.00	-100.00	0.00034

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:37:33

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00100	-90.00	-90.00	0.00117
-80.00	-90.00	0.00138	-70.00	-90.00	0.00164
-60.00	-90.00	0.00197	-50.00	-90.00	0.00238
-40.00	-90.00	0.00291	-30.00	-90.00	0.00356
-25.00	-90.00	0.00397	-20.00	-90.00	0.00454
-17.00	-90.00	0.00501	-15.00	-90.00	0.00541
-13.00	-90.00	0.00591	-11.00	-90.00	0.00655
-9.00	-90.00	0.00737	9.00	-90.00	0.00588
11.00	-90.00	0.00518	13.00	-90.00	0.00462
15.00	-90.00	0.00416	17.00	-90.00	0.00377
20.00	-90.00	0.00329	25.00	-90.00	0.00266
30.00	-90.00	0.00218	40.00	-90.00	0.00152
50.00	-90.00	0.00111	60.00	-90.00	0.00085
70.00	-90.00	0.00066	80.00	-90.00	0.00054
90.00	-90.00	0.00044	100.00	-90.00	0.00037
-100.00	-80.00	0.00089	-90.00	-80.00	0.00104
-80.00	-80.00	0.00122	-70.00	-80.00	0.00145
-60.00	-80.00	0.00174	-50.00	-80.00	0.00211
-40.00	-80.00	0.00261	-30.00	-80.00	0.00330
-25.00	-80.00	0.00377	-20.00	-80.00	0.00440
-17.00	-80.00	0.00493	-15.00	-80.00	0.00537
-13.00	-80.00	0.00592	-11.00	-80.00	0.00660
-9.00	-80.00	0.00746	9.00	-80.00	0.00615
11.00	-80.00	0.00543	13.00	-80.00	0.00487
15.00	-80.00	0.00440	17.00	-80.00	0.00400
20.00	-80.00	0.00349	25.00	-80.00	0.00285
30.00	-80.00	0.00237	40.00	-80.00	0.00168
50.00	-80.00	0.00123	60.00	-80.00	0.00094
70.00	-80.00	0.00073	80.00	-80.00	0.00059
90.00	-80.00	0.00048	100.00	-80.00	0.00040
-100.00	-70.00	0.00078	-90.00	-70.00	0.00090
-80.00	-70.00	0.00105	-70.00	-70.00	0.00124
-60.00	-70.00	0.00149	-50.00	-70.00	0.00182
-40.00	-70.00	0.00227	-30.00	-70.00	0.00294

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-25.00	-70.00	0.00344	-20.00	-70.00	0.00413
-17.00	-70.00	0.00469	-15.00	-70.00	0.00516
-13.00	-70.00	0.00572	-11.00	-70.00	0.00642
-9.00	-70.00	0.00731	9.00	-70.00	0.00627
11.00	-70.00	0.00555	13.00	-70.00	0.00500
15.00	-70.00	0.00454	17.00	-70.00	0.00414

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

PAGE 90

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00365	25.00	-70.00	0.00300
30.00	-70.00	0.00251	40.00	-70.00	0.00181
50.00	-70.00	0.00135	60.00	-70.00	0.00102
70.00	-70.00	0.00080	80.00	-70.00	0.00064
90.00	-70.00	0.00052	100.00	-70.00	0.00043
-100.00	-60.00	0.00067	-90.00	-60.00	0.00077
-80.00	-60.00	0.00089	-70.00	-60.00	0.00105
-60.00	-60.00	0.00125	-50.00	-60.00	0.00152
-40.00	-60.00	0.00190	-30.00	-60.00	0.00251
-25.00	-60.00	0.00299	-20.00	-60.00	0.00367
-17.00	-60.00	0.00425	-15.00	-60.00	0.00472
-13.00	-60.00	0.00529	-11.00	-60.00	0.00600
-9.00	-60.00	0.00688	9.00	-60.00	0.00628
11.00	-60.00	0.00559	13.00	-60.00	0.00506
15.00	-60.00	0.00462	17.00	-60.00	0.00424
20.00	-60.00	0.00376	25.00	-60.00	0.00312
30.00	-60.00	0.00263	40.00	-60.00	0.00192
50.00	-60.00	0.00144	60.00	-60.00	0.00110
70.00	-60.00	0.00086	80.00	-60.00	0.00069
90.00	-60.00	0.00056	100.00	-60.00	0.00046
-100.00	-50.00	0.00058	-90.00	-50.00	0.00066
-80.00	-50.00	0.00076	-70.00	-50.00	0.00088
-60.00	-50.00	0.00104	-50.00	-50.00	0.00126
-40.00	-50.00	0.00158	-30.00	-50.00	0.00210
-25.00	-50.00	0.00252	-20.00	-50.00	0.00313
-17.00	-50.00	0.00364	-15.00	-50.00	0.00406
-13.00	-50.00	0.00457	-11.00	-50.00	0.00521
-9.00	-50.00	0.00602	9.00	-50.00	0.00625

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

11.00	-50.00	0.00562	13.00	-50.00	0.00509
15.00	-50.00	0.00467	17.00	-50.00	0.00431
20.00	-50.00	0.00383	25.00	-50.00	0.00320
30.00	-50.00	0.00270	40.00	-50.00	0.00199
50.00	-50.00	0.00150	60.00	-50.00	0.00116
70.00	-50.00	0.00091	80.00	-50.00	0.00072
90.00	-50.00	0.00059	100.00	-50.00	0.00049
-100.00	-40.00	0.00051	-90.00	-40.00	0.00057
-80.00	-40.00	0.00066	-70.00	-40.00	0.00076
-60.00	-40.00	0.00089	-50.00	-40.00	0.00108
-40.00	-40.00	0.00137	-30.00	-40.00	0.00185
-25.00	-40.00	0.00224	-20.00	-40.00	0.00280

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 91
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00326	-15.00	-40.00	0.00363
-13.00	-40.00	0.00408	-11.00	-40.00	0.00462
-9.00	-40.00	0.00528	9.00	-40.00	0.00586
11.00	-40.00	0.00536	13.00	-40.00	0.00491
15.00	-40.00	0.00452	17.00	-40.00	0.00418
20.00	-40.00	0.00373	25.00	-40.00	0.00313
30.00	-40.00	0.00266	40.00	-40.00	0.00198
50.00	-40.00	0.00152	60.00	-40.00	0.00118
70.00	-40.00	0.00093	80.00	-40.00	0.00075
90.00	-40.00	0.00061	100.00	-40.00	0.00051
-100.00	-30.00	0.00045	-90.00	-30.00	0.00050
-80.00	-30.00	0.00057	-70.00	-30.00	0.00067
-60.00	-30.00	0.00079	-50.00	-30.00	0.00097
-40.00	-30.00	0.00125	-30.00	-30.00	0.00175
-25.00	-30.00	0.00215	-20.00	-30.00	0.00272
-17.00	-30.00	0.00318	-15.00	-30.00	0.00354
-13.00	-30.00	0.00396	-11.00	-30.00	0.00443
-9.00	-30.00	0.00493	9.00	-30.00	0.00486
11.00	-30.00	0.00454	13.00	-30.00	0.00425
15.00	-30.00	0.00398	17.00	-30.00	0.00373
20.00	-30.00	0.00339	25.00	-30.00	0.00291
30.00	-30.00	0.00251	40.00	-30.00	0.00191

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

50.00	-30.00	0.00149	60.00	-30.00	0.00117
70.00	-30.00	0.00094	80.00	-30.00	0.00076
90.00	-30.00	0.00062	100.00	-30.00	0.00052
-100.00	-20.00	0.00040	-90.00	-20.00	0.00045
-80.00	-20.00	0.00051	-70.00	-20.00	0.00060
-60.00	-20.00	0.00072	-50.00	-20.00	0.00091
-40.00	-20.00	0.00120	-30.00	-20.00	0.00172
-25.00	-20.00	0.00211	-20.00	-20.00	0.00264
-17.00	-20.00	0.00303	-15.00	-20.00	0.00333
-13.00	-20.00	0.00364	-11.00	-20.00	0.00396
-9.00	-20.00	0.00427	9.00	-20.00	0.00399
11.00	-20.00	0.00377	13.00	-20.00	0.00356
15.00	-20.00	0.00337	17.00	-20.00	0.00319
20.00	-20.00	0.00295	25.00	-20.00	0.00260
30.00	-20.00	0.00229	40.00	-20.00	0.00180
50.00	-20.00	0.00143	60.00	-20.00	0.00115
70.00	-20.00	0.00093	80.00	-20.00	0.00076
90.00	-20.00	0.00063	100.00	-20.00	0.00052

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00036	-90.00	-10.00	0.00041
-80.00	-10.00	0.00047	-70.00	-10.00	0.00056
-60.00	-10.00	0.00069	-50.00	-10.00	0.00088
-40.00	-10.00	0.00118	-30.00	-10.00	0.00167
-25.00	-10.00	0.00202	-20.00	-10.00	0.00247
-17.00	-10.00	0.00278	-15.00	-10.00	0.00299
-13.00	-10.00	0.00321	-11.00	-10.00	0.00341
-9.00	-10.00	0.00359	9.00	-10.00	0.00331
11.00	-10.00	0.00316	13.00	-10.00	0.00300
15.00	-10.00	0.00286	17.00	-10.00	0.00273
20.00	-10.00	0.00254	25.00	-10.00	0.00227
30.00	-10.00	0.00204	40.00	-10.00	0.00165
50.00	-10.00	0.00134	60.00	-10.00	0.00110
70.00	-10.00	0.00091	80.00	-10.00	0.00075
90.00	-10.00	0.00062	100.00	-10.00	0.00052
-100.00	0.00	0.00034	-90.00	0.00	0.00039

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-80.00	0.00	0.00045	-70.00	0.00	0.00054
-60.00	0.00	0.00067	-50.00	0.00	0.00085
-40.00	0.00	0.00114	-30.00	0.00	0.00159
-25.00	0.00	0.00189	-20.00	0.00	0.00225
-17.00	0.00	0.00248	-15.00	0.00	0.00263
-13.00	0.00	0.00277	-11.00	0.00	0.00289
-9.00	0.00	0.00300	9.00	0.00	0.00277
11.00	0.00	0.00266	13.00	0.00	0.00255
15.00	0.00	0.00245	17.00	0.00	0.00234
20.00	0.00	0.00220	25.00	0.00	0.00198
30.00	0.00	0.00180	40.00	0.00	0.00149
50.00	0.00	0.00124	60.00	0.00	0.00104
70.00	0.00	0.00087	80.00	0.00	0.00073
90.00	0.00	0.00062	100.00	0.00	0.00052
-100.00	10.00	0.00032	-90.00	10.00	0.00037
-80.00	10.00	0.00044	-70.00	10.00	0.00052
-60.00	10.00	0.00065	-50.00	10.00	0.00083
-40.00	10.00	0.00110	-30.00	10.00	0.00149
-25.00	10.00	0.00174	-20.00	10.00	0.00202
-17.00	10.00	0.00218	-15.00	10.00	0.00228
-13.00	10.00	0.00238	-11.00	10.00	0.00246
-9.00	10.00	0.00252	9.00	10.00	0.00234
11.00	10.00	0.00227	13.00	10.00	0.00219
15.00	10.00	0.00211	17.00	10.00	0.00203

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 93
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00191	25.00	10.00	0.00174
30.00	10.00	0.00159	40.00	10.00	0.00134
50.00	10.00	0.00114	60.00	10.00	0.00097
70.00	10.00	0.00083	80.00	10.00	0.00070
90.00	10.00	0.00060	100.00	10.00	0.00051
-100.00	20.00	0.00031	-90.00	20.00	0.00036
-80.00	20.00	0.00042	-70.00	20.00	0.00051
-60.00	20.00	0.00063	-50.00	20.00	0.00080
-40.00	20.00	0.00105	-30.00	20.00	0.00139
-25.00	20.00	0.00159	-20.00	20.00	0.00179

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-17.00	20.00	0.00191	-15.00	20.00	0.00198
-13.00	20.00	0.00205	-11.00	20.00	0.00210
-9.00	20.00	0.00214	9.00	20.00	0.00200
11.00	20.00	0.00194	13.00	20.00	0.00188
15.00	20.00	0.00182	17.00	20.00	0.00176
20.00	20.00	0.00167	25.00	20.00	0.00153
30.00	20.00	0.00141	40.00	20.00	0.00120
50.00	20.00	0.00104	60.00	20.00	0.00090
70.00	20.00	0.00078	80.00	20.00	0.00067
90.00	20.00	0.00058	100.00	20.00	0.00050
-100.00	30.00	0.00030	-90.00	30.00	0.00035
-80.00	30.00	0.00041	-70.00	30.00	0.00049
-60.00	30.00	0.00061	-50.00	30.00	0.00077
-40.00	30.00	0.00099	-30.00	30.00	0.00128
-25.00	30.00	0.00144	-20.00	30.00	0.00159
-17.00	30.00	0.00168	-15.00	30.00	0.00173
-13.00	30.00	0.00177	-11.00	30.00	0.00181
-9.00	30.00	0.00183	9.00	30.00	0.00172
11.00	30.00	0.00168	13.00	30.00	0.00164
15.00	30.00	0.00159	17.00	30.00	0.00154
20.00	30.00	0.00147	25.00	30.00	0.00136
30.00	30.00	0.00126	40.00	30.00	0.00108
50.00	30.00	0.00094	60.00	30.00	0.00083
70.00	30.00	0.00073	80.00	30.00	0.00064
90.00	30.00	0.00056	100.00	30.00	0.00049
-100.00	40.00	0.00029	-90.00	40.00	0.00034
-80.00	40.00	0.00040	-70.00	40.00	0.00048
-60.00	40.00	0.00059	-50.00	40.00	0.00073
-40.00	40.00	0.00093	-30.00	40.00	0.00117
-25.00	40.00	0.00130	-20.00	40.00	0.00142

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 94
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00148	-15.00	40.00	0.00151
-13.00	40.00	0.00154	-11.00	40.00	0.00157
-9.00	40.00	0.00159	9.00	40.00	0.00149
11.00	40.00	0.00146	13.00	40.00	0.00143

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

15.00	40.00	0.00140	17.00	40.00	0.00136
20.00	40.00	0.00131	25.00	40.00	0.00121
30.00	40.00	0.00113	40.00	40.00	0.00098
50.00	40.00	0.00086	60.00	40.00	0.00076
70.00	40.00	0.00067	80.00	40.00	0.00060
90.00	40.00	0.00053	100.00	40.00	0.00047
-100.00	50.00	0.00028	-90.00	50.00	0.00033
-80.00	50.00	0.00039	-70.00	50.00	0.00046
-60.00	50.00	0.00057	-50.00	50.00	0.00070
-40.00	50.00	0.00087	-30.00	50.00	0.00107
-25.00	50.00	0.00117	-20.00	50.00	0.00126
-17.00	50.00	0.00131	-15.00	50.00	0.00133
-13.00	50.00	0.00135	-11.00	50.00	0.00137
-9.00	50.00	0.00138	9.00	50.00	0.00131
11.00	50.00	0.00129	13.00	50.00	0.00126
15.00	50.00	0.00123	17.00	50.00	0.00121
20.00	50.00	0.00116	25.00	50.00	0.00109
30.00	50.00	0.00102	40.00	50.00	0.00089
50.00	50.00	0.00078	60.00	50.00	0.00070
70.00	50.00	0.00062	80.00	50.00	0.00056
90.00	50.00	0.00050	100.00	50.00	0.00045
-100.00	60.00	0.00028	-90.00	60.00	0.00032
-80.00	60.00	0.00038	-70.00	60.00	0.00045
-60.00	60.00	0.00054	-50.00	60.00	0.00067
-40.00	60.00	0.00082	-30.00	60.00	0.00098
-25.00	60.00	0.00106	-20.00	60.00	0.00113
-17.00	60.00	0.00116	-15.00	60.00	0.00118
-13.00	60.00	0.00120	-11.00	60.00	0.00121
-9.00	60.00	0.00122	9.00	60.00	0.00116
11.00	60.00	0.00114	13.00	60.00	0.00112
15.00	60.00	0.00110	17.00	60.00	0.00107
20.00	60.00	0.00104	25.00	60.00	0.00098
30.00	60.00	0.00092	40.00	60.00	0.00081
50.00	60.00	0.00072	60.00	60.00	0.00064
70.00	60.00	0.00058	80.00	60.00	0.00052
90.00	60.00	0.00047	100.00	60.00	0.00043

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00027	-90.00	70.00	0.00031
-80.00	70.00	0.00036	-70.00	70.00	0.00043
-60.00	70.00	0.00052	-50.00	70.00	0.00063
-40.00	70.00	0.00076	-30.00	70.00	0.00090
-25.00	70.00	0.00096	-20.00	70.00	0.00101
-17.00	70.00	0.00104	-15.00	70.00	0.00105
-13.00	70.00	0.00106	-11.00	70.00	0.00107
-9.00	70.00	0.00108	9.00	70.00	0.00103
11.00	70.00	0.00101	13.00	70.00	0.00100
15.00	70.00	0.00098	17.00	70.00	0.00096
20.00	70.00	0.00093	25.00	70.00	0.00089
30.00	70.00	0.00084	40.00	70.00	0.00074
50.00	70.00	0.00066	60.00	70.00	0.00059
70.00	70.00	0.00053	80.00	70.00	0.00049
90.00	70.00	0.00044	100.00	70.00	0.00040
-100.00	80.00	0.00026	-90.00	80.00	0.00030
-80.00	80.00	0.00035	-70.00	80.00	0.00042
-60.00	80.00	0.00050	-50.00	80.00	0.00060
-40.00	80.00	0.00071	-30.00	80.00	0.00082
-25.00	80.00	0.00087	-20.00	80.00	0.00091
-17.00	80.00	0.00093	-15.00	80.00	0.00094
-13.00	80.00	0.00095	-11.00	80.00	0.00096
-9.00	80.00	0.00096	9.00	80.00	0.00092
11.00	80.00	0.00091	13.00	80.00	0.00090
15.00	80.00	0.00088	17.00	80.00	0.00087
20.00	80.00	0.00084	25.00	80.00	0.00080
30.00	80.00	0.00076	40.00	80.00	0.00068
50.00	80.00	0.00061	60.00	80.00	0.00055
70.00	80.00	0.00050	80.00	80.00	0.00045
90.00	80.00	0.00042	100.00	80.00	0.00038
-100.00	90.00	0.00026	-90.00	90.00	0.00029
-80.00	90.00	0.00034	-70.00	90.00	0.00040
-60.00	90.00	0.00048	-50.00	90.00	0.00056
-40.00	90.00	0.00066	-30.00	90.00	0.00075
-25.00	90.00	0.00079	-20.00	90.00	0.00083
-17.00	90.00	0.00084	-15.00	90.00	0.00085
-13.00	90.00	0.00086	-11.00	90.00	0.00086
-9.00	90.00	0.00086	9.00	90.00	0.00083
11.00	90.00	0.00082	13.00	90.00	0.00081
15.00	90.00	0.00080	17.00	90.00	0.00078

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:37:33

**MODELOPTS:
PAGE 96

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	90.00	0.00077	25.00	90.00	0.00073	
30.00	90.00	0.00070	40.00	90.00	0.00063	
50.00	90.00	0.00056	60.00	90.00	0.00051	
70.00	90.00	0.00046	80.00	90.00	0.00042	
90.00	90.00	0.00039	100.00	90.00	0.00036	
-100.00	100.00	0.00025	-90.00	100.00	0.00028	
-80.00	100.00	0.00033	-70.00	100.00	0.00039	
-60.00	100.00	0.00046	-50.00	100.00	0.00053	
-40.00	100.00	0.00062	-30.00	100.00	0.00069	
-25.00	100.00	0.00073	-20.00	100.00	0.00075	
-17.00	100.00	0.00076	-15.00	100.00	0.00077	
-13.00	100.00	0.00078	-11.00	100.00	0.00078	
-9.00	100.00	0.00078	9.00	100.00	0.00075	
11.00	100.00	0.00074	13.00	100.00	0.00073	
15.00	100.00	0.00072	17.00	100.00	0.00071	
20.00	100.00	0.00070	25.00	100.00	0.00067	
30.00	100.00	0.00064	40.00	100.00	0.00058	
50.00	100.00	0.00052	60.00	100.00	0.00048	
70.00	100.00	0.00043	80.00	100.00	0.00040	
90.00	100.00	0.00037	100.00	100.00	0.00034	
-100.00	110.00	0.00024	-90.00	110.00	0.00028	
-80.00	110.00	0.00032	-70.00	110.00	0.00037	
-60.00	110.00	0.00043	-50.00	110.00	0.00050	
-40.00	110.00	0.00058	-30.00	110.00	0.00064	
-25.00	110.00	0.00067	-20.00	110.00	0.00069	
-17.00	110.00	0.00070	-15.00	110.00	0.00070	
-13.00	110.00	0.00070	-11.00	110.00	0.00071	
-9.00	110.00	0.00071	9.00	110.00	0.00068	
11.00	110.00	0.00068	13.00	110.00	0.00067	
15.00	110.00	0.00066	17.00	110.00	0.00065	
20.00	110.00	0.00064	25.00	110.00	0.00061	
30.00	110.00	0.00059	40.00	110.00	0.00054	
50.00	110.00	0.00049	60.00	110.00	0.00044	
70.00	110.00	0.00041	80.00	110.00	0.00037	
90.00	110.00	0.00035	100.00	110.00	0.00032	
-100.00	120.00	0.00023	-90.00	120.00	0.00027	

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-80.00	120.00	0.00031	-70.00	120.00	0.00036
-60.00	120.00	0.00041	-50.00	120.00	0.00048
-40.00	120.00	0.00054	-30.00	120.00	0.00059
-25.00	120.00	0.00061	-20.00	120.00	0.00063

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00064	-15.00	120.00	0.00064
-13.00	120.00	0.00064	-11.00	120.00	0.00065
-9.00	120.00	0.00065	9.00	120.00	0.00062
11.00	120.00	0.00062	13.00	120.00	0.00061
15.00	120.00	0.00060	17.00	120.00	0.00060
20.00	120.00	0.00059	25.00	120.00	0.00057
30.00	120.00	0.00054	40.00	120.00	0.00050
50.00	120.00	0.00046	60.00	120.00	0.00042
70.00	120.00	0.00038	80.00	120.00	0.00035
90.00	120.00	0.00033	100.00	120.00	0.00030
-100.00	130.00	0.00023	-90.00	130.00	0.00026
-80.00	130.00	0.00030	-70.00	130.00	0.00034
-60.00	130.00	0.00040	-50.00	130.00	0.00045
-40.00	130.00	0.00050	-30.00	130.00	0.00055
-25.00	130.00	0.00056	-20.00	130.00	0.00058
-17.00	130.00	0.00058	-15.00	130.00	0.00059
-13.00	130.00	0.00059	-11.00	130.00	0.00059
-9.00	130.00	0.00059	9.00	130.00	0.00057
11.00	130.00	0.00057	13.00	130.00	0.00056
15.00	130.00	0.00056	17.00	130.00	0.00055
20.00	130.00	0.00054	25.00	130.00	0.00052
30.00	130.00	0.00050	40.00	130.00	0.00047
50.00	130.00	0.00043	60.00	130.00	0.00039
70.00	130.00	0.00036	80.00	130.00	0.00033
90.00	130.00	0.00031	100.00	130.00	0.00029
-100.00	140.00	0.00022	-90.00	140.00	0.00025
-80.00	140.00	0.00029	-70.00	140.00	0.00033
-60.00	140.00	0.00038	-50.00	140.00	0.00042
-40.00	140.00	0.00047	-30.00	140.00	0.00051
-25.00	140.00	0.00052	-20.00	140.00	0.00053

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-17.00	140.00	0.00054	-15.00	140.00	0.00054
-13.00	140.00	0.00054	-11.00	140.00	0.00054
-9.00	140.00	0.00054	9.00	140.00	0.00053
11.00	140.00	0.00052	13.00	140.00	0.00052
15.00	140.00	0.00051	17.00	140.00	0.00051
20.00	140.00	0.00050	25.00	140.00	0.00048
30.00	140.00	0.00047	40.00	140.00	0.00043
50.00	140.00	0.00040	60.00	140.00	0.00037
70.00	140.00	0.00034	80.00	140.00	0.00031
90.00	140.00	0.00029	100.00	140.00	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00022	-90.00	150.00	0.00025
-80.00	150.00	0.00028	-70.00	150.00	0.00032
-60.00	150.00	0.00036	-50.00	150.00	0.00040
-40.00	150.00	0.00044	-30.00	150.00	0.00047
-25.00	150.00	0.00048	-20.00	150.00	0.00049
-17.00	150.00	0.00050	-15.00	150.00	0.00050
-13.00	150.00	0.00050	-11.00	150.00	0.00050
-9.00	150.00	0.00050	9.00	150.00	0.00049
11.00	150.00	0.00048	13.00	150.00	0.00048
15.00	150.00	0.00047	17.00	150.00	0.00047
20.00	150.00	0.00046	25.00	150.00	0.00045
30.00	150.00	0.00044	40.00	150.00	0.00041
50.00	150.00	0.00038	60.00	150.00	0.00035
70.00	150.00	0.00032	80.00	150.00	0.00030
90.00	150.00	0.00028	100.00	150.00	0.00026
-100.00	160.00	0.00021	-90.00	160.00	0.00024
-80.00	160.00	0.00027	-70.00	160.00	0.00030
-60.00	160.00	0.00034	-50.00	160.00	0.00038
-40.00	160.00	0.00041	-30.00	160.00	0.00044
-25.00	160.00	0.00045	-20.00	160.00	0.00046
-17.00	160.00	0.00046	-15.00	160.00	0.00046
-13.00	160.00	0.00046	-11.00	160.00	0.00046
-9.00	160.00	0.00047	9.00	160.00	0.00045
11.00	160.00	0.00045	13.00	160.00	0.00044

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

15.00	160.00	0.00044	17.00	160.00	0.00044
20.00	160.00	0.00043	25.00	160.00	0.00042
30.00	160.00	0.00041	40.00	160.00	0.00038
50.00	160.00	0.00035	60.00	160.00	0.00033
70.00	160.00	0.00030	80.00	160.00	0.00028
90.00	160.00	0.00026	100.00	160.00	0.00025
-100.00	170.00	0.00021	-90.00	170.00	0.00023
-80.00	170.00	0.00026	-70.00	170.00	0.00029
-60.00	170.00	0.00033	-50.00	170.00	0.00036
-40.00	170.00	0.00039	-30.00	170.00	0.00041
-25.00	170.00	0.00042	-20.00	170.00	0.00043
-17.00	170.00	0.00043	-15.00	170.00	0.00043
-13.00	170.00	0.00043	-11.00	170.00	0.00043
-9.00	170.00	0.00043	9.00	170.00	0.00042
11.00	170.00	0.00042	13.00	170.00	0.00041
15.00	170.00	0.00041	17.00	170.00	0.00041

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00040	25.00	170.00	0.00039
30.00	170.00	0.00038	40.00	170.00	0.00036
50.00	170.00	0.00033	60.00	170.00	0.00031
70.00	170.00	0.00029	80.00	170.00	0.00027
90.00	170.00	0.00025	100.00	170.00	0.00023
-100.00	180.00	0.00020	-90.00	180.00	0.00022
-80.00	180.00	0.00025	-70.00	180.00	0.00028
-60.00	180.00	0.00031	-50.00	180.00	0.00034
-40.00	180.00	0.00037	-30.00	180.00	0.00039
-25.00	180.00	0.00039	-20.00	180.00	0.00040
-17.00	180.00	0.00040	-15.00	180.00	0.00040
-13.00	180.00	0.00040	-11.00	180.00	0.00040
-9.00	180.00	0.00040	9.00	180.00	0.00039
11.00	180.00	0.00039	13.00	180.00	0.00039
15.00	180.00	0.00038	17.00	180.00	0.00038
20.00	180.00	0.00038	25.00	180.00	0.00037
30.00	180.00	0.00036	40.00	180.00	0.00034
50.00	180.00	0.00031	60.00	180.00	0.00029

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

70.00	180.00	0.00027	80.00	180.00	0.00025
90.00	180.00	0.00024	100.00	180.00	0.00022
-100.00	190.00	0.00019	-90.00	190.00	0.00022
-80.00	190.00	0.00024	-70.00	190.00	0.00027
-60.00	190.00	0.00030	-50.00	190.00	0.00032
-40.00	190.00	0.00034	-30.00	190.00	0.00036
-25.00	190.00	0.00037	-20.00	190.00	0.00037
-17.00	190.00	0.00037	-15.00	190.00	0.00037
-13.00	190.00	0.00038	-11.00	190.00	0.00038
-9.00	190.00	0.00038	9.00	190.00	0.00037
11.00	190.00	0.00036	13.00	190.00	0.00036
15.00	190.00	0.00036	17.00	190.00	0.00036
20.00	190.00	0.00035	25.00	190.00	0.00034
30.00	190.00	0.00034	40.00	190.00	0.00032
50.00	190.00	0.00030	60.00	190.00	0.00028
70.00	190.00	0.00026	80.00	190.00	0.00024
90.00	190.00	0.00023	100.00	190.00	0.00021
-100.00	200.00	0.00019	-90.00	200.00	0.00021
-80.00	200.00	0.00023	-70.00	200.00	0.00026
-60.00	200.00	0.00028	-50.00	200.00	0.00031
-40.00	200.00	0.00033	-30.00	200.00	0.00034
-25.00	200.00	0.00035	-20.00	200.00	0.00035

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00035	-15.00	200.00	0.00035
-13.00	200.00	0.00035	-11.00	200.00	0.00035
-9.00	200.00	0.00035	9.00	200.00	0.00034
11.00	200.00	0.00034	13.00	200.00	0.00034
15.00	200.00	0.00034	17.00	200.00	0.00033
20.00	200.00	0.00033	25.00	200.00	0.00032
30.00	200.00	0.00032	40.00	200.00	0.00030
50.00	200.00	0.00028	60.00	200.00	0.00026
70.00	200.00	0.00025	80.00	200.00	0.00023
90.00	200.00	0.00022	100.00	200.00	0.00020
-100.00	210.00	0.00018	-90.00	210.00	0.00020
-80.00	210.00	0.00023	-70.00	210.00	0.00025

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-60.00	210.00	0.00027	-50.00	210.00	0.00029
-40.00	210.00	0.00031	-30.00	210.00	0.00032
-25.00	210.00	0.00032	-20.00	210.00	0.00033
-17.00	210.00	0.00033	-15.00	210.00	0.00033
-13.00	210.00	0.00033	-11.00	210.00	0.00033
-9.00	210.00	0.00033	9.00	210.00	0.00032
11.00	210.00	0.00032	13.00	210.00	0.00032
15.00	210.00	0.00032	17.00	210.00	0.00031
20.00	210.00	0.00031	25.00	210.00	0.00030
30.00	210.00	0.00030	40.00	210.00	0.00028
50.00	210.00	0.00027	60.00	210.00	0.00025
70.00	210.00	0.00024	80.00	210.00	0.00022
90.00	210.00	0.00021	100.00	210.00	0.00020
-100.00	220.00	0.00018	-90.00	220.00	0.00020
-80.00	220.00	0.00022	-70.00	220.00	0.00024
-60.00	220.00	0.00026	-50.00	220.00	0.00028
-40.00	220.00	0.00029	-30.00	220.00	0.00030
-25.00	220.00	0.00031	-20.00	220.00	0.00031
-17.00	220.00	0.00031	-15.00	220.00	0.00031
-13.00	220.00	0.00031	-11.00	220.00	0.00031
-9.00	220.00	0.00031	9.00	220.00	0.00030
11.00	220.00	0.00030	13.00	220.00	0.00030
15.00	220.00	0.00030	17.00	220.00	0.00030
20.00	220.00	0.00029	25.00	220.00	0.00029
30.00	220.00	0.00028	40.00	220.00	0.00027
50.00	220.00	0.00025	60.00	220.00	0.00024
70.00	220.00	0.00022	80.00	220.00	0.00021
90.00	220.00	0.00020	100.00	220.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00017	-90.00	230.00	0.00019
-80.00	230.00	0.00021	-70.00	230.00	0.00023
-60.00	230.00	0.00025	-50.00	230.00	0.00026
-40.00	230.00	0.00028	-30.00	230.00	0.00029
-25.00	230.00	0.00029	-20.00	230.00	0.00029
-17.00	230.00	0.00029	-15.00	230.00	0.00029

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-13.00	230.00	0.00029	-11.00	230.00	0.00029
-9.00	230.00	0.00029	9.00	230.00	0.00029
11.00	230.00	0.00028	13.00	230.00	0.00028
15.00	230.00	0.00028	17.00	230.00	0.00028
20.00	230.00	0.00028	25.00	230.00	0.00027
30.00	230.00	0.00027	40.00	230.00	0.00025
50.00	230.00	0.00024	60.00	230.00	0.00023
70.00	230.00	0.00021	80.00	230.00	0.00020
90.00	230.00	0.00019	100.00	230.00	0.00018
-100.00	240.00	0.00017	-90.00	240.00	0.00019
-80.00	240.00	0.00020	-70.00	240.00	0.00022
-60.00	240.00	0.00024	-50.00	240.00	0.00025
-40.00	240.00	0.00026	-30.00	240.00	0.00027
-25.00	240.00	0.00027	-20.00	240.00	0.00028
-17.00	240.00	0.00028	-15.00	240.00	0.00028
-13.00	240.00	0.00028	-11.00	240.00	0.00028
-9.00	240.00	0.00028	9.00	240.00	0.00027
11.00	240.00	0.00027	13.00	240.00	0.00027
15.00	240.00	0.00027	17.00	240.00	0.00026
20.00	240.00	0.00026	25.00	240.00	0.00026
30.00	240.00	0.00025	40.00	240.00	0.00024
50.00	240.00	0.00023	60.00	240.00	0.00022
70.00	240.00	0.00021	80.00	240.00	0.00019
90.00	240.00	0.00018	100.00	240.00	0.00017
-100.00	250.00	0.00016	-90.00	250.00	0.00018
-80.00	250.00	0.00020	-70.00	250.00	0.00021
-60.00	250.00	0.00023	-50.00	250.00	0.00024
-40.00	250.00	0.00025	-30.00	250.00	0.00026
-25.00	250.00	0.00026	-20.00	250.00	0.00026
-17.00	250.00	0.00026	-15.00	250.00	0.00026
-13.00	250.00	0.00026	-11.00	250.00	0.00026
-9.00	250.00	0.00026	9.00	250.00	0.00026
11.00	250.00	0.00025	13.00	250.00	0.00025
15.00	250.00	0.00025	17.00	250.00	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

20.00	250.00	0.00025	25.00	250.00	0.00024
30.00	250.00	0.00024	40.00	250.00	0.00023
50.00	250.00	0.00022	60.00	250.00	0.00021
70.00	250.00	0.00020	80.00	250.00	0.00019
90.00	250.00	0.00018	100.00	250.00	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 103
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00125	-90.00	-250.00	0.00142
-80.00	-250.00	0.00161	-70.00	-250.00	0.00182
-60.00	-250.00	0.00205	-50.00	-250.00	0.00230
-40.00	-250.00	0.00255	-30.00	-250.00	0.00276
-25.00	-250.00	0.00284	-20.00	-250.00	0.00289
-17.00	-250.00	0.00292	-15.00	-250.00	0.00293
-13.00	-250.00	0.00294	-11.00	-250.00	0.00293
-9.00	-250.00	0.00290	9.00	-250.00	0.00185
11.00	-250.00	0.00173	13.00	-250.00	0.00162
15.00	-250.00	0.00152	17.00	-250.00	0.00142
20.00	-250.00	0.00129	25.00	-250.00	0.00111
30.00	-250.00	0.00096	40.00	-250.00	0.00073
50.00	-250.00	0.00057	60.00	-250.00	0.00045
70.00	-250.00	0.00036	80.00	-250.00	0.00030
90.00	-250.00	0.00025	100.00	-250.00	0.00021
-100.00	-240.00	0.00129	-90.00	-240.00	0.00148
-80.00	-240.00	0.00171	-70.00	-240.00	0.00196
-60.00	-240.00	0.00224	-50.00	-240.00	0.00256
-40.00	-240.00	0.00290	-30.00	-240.00	0.00324
-25.00	-240.00	0.00339	-20.00	-240.00	0.00352
-17.00	-240.00	0.00357	-15.00	-240.00	0.00360
-13.00	-240.00	0.00362	-11.00	-240.00	0.00363
-9.00	-240.00	0.00362	9.00	-240.00	0.00214
11.00	-240.00	0.00197	13.00	-240.00	0.00181
15.00	-240.00	0.00168	17.00	-240.00	0.00155
20.00	-240.00	0.00140	25.00	-240.00	0.00118
30.00	-240.00	0.00101	40.00	-240.00	0.00076
50.00	-240.00	0.00059	60.00	-240.00	0.00046
70.00	-240.00	0.00038	80.00	-240.00	0.00031

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

90.00	-240.00	0.00026	100.00	-240.00	0.00022
-100.00	-230.00	0.00130	-90.00	-230.00	0.00151
-80.00	-230.00	0.00176	-70.00	-230.00	0.00205
-60.00	-230.00	0.00238	-50.00	-230.00	0.00277
-40.00	-230.00	0.00321	-30.00	-230.00	0.00368
-25.00	-230.00	0.00392	-20.00	-230.00	0.00416
-17.00	-230.00	0.00431	-15.00	-230.00	0.00441
-13.00	-230.00	0.00450	-11.00	-230.00	0.00461
-9.00	-230.00	0.00471	9.00	-230.00	0.00239
11.00	-230.00	0.00216	13.00	-230.00	0.00196
15.00	-230.00	0.00180	17.00	-230.00	0.00167

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 104
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00149	25.00	-230.00	0.00125
30.00	-230.00	0.00107	40.00	-230.00	0.00080
50.00	-230.00	0.00062	60.00	-230.00	0.00049
70.00	-230.00	0.00040	80.00	-230.00	0.00033
90.00	-230.00	0.00028	100.00	-230.00	0.00024
-100.00	-220.00	0.00128	-90.00	-220.00	0.00150
-80.00	-220.00	0.00176	-70.00	-220.00	0.00207
-60.00	-220.00	0.00244	-50.00	-220.00	0.00287
-40.00	-220.00	0.00336	-30.00	-220.00	0.00391
-25.00	-220.00	0.00421	-20.00	-220.00	0.00454
-17.00	-220.00	0.00476	-15.00	-220.00	0.00491
-13.00	-220.00	0.00508	-11.00	-220.00	0.00530
-9.00	-220.00	0.00556	9.00	-220.00	0.00288
11.00	-220.00	0.00255	13.00	-220.00	0.00230
15.00	-220.00	0.00209	17.00	-220.00	0.00192
20.00	-220.00	0.00171	25.00	-220.00	0.00142
30.00	-220.00	0.00120	40.00	-220.00	0.00089
50.00	-220.00	0.00068	60.00	-220.00	0.00053
70.00	-220.00	0.00043	80.00	-220.00	0.00036
90.00	-220.00	0.00030	100.00	-220.00	0.00025
-100.00	-210.00	0.00124	-90.00	-210.00	0.00145
-80.00	-210.00	0.00172	-70.00	-210.00	0.00204
-60.00	-210.00	0.00243	-50.00	-210.00	0.00288

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-40.00	-210.00	0.00338	-30.00	-210.00	0.00395
-25.00	-210.00	0.00426	-20.00	-210.00	0.00459
-17.00	-210.00	0.00483	-15.00	-210.00	0.00501
-13.00	-210.00	0.00523	-11.00	-210.00	0.00551
-9.00	-210.00	0.00593	9.00	-210.00	0.00393
11.00	-210.00	0.00342	13.00	-210.00	0.00302
15.00	-210.00	0.00271	17.00	-210.00	0.00244
20.00	-210.00	0.00212	25.00	-210.00	0.00171
30.00	-210.00	0.00142	40.00	-210.00	0.00102
50.00	-210.00	0.00077	60.00	-210.00	0.00060
70.00	-210.00	0.00048	80.00	-210.00	0.00039
90.00	-210.00	0.00033	100.00	-210.00	0.00028
-100.00	-200.00	0.00118	-90.00	-200.00	0.00138
-80.00	-200.00	0.00164	-70.00	-200.00	0.00195
-60.00	-200.00	0.00233	-50.00	-200.00	0.00279
-40.00	-200.00	0.00330	-30.00	-200.00	0.00387
-25.00	-200.00	0.00419	-20.00	-200.00	0.00458

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 105

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00489	-15.00	-200.00	0.00514
-13.00	-200.00	0.00547	-11.00	-200.00	0.00590
-9.00	-200.00	0.00652	9.00	-200.00	0.00481
11.00	-200.00	0.00420	13.00	-200.00	0.00373
15.00	-200.00	0.00334	17.00	-200.00	0.00300
20.00	-200.00	0.00259	25.00	-200.00	0.00206
30.00	-200.00	0.00168	40.00	-200.00	0.00118
50.00	-200.00	0.00087	60.00	-200.00	0.00067
70.00	-200.00	0.00054	80.00	-200.00	0.00044
90.00	-200.00	0.00036	100.00	-200.00	0.00031
-100.00	-190.00	0.00110	-90.00	-190.00	0.00129
-80.00	-190.00	0.00152	-70.00	-190.00	0.00181
-60.00	-190.00	0.00217	-50.00	-190.00	0.00262
-40.00	-190.00	0.00313	-30.00	-190.00	0.00374
-25.00	-190.00	0.00410	-20.00	-190.00	0.00458
-17.00	-190.00	0.00497	-15.00	-190.00	0.00531
-13.00	-190.00	0.00574	-11.00	-190.00	0.00630

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-9.00	-190.00	0.00705	9.00	-190.00	0.00545
11.00	-190.00	0.00478	13.00	-190.00	0.00425
15.00	-190.00	0.00382	17.00	-190.00	0.00346
20.00	-190.00	0.00299	25.00	-190.00	0.00239
30.00	-190.00	0.00194	40.00	-190.00	0.00135
50.00	-190.00	0.00099	60.00	-190.00	0.00076
70.00	-190.00	0.00060	80.00	-190.00	0.00048
90.00	-190.00	0.00040	100.00	-190.00	0.00034
-100.00	-180.00	0.00100	-90.00	-180.00	0.00117
-80.00	-180.00	0.00138	-70.00	-180.00	0.00164
-60.00	-180.00	0.00197	-50.00	-180.00	0.00238
-40.00	-180.00	0.00291	-30.00	-180.00	0.00356
-25.00	-180.00	0.00397	-20.00	-180.00	0.00454
-17.00	-180.00	0.00501	-15.00	-180.00	0.00541
-13.00	-180.00	0.00591	-11.00	-180.00	0.00655
-9.00	-180.00	0.00737	9.00	-180.00	0.00588
11.00	-180.00	0.00518	13.00	-180.00	0.00462
15.00	-180.00	0.00416	17.00	-180.00	0.00377
20.00	-180.00	0.00329	25.00	-180.00	0.00266
30.00	-180.00	0.00218	40.00	-180.00	0.00152
50.00	-180.00	0.00111	60.00	-180.00	0.00085
70.00	-180.00	0.00066	80.00	-180.00	0.00054
90.00	-180.00	0.00044	100.00	-180.00	0.00037

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTS:
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00089	-90.00	-170.00	0.00104
-80.00	-170.00	0.00122	-70.00	-170.00	0.00145
-60.00	-170.00	0.00174	-50.00	-170.00	0.00211
-40.00	-170.00	0.00261	-30.00	-170.00	0.00330
-25.00	-170.00	0.00377	-20.00	-170.00	0.00440
-17.00	-170.00	0.00493	-15.00	-170.00	0.00537
-13.00	-170.00	0.00592	-11.00	-170.00	0.00660
-9.00	-170.00	0.00746	9.00	-170.00	0.00615
11.00	-170.00	0.00543	13.00	-170.00	0.00487
15.00	-170.00	0.00440	17.00	-170.00	0.00400
20.00	-170.00	0.00349	25.00	-170.00	0.00285

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

30.00	-170.00	0.00237	40.00	-170.00	0.00168
50.00	-170.00	0.00123	60.00	-170.00	0.00094
70.00	-170.00	0.00073	80.00	-170.00	0.00059
90.00	-170.00	0.00048	100.00	-170.00	0.00040
-100.00	-160.00	0.00078	-90.00	-160.00	0.00090
-80.00	-160.00	0.00105	-70.00	-160.00	0.00124
-60.00	-160.00	0.00149	-50.00	-160.00	0.00182
-40.00	-160.00	0.00227	-30.00	-160.00	0.00294
-25.00	-160.00	0.00344	-20.00	-160.00	0.00413
-17.00	-160.00	0.00469	-15.00	-160.00	0.00516
-13.00	-160.00	0.00572	-11.00	-160.00	0.00642
-9.00	-160.00	0.00731	9.00	-160.00	0.00627
11.00	-160.00	0.00555	13.00	-160.00	0.00500
15.00	-160.00	0.00454	17.00	-160.00	0.00414
20.00	-160.00	0.00365	25.00	-160.00	0.00300
30.00	-160.00	0.00251	40.00	-160.00	0.00181
50.00	-160.00	0.00135	60.00	-160.00	0.00102
70.00	-160.00	0.00080	80.00	-160.00	0.00064
90.00	-160.00	0.00052	100.00	-160.00	0.00043
-100.00	-150.00	0.00067	-90.00	-150.00	0.00077
-80.00	-150.00	0.00089	-70.00	-150.00	0.00105
-60.00	-150.00	0.00125	-50.00	-150.00	0.00152
-40.00	-150.00	0.00190	-30.00	-150.00	0.00251
-25.00	-150.00	0.00299	-20.00	-150.00	0.00367
-17.00	-150.00	0.00425	-15.00	-150.00	0.00472
-13.00	-150.00	0.00529	-11.00	-150.00	0.00600
-9.00	-150.00	0.00688	9.00	-150.00	0.00628
11.00	-150.00	0.00559	13.00	-150.00	0.00506
15.00	-150.00	0.00462	17.00	-150.00	0.00424

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 107
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00376	25.00	-150.00	0.00312
30.00	-150.00	0.00263	40.00	-150.00	0.00192
50.00	-150.00	0.00144	60.00	-150.00	0.00110
70.00	-150.00	0.00086	80.00	-150.00	0.00069
90.00	-150.00	0.00056	100.00	-150.00	0.00046

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-100.00	-140.00	0.00058	-90.00	-140.00	0.00066
-80.00	-140.00	0.00076	-70.00	-140.00	0.00088
-60.00	-140.00	0.00104	-50.00	-140.00	0.00126
-40.00	-140.00	0.00158	-30.00	-140.00	0.00210
-25.00	-140.00	0.00252	-20.00	-140.00	0.00313
-17.00	-140.00	0.00364	-15.00	-140.00	0.00406
-13.00	-140.00	0.00457	-11.00	-140.00	0.00521
-9.00	-140.00	0.00602	9.00	-140.00	0.00625
11.00	-140.00	0.00562	13.00	-140.00	0.00509
15.00	-140.00	0.00467	17.00	-140.00	0.00431
20.00	-140.00	0.00383	25.00	-140.00	0.00320
30.00	-140.00	0.00270	40.00	-140.00	0.00199
50.00	-140.00	0.00150	60.00	-140.00	0.00116
70.00	-140.00	0.00091	80.00	-140.00	0.00072
90.00	-140.00	0.00059	100.00	-140.00	0.00049
-100.00	-130.00	0.00051	-90.00	-130.00	0.00057
-80.00	-130.00	0.00066	-70.00	-130.00	0.00076
-60.00	-130.00	0.00089	-50.00	-130.00	0.00108
-40.00	-130.00	0.00137	-30.00	-130.00	0.00185
-25.00	-130.00	0.00224	-20.00	-130.00	0.00280
-17.00	-130.00	0.00326	-15.00	-130.00	0.00363
-13.00	-130.00	0.00408	-11.00	-130.00	0.00462
-9.00	-130.00	0.00528	9.00	-130.00	0.00586
11.00	-130.00	0.00536	13.00	-130.00	0.00491
15.00	-130.00	0.00452	17.00	-130.00	0.00418
20.00	-130.00	0.00373	25.00	-130.00	0.00313
30.00	-130.00	0.00266	40.00	-130.00	0.00198
50.00	-130.00	0.00152	60.00	-130.00	0.00118
70.00	-130.00	0.00093	80.00	-130.00	0.00075
90.00	-130.00	0.00061	100.00	-130.00	0.00051
-100.00	-120.00	0.00045	-90.00	-120.00	0.00050
-80.00	-120.00	0.00057	-70.00	-120.00	0.00067
-60.00	-120.00	0.00079	-50.00	-120.00	0.00097
-40.00	-120.00	0.00125	-30.00	-120.00	0.00175
-25.00	-120.00	0.00215	-20.00	-120.00	0.00272

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 108
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

 INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00318	-15.00	-120.00	0.00354
-13.00	-120.00	0.00396	-11.00	-120.00	0.00443
-9.00	-120.00	0.00493	9.00	-120.00	0.00486
11.00	-120.00	0.00454	13.00	-120.00	0.00425
15.00	-120.00	0.00398	17.00	-120.00	0.00373
20.00	-120.00	0.00339	25.00	-120.00	0.00291
30.00	-120.00	0.00251	40.00	-120.00	0.00191
50.00	-120.00	0.00149	60.00	-120.00	0.00117
70.00	-120.00	0.00094	80.00	-120.00	0.00076
90.00	-120.00	0.00062	100.00	-120.00	0.00052
-100.00	-110.00	0.00040	-90.00	-110.00	0.00045
-80.00	-110.00	0.00051	-70.00	-110.00	0.00060
-60.00	-110.00	0.00072	-50.00	-110.00	0.00091
-40.00	-110.00	0.00120	-30.00	-110.00	0.00172
-25.00	-110.00	0.00211	-20.00	-110.00	0.00264
-17.00	-110.00	0.00303	-15.00	-110.00	0.00333
-13.00	-110.00	0.00364	-11.00	-110.00	0.00396
-9.00	-110.00	0.00427	9.00	-110.00	0.00399
11.00	-110.00	0.00377	13.00	-110.00	0.00356
15.00	-110.00	0.00337	17.00	-110.00	0.00319
20.00	-110.00	0.00295	25.00	-110.00	0.00260
30.00	-110.00	0.00229	40.00	-110.00	0.00180
50.00	-110.00	0.00143	60.00	-110.00	0.00115
70.00	-110.00	0.00093	80.00	-110.00	0.00076
90.00	-110.00	0.00063	100.00	-110.00	0.00052
-100.00	-100.00	0.00036	-90.00	-100.00	0.00041
-80.00	-100.00	0.00047	-70.00	-100.00	0.00056
-60.00	-100.00	0.00069	-50.00	-100.00	0.00088
-40.00	-100.00	0.00118	-30.00	-100.00	0.00167
-25.00	-100.00	0.00202	-20.00	-100.00	0.00247
-17.00	-100.00	0.00278	-15.00	-100.00	0.00299
-13.00	-100.00	0.00321	-11.00	-100.00	0.00341
-9.00	-100.00	0.00359	9.00	-100.00	0.00331
11.00	-100.00	0.00316	13.00	-100.00	0.00300
15.00	-100.00	0.00286	17.00	-100.00	0.00273
20.00	-100.00	0.00254	25.00	-100.00	0.00227
30.00	-100.00	0.00204	40.00	-100.00	0.00165
50.00	-100.00	0.00134	60.00	-100.00	0.00110
70.00	-100.00	0.00091	80.00	-100.00	0.00075
90.00	-100.00	0.00062	100.00	-100.00	0.00052

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:37:33

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00034	-90.00	-90.00	0.00039
-80.00	-90.00	0.00045	-70.00	-90.00	0.00054
-60.00	-90.00	0.00067	-50.00	-90.00	0.00085
-40.00	-90.00	0.00114	-30.00	-90.00	0.00159
-25.00	-90.00	0.00189	-20.00	-90.00	0.00225
-17.00	-90.00	0.00248	-15.00	-90.00	0.00263
-13.00	-90.00	0.00277	-11.00	-90.00	0.00289
-9.00	-90.00	0.00300	9.00	-90.00	0.00277
11.00	-90.00	0.00266	13.00	-90.00	0.00255
15.00	-90.00	0.00245	17.00	-90.00	0.00234
20.00	-90.00	0.00220	25.00	-90.00	0.00198
30.00	-90.00	0.00180	40.00	-90.00	0.00149
50.00	-90.00	0.00124	60.00	-90.00	0.00104
70.00	-90.00	0.00087	80.00	-90.00	0.00073
90.00	-90.00	0.00062	100.00	-90.00	0.00052
-100.00	-80.00	0.00032	-90.00	-80.00	0.00037
-80.00	-80.00	0.00044	-70.00	-80.00	0.00052
-60.00	-80.00	0.00065	-50.00	-80.00	0.00083
-40.00	-80.00	0.00110	-30.00	-80.00	0.00149
-25.00	-80.00	0.00174	-20.00	-80.00	0.00202
-17.00	-80.00	0.00218	-15.00	-80.00	0.00228
-13.00	-80.00	0.00238	-11.00	-80.00	0.00246
-9.00	-80.00	0.00252	9.00	-80.00	0.00234
11.00	-80.00	0.00227	13.00	-80.00	0.00219
15.00	-80.00	0.00211	17.00	-80.00	0.00203
20.00	-80.00	0.00191	25.00	-80.00	0.00174
30.00	-80.00	0.00159	40.00	-80.00	0.00134
50.00	-80.00	0.00114	60.00	-80.00	0.00097
70.00	-80.00	0.00083	80.00	-80.00	0.00070
90.00	-80.00	0.00060	100.00	-80.00	0.00051
-100.00	-70.00	0.00031	-90.00	-70.00	0.00036
-80.00	-70.00	0.00042	-70.00	-70.00	0.00051
-60.00	-70.00	0.00063	-50.00	-70.00	0.00080
-40.00	-70.00	0.00105	-30.00	-70.00	0.00139
-25.00	-70.00	0.00159	-20.00	-70.00	0.00179
-17.00	-70.00	0.00191	-15.00	-70.00	0.00198
-13.00	-70.00	0.00205	-11.00	-70.00	0.00210

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-9.00	-70.00	0.00214	9.00	-70.00	0.00200
11.00	-70.00	0.00194	13.00	-70.00	0.00188
15.00	-70.00	0.00182	17.00	-70.00	0.00176

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 110
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00167	25.00	-70.00	0.00153
30.00	-70.00	0.00141	40.00	-70.00	0.00120
50.00	-70.00	0.00104	60.00	-70.00	0.00090
70.00	-70.00	0.00078	80.00	-70.00	0.00067
90.00	-70.00	0.00058	100.00	-70.00	0.00050
-100.00	-60.00	0.00030	-90.00	-60.00	0.00035
-80.00	-60.00	0.00041	-70.00	-60.00	0.00049
-60.00	-60.00	0.00061	-50.00	-60.00	0.00077
-40.00	-60.00	0.00099	-30.00	-60.00	0.00128
-25.00	-60.00	0.00144	-20.00	-60.00	0.00159
-17.00	-60.00	0.00168	-15.00	-60.00	0.00173
-13.00	-60.00	0.00177	-11.00	-60.00	0.00181
-9.00	-60.00	0.00183	9.00	-60.00	0.00172
11.00	-60.00	0.00168	13.00	-60.00	0.00164
15.00	-60.00	0.00159	17.00	-60.00	0.00154
20.00	-60.00	0.00147	25.00	-60.00	0.00136
30.00	-60.00	0.00126	40.00	-60.00	0.00108
50.00	-60.00	0.00094	60.00	-60.00	0.00083
70.00	-60.00	0.00073	80.00	-60.00	0.00064
90.00	-60.00	0.00056	100.00	-60.00	0.00049
-100.00	-50.00	0.00029	-90.00	-50.00	0.00034
-80.00	-50.00	0.00040	-70.00	-50.00	0.00048
-60.00	-50.00	0.00059	-50.00	-50.00	0.00073
-40.00	-50.00	0.00093	-30.00	-50.00	0.00117
-25.00	-50.00	0.00130	-20.00	-50.00	0.00142
-17.00	-50.00	0.00148	-15.00	-50.00	0.00151
-13.00	-50.00	0.00154	-11.00	-50.00	0.00157
-9.00	-50.00	0.00159	9.00	-50.00	0.00149
11.00	-50.00	0.00146	13.00	-50.00	0.00143
15.00	-50.00	0.00140	17.00	-50.00	0.00136
20.00	-50.00	0.00131	25.00	-50.00	0.00121

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

30.00	-50.00	0.00113	40.00	-50.00	0.00098
50.00	-50.00	0.00086	60.00	-50.00	0.00076
70.00	-50.00	0.00067	80.00	-50.00	0.00060
90.00	-50.00	0.00053	100.00	-50.00	0.00047
-100.00	-40.00	0.00028	-90.00	-40.00	0.00033
-80.00	-40.00	0.00039	-70.00	-40.00	0.00046
-60.00	-40.00	0.00057	-50.00	-40.00	0.00070
-40.00	-40.00	0.00087	-30.00	-40.00	0.00107
-25.00	-40.00	0.00117	-20.00	-40.00	0.00126

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00131	-15.00	-40.00	0.00133
-13.00	-40.00	0.00135	-11.00	-40.00	0.00137
-9.00	-40.00	0.00138	9.00	-40.00	0.00131
11.00	-40.00	0.00129	13.00	-40.00	0.00126
15.00	-40.00	0.00123	17.00	-40.00	0.00121
20.00	-40.00	0.00116	25.00	-40.00	0.00109
30.00	-40.00	0.00102	40.00	-40.00	0.00089
50.00	-40.00	0.00078	60.00	-40.00	0.00070
70.00	-40.00	0.00062	80.00	-40.00	0.00056
90.00	-40.00	0.00050	100.00	-40.00	0.00045
-100.00	-30.00	0.00028	-90.00	-30.00	0.00032
-80.00	-30.00	0.00038	-70.00	-30.00	0.00045
-60.00	-30.00	0.00054	-50.00	-30.00	0.00067
-40.00	-30.00	0.00082	-30.00	-30.00	0.00098
-25.00	-30.00	0.00106	-20.00	-30.00	0.00113
-17.00	-30.00	0.00116	-15.00	-30.00	0.00118
-13.00	-30.00	0.00120	-11.00	-30.00	0.00121
-9.00	-30.00	0.00122	9.00	-30.00	0.00116
11.00	-30.00	0.00114	13.00	-30.00	0.00112
15.00	-30.00	0.00110	17.00	-30.00	0.00107
20.00	-30.00	0.00104	25.00	-30.00	0.00098
30.00	-30.00	0.00092	40.00	-30.00	0.00081
50.00	-30.00	0.00072	60.00	-30.00	0.00064
70.00	-30.00	0.00058	80.00	-30.00	0.00052
90.00	-30.00	0.00047	100.00	-30.00	0.00043

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-100.00	-20.00	0.00027	-90.00	-20.00	0.00031
-80.00	-20.00	0.00036	-70.00	-20.00	0.00043
-60.00	-20.00	0.00052	-50.00	-20.00	0.00063
-40.00	-20.00	0.00076	-30.00	-20.00	0.00090
-25.00	-20.00	0.00096	-20.00	-20.00	0.00101
-17.00	-20.00	0.00104	-15.00	-20.00	0.00105
-13.00	-20.00	0.00106	-11.00	-20.00	0.00107
-9.00	-20.00	0.00108	9.00	-20.00	0.00103
11.00	-20.00	0.00101	13.00	-20.00	0.00100
15.00	-20.00	0.00098	17.00	-20.00	0.00096
20.00	-20.00	0.00093	25.00	-20.00	0.00089
30.00	-20.00	0.00084	40.00	-20.00	0.00074
50.00	-20.00	0.00066	60.00	-20.00	0.00059
70.00	-20.00	0.00053	80.00	-20.00	0.00049
90.00	-20.00	0.00044	100.00	-20.00	0.00040

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

PAGE 112

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00026	-90.00	-10.00	0.00030
-80.00	-10.00	0.00035	-70.00	-10.00	0.00042
-60.00	-10.00	0.00050	-50.00	-10.00	0.00060
-40.00	-10.00	0.00071	-30.00	-10.00	0.00082
-25.00	-10.00	0.00087	-20.00	-10.00	0.00091
-17.00	-10.00	0.00093	-15.00	-10.00	0.00094
-13.00	-10.00	0.00095	-11.00	-10.00	0.00096
-9.00	-10.00	0.00096	9.00	-10.00	0.00092
11.00	-10.00	0.00091	13.00	-10.00	0.00090
15.00	-10.00	0.00088	17.00	-10.00	0.00087
20.00	-10.00	0.00084	25.00	-10.00	0.00080
30.00	-10.00	0.00076	40.00	-10.00	0.00068
50.00	-10.00	0.00061	60.00	-10.00	0.00055
70.00	-10.00	0.00050	80.00	-10.00	0.00045
90.00	-10.00	0.00042	100.00	-10.00	0.00038
-100.00	0.00	0.00026	-90.00	0.00	0.00029
-80.00	0.00	0.00034	-70.00	0.00	0.00040
-60.00	0.00	0.00048	-50.00	0.00	0.00056
-40.00	0.00	0.00066	-30.00	0.00	0.00075

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-25.00	0.00	0.00079	-20.00	0.00	0.00083
-17.00	0.00	0.00084	-15.00	0.00	0.00085
-13.00	0.00	0.00086	-11.00	0.00	0.00086
-9.00	0.00	0.00086	9.00	0.00	0.00083
11.00	0.00	0.00082	13.00	0.00	0.00081
15.00	0.00	0.00080	17.00	0.00	0.00078
20.00	0.00	0.00077	25.00	0.00	0.00073
30.00	0.00	0.00070	40.00	0.00	0.00063
50.00	0.00	0.00056	60.00	0.00	0.00051
70.00	0.00	0.00046	80.00	0.00	0.00042
90.00	0.00	0.00039	100.00	0.00	0.00036
-100.00	10.00	0.00025	-90.00	10.00	0.00028
-80.00	10.00	0.00033	-70.00	10.00	0.00039
-60.00	10.00	0.00046	-50.00	10.00	0.00053
-40.00	10.00	0.00062	-30.00	10.00	0.00069
-25.00	10.00	0.00073	-20.00	10.00	0.00075
-17.00	10.00	0.00076	-15.00	10.00	0.00077
-13.00	10.00	0.00078	-11.00	10.00	0.00078
-9.00	10.00	0.00078	9.00	10.00	0.00075
11.00	10.00	0.00074	13.00	10.00	0.00073
15.00	10.00	0.00072	17.00	10.00	0.00071

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:
 PAGE 113

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00070	25.00	10.00	0.00067
30.00	10.00	0.00064	40.00	10.00	0.00058
50.00	10.00	0.00052	60.00	10.00	0.00048
70.00	10.00	0.00043	80.00	10.00	0.00040
90.00	10.00	0.00037	100.00	10.00	0.00034
-100.00	20.00	0.00024	-90.00	20.00	0.00028
-80.00	20.00	0.00032	-70.00	20.00	0.00037
-60.00	20.00	0.00043	-50.00	20.00	0.00050
-40.00	20.00	0.00058	-30.00	20.00	0.00064
-25.00	20.00	0.00067	-20.00	20.00	0.00069
-17.00	20.00	0.00070	-15.00	20.00	0.00070
-13.00	20.00	0.00070	-11.00	20.00	0.00071
-9.00	20.00	0.00071	9.00	20.00	0.00068

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

11.00	20.00	0.00068	13.00	20.00	0.00067
15.00	20.00	0.00066	17.00	20.00	0.00065
20.00	20.00	0.00064	25.00	20.00	0.00061
30.00	20.00	0.00059	40.00	20.00	0.00054
50.00	20.00	0.00049	60.00	20.00	0.00044
70.00	20.00	0.00041	80.00	20.00	0.00037
90.00	20.00	0.00035	100.00	20.00	0.00032
-100.00	30.00	0.00023	-90.00	30.00	0.00027
-80.00	30.00	0.00031	-70.00	30.00	0.00036
-60.00	30.00	0.00041	-50.00	30.00	0.00048
-40.00	30.00	0.00054	-30.00	30.00	0.00059
-25.00	30.00	0.00061	-20.00	30.00	0.00063
-17.00	30.00	0.00064	-15.00	30.00	0.00064
-13.00	30.00	0.00064	-11.00	30.00	0.00065
-9.00	30.00	0.00065	9.00	30.00	0.00062
11.00	30.00	0.00062	13.00	30.00	0.00061
15.00	30.00	0.00060	17.00	30.00	0.00060
20.00	30.00	0.00059	25.00	30.00	0.00057
30.00	30.00	0.00054	40.00	30.00	0.00050
50.00	30.00	0.00046	60.00	30.00	0.00042
70.00	30.00	0.00038	80.00	30.00	0.00035
90.00	30.00	0.00033	100.00	30.00	0.00030
-100.00	40.00	0.00023	-90.00	40.00	0.00026
-80.00	40.00	0.00030	-70.00	40.00	0.00034
-60.00	40.00	0.00040	-50.00	40.00	0.00045
-40.00	40.00	0.00050	-30.00	40.00	0.00055
-25.00	40.00	0.00056	-20.00	40.00	0.00058

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 114
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00058	-15.00	40.00	0.00059
-13.00	40.00	0.00059	-11.00	40.00	0.00059
-9.00	40.00	0.00059	9.00	40.00	0.00057
11.00	40.00	0.00057	13.00	40.00	0.00056
15.00	40.00	0.00056	17.00	40.00	0.00055
20.00	40.00	0.00054	25.00	40.00	0.00052
30.00	40.00	0.00050	40.00	40.00	0.00047

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

50.00	40.00	0.00043	60.00	40.00	0.00039
70.00	40.00	0.00036	80.00	40.00	0.00033
90.00	40.00	0.00031	100.00	40.00	0.00029
-100.00	50.00	0.00022	-90.00	50.00	0.00025
-80.00	50.00	0.00029	-70.00	50.00	0.00033
-60.00	50.00	0.00038	-50.00	50.00	0.00042
-40.00	50.00	0.00047	-30.00	50.00	0.00051
-25.00	50.00	0.00052	-20.00	50.00	0.00053
-17.00	50.00	0.00054	-15.00	50.00	0.00054
-13.00	50.00	0.00054	-11.00	50.00	0.00054
-9.00	50.00	0.00054	9.00	50.00	0.00053
11.00	50.00	0.00052	13.00	50.00	0.00052
15.00	50.00	0.00051	17.00	50.00	0.00051
20.00	50.00	0.00050	25.00	50.00	0.00048
30.00	50.00	0.00047	40.00	50.00	0.00043
50.00	50.00	0.00040	60.00	50.00	0.00037
70.00	50.00	0.00034	80.00	50.00	0.00031
90.00	50.00	0.00029	100.00	50.00	0.00027
-100.00	60.00	0.00022	-90.00	60.00	0.00025
-80.00	60.00	0.00028	-70.00	60.00	0.00032
-60.00	60.00	0.00036	-50.00	60.00	0.00040
-40.00	60.00	0.00044	-30.00	60.00	0.00047
-25.00	60.00	0.00048	-20.00	60.00	0.00049
-17.00	60.00	0.00050	-15.00	60.00	0.00050
-13.00	60.00	0.00050	-11.00	60.00	0.00050
-9.00	60.00	0.00050	9.00	60.00	0.00049
11.00	60.00	0.00048	13.00	60.00	0.00048
15.00	60.00	0.00047	17.00	60.00	0.00047
20.00	60.00	0.00046	25.00	60.00	0.00045
30.00	60.00	0.00044	40.00	60.00	0.00041
50.00	60.00	0.00038	60.00	60.00	0.00035
70.00	60.00	0.00032	80.00	60.00	0.00030
90.00	60.00	0.00028	100.00	60.00	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 115
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00021	-90.00	70.00	0.00024

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-80.00	70.00	0.00027	-70.00	70.00	0.00030
-60.00	70.00	0.00034	-50.00	70.00	0.00038
-40.00	70.00	0.00041	-30.00	70.00	0.00044
-25.00	70.00	0.00045	-20.00	70.00	0.00046
-17.00	70.00	0.00046	-15.00	70.00	0.00046
-13.00	70.00	0.00046	-11.00	70.00	0.00046
-9.00	70.00	0.00047	9.00	70.00	0.00045
11.00	70.00	0.00045	13.00	70.00	0.00044
15.00	70.00	0.00044	17.00	70.00	0.00044
20.00	70.00	0.00043	25.00	70.00	0.00042
30.00	70.00	0.00041	40.00	70.00	0.00038
50.00	70.00	0.00035	60.00	70.00	0.00033
70.00	70.00	0.00030	80.00	70.00	0.00028
90.00	70.00	0.00026	100.00	70.00	0.00025
-100.00	80.00	0.00021	-90.00	80.00	0.00023
-80.00	80.00	0.00026	-70.00	80.00	0.00029
-60.00	80.00	0.00033	-50.00	80.00	0.00036
-40.00	80.00	0.00039	-30.00	80.00	0.00041
-25.00	80.00	0.00042	-20.00	80.00	0.00043
-17.00	80.00	0.00043	-15.00	80.00	0.00043
-13.00	80.00	0.00043	-11.00	80.00	0.00043
-9.00	80.00	0.00043	9.00	80.00	0.00042
11.00	80.00	0.00042	13.00	80.00	0.00041
15.00	80.00	0.00041	17.00	80.00	0.00041
20.00	80.00	0.00040	25.00	80.00	0.00039
30.00	80.00	0.00038	40.00	80.00	0.00036
50.00	80.00	0.00033	60.00	80.00	0.00031
70.00	80.00	0.00029	80.00	80.00	0.00027
90.00	80.00	0.00025	100.00	80.00	0.00023
-100.00	90.00	0.00020	-90.00	90.00	0.00022
-80.00	90.00	0.00025	-70.00	90.00	0.00028
-60.00	90.00	0.00031	-50.00	90.00	0.00034
-40.00	90.00	0.00037	-30.00	90.00	0.00039
-25.00	90.00	0.00039	-20.00	90.00	0.00040
-17.00	90.00	0.00040	-15.00	90.00	0.00040
-13.00	90.00	0.00040	-11.00	90.00	0.00040
-9.00	90.00	0.00040	9.00	90.00	0.00039
11.00	90.00	0.00039	13.00	90.00	0.00039
15.00	90.00	0.00038	17.00	90.00	0.00038

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:37:33

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00038	25.00	90.00	0.00037
30.00	90.00	0.00036	40.00	90.00	0.00034
50.00	90.00	0.00031	60.00	90.00	0.00029
70.00	90.00	0.00027	80.00	90.00	0.00025
90.00	90.00	0.00024	100.00	90.00	0.00022
-100.00	100.00	0.00019	-90.00	100.00	0.00022
-80.00	100.00	0.00024	-70.00	100.00	0.00027
-60.00	100.00	0.00030	-50.00	100.00	0.00032
-40.00	100.00	0.00034	-30.00	100.00	0.00036
-25.00	100.00	0.00037	-20.00	100.00	0.00037
-17.00	100.00	0.00037	-15.00	100.00	0.00037
-13.00	100.00	0.00038	-11.00	100.00	0.00038
-9.00	100.00	0.00038	9.00	100.00	0.00037
11.00	100.00	0.00036	13.00	100.00	0.00036
15.00	100.00	0.00036	17.00	100.00	0.00036
20.00	100.00	0.00035	25.00	100.00	0.00034
30.00	100.00	0.00034	40.00	100.00	0.00032
50.00	100.00	0.00030	60.00	100.00	0.00028
70.00	100.00	0.00026	80.00	100.00	0.00024
90.00	100.00	0.00023	100.00	100.00	0.00021
-100.00	110.00	0.00019	-90.00	110.00	0.00021
-80.00	110.00	0.00023	-70.00	110.00	0.00026
-60.00	110.00	0.00028	-50.00	110.00	0.00031
-40.00	110.00	0.00033	-30.00	110.00	0.00034
-25.00	110.00	0.00035	-20.00	110.00	0.00035
-17.00	110.00	0.00035	-15.00	110.00	0.00035
-13.00	110.00	0.00035	-11.00	110.00	0.00035
-9.00	110.00	0.00035	9.00	110.00	0.00034
11.00	110.00	0.00034	13.00	110.00	0.00034
15.00	110.00	0.00034	17.00	110.00	0.00033
20.00	110.00	0.00033	25.00	110.00	0.00032
30.00	110.00	0.00032	40.00	110.00	0.00030
50.00	110.00	0.00028	60.00	110.00	0.00026
70.00	110.00	0.00025	80.00	110.00	0.00023
90.00	110.00	0.00022	100.00	110.00	0.00020
-100.00	120.00	0.00018	-90.00	120.00	0.00020
-80.00	120.00	0.00023	-70.00	120.00	0.00025
-60.00	120.00	0.00027	-50.00	120.00	0.00029
-40.00	120.00	0.00031	-30.00	120.00	0.00032

-25.00 120.00 0.00032 -20.00 120.00 0.00033

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:
 PAGE 117

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00033	-15.00	120.00	0.00033
-13.00	120.00	0.00033	-11.00	120.00	0.00033
-9.00	120.00	0.00033	9.00	120.00	0.00032
11.00	120.00	0.00032	13.00	120.00	0.00032
15.00	120.00	0.00032	17.00	120.00	0.00031
20.00	120.00	0.00031	25.00	120.00	0.00030
30.00	120.00	0.00030	40.00	120.00	0.00028
50.00	120.00	0.00027	60.00	120.00	0.00025
70.00	120.00	0.00024	80.00	120.00	0.00022
90.00	120.00	0.00021	100.00	120.00	0.00020
-100.00	130.00	0.00018	-90.00	130.00	0.00020
-80.00	130.00	0.00022	-70.00	130.00	0.00024
-60.00	130.00	0.00026	-50.00	130.00	0.00028
-40.00	130.00	0.00029	-30.00	130.00	0.00030
-25.00	130.00	0.00031	-20.00	130.00	0.00031
-17.00	130.00	0.00031	-15.00	130.00	0.00031
-13.00	130.00	0.00031	-11.00	130.00	0.00031
-9.00	130.00	0.00031	9.00	130.00	0.00030
11.00	130.00	0.00030	13.00	130.00	0.00030
15.00	130.00	0.00030	17.00	130.00	0.00030
20.00	130.00	0.00029	25.00	130.00	0.00029
30.00	130.00	0.00028	40.00	130.00	0.00027
50.00	130.00	0.00025	60.00	130.00	0.00024
70.00	130.00	0.00022	80.00	130.00	0.00021
90.00	130.00	0.00020	100.00	130.00	0.00019
-100.00	140.00	0.00017	-90.00	140.00	0.00019
-80.00	140.00	0.00021	-70.00	140.00	0.00023
-60.00	140.00	0.00025	-50.00	140.00	0.00026
-40.00	140.00	0.00028	-30.00	140.00	0.00029
-25.00	140.00	0.00029	-20.00	140.00	0.00029
-17.00	140.00	0.00029	-15.00	140.00	0.00029
-13.00	140.00	0.00029	-11.00	140.00	0.00029
-9.00	140.00	0.00029	9.00	140.00	0.00029

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

11.00	140.00	0.00028	13.00	140.00	0.00028
15.00	140.00	0.00028	17.00	140.00	0.00028
20.00	140.00	0.00028	25.00	140.00	0.00027
30.00	140.00	0.00027	40.00	140.00	0.00025
50.00	140.00	0.00024	60.00	140.00	0.00023
70.00	140.00	0.00021	80.00	140.00	0.00020
90.00	140.00	0.00019	100.00	140.00	0.00018

1 *** ISCST3 - VERSION 02035 *** 04/20/08
 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 118

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00017	-90.00	150.00	0.00019
-80.00	150.00	0.00020	-70.00	150.00	0.00022
-60.00	150.00	0.00024	-50.00	150.00	0.00025
-40.00	150.00	0.00026	-30.00	150.00	0.00027
-25.00	150.00	0.00027	-20.00	150.00	0.00028
-17.00	150.00	0.00028	-15.00	150.00	0.00028
-13.00	150.00	0.00028	-11.00	150.00	0.00028
-9.00	150.00	0.00028	9.00	150.00	0.00027
11.00	150.00	0.00027	13.00	150.00	0.00027
15.00	150.00	0.00027	17.00	150.00	0.00026
20.00	150.00	0.00026	25.00	150.00	0.00026
30.00	150.00	0.00025	40.00	150.00	0.00024
50.00	150.00	0.00023	60.00	150.00	0.00022
70.00	150.00	0.00021	80.00	150.00	0.00019
90.00	150.00	0.00018	100.00	150.00	0.00017
-100.00	160.00	0.00016	-90.00	160.00	0.00018
-80.00	160.00	0.00020	-70.00	160.00	0.00021
-60.00	160.00	0.00023	-50.00	160.00	0.00024
-40.00	160.00	0.00025	-30.00	160.00	0.00026
-25.00	160.00	0.00026	-20.00	160.00	0.00026
-17.00	160.00	0.00026	-15.00	160.00	0.00026
-13.00	160.00	0.00026	-11.00	160.00	0.00026
-9.00	160.00	0.00026	9.00	160.00	0.00026
11.00	160.00	0.00025	13.00	160.00	0.00025
15.00	160.00	0.00025	17.00	160.00	0.00025
20.00	160.00	0.00025	25.00	160.00	0.00024
30.00	160.00	0.00024	40.00	160.00	0.00023

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

50.00	160.00	0.00022	60.00	160.00	0.00021
70.00	160.00	0.00020	80.00	160.00	0.00019
90.00	160.00	0.00018	100.00	160.00	0.00017
-100.00	170.00	0.00016	-90.00	170.00	0.00017
-80.00	170.00	0.00019	-70.00	170.00	0.00020
-60.00	170.00	0.00022	-50.00	170.00	0.00023
-40.00	170.00	0.00024	-30.00	170.00	0.00024
-25.00	170.00	0.00025	-20.00	170.00	0.00025
-17.00	170.00	0.00025	-15.00	170.00	0.00025
-13.00	170.00	0.00025	-11.00	170.00	0.00025
-9.00	170.00	0.00025	9.00	170.00	0.00024
11.00	170.00	0.00024	13.00	170.00	0.00024
15.00	170.00	0.00024	17.00	170.00	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:
 PAGE 119

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00024	25.00	170.00	0.00023
30.00	170.00	0.00023	40.00	170.00	0.00022
50.00	170.00	0.00021	60.00	170.00	0.00020
70.00	170.00	0.00019	80.00	170.00	0.00018
90.00	170.00	0.00017	100.00	170.00	0.00016
-100.00	180.00	0.00016	-90.00	180.00	0.00017
-80.00	180.00	0.00018	-70.00	180.00	0.00019
-60.00	180.00	0.00021	-50.00	180.00	0.00022
-40.00	180.00	0.00023	-30.00	180.00	0.00023
-25.00	180.00	0.00023	-20.00	180.00	0.00023
-17.00	180.00	0.00023	-15.00	180.00	0.00023
-13.00	180.00	0.00023	-11.00	180.00	0.00023
-9.00	180.00	0.00023	9.00	180.00	0.00023
11.00	180.00	0.00023	13.00	180.00	0.00023
15.00	180.00	0.00023	17.00	180.00	0.00023
20.00	180.00	0.00022	25.00	180.00	0.00022
30.00	180.00	0.00022	40.00	180.00	0.00021
50.00	180.00	0.00020	60.00	180.00	0.00019
70.00	180.00	0.00018	80.00	180.00	0.00017
90.00	180.00	0.00016	100.00	180.00	0.00015
-100.00	190.00	0.00015	-90.00	190.00	0.00016

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-80.00	190.00	0.00018	-70.00	190.00	0.00019
-60.00	190.00	0.00020	-50.00	190.00	0.00021
-40.00	190.00	0.00021	-30.00	190.00	0.00022
-25.00	190.00	0.00022	-20.00	190.00	0.00022
-17.00	190.00	0.00022	-15.00	190.00	0.00022
-13.00	190.00	0.00022	-11.00	190.00	0.00022
-9.00	190.00	0.00022	9.00	190.00	0.00022
11.00	190.00	0.00022	13.00	190.00	0.00022
15.00	190.00	0.00022	17.00	190.00	0.00021
20.00	190.00	0.00021	25.00	190.00	0.00021
30.00	190.00	0.00021	40.00	190.00	0.00020
50.00	190.00	0.00019	60.00	190.00	0.00018
70.00	190.00	0.00017	80.00	190.00	0.00016
90.00	190.00	0.00016	100.00	190.00	0.00015
-100.00	200.00	0.00015	-90.00	200.00	0.00016
-80.00	200.00	0.00017	-70.00	200.00	0.00018
-60.00	200.00	0.00019	-50.00	200.00	0.00020
-40.00	200.00	0.00021	-30.00	200.00	0.00021
-25.00	200.00	0.00021	-20.00	200.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 120

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00021	-15.00	200.00	0.00021
-13.00	200.00	0.00021	-11.00	200.00	0.00021
-9.00	200.00	0.00021	9.00	200.00	0.00021
11.00	200.00	0.00021	13.00	200.00	0.00021
15.00	200.00	0.00021	17.00	200.00	0.00020
20.00	200.00	0.00020	25.00	200.00	0.00020
30.00	200.00	0.00020	40.00	200.00	0.00019
50.00	200.00	0.00018	60.00	200.00	0.00017
70.00	200.00	0.00017	80.00	200.00	0.00016
90.00	200.00	0.00015	100.00	200.00	0.00014
-100.00	210.00	0.00014	-90.00	210.00	0.00015
-80.00	210.00	0.00016	-70.00	210.00	0.00017
-60.00	210.00	0.00018	-50.00	210.00	0.00019
-40.00	210.00	0.00020	-30.00	210.00	0.00020
-25.00	210.00	0.00020	-20.00	210.00	0.00020

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-17.00	210.00	0.00020	-15.00	210.00	0.00020
-13.00	210.00	0.00020	-11.00	210.00	0.00020
-9.00	210.00	0.00020	9.00	210.00	0.00020
11.00	210.00	0.00020	13.00	210.00	0.00020
15.00	210.00	0.00020	17.00	210.00	0.00020
20.00	210.00	0.00019	25.00	210.00	0.00019
30.00	210.00	0.00019	40.00	210.00	0.00018
50.00	210.00	0.00018	60.00	210.00	0.00017
70.00	210.00	0.00016	80.00	210.00	0.00015
90.00	210.00	0.00015	100.00	210.00	0.00014
-100.00	220.00	0.00014	-90.00	220.00	0.00015
-80.00	220.00	0.00016	-70.00	220.00	0.00017
-60.00	220.00	0.00018	-50.00	220.00	0.00018
-40.00	220.00	0.00019	-30.00	220.00	0.00019
-25.00	220.00	0.00019	-20.00	220.00	0.00019
-17.00	220.00	0.00019	-15.00	220.00	0.00019
-13.00	220.00	0.00019	-11.00	220.00	0.00019
-9.00	220.00	0.00019	9.00	220.00	0.00019
11.00	220.00	0.00019	13.00	220.00	0.00019
15.00	220.00	0.00019	17.00	220.00	0.00019
20.00	220.00	0.00018	25.00	220.00	0.00018
30.00	220.00	0.00018	40.00	220.00	0.00017
50.00	220.00	0.00017	60.00	220.00	0.00016
70.00	220.00	0.00015	80.00	220.00	0.00015
90.00	220.00	0.00014	100.00	220.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00013	-90.00	230.00	0.00014
-80.00	230.00	0.00015	-70.00	230.00	0.00016
-60.00	230.00	0.00017	-50.00	230.00	0.00017
-40.00	230.00	0.00018	-30.00	230.00	0.00018
-25.00	230.00	0.00018	-20.00	230.00	0.00018
-17.00	230.00	0.00018	-15.00	230.00	0.00018
-13.00	230.00	0.00018	-11.00	230.00	0.00018
-9.00	230.00	0.00018	9.00	230.00	0.00018
11.00	230.00	0.00018	13.00	230.00	0.00018

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

15.00	230.00	0.00018	17.00	230.00	0.00018
20.00	230.00	0.00018	25.00	230.00	0.00017
30.00	230.00	0.00017	40.00	230.00	0.00017
50.00	230.00	0.00016	60.00	230.00	0.00015
70.00	230.00	0.00015	80.00	230.00	0.00014
90.00	230.00	0.00014	100.00	230.00	0.00013
-100.00	240.00	0.00013	-90.00	240.00	0.00014
-80.00	240.00	0.00015	-70.00	240.00	0.00016
-60.00	240.00	0.00016	-50.00	240.00	0.00017
-40.00	240.00	0.00017	-30.00	240.00	0.00018
-25.00	240.00	0.00018	-20.00	240.00	0.00018
-17.00	240.00	0.00018	-15.00	240.00	0.00018
-13.00	240.00	0.00018	-11.00	240.00	0.00018
-9.00	240.00	0.00018	9.00	240.00	0.00017
11.00	240.00	0.00017	13.00	240.00	0.00017
15.00	240.00	0.00017	17.00	240.00	0.00017
20.00	240.00	0.00017	25.00	240.00	0.00017
30.00	240.00	0.00017	40.00	240.00	0.00016
50.00	240.00	0.00015	60.00	240.00	0.00015
70.00	240.00	0.00014	80.00	240.00	0.00014
90.00	240.00	0.00013	100.00	240.00	0.00012
-100.00	250.00	0.00013	-90.00	250.00	0.00014
-80.00	250.00	0.00014	-70.00	250.00	0.00015
-60.00	250.00	0.00016	-50.00	250.00	0.00016
-40.00	250.00	0.00017	-30.00	250.00	0.00017
-25.00	250.00	0.00017	-20.00	250.00	0.00017
-17.00	250.00	0.00017	-15.00	250.00	0.00017
-13.00	250.00	0.00017	-11.00	250.00	0.00017
-9.00	250.00	0.00017	9.00	250.00	0.00017
11.00	250.00	0.00017	13.00	250.00	0.00016
15.00	250.00	0.00016	17.00	250.00	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 122

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00016	25.00	250.00	0.00016
30.00	250.00	0.00016	40.00	250.00	0.00015
50.00	250.00	0.00015	60.00	250.00	0.00014

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

70.00	250.00	0.00014	80.00	250.00	0.00013
90.00	250.00	0.00013	100.00	250.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00246	-90.00	-250.00	0.00266
-80.00	-250.00	0.00287	-70.00	-250.00	0.00311
-60.00	-250.00	0.00336	-50.00	-250.00	0.00362
-40.00	-250.00	0.00387	-30.00	-250.00	0.00406
-25.00	-250.00	0.00412	-20.00	-250.00	0.00416
-17.00	-250.00	0.00416	-15.00	-250.00	0.00416
-13.00	-250.00	0.00415	-11.00	-250.00	0.00413
-9.00	-250.00	0.00409	9.00	-250.00	0.00287
11.00	-250.00	0.00273	13.00	-250.00	0.00260
15.00	-250.00	0.00248	17.00	-250.00	0.00237
20.00	-250.00	0.00221	25.00	-250.00	0.00198
30.00	-250.00	0.00179	40.00	-250.00	0.00149
50.00	-250.00	0.00126	60.00	-250.00	0.00108
70.00	-250.00	0.00094	80.00	-250.00	0.00083
90.00	-250.00	0.00073	100.00	-250.00	0.00066
-100.00	-240.00	0.00260	-90.00	-240.00	0.00282
-80.00	-240.00	0.00307	-70.00	-240.00	0.00336
-60.00	-240.00	0.00367	-50.00	-240.00	0.00401
-40.00	-240.00	0.00436	-30.00	-240.00	0.00468
-25.00	-240.00	0.00482	-20.00	-240.00	0.00491
-17.00	-240.00	0.00495	-15.00	-240.00	0.00496
-13.00	-240.00	0.00497	-11.00	-240.00	0.00496
-9.00	-240.00	0.00493	9.00	-240.00	0.00325
11.00	-240.00	0.00306	13.00	-240.00	0.00288
15.00	-240.00	0.00272	17.00	-240.00	0.00258
20.00	-240.00	0.00239	25.00	-240.00	0.00212
30.00	-240.00	0.00191	40.00	-240.00	0.00157
50.00	-240.00	0.00132	60.00	-240.00	0.00113
70.00	-240.00	0.00098	80.00	-240.00	0.00086
90.00	-240.00	0.00076	100.00	-240.00	0.00068
-100.00	-230.00	0.00271	-90.00	-230.00	0.00296
-80.00	-230.00	0.00325	-70.00	-230.00	0.00357

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-60.00	-230.00	0.00395	-50.00	-230.00	0.00436
-40.00	-230.00	0.00481	-30.00	-230.00	0.00527
-25.00	-230.00	0.00550	-20.00	-230.00	0.00572
-17.00	-230.00	0.00584	-15.00	-230.00	0.00592
-13.00	-230.00	0.00600	-11.00	-230.00	0.00609
-9.00	-230.00	0.00616	9.00	-230.00	0.00361
11.00	-230.00	0.00335	13.00	-230.00	0.00313
15.00	-230.00	0.00295	17.00	-230.00	0.00278

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00257	25.00	-230.00	0.00227
30.00	-230.00	0.00204	40.00	-230.00	0.00167
50.00	-230.00	0.00140	60.00	-230.00	0.00120
70.00	-230.00	0.00104	80.00	-230.00	0.00091
90.00	-230.00	0.00080	100.00	-230.00	0.00071
-100.00	-220.00	0.00281	-90.00	-220.00	0.00308
-80.00	-220.00	0.00339	-70.00	-220.00	0.00375
-60.00	-220.00	0.00416	-50.00	-220.00	0.00463
-40.00	-220.00	0.00514	-30.00	-220.00	0.00569
-25.00	-220.00	0.00598	-20.00	-220.00	0.00628
-17.00	-220.00	0.00647	-15.00	-220.00	0.00661
-13.00	-220.00	0.00676	-11.00	-220.00	0.00695
-9.00	-220.00	0.00719	9.00	-220.00	0.00423
11.00	-220.00	0.00387	13.00	-220.00	0.00358
15.00	-220.00	0.00335	17.00	-220.00	0.00315
20.00	-220.00	0.00289	25.00	-220.00	0.00253
30.00	-220.00	0.00225	40.00	-220.00	0.00182
50.00	-220.00	0.00152	60.00	-220.00	0.00128
70.00	-220.00	0.00110	80.00	-220.00	0.00096
90.00	-220.00	0.00084	100.00	-220.00	0.00074
-100.00	-210.00	0.00289	-90.00	-210.00	0.00318
-80.00	-210.00	0.00351	-70.00	-210.00	0.00389
-60.00	-210.00	0.00432	-50.00	-210.00	0.00482
-40.00	-210.00	0.00537	-30.00	-210.00	0.00595
-25.00	-210.00	0.00624	-20.00	-210.00	0.00656
-17.00	-210.00	0.00677	-15.00	-210.00	0.00693

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-13.00	-210.00	0.00712	-11.00	-210.00	0.00738
-9.00	-210.00	0.00777	9.00	-210.00	0.00543
11.00	-210.00	0.00488	13.00	-210.00	0.00445
15.00	-210.00	0.00409	17.00	-210.00	0.00379
20.00	-210.00	0.00341	25.00	-210.00	0.00293
30.00	-210.00	0.00256	40.00	-210.00	0.00203
50.00	-210.00	0.00166	60.00	-210.00	0.00139
70.00	-210.00	0.00118	80.00	-210.00	0.00102
90.00	-210.00	0.00089	100.00	-210.00	0.00079
-100.00	-200.00	0.00296	-90.00	-200.00	0.00326
-80.00	-200.00	0.00360	-70.00	-200.00	0.00399
-60.00	-200.00	0.00445	-50.00	-200.00	0.00496
-40.00	-200.00	0.00552	-30.00	-200.00	0.00613
-25.00	-200.00	0.00645	-20.00	-200.00	0.00682

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00710	-15.00	-200.00	0.00733
-13.00	-200.00	0.00763	-11.00	-200.00	0.00803
-9.00	-200.00	0.00862	9.00	-200.00	0.00649
11.00	-200.00	0.00583	13.00	-200.00	0.00531
15.00	-200.00	0.00487	17.00	-200.00	0.00450
20.00	-200.00	0.00402	25.00	-200.00	0.00339
30.00	-200.00	0.00292	40.00	-200.00	0.00226
50.00	-200.00	0.00182	60.00	-200.00	0.00151
70.00	-200.00	0.00127	80.00	-200.00	0.00109
90.00	-200.00	0.00095	100.00	-200.00	0.00083
-100.00	-190.00	0.00302	-90.00	-190.00	0.00332
-80.00	-190.00	0.00367	-70.00	-190.00	0.00407
-60.00	-190.00	0.00454	-50.00	-190.00	0.00506
-40.00	-190.00	0.00565	-30.00	-190.00	0.00630
-25.00	-190.00	0.00668	-20.00	-190.00	0.00714
-17.00	-190.00	0.00751	-15.00	-190.00	0.00783
-13.00	-190.00	0.00824	-11.00	-190.00	0.00876
-9.00	-190.00	0.00947	9.00	-190.00	0.00733
11.00	-190.00	0.00661	13.00	-190.00	0.00602
15.00	-190.00	0.00553	17.00	-190.00	0.00511

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

20.00	-190.00	0.00457	25.00	-190.00	0.00385
30.00	-190.00	0.00330	40.00	-190.00	0.00251
50.00	-190.00	0.00200	60.00	-190.00	0.00163
70.00	-190.00	0.00137	80.00	-190.00	0.00116
90.00	-190.00	0.00100	100.00	-190.00	0.00088
-100.00	-180.00	0.00306	-90.00	-180.00	0.00337
-80.00	-180.00	0.00373	-70.00	-180.00	0.00414
-60.00	-180.00	0.00461	-50.00	-180.00	0.00515
-40.00	-180.00	0.00577	-30.00	-180.00	0.00649
-25.00	-180.00	0.00693	-20.00	-180.00	0.00750
-17.00	-180.00	0.00796	-15.00	-180.00	0.00834
-13.00	-180.00	0.00882	-11.00	-180.00	0.00942
-9.00	-180.00	0.01020	9.00	-180.00	0.00802
11.00	-180.00	0.00724	13.00	-180.00	0.00661
15.00	-180.00	0.00608	17.00	-180.00	0.00562
20.00	-180.00	0.00504	25.00	-180.00	0.00426
30.00	-180.00	0.00365	40.00	-180.00	0.00276
50.00	-180.00	0.00218	60.00	-180.00	0.00177
70.00	-180.00	0.00147	80.00	-180.00	0.00124
90.00	-180.00	0.00106	100.00	-180.00	0.00093

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00310	-90.00	-170.00	0.00341
-80.00	-170.00	0.00377	-70.00	-170.00	0.00419
-60.00	-170.00	0.00468	-50.00	-170.00	0.00524
-40.00	-170.00	0.00590	-30.00	-170.00	0.00669
-25.00	-170.00	0.00720	-20.00	-170.00	0.00785
-17.00	-170.00	0.00838	-15.00	-170.00	0.00881
-13.00	-170.00	0.00933	-11.00	-170.00	0.00998
-9.00	-170.00	0.01080	9.00	-170.00	0.00859
11.00	-170.00	0.00776	13.00	-170.00	0.00710
15.00	-170.00	0.00654	17.00	-170.00	0.00605
20.00	-170.00	0.00543	25.00	-170.00	0.00460
30.00	-170.00	0.00396	40.00	-170.00	0.00300
50.00	-170.00	0.00236	60.00	-170.00	0.00190
70.00	-170.00	0.00157	80.00	-170.00	0.00132

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

90.00	-170.00	0.00113	100.00	-170.00	0.00098
-100.00	-160.00	0.00312	-90.00	-160.00	0.00344
-80.00	-160.00	0.00381	-70.00	-160.00	0.00424
-60.00	-160.00	0.00474	-50.00	-160.00	0.00533
-40.00	-160.00	0.00603	-30.00	-160.00	0.00689
-25.00	-160.00	0.00745	-20.00	-160.00	0.00818
-17.00	-160.00	0.00875	-15.00	-160.00	0.00922
-13.00	-160.00	0.00977	-11.00	-160.00	0.01045
-9.00	-160.00	0.01130	9.00	-160.00	0.00905
11.00	-160.00	0.00819	13.00	-160.00	0.00751
15.00	-160.00	0.00693	17.00	-160.00	0.00642
20.00	-160.00	0.00577	25.00	-160.00	0.00490
30.00	-160.00	0.00422	40.00	-160.00	0.00322
50.00	-160.00	0.00253	60.00	-160.00	0.00203
70.00	-160.00	0.00167	80.00	-160.00	0.00140
90.00	-160.00	0.00119	100.00	-160.00	0.00103
-100.00	-150.00	0.00314	-90.00	-150.00	0.00347
-80.00	-150.00	0.00384	-70.00	-150.00	0.00428
-60.00	-150.00	0.00480	-50.00	-150.00	0.00542
-40.00	-150.00	0.00615	-30.00	-150.00	0.00708
-25.00	-150.00	0.00769	-20.00	-150.00	0.00848
-17.00	-150.00	0.00909	-15.00	-150.00	0.00958
-13.00	-150.00	0.01015	-11.00	-150.00	0.01085
-9.00	-150.00	0.01170	9.00	-150.00	0.00944
11.00	-150.00	0.00855	13.00	-150.00	0.00784
15.00	-150.00	0.00725	17.00	-150.00	0.00673

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTS:
 PAGE 127

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00606	25.00	-150.00	0.00515
30.00	-150.00	0.00444	40.00	-150.00	0.00341
50.00	-150.00	0.00268	60.00	-150.00	0.00216
70.00	-150.00	0.00177	80.00	-150.00	0.00148
90.00	-150.00	0.00126	100.00	-150.00	0.00108
-100.00	-140.00	0.00316	-90.00	-140.00	0.00349
-80.00	-140.00	0.00388	-70.00	-140.00	0.00433
-60.00	-140.00	0.00486	-50.00	-140.00	0.00550

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-40.00	-140.00	0.00627	-30.00	-140.00	0.00726
-25.00	-140.00	0.00791	-20.00	-140.00	0.00873
-17.00	-140.00	0.00937	-15.00	-140.00	0.00987
-13.00	-140.00	0.01046	-11.00	-140.00	0.01119
-9.00	-140.00	0.01207	9.00	-140.00	0.00976
11.00	-140.00	0.00887	13.00	-140.00	0.00813
15.00	-140.00	0.00752	17.00	-140.00	0.00699
20.00	-140.00	0.00630	25.00	-140.00	0.00538
30.00	-140.00	0.00464	40.00	-140.00	0.00357
50.00	-140.00	0.00282	60.00	-140.00	0.00228
70.00	-140.00	0.00187	80.00	-140.00	0.00156
90.00	-140.00	0.00132	100.00	-140.00	0.00113
-100.00	-130.00	0.00318	-90.00	-130.00	0.00352
-80.00	-130.00	0.00391	-70.00	-130.00	0.00437
-60.00	-130.00	0.00492	-50.00	-130.00	0.00558
-40.00	-130.00	0.00638	-30.00	-130.00	0.00742
-25.00	-130.00	0.00810	-20.00	-130.00	0.00896
-17.00	-130.00	0.00961	-15.00	-130.00	0.01012
-13.00	-130.00	0.01072	-11.00	-130.00	0.01146
-9.00	-130.00	0.01235	9.00	-130.00	0.00999
11.00	-130.00	0.00912	13.00	-130.00	0.00839
15.00	-130.00	0.00777	17.00	-130.00	0.00722
20.00	-130.00	0.00652	25.00	-130.00	0.00557
30.00	-130.00	0.00482	40.00	-130.00	0.00372
50.00	-130.00	0.00295	60.00	-130.00	0.00238
70.00	-130.00	0.00196	80.00	-130.00	0.00163
90.00	-130.00	0.00138	100.00	-130.00	0.00118
-100.00	-120.00	0.00320	-90.00	-120.00	0.00354
-80.00	-120.00	0.00394	-70.00	-120.00	0.00441
-60.00	-120.00	0.00498	-50.00	-120.00	0.00565
-40.00	-120.00	0.00649	-30.00	-120.00	0.00757
-25.00	-120.00	0.00827	-20.00	-120.00	0.00915

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00982	-15.00	-120.00	0.01035
-13.00	-120.00	0.01096	-11.00	-120.00	0.01169

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-9.00	-120.00	0.01259	9.00	-120.00	0.01018
11.00	-120.00	0.00931	13.00	-120.00	0.00858
15.00	-120.00	0.00796	17.00	-120.00	0.00741
20.00	-120.00	0.00670	25.00	-120.00	0.00574
30.00	-120.00	0.00497	40.00	-120.00	0.00385
50.00	-120.00	0.00306	60.00	-120.00	0.00248
70.00	-120.00	0.00204	80.00	-120.00	0.00170
90.00	-120.00	0.00144	100.00	-120.00	0.00123
-100.00	-110.00	0.00321	-90.00	-110.00	0.00356
-80.00	-110.00	0.00397	-70.00	-110.00	0.00445
-60.00	-110.00	0.00503	-50.00	-110.00	0.00572
-40.00	-110.00	0.00659	-30.00	-110.00	0.00771
-25.00	-110.00	0.00843	-20.00	-110.00	0.00933
-17.00	-110.00	0.01000	-15.00	-110.00	0.01053
-13.00	-110.00	0.01115	-11.00	-110.00	0.01187
-9.00	-110.00	0.01277	9.00	-110.00	0.01036
11.00	-110.00	0.00949	13.00	-110.00	0.00876
15.00	-110.00	0.00813	17.00	-110.00	0.00758
20.00	-110.00	0.00686	25.00	-110.00	0.00588
30.00	-110.00	0.00511	40.00	-110.00	0.00396
50.00	-110.00	0.00315	60.00	-110.00	0.00256
70.00	-110.00	0.00212	80.00	-110.00	0.00177
90.00	-110.00	0.00150	100.00	-110.00	0.00128
-100.00	-100.00	0.00322	-90.00	-100.00	0.00358
-80.00	-100.00	0.00399	-70.00	-100.00	0.00448
-60.00	-100.00	0.00507	-50.00	-100.00	0.00579
-40.00	-100.00	0.00668	-30.00	-100.00	0.00783
-25.00	-100.00	0.00856	-20.00	-100.00	0.00948
-17.00	-100.00	0.01016	-15.00	-100.00	0.01069
-13.00	-100.00	0.01131	-11.00	-100.00	0.01204
-9.00	-100.00	0.01293	9.00	-100.00	0.01052
11.00	-100.00	0.00964	13.00	-100.00	0.00891
15.00	-100.00	0.00827	17.00	-100.00	0.00772
20.00	-100.00	0.00700	25.00	-100.00	0.00601
30.00	-100.00	0.00523	40.00	-100.00	0.00406
50.00	-100.00	0.00324	60.00	-100.00	0.00264
70.00	-100.00	0.00218	80.00	-100.00	0.00183
90.00	-100.00	0.00155	100.00	-100.00	0.00132

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00323	-90.00	-90.00	0.00359
-80.00	-90.00	0.00401	-70.00	-90.00	0.00451
-60.00	-90.00	0.00512	-50.00	-90.00	0.00585
-40.00	-90.00	0.00676	-30.00	-90.00	0.00793
-25.00	-90.00	0.00868	-20.00	-90.00	0.00961
-17.00	-90.00	0.01029	-15.00	-90.00	0.01082
-13.00	-90.00	0.01144	-11.00	-90.00	0.01218
-9.00	-90.00	0.01306	9.00	-90.00	0.01067
11.00	-90.00	0.00978	13.00	-90.00	0.00904
15.00	-90.00	0.00840	17.00	-90.00	0.00784
20.00	-90.00	0.00711	25.00	-90.00	0.00612
30.00	-90.00	0.00533	40.00	-90.00	0.00415
50.00	-90.00	0.00332	60.00	-90.00	0.00271
70.00	-90.00	0.00224	80.00	-90.00	0.00188
90.00	-90.00	0.00160	100.00	-90.00	0.00137
-100.00	-80.00	0.00324	-90.00	-80.00	0.00360
-80.00	-80.00	0.00403	-70.00	-80.00	0.00454
-60.00	-80.00	0.00515	-50.00	-80.00	0.00590
-40.00	-80.00	0.00683	-30.00	-80.00	0.00803
-25.00	-80.00	0.00879	-20.00	-80.00	0.00972
-17.00	-80.00	0.01041	-15.00	-80.00	0.01094
-13.00	-80.00	0.01156	-11.00	-80.00	0.01229
-9.00	-80.00	0.01318	9.00	-80.00	0.01079
11.00	-80.00	0.00990	13.00	-80.00	0.00916
15.00	-80.00	0.00852	17.00	-80.00	0.00795
20.00	-80.00	0.00722	25.00	-80.00	0.00622
30.00	-80.00	0.00542	40.00	-80.00	0.00423
50.00	-80.00	0.00339	60.00	-80.00	0.00277
70.00	-80.00	0.00230	80.00	-80.00	0.00193
90.00	-80.00	0.00164	100.00	-80.00	0.00141
-100.00	-70.00	0.00325	-90.00	-70.00	0.00362
-80.00	-70.00	0.00405	-70.00	-70.00	0.00457
-60.00	-70.00	0.00519	-50.00	-70.00	0.00595
-40.00	-70.00	0.00690	-30.00	-70.00	0.00811
-25.00	-70.00	0.00888	-20.00	-70.00	0.00982
-17.00	-70.00	0.01051	-15.00	-70.00	0.01104
-13.00	-70.00	0.01166	-11.00	-70.00	0.01239
-9.00	-70.00	0.01328	9.00	-70.00	0.01090
11.00	-70.00	0.00999	13.00	-70.00	0.00925
15.00	-70.00	0.00862	17.00	-70.00	0.00805

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:37:33

**MODELOPTs:

PAGE 130

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00731	25.00	-70.00	0.00630
30.00	-70.00	0.00550	40.00	-70.00	0.00430
50.00	-70.00	0.00345	60.00	-70.00	0.00282
70.00	-70.00	0.00235	80.00	-70.00	0.00198
90.00	-70.00	0.00168	100.00	-70.00	0.00144
-100.00	-60.00	0.00325	-90.00	-60.00	0.00362
-80.00	-60.00	0.00406	-70.00	-60.00	0.00459
-60.00	-60.00	0.00522	-50.00	-60.00	0.00600
-40.00	-60.00	0.00695	-30.00	-60.00	0.00818
-25.00	-60.00	0.00896	-20.00	-60.00	0.00990
-17.00	-60.00	0.01059	-15.00	-60.00	0.01114
-13.00	-60.00	0.01176	-11.00	-60.00	0.01249
-9.00	-60.00	0.01337	9.00	-60.00	0.01101
11.00	-60.00	0.01009	13.00	-60.00	0.00933
15.00	-60.00	0.00870	17.00	-60.00	0.00813
20.00	-60.00	0.00739	25.00	-60.00	0.00638
30.00	-60.00	0.00557	40.00	-60.00	0.00436
50.00	-60.00	0.00351	60.00	-60.00	0.00287
70.00	-60.00	0.00239	80.00	-60.00	0.00202
90.00	-60.00	0.00172	100.00	-60.00	0.00148
-100.00	-50.00	0.00325	-90.00	-50.00	0.00363
-80.00	-50.00	0.00407	-70.00	-50.00	0.00461
-60.00	-50.00	0.00525	-50.00	-50.00	0.00603
-40.00	-50.00	0.00701	-30.00	-50.00	0.00824
-25.00	-50.00	0.00902	-20.00	-50.00	0.00997
-17.00	-50.00	0.01066	-15.00	-50.00	0.01120
-13.00	-50.00	0.01183	-11.00	-50.00	0.01258
-9.00	-50.00	0.01348	9.00	-50.00	0.01110
11.00	-50.00	0.01018	13.00	-50.00	0.00940
15.00	-50.00	0.00876	17.00	-50.00	0.00820
20.00	-50.00	0.00746	25.00	-50.00	0.00645
30.00	-50.00	0.00563	40.00	-50.00	0.00442
50.00	-50.00	0.00356	60.00	-50.00	0.00292
70.00	-50.00	0.00243	80.00	-50.00	0.00205

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

90.00	-50.00	0.00175	100.00	-50.00	0.00151
-100.00	-40.00	0.00325	-90.00	-40.00	0.00363
-80.00	-40.00	0.00408	-70.00	-40.00	0.00462
-60.00	-40.00	0.00527	-50.00	-40.00	0.00607
-40.00	-40.00	0.00705	-30.00	-40.00	0.00829
-25.00	-40.00	0.00907	-20.00	-40.00	0.01002

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 131
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.01073	-15.00	-40.00	0.01127
-13.00	-40.00	0.01189	-11.00	-40.00	0.01264
-9.00	-40.00	0.01355	9.00	-40.00	0.01114
11.00	-40.00	0.01024	13.00	-40.00	0.00949
15.00	-40.00	0.00884	17.00	-40.00	0.00827
20.00	-40.00	0.00753	25.00	-40.00	0.00651
30.00	-40.00	0.00569	40.00	-40.00	0.00447
50.00	-40.00	0.00360	60.00	-40.00	0.00296
70.00	-40.00	0.00247	80.00	-40.00	0.00209
90.00	-40.00	0.00178	100.00	-40.00	0.00153
-100.00	-30.00	0.00325	-90.00	-30.00	0.00363
-80.00	-30.00	0.00409	-70.00	-30.00	0.00463
-60.00	-30.00	0.00529	-50.00	-30.00	0.00609
-40.00	-30.00	0.00708	-30.00	-30.00	0.00834
-25.00	-30.00	0.00912	-20.00	-30.00	0.01008
-17.00	-30.00	0.01078	-15.00	-30.00	0.01133
-13.00	-30.00	0.01196	-11.00	-30.00	0.01270
-9.00	-30.00	0.01361	9.00	-30.00	0.01116
11.00	-30.00	0.01027	13.00	-30.00	0.00953
15.00	-30.00	0.00889	17.00	-30.00	0.00832
20.00	-30.00	0.00758	25.00	-30.00	0.00656
30.00	-30.00	0.00574	40.00	-30.00	0.00451
50.00	-30.00	0.00364	60.00	-30.00	0.00299
70.00	-30.00	0.00250	80.00	-30.00	0.00211
90.00	-30.00	0.00181	100.00	-30.00	0.00156
-100.00	-20.00	0.00324	-90.00	-20.00	0.00363
-80.00	-20.00	0.00409	-70.00	-20.00	0.00464
-60.00	-20.00	0.00530	-50.00	-20.00	0.00612

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-40.00	-20.00	0.00711	-30.00	-20.00	0.00838
-25.00	-20.00	0.00916	-20.00	-20.00	0.01012
-17.00	-20.00	0.01082	-15.00	-20.00	0.01137
-13.00	-20.00	0.01200	-11.00	-20.00	0.01273
-9.00	-20.00	0.01364	9.00	-20.00	0.01120
11.00	-20.00	0.01031	13.00	-20.00	0.00957
15.00	-20.00	0.00893	17.00	-20.00	0.00836
20.00	-20.00	0.00762	25.00	-20.00	0.00660
30.00	-20.00	0.00578	40.00	-20.00	0.00455
50.00	-20.00	0.00367	60.00	-20.00	0.00302
70.00	-20.00	0.00253	80.00	-20.00	0.00214
90.00	-20.00	0.00183	100.00	-20.00	0.00158

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33

**MODELOPTs:
 PAGE 132

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00323	-90.00	-10.00	0.00362
-80.00	-10.00	0.00408	-70.00	-10.00	0.00464
-60.00	-10.00	0.00531	-50.00	-10.00	0.00613
-40.00	-10.00	0.00714	-30.00	-10.00	0.00841
-25.00	-10.00	0.00919	-20.00	-10.00	0.01015
-17.00	-10.00	0.01086	-15.00	-10.00	0.01140
-13.00	-10.00	0.01203	-11.00	-10.00	0.01277
-9.00	-10.00	0.01367	9.00	-10.00	0.01124
11.00	-10.00	0.01035	13.00	-10.00	0.00961
15.00	-10.00	0.00896	17.00	-10.00	0.00840
20.00	-10.00	0.00765	25.00	-10.00	0.00663
30.00	-10.00	0.00582	40.00	-10.00	0.00458
50.00	-10.00	0.00370	60.00	-10.00	0.00305
70.00	-10.00	0.00255	80.00	-10.00	0.00216
90.00	-10.00	0.00185	100.00	-10.00	0.00160
-100.00	0.00	0.00322	-90.00	0.00	0.00361
-80.00	0.00	0.00408	-70.00	0.00	0.00464
-60.00	0.00	0.00532	-50.00	0.00	0.00614
-40.00	0.00	0.00715	-30.00	0.00	0.00843
-25.00	0.00	0.00922	-20.00	0.00	0.01018
-17.00	0.00	0.01088	-15.00	0.00	0.01143
-13.00	0.00	0.01206	-11.00	0.00	0.01280

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-9.00	0.00	0.01369	9.00	0.00	0.01128
11.00	0.00	0.01039	13.00	0.00	0.00964
15.00	0.00	0.00899	17.00	0.00	0.00842
20.00	0.00	0.00768	25.00	0.00	0.00666
30.00	0.00	0.00584	40.00	0.00	0.00461
50.00	0.00	0.00372	60.00	0.00	0.00307
70.00	0.00	0.00257	80.00	0.00	0.00218
90.00	0.00	0.00187	100.00	0.00	0.00162
-100.00	10.00	0.00321	-90.00	10.00	0.00360
-80.00	10.00	0.00407	-70.00	10.00	0.00463
-60.00	10.00	0.00531	-50.00	10.00	0.00614
-40.00	10.00	0.00716	-30.00	10.00	0.00844
-25.00	10.00	0.00923	-20.00	10.00	0.01020
-17.00	10.00	0.01090	-15.00	10.00	0.01145
-13.00	10.00	0.01207	-11.00	10.00	0.01281
-9.00	10.00	0.01371	9.00	10.00	0.01132
11.00	10.00	0.01041	13.00	10.00	0.00967
15.00	10.00	0.00902	17.00	10.00	0.00845

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00770	25.00	10.00	0.00669
30.00	10.00	0.00587	40.00	10.00	0.00463
50.00	10.00	0.00375	60.00	10.00	0.00309
70.00	10.00	0.00259	80.00	10.00	0.00220
90.00	10.00	0.00188	100.00	10.00	0.00163
-100.00	20.00	0.00319	-90.00	20.00	0.00358
-80.00	20.00	0.00405	-70.00	20.00	0.00462
-60.00	20.00	0.00530	-50.00	20.00	0.00614
-40.00	20.00	0.00716	-30.00	20.00	0.00845
-25.00	20.00	0.00924	-20.00	20.00	0.01021
-17.00	20.00	0.01091	-15.00	20.00	0.01146
-13.00	20.00	0.01208	-11.00	20.00	0.01282
-9.00	20.00	0.01371	9.00	20.00	0.01134
11.00	20.00	0.01043	13.00	20.00	0.00968
15.00	20.00	0.00904	17.00	20.00	0.00847
20.00	20.00	0.00772	25.00	20.00	0.00670

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

30.00	20.00	0.00588	40.00	20.00	0.00465
50.00	20.00	0.00376	60.00	20.00	0.00310
70.00	20.00	0.00260	80.00	20.00	0.00221
90.00	20.00	0.00190	100.00	20.00	0.00164
-100.00	30.00	0.00316	-90.00	30.00	0.00356
-80.00	30.00	0.00403	-70.00	30.00	0.00460
-60.00	30.00	0.00529	-50.00	30.00	0.00613
-40.00	30.00	0.00715	-30.00	30.00	0.00844
-25.00	30.00	0.00924	-20.00	30.00	0.01021
-17.00	30.00	0.01092	-15.00	30.00	0.01147
-13.00	30.00	0.01210	-11.00	30.00	0.01283
-9.00	30.00	0.01372	9.00	30.00	0.01137
11.00	30.00	0.01045	13.00	30.00	0.00969
15.00	30.00	0.00905	17.00	30.00	0.00848
20.00	30.00	0.00774	25.00	30.00	0.00671
30.00	30.00	0.00589	40.00	30.00	0.00466
50.00	30.00	0.00377	60.00	30.00	0.00312
70.00	30.00	0.00261	80.00	30.00	0.00222
90.00	30.00	0.00191	100.00	30.00	0.00165
-100.00	40.00	0.00314	-90.00	40.00	0.00353
-80.00	40.00	0.00401	-70.00	40.00	0.00458
-60.00	40.00	0.00527	-50.00	40.00	0.00611
-40.00	40.00	0.00714	-30.00	40.00	0.00843
-25.00	40.00	0.00923	-20.00	40.00	0.01020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 134
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.01091	-15.00	40.00	0.01145
-13.00	40.00	0.01209	-11.00	40.00	0.01284
-9.00	40.00	0.01375	9.00	40.00	0.01139
11.00	40.00	0.01046	13.00	40.00	0.00969
15.00	40.00	0.00905	17.00	40.00	0.00849
20.00	40.00	0.00774	25.00	40.00	0.00672
30.00	40.00	0.00590	40.00	40.00	0.00466
50.00	40.00	0.00378	60.00	40.00	0.00312
70.00	40.00	0.00262	80.00	40.00	0.00223
90.00	40.00	0.00191	100.00	40.00	0.00166

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-100.00	50.00	0.00310	-90.00	50.00	0.00350
-80.00	50.00	0.00398	-70.00	50.00	0.00455
-60.00	50.00	0.00524	-50.00	50.00	0.00609
-40.00	50.00	0.00712	-30.00	50.00	0.00841
-25.00	50.00	0.00921	-20.00	50.00	0.01018
-17.00	50.00	0.01089	-15.00	50.00	0.01144
-13.00	50.00	0.01207	-11.00	50.00	0.01283
-9.00	50.00	0.01374	9.00	50.00	0.01135
11.00	50.00	0.01046	13.00	50.00	0.00971
15.00	50.00	0.00906	17.00	50.00	0.00849
20.00	50.00	0.00775	25.00	50.00	0.00672
30.00	50.00	0.00590	40.00	50.00	0.00467
50.00	50.00	0.00379	60.00	50.00	0.00313
70.00	50.00	0.00263	80.00	50.00	0.00223
90.00	50.00	0.00192	100.00	50.00	0.00167
-100.00	60.00	0.00307	-90.00	60.00	0.00347
-80.00	60.00	0.00394	-70.00	60.00	0.00452
-60.00	60.00	0.00521	-50.00	60.00	0.00605
-40.00	60.00	0.00709	-30.00	60.00	0.00838
-25.00	60.00	0.00918	-20.00	60.00	0.01016
-17.00	60.00	0.01087	-15.00	60.00	0.01142
-13.00	60.00	0.01206	-11.00	60.00	0.01281
-9.00	60.00	0.01373	9.00	60.00	0.01131
11.00	60.00	0.01043	13.00	60.00	0.00969
15.00	60.00	0.00905	17.00	60.00	0.00848
20.00	60.00	0.00774	25.00	60.00	0.00672
30.00	60.00	0.00590	40.00	60.00	0.00467
50.00	60.00	0.00379	60.00	60.00	0.00313
70.00	60.00	0.00263	80.00	60.00	0.00224
90.00	60.00	0.00192	100.00	60.00	0.00167

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 135
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00302	-90.00	70.00	0.00342
-80.00	70.00	0.00390	-70.00	70.00	0.00447
-60.00	70.00	0.00517	-50.00	70.00	0.00601
-40.00	70.00	0.00705	-30.00	70.00	0.00835

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-25.00	70.00	0.00915	-20.00	70.00	0.01012
-17.00	70.00	0.01084	-15.00	70.00	0.01139
-13.00	70.00	0.01203	-11.00	70.00	0.01277
-9.00	70.00	0.01368	9.00	70.00	0.01129
11.00	70.00	0.01040	13.00	70.00	0.00967
15.00	70.00	0.00903	17.00	70.00	0.00846
20.00	70.00	0.00772	25.00	70.00	0.00671
30.00	70.00	0.00589	40.00	70.00	0.00466
50.00	70.00	0.00378	60.00	70.00	0.00313
70.00	70.00	0.00263	80.00	70.00	0.00224
90.00	70.00	0.00193	100.00	70.00	0.00167
-100.00	80.00	0.00297	-90.00	80.00	0.00337
-80.00	80.00	0.00385	-70.00	80.00	0.00442
-60.00	80.00	0.00511	-50.00	80.00	0.00596
-40.00	80.00	0.00699	-30.00	80.00	0.00830
-25.00	80.00	0.00910	-20.00	80.00	0.01008
-17.00	80.00	0.01079	-15.00	80.00	0.01134
-13.00	80.00	0.01198	-11.00	80.00	0.01272
-9.00	80.00	0.01363	9.00	80.00	0.01126
11.00	80.00	0.01038	13.00	80.00	0.00964
15.00	80.00	0.00900	17.00	80.00	0.00844
20.00	80.00	0.00770	25.00	80.00	0.00669
30.00	80.00	0.00588	40.00	80.00	0.00465
50.00	80.00	0.00377	60.00	80.00	0.00312
70.00	80.00	0.00262	80.00	80.00	0.00223
90.00	80.00	0.00193	100.00	80.00	0.00168
-100.00	90.00	0.00292	-90.00	90.00	0.00331
-80.00	90.00	0.00379	-70.00	90.00	0.00436
-60.00	90.00	0.00505	-50.00	90.00	0.00589
-40.00	90.00	0.00693	-30.00	90.00	0.00823
-25.00	90.00	0.00904	-20.00	90.00	0.01002
-17.00	90.00	0.01073	-15.00	90.00	0.01129
-13.00	90.00	0.01192	-11.00	90.00	0.01267
-9.00	90.00	0.01357	9.00	90.00	0.01123
11.00	90.00	0.01034	13.00	90.00	0.00960
15.00	90.00	0.00896	17.00	90.00	0.00840

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 136

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00767	25.00	90.00	0.00666
30.00	90.00	0.00585	40.00	90.00	0.00463
50.00	90.00	0.00376	60.00	90.00	0.00311
70.00	90.00	0.00262	80.00	90.00	0.00223
90.00	90.00	0.00192	100.00	90.00	0.00168
-100.00	100.00	0.00285	-90.00	100.00	0.00325
-80.00	100.00	0.00372	-70.00	100.00	0.00429
-60.00	100.00	0.00498	-50.00	100.00	0.00582
-40.00	100.00	0.00685	-30.00	100.00	0.00816
-25.00	100.00	0.00896	-20.00	100.00	0.00995
-17.00	100.00	0.01066	-15.00	100.00	0.01121
-13.00	100.00	0.01185	-11.00	100.00	0.01260
-9.00	100.00	0.01350	9.00	100.00	0.01120
11.00	100.00	0.01030	13.00	100.00	0.00956
15.00	100.00	0.00893	17.00	100.00	0.00836
20.00	100.00	0.00763	25.00	100.00	0.00663
30.00	100.00	0.00582	40.00	100.00	0.00461
50.00	100.00	0.00374	60.00	100.00	0.00310
70.00	100.00	0.00261	80.00	100.00	0.00222
90.00	100.00	0.00192	100.00	100.00	0.00168
-100.00	110.00	0.00277	-90.00	110.00	0.00317
-80.00	110.00	0.00364	-70.00	110.00	0.00420
-60.00	110.00	0.00489	-50.00	110.00	0.00572
-40.00	110.00	0.00676	-30.00	110.00	0.00806
-25.00	110.00	0.00887	-20.00	110.00	0.00985
-17.00	110.00	0.01057	-15.00	110.00	0.01112
-13.00	110.00	0.01176	-11.00	110.00	0.01251
-9.00	110.00	0.01341	9.00	110.00	0.01114
11.00	110.00	0.01024	13.00	110.00	0.00951
15.00	110.00	0.00888	17.00	110.00	0.00832
20.00	110.00	0.00758	25.00	110.00	0.00658
30.00	110.00	0.00578	40.00	110.00	0.00458
50.00	110.00	0.00372	60.00	110.00	0.00308
70.00	110.00	0.00259	80.00	110.00	0.00222
90.00	110.00	0.00192	100.00	110.00	0.00167
-100.00	120.00	0.00268	-90.00	120.00	0.00307
-80.00	120.00	0.00354	-70.00	120.00	0.00411
-60.00	120.00	0.00479	-50.00	120.00	0.00562
-40.00	120.00	0.00664	-30.00	120.00	0.00794
-25.00	120.00	0.00876	-20.00	120.00	0.00974

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTS:
PAGE 137

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.01046	-15.00	120.00	0.01102
-13.00	120.00	0.01166	-11.00	120.00	0.01241
-9.00	120.00	0.01331	9.00	120.00	0.01108
11.00	120.00	0.01018	13.00	120.00	0.00944
15.00	120.00	0.00881	17.00	120.00	0.00825
20.00	120.00	0.00753	25.00	120.00	0.00653
30.00	120.00	0.00574	40.00	120.00	0.00454
50.00	120.00	0.00369	60.00	120.00	0.00306
70.00	120.00	0.00258	80.00	120.00	0.00221
90.00	120.00	0.00191	100.00	120.00	0.00167
-100.00	130.00	0.00258	-90.00	130.00	0.00297
-80.00	130.00	0.00343	-70.00	130.00	0.00399
-60.00	130.00	0.00467	-50.00	130.00	0.00549
-40.00	130.00	0.00651	-30.00	130.00	0.00780
-25.00	130.00	0.00861	-20.00	130.00	0.00960
-17.00	130.00	0.01032	-15.00	130.00	0.01088
-13.00	130.00	0.01152	-11.00	130.00	0.01229
-9.00	130.00	0.01322	9.00	130.00	0.01101
11.00	130.00	0.01011	13.00	130.00	0.00935
15.00	130.00	0.00872	17.00	130.00	0.00818
20.00	130.00	0.00746	25.00	130.00	0.00647
30.00	130.00	0.00568	40.00	130.00	0.00450
50.00	130.00	0.00366	60.00	130.00	0.00303
70.00	130.00	0.00256	80.00	130.00	0.00219
90.00	130.00	0.00190	100.00	130.00	0.00166
-100.00	140.00	0.00247	-90.00	140.00	0.00284
-80.00	140.00	0.00330	-70.00	140.00	0.00385
-60.00	140.00	0.00452	-50.00	140.00	0.00534
-40.00	140.00	0.00634	-30.00	140.00	0.00763
-25.00	140.00	0.00843	-20.00	140.00	0.00942
-17.00	140.00	0.01015	-15.00	140.00	0.01071
-13.00	140.00	0.01135	-11.00	140.00	0.01213
-9.00	140.00	0.01306	9.00	140.00	0.01087
11.00	140.00	0.01000	13.00	140.00	0.00927
15.00	140.00	0.00864	17.00	140.00	0.00809
20.00	140.00	0.00738	25.00	140.00	0.00640

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

30.00	140.00	0.00561	40.00	140.00	0.00445
50.00	140.00	0.00362	60.00	140.00	0.00301
70.00	140.00	0.00254	80.00	140.00	0.00218
90.00	140.00	0.00189	100.00	140.00	0.00166

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:37:33
 **MODELOPTs:
 PAGE 138
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00235	-90.00	150.00	0.00271
-80.00	150.00	0.00315	-70.00	150.00	0.00369
-60.00	150.00	0.00435	-50.00	150.00	0.00516
-40.00	150.00	0.00615	-30.00	150.00	0.00743
-25.00	150.00	0.00823	-20.00	150.00	0.00921
-17.00	150.00	0.00994	-15.00	150.00	0.01051
-13.00	150.00	0.01116	-11.00	150.00	0.01193
-9.00	150.00	0.01286	9.00	150.00	0.01070
11.00	150.00	0.00985	13.00	150.00	0.00914
15.00	150.00	0.00852	17.00	150.00	0.00798
20.00	150.00	0.00727	25.00	150.00	0.00631
30.00	150.00	0.00554	40.00	150.00	0.00439
50.00	150.00	0.00358	60.00	150.00	0.00298
70.00	150.00	0.00252	80.00	150.00	0.00217
90.00	150.00	0.00188	100.00	150.00	0.00165
-100.00	160.00	0.00222	-90.00	160.00	0.00256
-80.00	160.00	0.00298	-70.00	160.00	0.00350
-60.00	160.00	0.00414	-50.00	160.00	0.00494
-40.00	160.00	0.00592	-30.00	160.00	0.00718
-25.00	160.00	0.00797	-20.00	160.00	0.00895
-17.00	160.00	0.00968	-15.00	160.00	0.01025
-13.00	160.00	0.01090	-11.00	160.00	0.01166
-9.00	160.00	0.01260	9.00	160.00	0.01054
11.00	160.00	0.00969	13.00	160.00	0.00899
15.00	160.00	0.00838	17.00	160.00	0.00785
20.00	160.00	0.00715	25.00	160.00	0.00621
30.00	160.00	0.00545	40.00	160.00	0.00433
50.00	160.00	0.00353	60.00	160.00	0.00295
70.00	160.00	0.00250	80.00	160.00	0.00215
90.00	160.00	0.00187	100.00	160.00	0.00164

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-100.00	170.00	0.00209	-90.00	170.00	0.00240
-80.00	170.00	0.00280	-70.00	170.00	0.00329
-60.00	170.00	0.00390	-50.00	170.00	0.00468
-40.00	170.00	0.00564	-30.00	170.00	0.00688
-25.00	170.00	0.00766	-20.00	170.00	0.00864
-17.00	170.00	0.00936	-15.00	170.00	0.00992
-13.00	170.00	0.01058	-11.00	170.00	0.01135
-9.00	170.00	0.01228	9.00	170.00	0.01034
11.00	170.00	0.00950	13.00	170.00	0.00881
15.00	170.00	0.00821	17.00	170.00	0.00769

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00701	25.00	170.00	0.00609
30.00	170.00	0.00535	40.00	170.00	0.00426
50.00	170.00	0.00348	60.00	170.00	0.00291
70.00	170.00	0.00248	80.00	170.00	0.00213
90.00	170.00	0.00186	100.00	170.00	0.00164
-100.00	180.00	0.00195	-90.00	180.00	0.00224
-80.00	180.00	0.00260	-70.00	180.00	0.00306
-60.00	180.00	0.00363	-50.00	180.00	0.00436
-40.00	180.00	0.00530	-30.00	180.00	0.00652
-25.00	180.00	0.00729	-20.00	180.00	0.00824
-17.00	180.00	0.00896	-15.00	180.00	0.00952
-13.00	180.00	0.01017	-11.00	180.00	0.01094
-9.00	180.00	0.01187	9.00	180.00	0.01010
11.00	180.00	0.00928	13.00	180.00	0.00860
15.00	180.00	0.00802	17.00	180.00	0.00751
20.00	180.00	0.00685	25.00	180.00	0.00595
30.00	180.00	0.00524	40.00	180.00	0.00418
50.00	180.00	0.00344	60.00	180.00	0.00288
70.00	180.00	0.00245	80.00	180.00	0.00212
90.00	180.00	0.00185	100.00	180.00	0.00163
-100.00	190.00	0.00180	-90.00	190.00	0.00207
-80.00	190.00	0.00240	-70.00	190.00	0.00281
-60.00	190.00	0.00333	-50.00	190.00	0.00400
-40.00	190.00	0.00488	-30.00	190.00	0.00607

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

-25.00	190.00	0.00683	-20.00	190.00	0.00777
-17.00	190.00	0.00847	-15.00	190.00	0.00902
-13.00	190.00	0.00967	-11.00	190.00	0.01043
-9.00	190.00	0.01137	9.00	190.00	0.00983
11.00	190.00	0.00902	13.00	190.00	0.00836
15.00	190.00	0.00780	17.00	190.00	0.00731
20.00	190.00	0.00667	25.00	190.00	0.00581
30.00	190.00	0.00513	40.00	190.00	0.00411
50.00	190.00	0.00339	60.00	190.00	0.00284
70.00	190.00	0.00243	80.00	190.00	0.00210
90.00	190.00	0.00183	100.00	190.00	0.00162
-100.00	200.00	0.00166	-90.00	200.00	0.00190
-80.00	200.00	0.00220	-70.00	200.00	0.00256
-60.00	200.00	0.00303	-50.00	200.00	0.00363
-40.00	200.00	0.00442	-30.00	200.00	0.00551
-25.00	200.00	0.00625	-20.00	200.00	0.00717

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00786	-15.00	200.00	0.00841
-13.00	200.00	0.00904	-11.00	200.00	0.00979
-9.00	200.00	0.01072	9.00	200.00	0.00950
11.00	200.00	0.00871	13.00	200.00	0.00809
15.00	200.00	0.00756	17.00	200.00	0.00710
20.00	200.00	0.00649	25.00	200.00	0.00567
30.00	200.00	0.00502	40.00	200.00	0.00404
50.00	200.00	0.00333	60.00	200.00	0.00281
70.00	200.00	0.00240	80.00	200.00	0.00208
90.00	200.00	0.00181	100.00	200.00	0.00160
-100.00	210.00	0.00153	-90.00	210.00	0.00174
-80.00	210.00	0.00200	-70.00	210.00	0.00232
-60.00	210.00	0.00272	-50.00	210.00	0.00324
-40.00	210.00	0.00393	-30.00	210.00	0.00490
-25.00	210.00	0.00556	-20.00	210.00	0.00643
-17.00	210.00	0.00709	-15.00	210.00	0.00762
-13.00	210.00	0.00824	-11.00	210.00	0.00898
-9.00	210.00	0.00989	9.00	210.00	0.00914

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

11.00	210.00	0.00841	13.00	210.00	0.00782
15.00	210.00	0.00733	17.00	210.00	0.00689
20.00	210.00	0.00633	25.00	210.00	0.00554
30.00	210.00	0.00491	40.00	210.00	0.00397
50.00	210.00	0.00328	60.00	210.00	0.00276
70.00	210.00	0.00236	80.00	210.00	0.00205
90.00	210.00	0.00179	100.00	210.00	0.00158
-100.00	220.00	0.00142	-90.00	220.00	0.00161
-80.00	220.00	0.00183	-70.00	220.00	0.00211
-60.00	220.00	0.00246	-50.00	220.00	0.00290
-40.00	220.00	0.00349	-30.00	220.00	0.00431
-25.00	220.00	0.00488	-20.00	220.00	0.00563
-17.00	220.00	0.00620	-15.00	220.00	0.00666
-13.00	220.00	0.00721	-11.00	220.00	0.00787
-9.00	220.00	0.00870	9.00	220.00	0.00881
11.00	220.00	0.00814	13.00	220.00	0.00757
15.00	220.00	0.00711	17.00	220.00	0.00670
20.00	220.00	0.00616	25.00	220.00	0.00540
30.00	220.00	0.00479	40.00	220.00	0.00387
50.00	220.00	0.00321	60.00	220.00	0.00271
70.00	220.00	0.00232	80.00	220.00	0.00201
90.00	220.00	0.00177	100.00	220.00	0.00156

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00132	-90.00	230.00	0.00149
-80.00	230.00	0.00170	-70.00	230.00	0.00194
-60.00	230.00	0.00225	-50.00	230.00	0.00264
-40.00	230.00	0.00316	-30.00	230.00	0.00390
-25.00	230.00	0.00441	-20.00	230.00	0.00507
-17.00	230.00	0.00558	-15.00	230.00	0.00598
-13.00	230.00	0.00646	-11.00	230.00	0.00702
-9.00	230.00	0.00768	9.00	230.00	0.00817
11.00	230.00	0.00763	13.00	230.00	0.00715
15.00	230.00	0.00673	17.00	230.00	0.00635
20.00	230.00	0.00585	25.00	230.00	0.00515
30.00	230.00	0.00459	40.00	230.00	0.00373

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

50.00	230.00	0.00310	60.00	230.00	0.00263
70.00	230.00	0.00226	80.00	230.00	0.00197
90.00	230.00	0.00173	100.00	230.00	0.00153
-100.00	240.00	0.00124	-90.00	240.00	0.00139
-80.00	240.00	0.00158	-70.00	240.00	0.00181
-60.00	240.00	0.00209	-50.00	240.00	0.00245
-40.00	240.00	0.00294	-30.00	240.00	0.00365
-25.00	240.00	0.00415	-20.00	240.00	0.00479
-17.00	240.00	0.00529	-15.00	240.00	0.00567
-13.00	240.00	0.00611	-11.00	240.00	0.00659
-9.00	240.00	0.00711	9.00	240.00	0.00694
11.00	240.00	0.00660	13.00	240.00	0.00628
15.00	240.00	0.00599	17.00	240.00	0.00571
20.00	240.00	0.00532	25.00	240.00	0.00477
30.00	240.00	0.00429	40.00	240.00	0.00353
50.00	240.00	0.00296	60.00	240.00	0.00253
70.00	240.00	0.00218	80.00	240.00	0.00191
90.00	240.00	0.00168	100.00	240.00	0.00150
-100.00	250.00	0.00117	-90.00	250.00	0.00131
-80.00	250.00	0.00149	-70.00	250.00	0.00170
-60.00	250.00	0.00197	-50.00	250.00	0.00232
-40.00	250.00	0.00279	-30.00	250.00	0.00348
-25.00	250.00	0.00395	-20.00	250.00	0.00454
-17.00	250.00	0.00496	-15.00	250.00	0.00528
-13.00	250.00	0.00560	-11.00	250.00	0.00593
-9.00	250.00	0.00625	9.00	250.00	0.00589
11.00	250.00	0.00565	13.00	250.00	0.00542
15.00	250.00	0.00521	17.00	250.00	0.00501

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00473	25.00	250.00	0.00430
30.00	250.00	0.00393	40.00	250.00	0.00330
50.00	250.00	0.00281	60.00	250.00	0.00242
70.00	250.00	0.00210	80.00	250.00	0.00184
90.00	250.00	0.00163	100.00	250.00	0.00146

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

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03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00746 AT (-9.00, 190.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00737 AT (-9.00, 180.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00731 AT (-9.00, 200.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00705 AT (-9.00, 170.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00688 AT (-9.00, 210.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00660 AT (-11.00, 190.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00655 AT (-11.00, 180.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00652 AT (-9.00, 160.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00642 AT (-11.00, 200.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00630 AT (-11.00, 170.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00746 AT (-9.00, 100.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00737 AT (-9.00, 90.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00731 AT (-9.00, 110.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00705 AT (-9.00, 80.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00688 AT (-9.00, 120.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00660 AT (-11.00, 100.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00655 AT (-11.00, 90.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00652 AT (-9.00, 70.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00642 AT (-11.00, 110.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00630 AT (-11.00, 80.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00746 AT (-9.00, 10.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00737 AT (-9.00, 0.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00731 AT (-9.00, 20.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00705 AT (-9.00, -10.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00688 AT (-9.00, 30.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00660 AT (-11.00, 10.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00655 AT (-11.00, 0.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00652 AT (-9.00, -20.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00642 AT (-11.00, 20.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00630 AT (-11.00, -10.00, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***
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*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00746 AT (-9.00, -80.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00737 AT (-9.00, -90.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00731 AT (-9.00, -70.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00705 AT (-9.00, -100.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00688 AT (-9.00, -60.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00660 AT (-11.00, -80.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00655 AT (-11.00, -90.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00652 AT (-9.00, -110.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00642 AT (-11.00, -70.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00630 AT (-11.00, -100.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00746 AT (-9.00, -170.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00737 AT (-9.00, -180.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00731 AT (-9.00, -160.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00705 AT (-9.00, -190.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00688 AT (-9.00, -150.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00660 AT (-11.00, -170.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00655 AT (-11.00, -180.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00652 AT (-9.00, -200.00, 0.00, 1.20)	DC	NA

		03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound							
	9TH HIGHEST VALUE IS	0.00642	AT (	-11.00,	-160.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00630	AT (	-11.00,	-190.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01375	AT (	-9.00,	40.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01374	AT (	-9.00,	50.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01373	AT (	-9.00,	60.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01372	AT (	-9.00,	30.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01371	AT (	-9.00,	20.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01371	AT (	-9.00,	10.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01369	AT (	-9.00,	0.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01368	AT (	-9.00,	70.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01367	AT (	-9.00,	-10.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01364	AT (	-9.00,	-20.00,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 6 Informational Message(s)
 A Total of 6 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***

1 04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound
ISCST3 - (DATED 02035)

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 16:46:52

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound.dat

** Trinity Consultants

CO STARTING

CO TITLEONE NCRA Cumulative DPM Impacts

CO TITLETWO Maximum train overlap at North/South Bound Direction

CO MODELOPT DFAULT CONC URBAN

CO AVERTIME ANNUAL

CO POLLUTID OTHER

CO TERRHGTS FLAT

CO FLAGPOLE 1.2

CO RUNORNOT RUN

CO FINISHED

SO STARTING

SO ELEVUNIT METERS

SO LOCATION NCRA_S1 AREA -4.5 135.0 0

** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South

SO LOCATION NCRA_S2 AREA -4.5 45.0 0

** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South

SO LOCATION NCRA_S3 AREA -4.5 -45.0 0

** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South

SO LOCATION NCRA_S4 AREA -4.5 -135.0 0

** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South

SO LOCATION NCRA_S5 AREA -4.5 -225.0 0

** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South

SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 0 2.3

SO SRCGROUP NCRA_S1 NCRA_S1

SO SRCGROUP NCRA_S2 NCRA_S2

SO SRCGROUP NCRA_S3 NCRA_S3

SO SRCGROUP NCRA_S4 NCRA_S4

SO SRCGROUP NCRA_S5 NCRA_S5

SO SRCGROUP ALL

SO FINISHED

RE STARTING

RE DISCCART	-100.0	-250.0	1.2
RE DISCCART	-90.0	-250.0	1.2
RE DISCCART	-80.0	-250.0	1.2
RE DISCCART	-70.0	-250.0	1.2
RE DISCCART	-60.0	-250.0	1.2
RE DISCCART	-50.0	-250.0	1.2
RE DISCCART	-40.0	-250.0	1.2
RE DISCCART	-30.0	-250.0	1.2
RE DISCCART	-25.0	-250.0	1.2
RE DISCCART	-20.0	-250.0	1.2
RE DISCCART	-17.0	-250.0	1.2
RE DISCCART	-15.0	-250.0	1.2
RE DISCCART	-13.0	-250.0	1.2
RE DISCCART	-11.0	-250.0	1.2
RE DISCCART	-9.0	-250.0	1.2
RE DISCCART	9.0	-250.0	1.2
RE DISCCART	11.0	-250.0	1.2
RE DISCCART	13.0	-250.0	1.2
RE DISCCART	15.0	-250.0	1.2
RE DISCCART	17.0	-250.0	1.2
RE DISCCART	20.0	-250.0	1.2
RE DISCCART	25.0	-250.0	1.2
RE DISCCART	30.0	-250.0	1.2
RE DISCCART	40.0	-250.0	1.2
RE DISCCART	50.0	-250.0	1.2
RE DISCCART	60.0	-250.0	1.2
RE DISCCART	70.0	-250.0	1.2
RE DISCCART	80.0	-250.0	1.2
RE DISCCART	90.0	-250.0	1.2
RE DISCCART	100.0	-250.0	1.2
RE DISCCART	-100.0	-240.0	1.2
RE DISCCART	-90.0	-240.0	1.2
RE DISCCART	-80.0	-240.0	1.2
RE DISCCART	-70.0	-240.0	1.2
RE DISCCART	-60.0	-240.0	1.2
RE DISCCART	-50.0	-240.0	1.2
RE DISCCART	-40.0	-240.0	1.2
RE DISCCART	-30.0	-240.0	1.2
RE DISCCART	-25.0	-240.0	1.2
RE DISCCART	-20.0	-240.0	1.2
RE DISCCART	-17.0	-240.0	1.2
RE DISCCART	-15.0	-240.0	1.2
RE DISCCART	-13.0	-240.0	1.2

RE DISCCART -11.0 -240.0 1.2
RE DISCCART -9.0 -240.0 1.2
RE DISCCART 9.0 -240.0 1.2
RE DISCCART 11.0 -240.0 1.2
RE DISCCART 13.0 -240.0 1.2
RE DISCCART 15.0 -240.0 1.2
RE DISCCART 17.0 -240.0 1.2
RE DISCCART 20.0 -240.0 1.2
RE DISCCART 25.0 -240.0 1.2
RE DISCCART 30.0 -240.0 1.2
RE DISCCART 40.0 -240.0 1.2
RE DISCCART 50.0 -240.0 1.2
RE DISCCART 60.0 -240.0 1.2
RE DISCCART 70.0 -240.0 1.2
RE DISCCART 80.0 -240.0 1.2
RE DISCCART 90.0 -240.0 1.2
RE DISCCART 100.0 -240.0 1.2
RE DISCCART -100.0 -230.0 1.2
RE DISCCART -90.0 -230.0 1.2
RE DISCCART -80.0 -230.0 1.2
RE DISCCART -70.0 -230.0 1.2
RE DISCCART -60.0 -230.0 1.2
RE DISCCART -50.0 -230.0 1.2
RE DISCCART -40.0 -230.0 1.2
RE DISCCART -30.0 -230.0 1.2
RE DISCCART -25.0 -230.0 1.2
RE DISCCART -20.0 -230.0 1.2
RE DISCCART -17.0 -230.0 1.2
RE DISCCART -15.0 -230.0 1.2
RE DISCCART -13.0 -230.0 1.2
RE DISCCART -11.0 -230.0 1.2
RE DISCCART -9.0 -230.0 1.2
RE DISCCART 9.0 -230.0 1.2
RE DISCCART 11.0 -230.0 1.2
RE DISCCART 13.0 -230.0 1.2
RE DISCCART 15.0 -230.0 1.2
RE DISCCART 17.0 -230.0 1.2
RE DISCCART 20.0 -230.0 1.2
RE DISCCART 25.0 -230.0 1.2
RE DISCCART 30.0 -230.0 1.2
RE DISCCART 40.0 -230.0 1.2
RE DISCCART 50.0 -230.0 1.2
RE DISCCART 60.0 -230.0 1.2
RE DISCCART 70.0 -230.0 1.2

RE DISCCART	80.0	-230.0	1.2
RE DISCCART	90.0	-230.0	1.2
RE DISCCART	100.0	-230.0	1.2
RE DISCCART	-100.0	-220.0	1.2
RE DISCCART	-90.0	-220.0	1.2
RE DISCCART	-80.0	-220.0	1.2
RE DISCCART	-70.0	-220.0	1.2
RE DISCCART	-60.0	-220.0	1.2
RE DISCCART	-50.0	-220.0	1.2
RE DISCCART	-40.0	-220.0	1.2
RE DISCCART	-30.0	-220.0	1.2
RE DISCCART	-25.0	-220.0	1.2
RE DISCCART	-20.0	-220.0	1.2
RE DISCCART	-17.0	-220.0	1.2
RE DISCCART	-15.0	-220.0	1.2
RE DISCCART	-13.0	-220.0	1.2
RE DISCCART	-11.0	-220.0	1.2
RE DISCCART	-9.0	-220.0	1.2
RE DISCCART	9.0	-220.0	1.2
RE DISCCART	11.0	-220.0	1.2
RE DISCCART	13.0	-220.0	1.2
RE DISCCART	15.0	-220.0	1.2
RE DISCCART	17.0	-220.0	1.2
RE DISCCART	20.0	-220.0	1.2
RE DISCCART	25.0	-220.0	1.2
RE DISCCART	30.0	-220.0	1.2
RE DISCCART	40.0	-220.0	1.2
RE DISCCART	50.0	-220.0	1.2
RE DISCCART	60.0	-220.0	1.2
RE DISCCART	70.0	-220.0	1.2
RE DISCCART	80.0	-220.0	1.2
RE DISCCART	90.0	-220.0	1.2
RE DISCCART	100.0	-220.0	1.2
RE DISCCART	-100.0	-210.0	1.2
RE DISCCART	-90.0	-210.0	1.2
RE DISCCART	-80.0	-210.0	1.2
RE DISCCART	-70.0	-210.0	1.2
RE DISCCART	-60.0	-210.0	1.2
RE DISCCART	-50.0	-210.0	1.2
RE DISCCART	-40.0	-210.0	1.2
RE DISCCART	-30.0	-210.0	1.2
RE DISCCART	-25.0	-210.0	1.2
RE DISCCART	-20.0	-210.0	1.2
RE DISCCART	-17.0	-210.0	1.2

RE DISCCART	-15.0	-210.0	1.2
RE DISCCART	-13.0	-210.0	1.2
RE DISCCART	-11.0	-210.0	1.2
RE DISCCART	-9.0	-210.0	1.2
RE DISCCART	9.0	-210.0	1.2
RE DISCCART	11.0	-210.0	1.2
RE DISCCART	13.0	-210.0	1.2
RE DISCCART	15.0	-210.0	1.2
RE DISCCART	17.0	-210.0	1.2
RE DISCCART	20.0	-210.0	1.2
RE DISCCART	25.0	-210.0	1.2
RE DISCCART	30.0	-210.0	1.2
RE DISCCART	40.0	-210.0	1.2
RE DISCCART	50.0	-210.0	1.2
RE DISCCART	60.0	-210.0	1.2
RE DISCCART	70.0	-210.0	1.2
RE DISCCART	80.0	-210.0	1.2
RE DISCCART	90.0	-210.0	1.2
RE DISCCART	100.0	-210.0	1.2
RE DISCCART	-100.0	-200.0	1.2
RE DISCCART	-90.0	-200.0	1.2
RE DISCCART	-80.0	-200.0	1.2
RE DISCCART	-70.0	-200.0	1.2
RE DISCCART	-60.0	-200.0	1.2
RE DISCCART	-50.0	-200.0	1.2
RE DISCCART	-40.0	-200.0	1.2
RE DISCCART	-30.0	-200.0	1.2
RE DISCCART	-25.0	-200.0	1.2
RE DISCCART	-20.0	-200.0	1.2
RE DISCCART	-17.0	-200.0	1.2
RE DISCCART	-15.0	-200.0	1.2
RE DISCCART	-13.0	-200.0	1.2
RE DISCCART	-11.0	-200.0	1.2
RE DISCCART	-9.0	-200.0	1.2
RE DISCCART	9.0	-200.0	1.2
RE DISCCART	11.0	-200.0	1.2
RE DISCCART	13.0	-200.0	1.2
RE DISCCART	15.0	-200.0	1.2
RE DISCCART	17.0	-200.0	1.2
RE DISCCART	20.0	-200.0	1.2
RE DISCCART	25.0	-200.0	1.2
RE DISCCART	30.0	-200.0	1.2
RE DISCCART	40.0	-200.0	1.2
RE DISCCART	50.0	-200.0	1.2

RE DISCCART	60.0	-200.0	1.2
RE DISCCART	70.0	-200.0	1.2
RE DISCCART	80.0	-200.0	1.2
RE DISCCART	90.0	-200.0	1.2
RE DISCCART	100.0	-200.0	1.2
RE DISCCART	-100.0	-190.0	1.2
RE DISCCART	-90.0	-190.0	1.2
RE DISCCART	-80.0	-190.0	1.2
RE DISCCART	-70.0	-190.0	1.2
RE DISCCART	-60.0	-190.0	1.2
RE DISCCART	-50.0	-190.0	1.2
RE DISCCART	-40.0	-190.0	1.2
RE DISCCART	-30.0	-190.0	1.2
RE DISCCART	-25.0	-190.0	1.2
RE DISCCART	-20.0	-190.0	1.2
RE DISCCART	-17.0	-190.0	1.2
RE DISCCART	-15.0	-190.0	1.2
RE DISCCART	-13.0	-190.0	1.2
RE DISCCART	-11.0	-190.0	1.2
RE DISCCART	-9.0	-190.0	1.2
RE DISCCART	9.0	-190.0	1.2
RE DISCCART	11.0	-190.0	1.2
RE DISCCART	13.0	-190.0	1.2
RE DISCCART	15.0	-190.0	1.2
RE DISCCART	17.0	-190.0	1.2
RE DISCCART	20.0	-190.0	1.2
RE DISCCART	25.0	-190.0	1.2
RE DISCCART	30.0	-190.0	1.2
RE DISCCART	40.0	-190.0	1.2
RE DISCCART	50.0	-190.0	1.2
RE DISCCART	60.0	-190.0	1.2
RE DISCCART	70.0	-190.0	1.2
RE DISCCART	80.0	-190.0	1.2
RE DISCCART	90.0	-190.0	1.2
RE DISCCART	100.0	-190.0	1.2
RE DISCCART	-100.0	-180.0	1.2
RE DISCCART	-90.0	-180.0	1.2
RE DISCCART	-80.0	-180.0	1.2
RE DISCCART	-70.0	-180.0	1.2
RE DISCCART	-60.0	-180.0	1.2
RE DISCCART	-50.0	-180.0	1.2
RE DISCCART	-40.0	-180.0	1.2
RE DISCCART	-30.0	-180.0	1.2
RE DISCCART	-25.0	-180.0	1.2

RE DISCCART	-20.0	-180.0	1.2
RE DISCCART	-17.0	-180.0	1.2
RE DISCCART	-15.0	-180.0	1.2
RE DISCCART	-13.0	-180.0	1.2
RE DISCCART	-11.0	-180.0	1.2
RE DISCCART	-9.0	-180.0	1.2
RE DISCCART	9.0	-180.0	1.2
RE DISCCART	11.0	-180.0	1.2
RE DISCCART	13.0	-180.0	1.2
RE DISCCART	15.0	-180.0	1.2
RE DISCCART	17.0	-180.0	1.2
RE DISCCART	20.0	-180.0	1.2
RE DISCCART	25.0	-180.0	1.2
RE DISCCART	30.0	-180.0	1.2
RE DISCCART	40.0	-180.0	1.2
RE DISCCART	50.0	-180.0	1.2
RE DISCCART	60.0	-180.0	1.2
RE DISCCART	70.0	-180.0	1.2
RE DISCCART	80.0	-180.0	1.2
RE DISCCART	90.0	-180.0	1.2
RE DISCCART	100.0	-180.0	1.2
RE DISCCART	-100.0	-170.0	1.2
RE DISCCART	-90.0	-170.0	1.2
RE DISCCART	-80.0	-170.0	1.2
RE DISCCART	-70.0	-170.0	1.2
RE DISCCART	-60.0	-170.0	1.2
RE DISCCART	-50.0	-170.0	1.2
RE DISCCART	-40.0	-170.0	1.2
RE DISCCART	-30.0	-170.0	1.2
RE DISCCART	-25.0	-170.0	1.2
RE DISCCART	-20.0	-170.0	1.2
RE DISCCART	-17.0	-170.0	1.2
RE DISCCART	-15.0	-170.0	1.2
RE DISCCART	-13.0	-170.0	1.2
RE DISCCART	-11.0	-170.0	1.2
RE DISCCART	-9.0	-170.0	1.2
RE DISCCART	9.0	-170.0	1.2
RE DISCCART	11.0	-170.0	1.2
RE DISCCART	13.0	-170.0	1.2
RE DISCCART	15.0	-170.0	1.2
RE DISCCART	17.0	-170.0	1.2
RE DISCCART	20.0	-170.0	1.2
RE DISCCART	25.0	-170.0	1.2
RE DISCCART	30.0	-170.0	1.2

RE DISCCART	40.0	-170.0	1.2
RE DISCCART	50.0	-170.0	1.2
RE DISCCART	60.0	-170.0	1.2
RE DISCCART	70.0	-170.0	1.2
RE DISCCART	80.0	-170.0	1.2
RE DISCCART	90.0	-170.0	1.2
RE DISCCART	100.0	-170.0	1.2
RE DISCCART	-100.0	-160.0	1.2
RE DISCCART	-90.0	-160.0	1.2
RE DISCCART	-80.0	-160.0	1.2
RE DISCCART	-70.0	-160.0	1.2
RE DISCCART	-60.0	-160.0	1.2
RE DISCCART	-50.0	-160.0	1.2
RE DISCCART	-40.0	-160.0	1.2
RE DISCCART	-30.0	-160.0	1.2
RE DISCCART	-25.0	-160.0	1.2
RE DISCCART	-20.0	-160.0	1.2
RE DISCCART	-17.0	-160.0	1.2
RE DISCCART	-15.0	-160.0	1.2
RE DISCCART	-13.0	-160.0	1.2
RE DISCCART	-11.0	-160.0	1.2
RE DISCCART	-9.0	-160.0	1.2
RE DISCCART	9.0	-160.0	1.2
RE DISCCART	11.0	-160.0	1.2
RE DISCCART	13.0	-160.0	1.2
RE DISCCART	15.0	-160.0	1.2
RE DISCCART	17.0	-160.0	1.2
RE DISCCART	20.0	-160.0	1.2
RE DISCCART	25.0	-160.0	1.2
RE DISCCART	30.0	-160.0	1.2
RE DISCCART	40.0	-160.0	1.2
RE DISCCART	50.0	-160.0	1.2
RE DISCCART	60.0	-160.0	1.2
RE DISCCART	70.0	-160.0	1.2
RE DISCCART	80.0	-160.0	1.2
RE DISCCART	90.0	-160.0	1.2
RE DISCCART	100.0	-160.0	1.2
RE DISCCART	-100.0	-150.0	1.2
RE DISCCART	-90.0	-150.0	1.2
RE DISCCART	-80.0	-150.0	1.2
RE DISCCART	-70.0	-150.0	1.2
RE DISCCART	-60.0	-150.0	1.2
RE DISCCART	-50.0	-150.0	1.2
RE DISCCART	-40.0	-150.0	1.2

RE DISCCART	-30.0	-150.0	1.2
RE DISCCART	-25.0	-150.0	1.2
RE DISCCART	-20.0	-150.0	1.2
RE DISCCART	-17.0	-150.0	1.2
RE DISCCART	-15.0	-150.0	1.2
RE DISCCART	-13.0	-150.0	1.2
RE DISCCART	-11.0	-150.0	1.2
RE DISCCART	-9.0	-150.0	1.2
RE DISCCART	9.0	-150.0	1.2
RE DISCCART	11.0	-150.0	1.2
RE DISCCART	13.0	-150.0	1.2
RE DISCCART	15.0	-150.0	1.2
RE DISCCART	17.0	-150.0	1.2
RE DISCCART	20.0	-150.0	1.2
RE DISCCART	25.0	-150.0	1.2
RE DISCCART	30.0	-150.0	1.2
RE DISCCART	40.0	-150.0	1.2
RE DISCCART	50.0	-150.0	1.2
RE DISCCART	60.0	-150.0	1.2
RE DISCCART	70.0	-150.0	1.2
RE DISCCART	80.0	-150.0	1.2
RE DISCCART	90.0	-150.0	1.2
RE DISCCART	100.0	-150.0	1.2
RE DISCCART	-100.0	-140.0	1.2
RE DISCCART	-90.0	-140.0	1.2
RE DISCCART	-80.0	-140.0	1.2
RE DISCCART	-70.0	-140.0	1.2
RE DISCCART	-60.0	-140.0	1.2
RE DISCCART	-50.0	-140.0	1.2
RE DISCCART	-40.0	-140.0	1.2
RE DISCCART	-30.0	-140.0	1.2
RE DISCCART	-25.0	-140.0	1.2
RE DISCCART	-20.0	-140.0	1.2
RE DISCCART	-17.0	-140.0	1.2
RE DISCCART	-15.0	-140.0	1.2
RE DISCCART	-13.0	-140.0	1.2
RE DISCCART	-11.0	-140.0	1.2
RE DISCCART	-9.0	-140.0	1.2
RE DISCCART	9.0	-140.0	1.2
RE DISCCART	11.0	-140.0	1.2
RE DISCCART	13.0	-140.0	1.2
RE DISCCART	15.0	-140.0	1.2
RE DISCCART	17.0	-140.0	1.2
RE DISCCART	20.0	-140.0	1.2

RE DISCCART	25.0	-140.0	1.2
RE DISCCART	30.0	-140.0	1.2
RE DISCCART	40.0	-140.0	1.2
RE DISCCART	50.0	-140.0	1.2
RE DISCCART	60.0	-140.0	1.2
RE DISCCART	70.0	-140.0	1.2
RE DISCCART	80.0	-140.0	1.2
RE DISCCART	90.0	-140.0	1.2
RE DISCCART	100.0	-140.0	1.2
RE DISCCART	-100.0	-130.0	1.2
RE DISCCART	-90.0	-130.0	1.2
RE DISCCART	-80.0	-130.0	1.2
RE DISCCART	-70.0	-130.0	1.2
RE DISCCART	-60.0	-130.0	1.2
RE DISCCART	-50.0	-130.0	1.2
RE DISCCART	-40.0	-130.0	1.2
RE DISCCART	-30.0	-130.0	1.2
RE DISCCART	-25.0	-130.0	1.2
RE DISCCART	-20.0	-130.0	1.2
RE DISCCART	-17.0	-130.0	1.2
RE DISCCART	-15.0	-130.0	1.2
RE DISCCART	-13.0	-130.0	1.2
RE DISCCART	-11.0	-130.0	1.2
RE DISCCART	-9.0	-130.0	1.2
RE DISCCART	9.0	-130.0	1.2
RE DISCCART	11.0	-130.0	1.2
RE DISCCART	13.0	-130.0	1.2
RE DISCCART	15.0	-130.0	1.2
RE DISCCART	17.0	-130.0	1.2
RE DISCCART	20.0	-130.0	1.2
RE DISCCART	25.0	-130.0	1.2
RE DISCCART	30.0	-130.0	1.2
RE DISCCART	40.0	-130.0	1.2
RE DISCCART	50.0	-130.0	1.2
RE DISCCART	60.0	-130.0	1.2
RE DISCCART	70.0	-130.0	1.2
RE DISCCART	80.0	-130.0	1.2
RE DISCCART	90.0	-130.0	1.2
RE DISCCART	100.0	-130.0	1.2
RE DISCCART	-100.0	-120.0	1.2
RE DISCCART	-90.0	-120.0	1.2
RE DISCCART	-80.0	-120.0	1.2
RE DISCCART	-70.0	-120.0	1.2
RE DISCCART	-60.0	-120.0	1.2

RE DISCCART	-50.0	-120.0	1.2
RE DISCCART	-40.0	-120.0	1.2
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RE DISCCART 40.0 20.0 1.2
RE DISCCART 50.0 20.0 1.2

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RE DISCCART	-15.0	170.0	1.2
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RE DISCCART	-11.0	170.0	1.2
RE DISCCART	-9.0	170.0	1.2

RE DISCCART	9.0	170.0	1.2
RE DISCCART	11.0	170.0	1.2
RE DISCCART	13.0	170.0	1.2
RE DISCCART	15.0	170.0	1.2
RE DISCCART	17.0	170.0	1.2
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RE DISCCART	30.0	170.0	1.2
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RE DISCCART	50.0	170.0	1.2
RE DISCCART	60.0	170.0	1.2
RE DISCCART	70.0	170.0	1.2
RE DISCCART	80.0	170.0	1.2
RE DISCCART	90.0	170.0	1.2
RE DISCCART	100.0	170.0	1.2
RE DISCCART	-100.0	180.0	1.2
RE DISCCART	-90.0	180.0	1.2
RE DISCCART	-80.0	180.0	1.2
RE DISCCART	-70.0	180.0	1.2
RE DISCCART	-60.0	180.0	1.2
RE DISCCART	-50.0	180.0	1.2
RE DISCCART	-40.0	180.0	1.2
RE DISCCART	-30.0	180.0	1.2
RE DISCCART	-25.0	180.0	1.2
RE DISCCART	-20.0	180.0	1.2
RE DISCCART	-17.0	180.0	1.2
RE DISCCART	-15.0	180.0	1.2
RE DISCCART	-13.0	180.0	1.2
RE DISCCART	-11.0	180.0	1.2
RE DISCCART	-9.0	180.0	1.2
RE DISCCART	9.0	180.0	1.2
RE DISCCART	11.0	180.0	1.2
RE DISCCART	13.0	180.0	1.2
RE DISCCART	15.0	180.0	1.2
RE DISCCART	17.0	180.0	1.2
RE DISCCART	20.0	180.0	1.2
RE DISCCART	25.0	180.0	1.2
RE DISCCART	30.0	180.0	1.2
RE DISCCART	40.0	180.0	1.2
RE DISCCART	50.0	180.0	1.2
RE DISCCART	60.0	180.0	1.2
RE DISCCART	70.0	180.0	1.2
RE DISCCART	80.0	180.0	1.2
RE DISCCART	90.0	180.0	1.2

RE DISCCART	100.0	180.0	1.2
RE DISCCART	-100.0	190.0	1.2
RE DISCCART	-90.0	190.0	1.2
RE DISCCART	-80.0	190.0	1.2
RE DISCCART	-70.0	190.0	1.2
RE DISCCART	-60.0	190.0	1.2
RE DISCCART	-50.0	190.0	1.2
RE DISCCART	-40.0	190.0	1.2
RE DISCCART	-30.0	190.0	1.2
RE DISCCART	-25.0	190.0	1.2
RE DISCCART	-20.0	190.0	1.2
RE DISCCART	-17.0	190.0	1.2
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RE DISCCART	-13.0	190.0	1.2
RE DISCCART	-11.0	190.0	1.2
RE DISCCART	-9.0	190.0	1.2
RE DISCCART	9.0	190.0	1.2
RE DISCCART	11.0	190.0	1.2
RE DISCCART	13.0	190.0	1.2
RE DISCCART	15.0	190.0	1.2
RE DISCCART	17.0	190.0	1.2
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RE DISCCART	25.0	190.0	1.2
RE DISCCART	30.0	190.0	1.2
RE DISCCART	40.0	190.0	1.2
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RE DISCCART	80.0	190.0	1.2
RE DISCCART	90.0	190.0	1.2
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RE DISCCART	-50.0	200.0	1.2
RE DISCCART	-40.0	200.0	1.2
RE DISCCART	-30.0	200.0	1.2
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RE DISCCART	-20.0	200.0	1.2
RE DISCCART	-17.0	200.0	1.2
RE DISCCART	-15.0	200.0	1.2
RE DISCCART	-13.0	200.0	1.2

RE DISCCART	-11.0	200.0	1.2
RE DISCCART	-9.0	200.0	1.2
RE DISCCART	9.0	200.0	1.2
RE DISCCART	11.0	200.0	1.2
RE DISCCART	13.0	200.0	1.2
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RE DISCCART	17.0	200.0	1.2
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RE DISCCART	-80.0	210.0	1.2
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RE DISCCART	-60.0	210.0	1.2
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RE DISCCART	-30.0	210.0	1.2
RE DISCCART	-25.0	210.0	1.2
RE DISCCART	-20.0	210.0	1.2
RE DISCCART	-17.0	210.0	1.2
RE DISCCART	-15.0	210.0	1.2
RE DISCCART	-13.0	210.0	1.2
RE DISCCART	-11.0	210.0	1.2
RE DISCCART	-9.0	210.0	1.2
RE DISCCART	9.0	210.0	1.2
RE DISCCART	11.0	210.0	1.2
RE DISCCART	13.0	210.0	1.2
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RE DISCCART	60.0	210.0	1.2
RE DISCCART	70.0	210.0	1.2

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RE DISCCART	-15.0	220.0	1.2
RE DISCCART	-13.0	220.0	1.2
RE DISCCART	-11.0	220.0	1.2
RE DISCCART	-9.0	220.0	1.2
RE DISCCART	9.0	220.0	1.2
RE DISCCART	11.0	220.0	1.2
RE DISCCART	13.0	220.0	1.2
RE DISCCART	15.0	220.0	1.2
RE DISCCART	17.0	220.0	1.2
RE DISCCART	20.0	220.0	1.2
RE DISCCART	25.0	220.0	1.2
RE DISCCART	30.0	220.0	1.2
RE DISCCART	40.0	220.0	1.2
RE DISCCART	50.0	220.0	1.2
RE DISCCART	60.0	220.0	1.2
RE DISCCART	70.0	220.0	1.2
RE DISCCART	80.0	220.0	1.2
RE DISCCART	90.0	220.0	1.2
RE DISCCART	100.0	220.0	1.2
RE DISCCART	-100.0	230.0	1.2
RE DISCCART	-90.0	230.0	1.2
RE DISCCART	-80.0	230.0	1.2
RE DISCCART	-70.0	230.0	1.2
RE DISCCART	-60.0	230.0	1.2
RE DISCCART	-50.0	230.0	1.2
RE DISCCART	-40.0	230.0	1.2
RE DISCCART	-30.0	230.0	1.2
RE DISCCART	-25.0	230.0	1.2
RE DISCCART	-20.0	230.0	1.2
RE DISCCART	-17.0	230.0	1.2

RE DISCCART	-15.0	230.0	1.2
RE DISCCART	-13.0	230.0	1.2
RE DISCCART	-11.0	230.0	1.2
RE DISCCART	-9.0	230.0	1.2
RE DISCCART	9.0	230.0	1.2
RE DISCCART	11.0	230.0	1.2
RE DISCCART	13.0	230.0	1.2
RE DISCCART	15.0	230.0	1.2
RE DISCCART	17.0	230.0	1.2
RE DISCCART	20.0	230.0	1.2
RE DISCCART	25.0	230.0	1.2
RE DISCCART	30.0	230.0	1.2
RE DISCCART	40.0	230.0	1.2
RE DISCCART	50.0	230.0	1.2
RE DISCCART	60.0	230.0	1.2
RE DISCCART	70.0	230.0	1.2
RE DISCCART	80.0	230.0	1.2
RE DISCCART	90.0	230.0	1.2
RE DISCCART	100.0	230.0	1.2
RE DISCCART	-100.0	240.0	1.2
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RE DISCCART	-80.0	240.0	1.2
RE DISCCART	-70.0	240.0	1.2
RE DISCCART	-60.0	240.0	1.2
RE DISCCART	-50.0	240.0	1.2
RE DISCCART	-40.0	240.0	1.2
RE DISCCART	-30.0	240.0	1.2
RE DISCCART	-25.0	240.0	1.2
RE DISCCART	-20.0	240.0	1.2
RE DISCCART	-17.0	240.0	1.2
RE DISCCART	-15.0	240.0	1.2
RE DISCCART	-13.0	240.0	1.2
RE DISCCART	-11.0	240.0	1.2
RE DISCCART	-9.0	240.0	1.2
RE DISCCART	9.0	240.0	1.2
RE DISCCART	11.0	240.0	1.2
RE DISCCART	13.0	240.0	1.2
RE DISCCART	15.0	240.0	1.2
RE DISCCART	17.0	240.0	1.2
RE DISCCART	20.0	240.0	1.2
RE DISCCART	25.0	240.0	1.2
RE DISCCART	30.0	240.0	1.2
RE DISCCART	40.0	240.0	1.2
RE DISCCART	50.0	240.0	1.2

RE DISCCART 60.0 240.0 1.2
RE DISCCART 70.0 240.0 1.2
RE DISCCART 80.0 240.0 1.2
RE DISCCART 90.0 240.0 1.2
RE DISCCART 100.0 240.0 1.2
RE DISCCART -100.0 250.0 1.2
RE DISCCART -90.0 250.0 1.2
RE DISCCART -80.0 250.0 1.2
RE DISCCART -70.0 250.0 1.2
RE DISCCART -60.0 250.0 1.2
RE DISCCART -50.0 250.0 1.2
RE DISCCART -40.0 250.0 1.2
RE DISCCART -30.0 250.0 1.2
RE DISCCART -25.0 250.0 1.2
RE DISCCART -20.0 250.0 1.2
RE DISCCART -17.0 250.0 1.2
RE DISCCART -15.0 250.0 1.2
RE DISCCART -13.0 250.0 1.2
RE DISCCART -11.0 250.0 1.2
RE DISCCART -9.0 250.0 1.2
RE DISCCART 9.0 250.0 1.2
RE DISCCART 11.0 250.0 1.2
RE DISCCART 13.0 250.0 1.2
RE DISCCART 15.0 250.0 1.2
RE DISCCART 17.0 250.0 1.2
RE DISCCART 20.0 250.0 1.2
RE DISCCART 25.0 250.0 1.2
RE DISCCART 30.0 250.0 1.2
RE DISCCART 40.0 250.0 1.2
RE DISCCART 50.0 250.0 1.2
RE DISCCART 60.0 250.0 1.2
RE DISCCART 70.0 250.0 1.2
RE DISCCART 80.0 250.0 1.2
RE DISCCART 90.0 250.0 1.2
RE DISCCART 100.0 250.0 1.2
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP003RA.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 2000

ME UAIRDATA 4901 2000

ME STARTEND 2000 01 01 1 2000 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\04NCRA-1.DAT

**Output Print File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\04NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
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 **MODELOPTs:
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 CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

EMISSION RATE SOURCE SCALAR VARY BY	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	-4.5	135.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S2	0	0.21100E-07	-4.5	45.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S3	0	0.21100E-07	-4.5	-45.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S4	0	0.21100E-07	-4.5	-135.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S5	0	0.21100E-07	-4.5	-225.0	0.0	4.95	9.00	90.00	0.00	2.30

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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 CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

NCRA_S1 NCRA_S1 ,

NCRA_S2 NCRA_S2 ,

NCRA_S3 NCRA_S3 ,

NCRA_S4 NCRA_S4 ,

NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0, -250.0, 0.0, 1.2); (-90.0, -250.0, 0.0, 1.2);

(-80.0, -250.0, 0.0, 1.2); (-70.0, -250.0, 0.0, 1.2);

(-60.0, -250.0, 0.0, 1.2); (-50.0, -250.0, 0.0, 1.2);

04NCRA_NAPA00-300_DPM_TRAV_ANN N-S Bound

(-40.0, -250.0, 0.0, 1.2);	(-30.0, -250.0, 0.0, 1.2);
(-25.0, -250.0, 0.0, 1.2);	(-20.0, -250.0, 0.0, 1.2);
(-17.0, -250.0, 0.0, 1.2);	(-15.0, -250.0, 0.0, 1.2);
(-13.0, -250.0, 0.0, 1.2);	(-11.0, -250.0, 0.0, 1.2);
(-9.0, -250.0, 0.0, 1.2);	(9.0, -250.0, 0.0, 1.2);
(11.0, -250.0, 0.0, 1.2);	(13.0, -250.0, 0.0, 1.2);
(15.0, -250.0, 0.0, 1.2);	(17.0, -250.0, 0.0, 1.2);
(20.0, -250.0, 0.0, 1.2);	(25.0, -250.0, 0.0, 1.2);
(30.0, -250.0, 0.0, 1.2);	(40.0, -250.0, 0.0, 1.2);
(50.0, -250.0, 0.0, 1.2);	(60.0, -250.0, 0.0, 1.2);
(70.0, -250.0, 0.0, 1.2);	(80.0, -250.0, 0.0, 1.2);
(90.0, -250.0, 0.0, 1.2);	(100.0, -250.0, 0.0, 1.2);
(-100.0, -240.0, 0.0, 1.2);	(-90.0, -240.0, 0.0, 1.2);
(-80.0, -240.0, 0.0, 1.2);	(-70.0, -240.0, 0.0, 1.2);
(-60.0, -240.0, 0.0, 1.2);	(-50.0, -240.0, 0.0, 1.2);
(-40.0, -240.0, 0.0, 1.2);	(-30.0, -240.0, 0.0, 1.2);
(-25.0, -240.0, 0.0, 1.2);	(-20.0, -240.0, 0.0, 1.2);
(-17.0, -240.0, 0.0, 1.2);	(-15.0, -240.0, 0.0, 1.2);
(-13.0, -240.0, 0.0, 1.2);	(-11.0, -240.0, 0.0, 1.2);
(-9.0, -240.0, 0.0, 1.2);	(9.0, -240.0, 0.0, 1.2);
(11.0, -240.0, 0.0, 1.2);	(13.0, -240.0, 0.0, 1.2);
(15.0, -240.0, 0.0, 1.2);	(17.0, -240.0, 0.0, 1.2);
(20.0, -240.0, 0.0, 1.2);	(25.0, -240.0, 0.0, 1.2);
(30.0, -240.0, 0.0, 1.2);	(40.0, -240.0, 0.0, 1.2);
(50.0, -240.0, 0.0, 1.2);	(60.0, -240.0, 0.0, 1.2);
(70.0, -240.0, 0.0, 1.2);	(80.0, -240.0, 0.0, 1.2);
(90.0, -240.0, 0.0, 1.2);	(100.0, -240.0, 0.0, 1.2);
(-100.0, -230.0, 0.0, 1.2);	(-90.0, -230.0, 0.0, 1.2);
(-80.0, -230.0, 0.0, 1.2);	(-70.0, -230.0, 0.0, 1.2);
(-60.0, -230.0, 0.0, 1.2);	(-50.0, -230.0, 0.0, 1.2);
(-40.0, -230.0, 0.0, 1.2);	(-30.0, -230.0, 0.0, 1.2);
(-25.0, -230.0, 0.0, 1.2);	(-20.0, -230.0, 0.0, 1.2);
(-17.0, -230.0, 0.0, 1.2);	(-15.0, -230.0, 0.0, 1.2);
(-13.0, -230.0, 0.0, 1.2);	(-11.0, -230.0, 0.0, 1.2);
(-9.0, -230.0, 0.0, 1.2);	(9.0, -230.0, 0.0, 1.2);
(11.0, -230.0, 0.0, 1.2);	(13.0, -230.0, 0.0, 1.2);
(15.0, -230.0, 0.0, 1.2);	(17.0, -230.0, 0.0, 1.2);
(20.0, -230.0, 0.0, 1.2);	(25.0, -230.0, 0.0, 1.2);
(30.0, -230.0, 0.0, 1.2);	(40.0, -230.0, 0.0, 1.2);
(50.0, -230.0, 0.0, 1.2);	(60.0, -230.0, 0.0, 1.2);
(70.0, -230.0, 0.0, 1.2);	(80.0, -230.0, 0.0, 1.2);
(90.0, -230.0, 0.0, 1.2);	(100.0, -230.0, 0.0, 1.2);

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -220.0, 0.0, 1.2);	(-90.0, -220.0, 0.0, 1.2);
(-80.0, -220.0, 0.0, 1.2);	(-70.0, -220.0, 0.0, 1.2);
(-60.0, -220.0, 0.0, 1.2);	(-50.0, -220.0, 0.0, 1.2);
(-40.0, -220.0, 0.0, 1.2);	(-30.0, -220.0, 0.0, 1.2);
(-25.0, -220.0, 0.0, 1.2);	(-20.0, -220.0, 0.0, 1.2);
(-17.0, -220.0, 0.0, 1.2);	(-15.0, -220.0, 0.0, 1.2);
(-13.0, -220.0, 0.0, 1.2);	(-11.0, -220.0, 0.0, 1.2);
(-9.0, -220.0, 0.0, 1.2);	(9.0, -220.0, 0.0, 1.2);
(11.0, -220.0, 0.0, 1.2);	(13.0, -220.0, 0.0, 1.2);
(15.0, -220.0, 0.0, 1.2);	(17.0, -220.0, 0.0, 1.2);
(20.0, -220.0, 0.0, 1.2);	(25.0, -220.0, 0.0, 1.2);
(30.0, -220.0, 0.0, 1.2);	(40.0, -220.0, 0.0, 1.2);
(50.0, -220.0, 0.0, 1.2);	(60.0, -220.0, 0.0, 1.2);
(70.0, -220.0, 0.0, 1.2);	(80.0, -220.0, 0.0, 1.2);
(90.0, -220.0, 0.0, 1.2);	(100.0, -220.0, 0.0, 1.2);
(-100.0, -210.0, 0.0, 1.2);	(-90.0, -210.0, 0.0, 1.2);
(-80.0, -210.0, 0.0, 1.2);	(-70.0, -210.0, 0.0, 1.2);
(-60.0, -210.0, 0.0, 1.2);	(-50.0, -210.0, 0.0, 1.2);
(-40.0, -210.0, 0.0, 1.2);	(-30.0, -210.0, 0.0, 1.2);
(-25.0, -210.0, 0.0, 1.2);	(-20.0, -210.0, 0.0, 1.2);
(-17.0, -210.0, 0.0, 1.2);	(-15.0, -210.0, 0.0, 1.2);
(-13.0, -210.0, 0.0, 1.2);	(-11.0, -210.0, 0.0, 1.2);
(-9.0, -210.0, 0.0, 1.2);	(9.0, -210.0, 0.0, 1.2);
(11.0, -210.0, 0.0, 1.2);	(13.0, -210.0, 0.0, 1.2);
(15.0, -210.0, 0.0, 1.2);	(17.0, -210.0, 0.0, 1.2);
(20.0, -210.0, 0.0, 1.2);	(25.0, -210.0, 0.0, 1.2);
(30.0, -210.0, 0.0, 1.2);	(40.0, -210.0, 0.0, 1.2);
(50.0, -210.0, 0.0, 1.2);	(60.0, -210.0, 0.0, 1.2);
(70.0, -210.0, 0.0, 1.2);	(80.0, -210.0, 0.0, 1.2);
(90.0, -210.0, 0.0, 1.2);	(100.0, -210.0, 0.0, 1.2);
(-100.0, -200.0, 0.0, 1.2);	(-90.0, -200.0, 0.0, 1.2);
(-80.0, -200.0, 0.0, 1.2);	(-70.0, -200.0, 0.0, 1.2);
(-60.0, -200.0, 0.0, 1.2);	(-50.0, -200.0, 0.0, 1.2);
(-40.0, -200.0, 0.0, 1.2);	(-30.0, -200.0, 0.0, 1.2);
(-25.0, -200.0, 0.0, 1.2);	(-20.0, -200.0, 0.0, 1.2);
(-17.0, -200.0, 0.0, 1.2);	(-15.0, -200.0, 0.0, 1.2);
(-13.0, -200.0, 0.0, 1.2);	(-11.0, -200.0, 0.0, 1.2);
(-9.0, -200.0, 0.0, 1.2);	(9.0, -200.0, 0.0, 1.2);
(11.0, -200.0, 0.0, 1.2);	(13.0, -200.0, 0.0, 1.2);

04NCRA_NAPA00-300_DPM_TRAV_ANN N-S Bound

(15.0, -200.0, 0.0, 1.2);	(17.0, -200.0, 0.0, 1.2);
(20.0, -200.0, 0.0, 1.2);	(25.0, -200.0, 0.0, 1.2);
(30.0, -200.0, 0.0, 1.2);	(40.0, -200.0, 0.0, 1.2);
(50.0, -200.0, 0.0, 1.2);	(60.0, -200.0, 0.0, 1.2);
(70.0, -200.0, 0.0, 1.2);	(80.0, -200.0, 0.0, 1.2);
(90.0, -200.0, 0.0, 1.2);	(100.0, -200.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0, -190.0, 0.0, 1.2);	(-90.0, -190.0, 0.0, 1.2);
(-80.0, -190.0, 0.0, 1.2);	(-70.0, -190.0, 0.0, 1.2);
(-60.0, -190.0, 0.0, 1.2);	(-50.0, -190.0, 0.0, 1.2);
(-40.0, -190.0, 0.0, 1.2);	(-30.0, -190.0, 0.0, 1.2);
(-25.0, -190.0, 0.0, 1.2);	(-20.0, -190.0, 0.0, 1.2);
(-17.0, -190.0, 0.0, 1.2);	(-15.0, -190.0, 0.0, 1.2);
(-13.0, -190.0, 0.0, 1.2);	(-11.0, -190.0, 0.0, 1.2);
(-9.0, -190.0, 0.0, 1.2);	(9.0, -190.0, 0.0, 1.2);
(11.0, -190.0, 0.0, 1.2);	(13.0, -190.0, 0.0, 1.2);
(15.0, -190.0, 0.0, 1.2);	(17.0, -190.0, 0.0, 1.2);
(20.0, -190.0, 0.0, 1.2);	(25.0, -190.0, 0.0, 1.2);
(30.0, -190.0, 0.0, 1.2);	(40.0, -190.0, 0.0, 1.2);
(50.0, -190.0, 0.0, 1.2);	(60.0, -190.0, 0.0, 1.2);
(70.0, -190.0, 0.0, 1.2);	(80.0, -190.0, 0.0, 1.2);
(90.0, -190.0, 0.0, 1.2);	(100.0, -190.0, 0.0, 1.2);
(-100.0, -180.0, 0.0, 1.2);	(-90.0, -180.0, 0.0, 1.2);
(-80.0, -180.0, 0.0, 1.2);	(-70.0, -180.0, 0.0, 1.2);
(-60.0, -180.0, 0.0, 1.2);	(-50.0, -180.0, 0.0, 1.2);
(-40.0, -180.0, 0.0, 1.2);	(-30.0, -180.0, 0.0, 1.2);
(-25.0, -180.0, 0.0, 1.2);	(-20.0, -180.0, 0.0, 1.2);
(-17.0, -180.0, 0.0, 1.2);	(-15.0, -180.0, 0.0, 1.2);
(-13.0, -180.0, 0.0, 1.2);	(-11.0, -180.0, 0.0, 1.2);
(-9.0, -180.0, 0.0, 1.2);	(9.0, -180.0, 0.0, 1.2);
(11.0, -180.0, 0.0, 1.2);	(13.0, -180.0, 0.0, 1.2);
(15.0, -180.0, 0.0, 1.2);	(17.0, -180.0, 0.0, 1.2);
(20.0, -180.0, 0.0, 1.2);	(25.0, -180.0, 0.0, 1.2);
(30.0, -180.0, 0.0, 1.2);	(40.0, -180.0, 0.0, 1.2);
(50.0, -180.0, 0.0, 1.2);	(60.0, -180.0, 0.0, 1.2);
(70.0, -180.0, 0.0, 1.2);	(80.0, -180.0, 0.0, 1.2);
(90.0, -180.0, 0.0, 1.2);	(100.0, -180.0, 0.0, 1.2);
(-100.0, -170.0, 0.0, 1.2);	(-90.0, -170.0, 0.0, 1.2);

04NCRA_NAPA00-300_DPM_TRAV_ANN N-S Bound

(-80.0,	-170.0,	0.0,	1.2);	(-70.0,	-170.0,	0.0,	1.2);
(-60.0,	-170.0,	0.0,	1.2);	(-50.0,	-170.0,	0.0,	1.2);
(-40.0,	-170.0,	0.0,	1.2);	(-30.0,	-170.0,	0.0,	1.2);
(-25.0,	-170.0,	0.0,	1.2);	(-20.0,	-170.0,	0.0,	1.2);
(-17.0,	-170.0,	0.0,	1.2);	(-15.0,	-170.0,	0.0,	1.2);
(-13.0,	-170.0,	0.0,	1.2);	(-11.0,	-170.0,	0.0,	1.2);
(-9.0,	-170.0,	0.0,	1.2);	(9.0,	-170.0,	0.0,	1.2);
(11.0,	-170.0,	0.0,	1.2);	(13.0,	-170.0,	0.0,	1.2);
(15.0,	-170.0,	0.0,	1.2);	(17.0,	-170.0,	0.0,	1.2);
(20.0,	-170.0,	0.0,	1.2);	(25.0,	-170.0,	0.0,	1.2);
(30.0,	-170.0,	0.0,	1.2);	(40.0,	-170.0,	0.0,	1.2);
(50.0,	-170.0,	0.0,	1.2);	(60.0,	-170.0,	0.0,	1.2);
(70.0,	-170.0,	0.0,	1.2);	(80.0,	-170.0,	0.0,	1.2);
(90.0,	-170.0,	0.0,	1.2);	(100.0,	-170.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	-160.0,	0.0,	1.2);	(-90.0,	-160.0,	0.0,	1.2);
(-80.0,	-160.0,	0.0,	1.2);	(-70.0,	-160.0,	0.0,	1.2);
(-60.0,	-160.0,	0.0,	1.2);	(-50.0,	-160.0,	0.0,	1.2);
(-40.0,	-160.0,	0.0,	1.2);	(-30.0,	-160.0,	0.0,	1.2);
(-25.0,	-160.0,	0.0,	1.2);	(-20.0,	-160.0,	0.0,	1.2);
(-17.0,	-160.0,	0.0,	1.2);	(-15.0,	-160.0,	0.0,	1.2);
(-13.0,	-160.0,	0.0,	1.2);	(-11.0,	-160.0,	0.0,	1.2);
(-9.0,	-160.0,	0.0,	1.2);	(9.0,	-160.0,	0.0,	1.2);
(11.0,	-160.0,	0.0,	1.2);	(13.0,	-160.0,	0.0,	1.2);
(15.0,	-160.0,	0.0,	1.2);	(17.0,	-160.0,	0.0,	1.2);
(20.0,	-160.0,	0.0,	1.2);	(25.0,	-160.0,	0.0,	1.2);
(30.0,	-160.0,	0.0,	1.2);	(40.0,	-160.0,	0.0,	1.2);
(50.0,	-160.0,	0.0,	1.2);	(60.0,	-160.0,	0.0,	1.2);
(70.0,	-160.0,	0.0,	1.2);	(80.0,	-160.0,	0.0,	1.2);
(90.0,	-160.0,	0.0,	1.2);	(100.0,	-160.0,	0.0,	1.2);
(-100.0,	-150.0,	0.0,	1.2);	(-90.0,	-150.0,	0.0,	1.2);
(-80.0,	-150.0,	0.0,	1.2);	(-70.0,	-150.0,	0.0,	1.2);
(-60.0,	-150.0,	0.0,	1.2);	(-50.0,	-150.0,	0.0,	1.2);
(-40.0,	-150.0,	0.0,	1.2);	(-30.0,	-150.0,	0.0,	1.2);
(-25.0,	-150.0,	0.0,	1.2);	(-20.0,	-150.0,	0.0,	1.2);
(-17.0,	-150.0,	0.0,	1.2);	(-15.0,	-150.0,	0.0,	1.2);
(-13.0,	-150.0,	0.0,	1.2);	(-11.0,	-150.0,	0.0,	1.2);
(-9.0,	-150.0,	0.0,	1.2);	(9.0,	-150.0,	0.0,	1.2);

04NCRA_NAPA00-300_DPM_TRAV_ANN N-S Bound

(11.0, -150.0, 0.0, 1.2);	(13.0, -150.0, 0.0, 1.2);
(15.0, -150.0, 0.0, 1.2);	(17.0, -150.0, 0.0, 1.2);
(20.0, -150.0, 0.0, 1.2);	(25.0, -150.0, 0.0, 1.2);
(30.0, -150.0, 0.0, 1.2);	(40.0, -150.0, 0.0, 1.2);
(50.0, -150.0, 0.0, 1.2);	(60.0, -150.0, 0.0, 1.2);
(70.0, -150.0, 0.0, 1.2);	(80.0, -150.0, 0.0, 1.2);
(90.0, -150.0, 0.0, 1.2);	(100.0, -150.0, 0.0, 1.2);
(-100.0, -140.0, 0.0, 1.2);	(-90.0, -140.0, 0.0, 1.2);
(-80.0, -140.0, 0.0, 1.2);	(-70.0, -140.0, 0.0, 1.2);
(-60.0, -140.0, 0.0, 1.2);	(-50.0, -140.0, 0.0, 1.2);
(-40.0, -140.0, 0.0, 1.2);	(-30.0, -140.0, 0.0, 1.2);
(-25.0, -140.0, 0.0, 1.2);	(-20.0, -140.0, 0.0, 1.2);
(-17.0, -140.0, 0.0, 1.2);	(-15.0, -140.0, 0.0, 1.2);
(-13.0, -140.0, 0.0, 1.2);	(-11.0, -140.0, 0.0, 1.2);
(-9.0, -140.0, 0.0, 1.2);	(9.0, -140.0, 0.0, 1.2);
(11.0, -140.0, 0.0, 1.2);	(13.0, -140.0, 0.0, 1.2);
(15.0, -140.0, 0.0, 1.2);	(17.0, -140.0, 0.0, 1.2);
(20.0, -140.0, 0.0, 1.2);	(25.0, -140.0, 0.0, 1.2);
(30.0, -140.0, 0.0, 1.2);	(40.0, -140.0, 0.0, 1.2);
(50.0, -140.0, 0.0, 1.2);	(60.0, -140.0, 0.0, 1.2);
(70.0, -140.0, 0.0, 1.2);	(80.0, -140.0, 0.0, 1.2);
(90.0, -140.0, 0.0, 1.2);	(100.0, -140.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:46:52

**MODELOPTs:
PAGE 8

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -130.0, 0.0, 1.2);	(-90.0, -130.0, 0.0, 1.2);
(-80.0, -130.0, 0.0, 1.2);	(-70.0, -130.0, 0.0, 1.2);
(-60.0, -130.0, 0.0, 1.2);	(-50.0, -130.0, 0.0, 1.2);
(-40.0, -130.0, 0.0, 1.2);	(-30.0, -130.0, 0.0, 1.2);
(-25.0, -130.0, 0.0, 1.2);	(-20.0, -130.0, 0.0, 1.2);
(-17.0, -130.0, 0.0, 1.2);	(-15.0, -130.0, 0.0, 1.2);
(-13.0, -130.0, 0.0, 1.2);	(-11.0, -130.0, 0.0, 1.2);
(-9.0, -130.0, 0.0, 1.2);	(9.0, -130.0, 0.0, 1.2);
(11.0, -130.0, 0.0, 1.2);	(13.0, -130.0, 0.0, 1.2);
(15.0, -130.0, 0.0, 1.2);	(17.0, -130.0, 0.0, 1.2);
(20.0, -130.0, 0.0, 1.2);	(25.0, -130.0, 0.0, 1.2);
(30.0, -130.0, 0.0, 1.2);	(40.0, -130.0, 0.0, 1.2);
(50.0, -130.0, 0.0, 1.2);	(60.0, -130.0, 0.0, 1.2);
(70.0, -130.0, 0.0, 1.2);	(80.0, -130.0, 0.0, 1.2);
(90.0, -130.0, 0.0, 1.2);	(100.0, -130.0, 0.0, 1.2);

04NCRA_NAPA00-300_DPM_TRAV_ANN N-S Bound

(-100.0, -120.0, 0.0, 1.2);	(-90.0, -120.0, 0.0, 1.2);
(-80.0, -120.0, 0.0, 1.2);	(-70.0, -120.0, 0.0, 1.2);
(-60.0, -120.0, 0.0, 1.2);	(-50.0, -120.0, 0.0, 1.2);
(-40.0, -120.0, 0.0, 1.2);	(-30.0, -120.0, 0.0, 1.2);
(-25.0, -120.0, 0.0, 1.2);	(-20.0, -120.0, 0.0, 1.2);
(-17.0, -120.0, 0.0, 1.2);	(-15.0, -120.0, 0.0, 1.2);
(-13.0, -120.0, 0.0, 1.2);	(-11.0, -120.0, 0.0, 1.2);
(-9.0, -120.0, 0.0, 1.2);	(9.0, -120.0, 0.0, 1.2);
(11.0, -120.0, 0.0, 1.2);	(13.0, -120.0, 0.0, 1.2);
(15.0, -120.0, 0.0, 1.2);	(17.0, -120.0, 0.0, 1.2);
(20.0, -120.0, 0.0, 1.2);	(25.0, -120.0, 0.0, 1.2);
(30.0, -120.0, 0.0, 1.2);	(40.0, -120.0, 0.0, 1.2);
(50.0, -120.0, 0.0, 1.2);	(60.0, -120.0, 0.0, 1.2);
(70.0, -120.0, 0.0, 1.2);	(80.0, -120.0, 0.0, 1.2);
(90.0, -120.0, 0.0, 1.2);	(100.0, -120.0, 0.0, 1.2);
(-100.0, -110.0, 0.0, 1.2);	(-90.0, -110.0, 0.0, 1.2);
(-80.0, -110.0, 0.0, 1.2);	(-70.0, -110.0, 0.0, 1.2);
(-60.0, -110.0, 0.0, 1.2);	(-50.0, -110.0, 0.0, 1.2);
(-40.0, -110.0, 0.0, 1.2);	(-30.0, -110.0, 0.0, 1.2);
(-25.0, -110.0, 0.0, 1.2);	(-20.0, -110.0, 0.0, 1.2);
(-17.0, -110.0, 0.0, 1.2);	(-15.0, -110.0, 0.0, 1.2);
(-13.0, -110.0, 0.0, 1.2);	(-11.0, -110.0, 0.0, 1.2);
(-9.0, -110.0, 0.0, 1.2);	(9.0, -110.0, 0.0, 1.2);
(11.0, -110.0, 0.0, 1.2);	(13.0, -110.0, 0.0, 1.2);
(15.0, -110.0, 0.0, 1.2);	(17.0, -110.0, 0.0, 1.2);
(20.0, -110.0, 0.0, 1.2);	(25.0, -110.0, 0.0, 1.2);
(30.0, -110.0, 0.0, 1.2);	(40.0, -110.0, 0.0, 1.2);
(50.0, -110.0, 0.0, 1.2);	(60.0, -110.0, 0.0, 1.2);
(70.0, -110.0, 0.0, 1.2);	(80.0, -110.0, 0.0, 1.2);
(90.0, -110.0, 0.0, 1.2);	(100.0, -110.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
 PAGE 9

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0, -100.0, 0.0, 1.2);	(-90.0, -100.0, 0.0, 1.2);
(-80.0, -100.0, 0.0, 1.2);	(-70.0, -100.0, 0.0, 1.2);
(-60.0, -100.0, 0.0, 1.2);	(-50.0, -100.0, 0.0, 1.2);
(-40.0, -100.0, 0.0, 1.2);	(-30.0, -100.0, 0.0, 1.2);
(-25.0, -100.0, 0.0, 1.2);	(-20.0, -100.0, 0.0, 1.2);
(-17.0, -100.0, 0.0, 1.2);	(-15.0, -100.0, 0.0, 1.2);
(-13.0, -100.0, 0.0, 1.2);	(-11.0, -100.0, 0.0, 1.2);

04NCRA_NAPA00-300_DPM_TRAV_ANN N-S Bound

(	-9.0,	-100.0,	0.0,	1.2);	(	9.0,	-100.0,	0.0,	1.2);
(	11.0,	-100.0,	0.0,	1.2);	(	13.0,	-100.0,	0.0,	1.2);
(	15.0,	-100.0,	0.0,	1.2);	(	17.0,	-100.0,	0.0,	1.2);
(	20.0,	-100.0,	0.0,	1.2);	(	25.0,	-100.0,	0.0,	1.2);
(	30.0,	-100.0,	0.0,	1.2);	(	40.0,	-100.0,	0.0,	1.2);
(	50.0,	-100.0,	0.0,	1.2);	(	60.0,	-100.0,	0.0,	1.2);
(	70.0,	-100.0,	0.0,	1.2);	(	80.0,	-100.0,	0.0,	1.2);
(	90.0,	-100.0,	0.0,	1.2);	(	100.0,	-100.0,	0.0,	1.2);
(	-100.0,	-90.0,	0.0,	1.2);	(	-90.0,	-90.0,	0.0,	1.2);
(	-80.0,	-90.0,	0.0,	1.2);	(	-70.0,	-90.0,	0.0,	1.2);
(	-60.0,	-90.0,	0.0,	1.2);	(	-50.0,	-90.0,	0.0,	1.2);
(	-40.0,	-90.0,	0.0,	1.2);	(	-30.0,	-90.0,	0.0,	1.2);
(	-25.0,	-90.0,	0.0,	1.2);	(	-20.0,	-90.0,	0.0,	1.2);
(	-17.0,	-90.0,	0.0,	1.2);	(	-15.0,	-90.0,	0.0,	1.2);
(	-13.0,	-90.0,	0.0,	1.2);	(	-11.0,	-90.0,	0.0,	1.2);
(	-9.0,	-90.0,	0.0,	1.2);	(	9.0,	-90.0,	0.0,	1.2);
(	11.0,	-90.0,	0.0,	1.2);	(	13.0,	-90.0,	0.0,	1.2);
(	15.0,	-90.0,	0.0,	1.2);	(	17.0,	-90.0,	0.0,	1.2);
(	20.0,	-90.0,	0.0,	1.2);	(	25.0,	-90.0,	0.0,	1.2);
(	30.0,	-90.0,	0.0,	1.2);	(	40.0,	-90.0,	0.0,	1.2);
(	50.0,	-90.0,	0.0,	1.2);	(	60.0,	-90.0,	0.0,	1.2);
(	70.0,	-90.0,	0.0,	1.2);	(	80.0,	-90.0,	0.0,	1.2);
(	90.0,	-90.0,	0.0,	1.2);	(	100.0,	-90.0,	0.0,	1.2);
(	-100.0,	-80.0,	0.0,	1.2);	(	-90.0,	-80.0,	0.0,	1.2);
(	-80.0,	-80.0,	0.0,	1.2);	(	-70.0,	-80.0,	0.0,	1.2);
(	-60.0,	-80.0,	0.0,	1.2);	(	-50.0,	-80.0,	0.0,	1.2);
(	-40.0,	-80.0,	0.0,	1.2);	(	-30.0,	-80.0,	0.0,	1.2);
(	-25.0,	-80.0,	0.0,	1.2);	(	-20.0,	-80.0,	0.0,	1.2);
(	-17.0,	-80.0,	0.0,	1.2);	(	-15.0,	-80.0,	0.0,	1.2);
(	-13.0,	-80.0,	0.0,	1.2);	(	-11.0,	-80.0,	0.0,	1.2);
(	-9.0,	-80.0,	0.0,	1.2);	(	9.0,	-80.0,	0.0,	1.2);
(	11.0,	-80.0,	0.0,	1.2);	(	13.0,	-80.0,	0.0,	1.2);
(	15.0,	-80.0,	0.0,	1.2);	(	17.0,	-80.0,	0.0,	1.2);
(	20.0,	-80.0,	0.0,	1.2);	(	25.0,	-80.0,	0.0,	1.2);
(	30.0,	-80.0,	0.0,	1.2);	(	40.0,	-80.0,	0.0,	1.2);
(	50.0,	-80.0,	0.0,	1.2);	(	60.0,	-80.0,	0.0,	1.2);
(	70.0,	-80.0,	0.0,	1.2);	(	80.0,	-80.0,	0.0,	1.2);
(	90.0,	-80.0,	0.0,	1.2);	(	100.0,	-80.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:46:52

**MODELOPTs:

PAGE 10

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound
(METERS)

(-100.0, -70.0, 0.0, 1.2);	(-90.0, -70.0, 0.0, 1.2);
(-80.0, -70.0, 0.0, 1.2);	(-70.0, -70.0, 0.0, 1.2);
(-60.0, -70.0, 0.0, 1.2);	(-50.0, -70.0, 0.0, 1.2);
(-40.0, -70.0, 0.0, 1.2);	(-30.0, -70.0, 0.0, 1.2);
(-25.0, -70.0, 0.0, 1.2);	(-20.0, -70.0, 0.0, 1.2);
(-17.0, -70.0, 0.0, 1.2);	(-15.0, -70.0, 0.0, 1.2);
(-13.0, -70.0, 0.0, 1.2);	(-11.0, -70.0, 0.0, 1.2);
(-9.0, -70.0, 0.0, 1.2);	(9.0, -70.0, 0.0, 1.2);
(11.0, -70.0, 0.0, 1.2);	(13.0, -70.0, 0.0, 1.2);
(15.0, -70.0, 0.0, 1.2);	(17.0, -70.0, 0.0, 1.2);
(20.0, -70.0, 0.0, 1.2);	(25.0, -70.0, 0.0, 1.2);
(30.0, -70.0, 0.0, 1.2);	(40.0, -70.0, 0.0, 1.2);
(50.0, -70.0, 0.0, 1.2);	(60.0, -70.0, 0.0, 1.2);
(70.0, -70.0, 0.0, 1.2);	(80.0, -70.0, 0.0, 1.2);
(90.0, -70.0, 0.0, 1.2);	(100.0, -70.0, 0.0, 1.2);
(-100.0, -60.0, 0.0, 1.2);	(-90.0, -60.0, 0.0, 1.2);
(-80.0, -60.0, 0.0, 1.2);	(-70.0, -60.0, 0.0, 1.2);
(-60.0, -60.0, 0.0, 1.2);	(-50.0, -60.0, 0.0, 1.2);
(-40.0, -60.0, 0.0, 1.2);	(-30.0, -60.0, 0.0, 1.2);
(-25.0, -60.0, 0.0, 1.2);	(-20.0, -60.0, 0.0, 1.2);
(-17.0, -60.0, 0.0, 1.2);	(-15.0, -60.0, 0.0, 1.2);
(-13.0, -60.0, 0.0, 1.2);	(-11.0, -60.0, 0.0, 1.2);
(-9.0, -60.0, 0.0, 1.2);	(9.0, -60.0, 0.0, 1.2);
(11.0, -60.0, 0.0, 1.2);	(13.0, -60.0, 0.0, 1.2);
(15.0, -60.0, 0.0, 1.2);	(17.0, -60.0, 0.0, 1.2);
(20.0, -60.0, 0.0, 1.2);	(25.0, -60.0, 0.0, 1.2);
(30.0, -60.0, 0.0, 1.2);	(40.0, -60.0, 0.0, 1.2);
(50.0, -60.0, 0.0, 1.2);	(60.0, -60.0, 0.0, 1.2);
(70.0, -60.0, 0.0, 1.2);	(80.0, -60.0, 0.0, 1.2);
(90.0, -60.0, 0.0, 1.2);	(100.0, -60.0, 0.0, 1.2);
(-100.0, -50.0, 0.0, 1.2);	(-90.0, -50.0, 0.0, 1.2);
(-80.0, -50.0, 0.0, 1.2);	(-70.0, -50.0, 0.0, 1.2);
(-60.0, -50.0, 0.0, 1.2);	(-50.0, -50.0, 0.0, 1.2);
(-40.0, -50.0, 0.0, 1.2);	(-30.0, -50.0, 0.0, 1.2);
(-25.0, -50.0, 0.0, 1.2);	(-20.0, -50.0, 0.0, 1.2);
(-17.0, -50.0, 0.0, 1.2);	(-15.0, -50.0, 0.0, 1.2);
(-13.0, -50.0, 0.0, 1.2);	(-11.0, -50.0, 0.0, 1.2);
(-9.0, -50.0, 0.0, 1.2);	(9.0, -50.0, 0.0, 1.2);
(11.0, -50.0, 0.0, 1.2);	(13.0, -50.0, 0.0, 1.2);
(15.0, -50.0, 0.0, 1.2);	(17.0, -50.0, 0.0, 1.2);
(20.0, -50.0, 0.0, 1.2);	(25.0, -50.0, 0.0, 1.2);
(30.0, -50.0, 0.0, 1.2);	(40.0, -50.0, 0.0, 1.2);
(50.0, -50.0, 0.0, 1.2);	(60.0, -50.0, 0.0, 1.2);

04NCRA_NAPA00-300_DPM_TRAV_ANN N-S Bound

(70.0, -50.0, 0.0, 1.2); (80.0, -50.0, 0.0, 1.2);
(90.0, -50.0, 0.0, 1.2); (100.0, -50.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -40.0, 0.0, 1.2); (-90.0, -40.0, 0.0, 1.2);
(-80.0, -40.0, 0.0, 1.2); (-70.0, -40.0, 0.0, 1.2);
(-60.0, -40.0, 0.0, 1.2); (-50.0, -40.0, 0.0, 1.2);
(-40.0, -40.0, 0.0, 1.2); (-30.0, -40.0, 0.0, 1.2);
(-25.0, -40.0, 0.0, 1.2); (-20.0, -40.0, 0.0, 1.2);
(-17.0, -40.0, 0.0, 1.2); (-15.0, -40.0, 0.0, 1.2);
(-13.0, -40.0, 0.0, 1.2); (-11.0, -40.0, 0.0, 1.2);
(-9.0, -40.0, 0.0, 1.2); (9.0, -40.0, 0.0, 1.2);
(11.0, -40.0, 0.0, 1.2); (13.0, -40.0, 0.0, 1.2);
(15.0, -40.0, 0.0, 1.2); (17.0, -40.0, 0.0, 1.2);
(20.0, -40.0, 0.0, 1.2); (25.0, -40.0, 0.0, 1.2);
(30.0, -40.0, 0.0, 1.2); (40.0, -40.0, 0.0, 1.2);
(50.0, -40.0, 0.0, 1.2); (60.0, -40.0, 0.0, 1.2);
(70.0, -40.0, 0.0, 1.2); (80.0, -40.0, 0.0, 1.2);
(90.0, -40.0, 0.0, 1.2); (100.0, -40.0, 0.0, 1.2);
(-100.0, -30.0, 0.0, 1.2); (-90.0, -30.0, 0.0, 1.2);
(-80.0, -30.0, 0.0, 1.2); (-70.0, -30.0, 0.0, 1.2);
(-60.0, -30.0, 0.0, 1.2); (-50.0, -30.0, 0.0, 1.2);
(-40.0, -30.0, 0.0, 1.2); (-30.0, -30.0, 0.0, 1.2);
(-25.0, -30.0, 0.0, 1.2); (-20.0, -30.0, 0.0, 1.2);
(-17.0, -30.0, 0.0, 1.2); (-15.0, -30.0, 0.0, 1.2);
(-13.0, -30.0, 0.0, 1.2); (-11.0, -30.0, 0.0, 1.2);
(-9.0, -30.0, 0.0, 1.2); (9.0, -30.0, 0.0, 1.2);
(11.0, -30.0, 0.0, 1.2); (13.0, -30.0, 0.0, 1.2);
(15.0, -30.0, 0.0, 1.2); (17.0, -30.0, 0.0, 1.2);
(20.0, -30.0, 0.0, 1.2); (25.0, -30.0, 0.0, 1.2);
(30.0, -30.0, 0.0, 1.2); (40.0, -30.0, 0.0, 1.2);
(50.0, -30.0, 0.0, 1.2); (60.0, -30.0, 0.0, 1.2);
(70.0, -30.0, 0.0, 1.2); (80.0, -30.0, 0.0, 1.2);
(90.0, -30.0, 0.0, 1.2); (100.0, -30.0, 0.0, 1.2);
(-100.0, -20.0, 0.0, 1.2); (-90.0, -20.0, 0.0, 1.2);
(-80.0, -20.0, 0.0, 1.2); (-70.0, -20.0, 0.0, 1.2);
(-60.0, -20.0, 0.0, 1.2); (-50.0, -20.0, 0.0, 1.2);
(-40.0, -20.0, 0.0, 1.2); (-30.0, -20.0, 0.0, 1.2);
(-25.0, -20.0, 0.0, 1.2); (-20.0, -20.0, 0.0, 1.2);

04NCRA_NAPA00-300_DPM_TRAV_ANN N-S Bound

(-17.0,	-20.0,	0.0,	1.2);	(-15.0,	-20.0,	0.0,	1.2);
(-13.0,	-20.0,	0.0,	1.2);	(-11.0,	-20.0,	0.0,	1.2);
(-9.0,	-20.0,	0.0,	1.2);	(9.0,	-20.0,	0.0,	1.2);
(11.0,	-20.0,	0.0,	1.2);	(13.0,	-20.0,	0.0,	1.2);
(15.0,	-20.0,	0.0,	1.2);	(17.0,	-20.0,	0.0,	1.2);
(20.0,	-20.0,	0.0,	1.2);	(25.0,	-20.0,	0.0,	1.2);
(30.0,	-20.0,	0.0,	1.2);	(40.0,	-20.0,	0.0,	1.2);
(50.0,	-20.0,	0.0,	1.2);	(60.0,	-20.0,	0.0,	1.2);
(70.0,	-20.0,	0.0,	1.2);	(80.0,	-20.0,	0.0,	1.2);
(90.0,	-20.0,	0.0,	1.2);	(100.0,	-20.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	-10.0,	0.0,	1.2);	(-90.0,	-10.0,	0.0,	1.2);
(-80.0,	-10.0,	0.0,	1.2);	(-70.0,	-10.0,	0.0,	1.2);
(-60.0,	-10.0,	0.0,	1.2);	(-50.0,	-10.0,	0.0,	1.2);
(-40.0,	-10.0,	0.0,	1.2);	(-30.0,	-10.0,	0.0,	1.2);
(-25.0,	-10.0,	0.0,	1.2);	(-20.0,	-10.0,	0.0,	1.2);
(-17.0,	-10.0,	0.0,	1.2);	(-15.0,	-10.0,	0.0,	1.2);
(-13.0,	-10.0,	0.0,	1.2);	(-11.0,	-10.0,	0.0,	1.2);
(-9.0,	-10.0,	0.0,	1.2);	(9.0,	-10.0,	0.0,	1.2);
(11.0,	-10.0,	0.0,	1.2);	(13.0,	-10.0,	0.0,	1.2);
(15.0,	-10.0,	0.0,	1.2);	(17.0,	-10.0,	0.0,	1.2);
(20.0,	-10.0,	0.0,	1.2);	(25.0,	-10.0,	0.0,	1.2);
(30.0,	-10.0,	0.0,	1.2);	(40.0,	-10.0,	0.0,	1.2);
(50.0,	-10.0,	0.0,	1.2);	(60.0,	-10.0,	0.0,	1.2);
(70.0,	-10.0,	0.0,	1.2);	(80.0,	-10.0,	0.0,	1.2);
(90.0,	-10.0,	0.0,	1.2);	(100.0,	-10.0,	0.0,	1.2);
(-100.0,	0.0,	0.0,	1.2);	(-90.0,	0.0,	0.0,	1.2);
(-80.0,	0.0,	0.0,	1.2);	(-70.0,	0.0,	0.0,	1.2);
(-60.0,	0.0,	0.0,	1.2);	(-50.0,	0.0,	0.0,	1.2);
(-40.0,	0.0,	0.0,	1.2);	(-30.0,	0.0,	0.0,	1.2);
(-25.0,	0.0,	0.0,	1.2);	(-20.0,	0.0,	0.0,	1.2);
(-17.0,	0.0,	0.0,	1.2);	(-15.0,	0.0,	0.0,	1.2);
(-13.0,	0.0,	0.0,	1.2);	(-11.0,	0.0,	0.0,	1.2);
(-9.0,	0.0,	0.0,	1.2);	(9.0,	0.0,	0.0,	1.2);
(11.0,	0.0,	0.0,	1.2);	(13.0,	0.0,	0.0,	1.2);
(15.0,	0.0,	0.0,	1.2);	(17.0,	0.0,	0.0,	1.2);
(20.0,	0.0,	0.0,	1.2);	(25.0,	0.0,	0.0,	1.2);
(30.0,	0.0,	0.0,	1.2);	(40.0,	0.0,	0.0,	1.2);

04NCRA_NAPA00-300_DPM_TRAV_ANN N-S Bound

(50.0,	0.0,	0.0,	1.2);	(60.0,	0.0,	0.0,	1.2);
(70.0,	0.0,	0.0,	1.2);	(80.0,	0.0,	0.0,	1.2);
(90.0,	0.0,	0.0,	1.2);	(100.0,	0.0,	0.0,	1.2);
(-100.0,	10.0,	0.0,	1.2);	(-90.0,	10.0,	0.0,	1.2);
(-80.0,	10.0,	0.0,	1.2);	(-70.0,	10.0,	0.0,	1.2);
(-60.0,	10.0,	0.0,	1.2);	(-50.0,	10.0,	0.0,	1.2);
(-40.0,	10.0,	0.0,	1.2);	(-30.0,	10.0,	0.0,	1.2);
(-25.0,	10.0,	0.0,	1.2);	(-20.0,	10.0,	0.0,	1.2);
(-17.0,	10.0,	0.0,	1.2);	(-15.0,	10.0,	0.0,	1.2);
(-13.0,	10.0,	0.0,	1.2);	(-11.0,	10.0,	0.0,	1.2);
(-9.0,	10.0,	0.0,	1.2);	(9.0,	10.0,	0.0,	1.2);
(11.0,	10.0,	0.0,	1.2);	(13.0,	10.0,	0.0,	1.2);
(15.0,	10.0,	0.0,	1.2);	(17.0,	10.0,	0.0,	1.2);
(20.0,	10.0,	0.0,	1.2);	(25.0,	10.0,	0.0,	1.2);
(30.0,	10.0,	0.0,	1.2);	(40.0,	10.0,	0.0,	1.2);
(50.0,	10.0,	0.0,	1.2);	(60.0,	10.0,	0.0,	1.2);
(70.0,	10.0,	0.0,	1.2);	(80.0,	10.0,	0.0,	1.2);
(90.0,	10.0,	0.0,	1.2);	(100.0,	10.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

PAGE 13

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	20.0,	0.0,	1.2);	(-90.0,	20.0,	0.0,	1.2);
(-80.0,	20.0,	0.0,	1.2);	(-70.0,	20.0,	0.0,	1.2);
(-60.0,	20.0,	0.0,	1.2);	(-50.0,	20.0,	0.0,	1.2);
(-40.0,	20.0,	0.0,	1.2);	(-30.0,	20.0,	0.0,	1.2);
(-25.0,	20.0,	0.0,	1.2);	(-20.0,	20.0,	0.0,	1.2);
(-17.0,	20.0,	0.0,	1.2);	(-15.0,	20.0,	0.0,	1.2);
(-13.0,	20.0,	0.0,	1.2);	(-11.0,	20.0,	0.0,	1.2);
(-9.0,	20.0,	0.0,	1.2);	(9.0,	20.0,	0.0,	1.2);
(11.0,	20.0,	0.0,	1.2);	(13.0,	20.0,	0.0,	1.2);
(15.0,	20.0,	0.0,	1.2);	(17.0,	20.0,	0.0,	1.2);
(20.0,	20.0,	0.0,	1.2);	(25.0,	20.0,	0.0,	1.2);
(30.0,	20.0,	0.0,	1.2);	(40.0,	20.0,	0.0,	1.2);
(50.0,	20.0,	0.0,	1.2);	(60.0,	20.0,	0.0,	1.2);
(70.0,	20.0,	0.0,	1.2);	(80.0,	20.0,	0.0,	1.2);
(90.0,	20.0,	0.0,	1.2);	(100.0,	20.0,	0.0,	1.2);
(-100.0,	30.0,	0.0,	1.2);	(-90.0,	30.0,	0.0,	1.2);
(-80.0,	30.0,	0.0,	1.2);	(-70.0,	30.0,	0.0,	1.2);
(-60.0,	30.0,	0.0,	1.2);	(-50.0,	30.0,	0.0,	1.2);
(-40.0,	30.0,	0.0,	1.2);	(-30.0,	30.0,	0.0,	1.2);

04NCRA_NAPA00-300_DPM_TRAV_ANN N-S Bound

(-25.0,	30.0,	0.0,	1.2);	(-20.0,	30.0,	0.0,	1.2);
(-17.0,	30.0,	0.0,	1.2);	(-15.0,	30.0,	0.0,	1.2);
(-13.0,	30.0,	0.0,	1.2);	(-11.0,	30.0,	0.0,	1.2);
(-9.0,	30.0,	0.0,	1.2);	(9.0,	30.0,	0.0,	1.2);
(11.0,	30.0,	0.0,	1.2);	(13.0,	30.0,	0.0,	1.2);
(15.0,	30.0,	0.0,	1.2);	(17.0,	30.0,	0.0,	1.2);
(20.0,	30.0,	0.0,	1.2);	(25.0,	30.0,	0.0,	1.2);
(30.0,	30.0,	0.0,	1.2);	(40.0,	30.0,	0.0,	1.2);
(50.0,	30.0,	0.0,	1.2);	(60.0,	30.0,	0.0,	1.2);
(70.0,	30.0,	0.0,	1.2);	(80.0,	30.0,	0.0,	1.2);
(90.0,	30.0,	0.0,	1.2);	(100.0,	30.0,	0.0,	1.2);
(-100.0,	40.0,	0.0,	1.2);	(-90.0,	40.0,	0.0,	1.2);
(-80.0,	40.0,	0.0,	1.2);	(-70.0,	40.0,	0.0,	1.2);
(-60.0,	40.0,	0.0,	1.2);	(-50.0,	40.0,	0.0,	1.2);
(-40.0,	40.0,	0.0,	1.2);	(-30.0,	40.0,	0.0,	1.2);
(-25.0,	40.0,	0.0,	1.2);	(-20.0,	40.0,	0.0,	1.2);
(-17.0,	40.0,	0.0,	1.2);	(-15.0,	40.0,	0.0,	1.2);
(-13.0,	40.0,	0.0,	1.2);	(-11.0,	40.0,	0.0,	1.2);
(-9.0,	40.0,	0.0,	1.2);	(9.0,	40.0,	0.0,	1.2);
(11.0,	40.0,	0.0,	1.2);	(13.0,	40.0,	0.0,	1.2);
(15.0,	40.0,	0.0,	1.2);	(17.0,	40.0,	0.0,	1.2);
(20.0,	40.0,	0.0,	1.2);	(25.0,	40.0,	0.0,	1.2);
(30.0,	40.0,	0.0,	1.2);	(40.0,	40.0,	0.0,	1.2);
(50.0,	40.0,	0.0,	1.2);	(60.0,	40.0,	0.0,	1.2);
(70.0,	40.0,	0.0,	1.2);	(80.0,	40.0,	0.0,	1.2);
(90.0,	40.0,	0.0,	1.2);	(100.0,	40.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:46:52

**MODELOPTs:

PAGE 14

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	50.0,	0.0,	1.2);	(-90.0,	50.0,	0.0,	1.2);
(-80.0,	50.0,	0.0,	1.2);	(-70.0,	50.0,	0.0,	1.2);
(-60.0,	50.0,	0.0,	1.2);	(-50.0,	50.0,	0.0,	1.2);
(-40.0,	50.0,	0.0,	1.2);	(-30.0,	50.0,	0.0,	1.2);
(-25.0,	50.0,	0.0,	1.2);	(-20.0,	50.0,	0.0,	1.2);
(-17.0,	50.0,	0.0,	1.2);	(-15.0,	50.0,	0.0,	1.2);
(-13.0,	50.0,	0.0,	1.2);	(-11.0,	50.0,	0.0,	1.2);
(-9.0,	50.0,	0.0,	1.2);	(9.0,	50.0,	0.0,	1.2);
(11.0,	50.0,	0.0,	1.2);	(13.0,	50.0,	0.0,	1.2);
(15.0,	50.0,	0.0,	1.2);	(17.0,	50.0,	0.0,	1.2);
(20.0,	50.0,	0.0,	1.2);	(25.0,	50.0,	0.0,	1.2);

04NCRA_NAPA00-300_DPM_TRAV_ANN N-S Bound

(30.0,	50.0,	0.0,	1.2);	(40.0,	50.0,	0.0,	1.2);
(50.0,	50.0,	0.0,	1.2);	(60.0,	50.0,	0.0,	1.2);
(70.0,	50.0,	0.0,	1.2);	(80.0,	50.0,	0.0,	1.2);
(90.0,	50.0,	0.0,	1.2);	(100.0,	50.0,	0.0,	1.2);
(-100.0,	60.0,	0.0,	1.2);	(-90.0,	60.0,	0.0,	1.2);
(-80.0,	60.0,	0.0,	1.2);	(-70.0,	60.0,	0.0,	1.2);
(-60.0,	60.0,	0.0,	1.2);	(-50.0,	60.0,	0.0,	1.2);
(-40.0,	60.0,	0.0,	1.2);	(-30.0,	60.0,	0.0,	1.2);
(-25.0,	60.0,	0.0,	1.2);	(-20.0,	60.0,	0.0,	1.2);
(-17.0,	60.0,	0.0,	1.2);	(-15.0,	60.0,	0.0,	1.2);
(-13.0,	60.0,	0.0,	1.2);	(-11.0,	60.0,	0.0,	1.2);
(-9.0,	60.0,	0.0,	1.2);	(9.0,	60.0,	0.0,	1.2);
(11.0,	60.0,	0.0,	1.2);	(13.0,	60.0,	0.0,	1.2);
(15.0,	60.0,	0.0,	1.2);	(17.0,	60.0,	0.0,	1.2);
(20.0,	60.0,	0.0,	1.2);	(25.0,	60.0,	0.0,	1.2);
(30.0,	60.0,	0.0,	1.2);	(40.0,	60.0,	0.0,	1.2);
(50.0,	60.0,	0.0,	1.2);	(60.0,	60.0,	0.0,	1.2);
(70.0,	60.0,	0.0,	1.2);	(80.0,	60.0,	0.0,	1.2);
(90.0,	60.0,	0.0,	1.2);	(100.0,	60.0,	0.0,	1.2);
(-100.0,	70.0,	0.0,	1.2);	(-90.0,	70.0,	0.0,	1.2);
(-80.0,	70.0,	0.0,	1.2);	(-70.0,	70.0,	0.0,	1.2);
(-60.0,	70.0,	0.0,	1.2);	(-50.0,	70.0,	0.0,	1.2);
(-40.0,	70.0,	0.0,	1.2);	(-30.0,	70.0,	0.0,	1.2);
(-25.0,	70.0,	0.0,	1.2);	(-20.0,	70.0,	0.0,	1.2);
(-17.0,	70.0,	0.0,	1.2);	(-15.0,	70.0,	0.0,	1.2);
(-13.0,	70.0,	0.0,	1.2);	(-11.0,	70.0,	0.0,	1.2);
(-9.0,	70.0,	0.0,	1.2);	(9.0,	70.0,	0.0,	1.2);
(11.0,	70.0,	0.0,	1.2);	(13.0,	70.0,	0.0,	1.2);
(15.0,	70.0,	0.0,	1.2);	(17.0,	70.0,	0.0,	1.2);
(20.0,	70.0,	0.0,	1.2);	(25.0,	70.0,	0.0,	1.2);
(30.0,	70.0,	0.0,	1.2);	(40.0,	70.0,	0.0,	1.2);
(50.0,	70.0,	0.0,	1.2);	(60.0,	70.0,	0.0,	1.2);
(70.0,	70.0,	0.0,	1.2);	(80.0,	70.0,	0.0,	1.2);
(90.0,	70.0,	0.0,	1.2);	(100.0,	70.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:
PAGE 15

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	80.0,	0.0,	1.2);	(-90.0,	80.0,	0.0,	1.2);
(-80.0,	80.0,	0.0,	1.2);	(-70.0,	80.0,	0.0,	1.2);
(-60.0,	80.0,	0.0,	1.2);	(-50.0,	80.0,	0.0,	1.2);

04NCRA_NAPA00-300_DPM_TRAV_ANN N-S Bound

(-40.0,	80.0,	0.0,	1.2);	(-30.0,	80.0,	0.0,	1.2);
(-25.0,	80.0,	0.0,	1.2);	(-20.0,	80.0,	0.0,	1.2);
(-17.0,	80.0,	0.0,	1.2);	(-15.0,	80.0,	0.0,	1.2);
(-13.0,	80.0,	0.0,	1.2);	(-11.0,	80.0,	0.0,	1.2);
(-9.0,	80.0,	0.0,	1.2);	(9.0,	80.0,	0.0,	1.2);
(11.0,	80.0,	0.0,	1.2);	(13.0,	80.0,	0.0,	1.2);
(15.0,	80.0,	0.0,	1.2);	(17.0,	80.0,	0.0,	1.2);
(20.0,	80.0,	0.0,	1.2);	(25.0,	80.0,	0.0,	1.2);
(30.0,	80.0,	0.0,	1.2);	(40.0,	80.0,	0.0,	1.2);
(50.0,	80.0,	0.0,	1.2);	(60.0,	80.0,	0.0,	1.2);
(70.0,	80.0,	0.0,	1.2);	(80.0,	80.0,	0.0,	1.2);
(90.0,	80.0,	0.0,	1.2);	(100.0,	80.0,	0.0,	1.2);
(-100.0,	90.0,	0.0,	1.2);	(-90.0,	90.0,	0.0,	1.2);
(-80.0,	90.0,	0.0,	1.2);	(-70.0,	90.0,	0.0,	1.2);
(-60.0,	90.0,	0.0,	1.2);	(-50.0,	90.0,	0.0,	1.2);
(-40.0,	90.0,	0.0,	1.2);	(-30.0,	90.0,	0.0,	1.2);
(-25.0,	90.0,	0.0,	1.2);	(-20.0,	90.0,	0.0,	1.2);
(-17.0,	90.0,	0.0,	1.2);	(-15.0,	90.0,	0.0,	1.2);
(-13.0,	90.0,	0.0,	1.2);	(-11.0,	90.0,	0.0,	1.2);
(-9.0,	90.0,	0.0,	1.2);	(9.0,	90.0,	0.0,	1.2);
(11.0,	90.0,	0.0,	1.2);	(13.0,	90.0,	0.0,	1.2);
(15.0,	90.0,	0.0,	1.2);	(17.0,	90.0,	0.0,	1.2);
(20.0,	90.0,	0.0,	1.2);	(25.0,	90.0,	0.0,	1.2);
(30.0,	90.0,	0.0,	1.2);	(40.0,	90.0,	0.0,	1.2);
(50.0,	90.0,	0.0,	1.2);	(60.0,	90.0,	0.0,	1.2);
(70.0,	90.0,	0.0,	1.2);	(80.0,	90.0,	0.0,	1.2);
(90.0,	90.0,	0.0,	1.2);	(100.0,	90.0,	0.0,	1.2);
(-100.0,	100.0,	0.0,	1.2);	(-90.0,	100.0,	0.0,	1.2);
(-80.0,	100.0,	0.0,	1.2);	(-70.0,	100.0,	0.0,	1.2);
(-60.0,	100.0,	0.0,	1.2);	(-50.0,	100.0,	0.0,	1.2);
(-40.0,	100.0,	0.0,	1.2);	(-30.0,	100.0,	0.0,	1.2);
(-25.0,	100.0,	0.0,	1.2);	(-20.0,	100.0,	0.0,	1.2);
(-17.0,	100.0,	0.0,	1.2);	(-15.0,	100.0,	0.0,	1.2);
(-13.0,	100.0,	0.0,	1.2);	(-11.0,	100.0,	0.0,	1.2);
(-9.0,	100.0,	0.0,	1.2);	(9.0,	100.0,	0.0,	1.2);
(11.0,	100.0,	0.0,	1.2);	(13.0,	100.0,	0.0,	1.2);
(15.0,	100.0,	0.0,	1.2);	(17.0,	100.0,	0.0,	1.2);
(20.0,	100.0,	0.0,	1.2);	(25.0,	100.0,	0.0,	1.2);
(30.0,	100.0,	0.0,	1.2);	(40.0,	100.0,	0.0,	1.2);
(50.0,	100.0,	0.0,	1.2);	(60.0,	100.0,	0.0,	1.2);
(70.0,	100.0,	0.0,	1.2);	(80.0,	100.0,	0.0,	1.2);
(90.0,	100.0,	0.0,	1.2);	(100.0,	100.0,	0.0,	1.2);

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, 110.0, 0.0, 1.2);	(-90.0, 110.0, 0.0, 1.2);
(-80.0, 110.0, 0.0, 1.2);	(-70.0, 110.0, 0.0, 1.2);
(-60.0, 110.0, 0.0, 1.2);	(-50.0, 110.0, 0.0, 1.2);
(-40.0, 110.0, 0.0, 1.2);	(-30.0, 110.0, 0.0, 1.2);
(-25.0, 110.0, 0.0, 1.2);	(-20.0, 110.0, 0.0, 1.2);
(-17.0, 110.0, 0.0, 1.2);	(-15.0, 110.0, 0.0, 1.2);
(-13.0, 110.0, 0.0, 1.2);	(-11.0, 110.0, 0.0, 1.2);
(-9.0, 110.0, 0.0, 1.2);	(9.0, 110.0, 0.0, 1.2);
(11.0, 110.0, 0.0, 1.2);	(13.0, 110.0, 0.0, 1.2);
(15.0, 110.0, 0.0, 1.2);	(17.0, 110.0, 0.0, 1.2);
(20.0, 110.0, 0.0, 1.2);	(25.0, 110.0, 0.0, 1.2);
(30.0, 110.0, 0.0, 1.2);	(40.0, 110.0, 0.0, 1.2);
(50.0, 110.0, 0.0, 1.2);	(60.0, 110.0, 0.0, 1.2);
(70.0, 110.0, 0.0, 1.2);	(80.0, 110.0, 0.0, 1.2);
(90.0, 110.0, 0.0, 1.2);	(100.0, 110.0, 0.0, 1.2);
(-100.0, 120.0, 0.0, 1.2);	(-90.0, 120.0, 0.0, 1.2);
(-80.0, 120.0, 0.0, 1.2);	(-70.0, 120.0, 0.0, 1.2);
(-60.0, 120.0, 0.0, 1.2);	(-50.0, 120.0, 0.0, 1.2);
(-40.0, 120.0, 0.0, 1.2);	(-30.0, 120.0, 0.0, 1.2);
(-25.0, 120.0, 0.0, 1.2);	(-20.0, 120.0, 0.0, 1.2);
(-17.0, 120.0, 0.0, 1.2);	(-15.0, 120.0, 0.0, 1.2);
(-13.0, 120.0, 0.0, 1.2);	(-11.0, 120.0, 0.0, 1.2);
(-9.0, 120.0, 0.0, 1.2);	(9.0, 120.0, 0.0, 1.2);
(11.0, 120.0, 0.0, 1.2);	(13.0, 120.0, 0.0, 1.2);
(15.0, 120.0, 0.0, 1.2);	(17.0, 120.0, 0.0, 1.2);
(20.0, 120.0, 0.0, 1.2);	(25.0, 120.0, 0.0, 1.2);
(30.0, 120.0, 0.0, 1.2);	(40.0, 120.0, 0.0, 1.2);
(50.0, 120.0, 0.0, 1.2);	(60.0, 120.0, 0.0, 1.2);
(70.0, 120.0, 0.0, 1.2);	(80.0, 120.0, 0.0, 1.2);
(90.0, 120.0, 0.0, 1.2);	(100.0, 120.0, 0.0, 1.2);
(-100.0, 130.0, 0.0, 1.2);	(-90.0, 130.0, 0.0, 1.2);
(-80.0, 130.0, 0.0, 1.2);	(-70.0, 130.0, 0.0, 1.2);
(-60.0, 130.0, 0.0, 1.2);	(-50.0, 130.0, 0.0, 1.2);
(-40.0, 130.0, 0.0, 1.2);	(-30.0, 130.0, 0.0, 1.2);
(-25.0, 130.0, 0.0, 1.2);	(-20.0, 130.0, 0.0, 1.2);
(-17.0, 130.0, 0.0, 1.2);	(-15.0, 130.0, 0.0, 1.2);
(-13.0, 130.0, 0.0, 1.2);	(-11.0, 130.0, 0.0, 1.2);
(-9.0, 130.0, 0.0, 1.2);	(9.0, 130.0, 0.0, 1.2);
(11.0, 130.0, 0.0, 1.2);	(13.0, 130.0, 0.0, 1.2);

04NCRA_NAPA00-300_DPM_TRAV_ANN N-S Bound

(15.0,	130.0,	0.0,	1.2);	(17.0,	130.0,	0.0,	1.2);
(20.0,	130.0,	0.0,	1.2);	(25.0,	130.0,	0.0,	1.2);
(30.0,	130.0,	0.0,	1.2);	(40.0,	130.0,	0.0,	1.2);
(50.0,	130.0,	0.0,	1.2);	(60.0,	130.0,	0.0,	1.2);
(70.0,	130.0,	0.0,	1.2);	(80.0,	130.0,	0.0,	1.2);
(90.0,	130.0,	0.0,	1.2);	(100.0,	130.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:
 PAGE 17

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	140.0,	0.0,	1.2);	(-90.0,	140.0,	0.0,	1.2);
(-80.0,	140.0,	0.0,	1.2);	(-70.0,	140.0,	0.0,	1.2);
(-60.0,	140.0,	0.0,	1.2);	(-50.0,	140.0,	0.0,	1.2);
(-40.0,	140.0,	0.0,	1.2);	(-30.0,	140.0,	0.0,	1.2);
(-25.0,	140.0,	0.0,	1.2);	(-20.0,	140.0,	0.0,	1.2);
(-17.0,	140.0,	0.0,	1.2);	(-15.0,	140.0,	0.0,	1.2);
(-13.0,	140.0,	0.0,	1.2);	(-11.0,	140.0,	0.0,	1.2);
(-9.0,	140.0,	0.0,	1.2);	(9.0,	140.0,	0.0,	1.2);
(11.0,	140.0,	0.0,	1.2);	(13.0,	140.0,	0.0,	1.2);
(15.0,	140.0,	0.0,	1.2);	(17.0,	140.0,	0.0,	1.2);
(20.0,	140.0,	0.0,	1.2);	(25.0,	140.0,	0.0,	1.2);
(30.0,	140.0,	0.0,	1.2);	(40.0,	140.0,	0.0,	1.2);
(50.0,	140.0,	0.0,	1.2);	(60.0,	140.0,	0.0,	1.2);
(70.0,	140.0,	0.0,	1.2);	(80.0,	140.0,	0.0,	1.2);
(90.0,	140.0,	0.0,	1.2);	(100.0,	140.0,	0.0,	1.2);
(-100.0,	150.0,	0.0,	1.2);	(-90.0,	150.0,	0.0,	1.2);
(-80.0,	150.0,	0.0,	1.2);	(-70.0,	150.0,	0.0,	1.2);
(-60.0,	150.0,	0.0,	1.2);	(-50.0,	150.0,	0.0,	1.2);
(-40.0,	150.0,	0.0,	1.2);	(-30.0,	150.0,	0.0,	1.2);
(-25.0,	150.0,	0.0,	1.2);	(-20.0,	150.0,	0.0,	1.2);
(-17.0,	150.0,	0.0,	1.2);	(-15.0,	150.0,	0.0,	1.2);
(-13.0,	150.0,	0.0,	1.2);	(-11.0,	150.0,	0.0,	1.2);
(-9.0,	150.0,	0.0,	1.2);	(9.0,	150.0,	0.0,	1.2);
(11.0,	150.0,	0.0,	1.2);	(13.0,	150.0,	0.0,	1.2);
(15.0,	150.0,	0.0,	1.2);	(17.0,	150.0,	0.0,	1.2);
(20.0,	150.0,	0.0,	1.2);	(25.0,	150.0,	0.0,	1.2);
(30.0,	150.0,	0.0,	1.2);	(40.0,	150.0,	0.0,	1.2);
(50.0,	150.0,	0.0,	1.2);	(60.0,	150.0,	0.0,	1.2);
(70.0,	150.0,	0.0,	1.2);	(80.0,	150.0,	0.0,	1.2);
(90.0,	150.0,	0.0,	1.2);	(100.0,	150.0,	0.0,	1.2);
(-100.0,	160.0,	0.0,	1.2);	(-90.0,	160.0,	0.0,	1.2);

04NCRA_NAPA00-300_DPM_TRAV_ANN N-S Bound

(-80.0,	160.0,	0.0,	1.2);	(-70.0,	160.0,	0.0,	1.2);
(-60.0,	160.0,	0.0,	1.2);	(-50.0,	160.0,	0.0,	1.2);
(-40.0,	160.0,	0.0,	1.2);	(-30.0,	160.0,	0.0,	1.2);
(-25.0,	160.0,	0.0,	1.2);	(-20.0,	160.0,	0.0,	1.2);
(-17.0,	160.0,	0.0,	1.2);	(-15.0,	160.0,	0.0,	1.2);
(-13.0,	160.0,	0.0,	1.2);	(-11.0,	160.0,	0.0,	1.2);
(-9.0,	160.0,	0.0,	1.2);	(9.0,	160.0,	0.0,	1.2);
(11.0,	160.0,	0.0,	1.2);	(13.0,	160.0,	0.0,	1.2);
(15.0,	160.0,	0.0,	1.2);	(17.0,	160.0,	0.0,	1.2);
(20.0,	160.0,	0.0,	1.2);	(25.0,	160.0,	0.0,	1.2);
(30.0,	160.0,	0.0,	1.2);	(40.0,	160.0,	0.0,	1.2);
(50.0,	160.0,	0.0,	1.2);	(60.0,	160.0,	0.0,	1.2);
(70.0,	160.0,	0.0,	1.2);	(80.0,	160.0,	0.0,	1.2);
(90.0,	160.0,	0.0,	1.2);	(100.0,	160.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

PAGE 18

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	170.0,	0.0,	1.2);	(-90.0,	170.0,	0.0,	1.2);
(-80.0,	170.0,	0.0,	1.2);	(-70.0,	170.0,	0.0,	1.2);
(-60.0,	170.0,	0.0,	1.2);	(-50.0,	170.0,	0.0,	1.2);
(-40.0,	170.0,	0.0,	1.2);	(-30.0,	170.0,	0.0,	1.2);
(-25.0,	170.0,	0.0,	1.2);	(-20.0,	170.0,	0.0,	1.2);
(-17.0,	170.0,	0.0,	1.2);	(-15.0,	170.0,	0.0,	1.2);
(-13.0,	170.0,	0.0,	1.2);	(-11.0,	170.0,	0.0,	1.2);
(-9.0,	170.0,	0.0,	1.2);	(9.0,	170.0,	0.0,	1.2);
(11.0,	170.0,	0.0,	1.2);	(13.0,	170.0,	0.0,	1.2);
(15.0,	170.0,	0.0,	1.2);	(17.0,	170.0,	0.0,	1.2);
(20.0,	170.0,	0.0,	1.2);	(25.0,	170.0,	0.0,	1.2);
(30.0,	170.0,	0.0,	1.2);	(40.0,	170.0,	0.0,	1.2);
(50.0,	170.0,	0.0,	1.2);	(60.0,	170.0,	0.0,	1.2);
(70.0,	170.0,	0.0,	1.2);	(80.0,	170.0,	0.0,	1.2);
(90.0,	170.0,	0.0,	1.2);	(100.0,	170.0,	0.0,	1.2);
(-100.0,	180.0,	0.0,	1.2);	(-90.0,	180.0,	0.0,	1.2);
(-80.0,	180.0,	0.0,	1.2);	(-70.0,	180.0,	0.0,	1.2);
(-60.0,	180.0,	0.0,	1.2);	(-50.0,	180.0,	0.0,	1.2);
(-40.0,	180.0,	0.0,	1.2);	(-30.0,	180.0,	0.0,	1.2);
(-25.0,	180.0,	0.0,	1.2);	(-20.0,	180.0,	0.0,	1.2);
(-17.0,	180.0,	0.0,	1.2);	(-15.0,	180.0,	0.0,	1.2);
(-13.0,	180.0,	0.0,	1.2);	(-11.0,	180.0,	0.0,	1.2);
(-9.0,	180.0,	0.0,	1.2);	(9.0,	180.0,	0.0,	1.2);

04NCRA_NAPA00-300_DPM_TRAV_ANN N-S Bound

(11.0,	180.0,	0.0,	1.2);	(13.0,	180.0,	0.0,	1.2);
(15.0,	180.0,	0.0,	1.2);	(17.0,	180.0,	0.0,	1.2);
(20.0,	180.0,	0.0,	1.2);	(25.0,	180.0,	0.0,	1.2);
(30.0,	180.0,	0.0,	1.2);	(40.0,	180.0,	0.0,	1.2);
(50.0,	180.0,	0.0,	1.2);	(60.0,	180.0,	0.0,	1.2);
(70.0,	180.0,	0.0,	1.2);	(80.0,	180.0,	0.0,	1.2);
(90.0,	180.0,	0.0,	1.2);	(100.0,	180.0,	0.0,	1.2);
(-100.0,	190.0,	0.0,	1.2);	(-90.0,	190.0,	0.0,	1.2);
(-80.0,	190.0,	0.0,	1.2);	(-70.0,	190.0,	0.0,	1.2);
(-60.0,	190.0,	0.0,	1.2);	(-50.0,	190.0,	0.0,	1.2);
(-40.0,	190.0,	0.0,	1.2);	(-30.0,	190.0,	0.0,	1.2);
(-25.0,	190.0,	0.0,	1.2);	(-20.0,	190.0,	0.0,	1.2);
(-17.0,	190.0,	0.0,	1.2);	(-15.0,	190.0,	0.0,	1.2);
(-13.0,	190.0,	0.0,	1.2);	(-11.0,	190.0,	0.0,	1.2);
(-9.0,	190.0,	0.0,	1.2);	(9.0,	190.0,	0.0,	1.2);
(11.0,	190.0,	0.0,	1.2);	(13.0,	190.0,	0.0,	1.2);
(15.0,	190.0,	0.0,	1.2);	(17.0,	190.0,	0.0,	1.2);
(20.0,	190.0,	0.0,	1.2);	(25.0,	190.0,	0.0,	1.2);
(30.0,	190.0,	0.0,	1.2);	(40.0,	190.0,	0.0,	1.2);
(50.0,	190.0,	0.0,	1.2);	(60.0,	190.0,	0.0,	1.2);
(70.0,	190.0,	0.0,	1.2);	(80.0,	190.0,	0.0,	1.2);
(90.0,	190.0,	0.0,	1.2);	(100.0,	190.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	200.0,	0.0,	1.2);	(-90.0,	200.0,	0.0,	1.2);
(-80.0,	200.0,	0.0,	1.2);	(-70.0,	200.0,	0.0,	1.2);
(-60.0,	200.0,	0.0,	1.2);	(-50.0,	200.0,	0.0,	1.2);
(-40.0,	200.0,	0.0,	1.2);	(-30.0,	200.0,	0.0,	1.2);
(-25.0,	200.0,	0.0,	1.2);	(-20.0,	200.0,	0.0,	1.2);
(-17.0,	200.0,	0.0,	1.2);	(-15.0,	200.0,	0.0,	1.2);
(-13.0,	200.0,	0.0,	1.2);	(-11.0,	200.0,	0.0,	1.2);
(-9.0,	200.0,	0.0,	1.2);	(9.0,	200.0,	0.0,	1.2);
(11.0,	200.0,	0.0,	1.2);	(13.0,	200.0,	0.0,	1.2);
(15.0,	200.0,	0.0,	1.2);	(17.0,	200.0,	0.0,	1.2);
(20.0,	200.0,	0.0,	1.2);	(25.0,	200.0,	0.0,	1.2);
(30.0,	200.0,	0.0,	1.2);	(40.0,	200.0,	0.0,	1.2);
(50.0,	200.0,	0.0,	1.2);	(60.0,	200.0,	0.0,	1.2);
(70.0,	200.0,	0.0,	1.2);	(80.0,	200.0,	0.0,	1.2);
(90.0,	200.0,	0.0,	1.2);	(100.0,	200.0,	0.0,	1.2);

04NCRA_NAPA00-300_DPM_TRAV_ANN N-S Bound

(-100.0,	210.0,	0.0,	1.2);	(-90.0,	210.0,	0.0,	1.2);
(-80.0,	210.0,	0.0,	1.2);	(-70.0,	210.0,	0.0,	1.2);
(-60.0,	210.0,	0.0,	1.2);	(-50.0,	210.0,	0.0,	1.2);
(-40.0,	210.0,	0.0,	1.2);	(-30.0,	210.0,	0.0,	1.2);
(-25.0,	210.0,	0.0,	1.2);	(-20.0,	210.0,	0.0,	1.2);
(-17.0,	210.0,	0.0,	1.2);	(-15.0,	210.0,	0.0,	1.2);
(-13.0,	210.0,	0.0,	1.2);	(-11.0,	210.0,	0.0,	1.2);
(-9.0,	210.0,	0.0,	1.2);	(9.0,	210.0,	0.0,	1.2);
(11.0,	210.0,	0.0,	1.2);	(13.0,	210.0,	0.0,	1.2);
(15.0,	210.0,	0.0,	1.2);	(17.0,	210.0,	0.0,	1.2);
(20.0,	210.0,	0.0,	1.2);	(25.0,	210.0,	0.0,	1.2);
(30.0,	210.0,	0.0,	1.2);	(40.0,	210.0,	0.0,	1.2);
(50.0,	210.0,	0.0,	1.2);	(60.0,	210.0,	0.0,	1.2);
(70.0,	210.0,	0.0,	1.2);	(80.0,	210.0,	0.0,	1.2);
(90.0,	210.0,	0.0,	1.2);	(100.0,	210.0,	0.0,	1.2);
(-100.0,	220.0,	0.0,	1.2);	(-90.0,	220.0,	0.0,	1.2);
(-80.0,	220.0,	0.0,	1.2);	(-70.0,	220.0,	0.0,	1.2);
(-60.0,	220.0,	0.0,	1.2);	(-50.0,	220.0,	0.0,	1.2);
(-40.0,	220.0,	0.0,	1.2);	(-30.0,	220.0,	0.0,	1.2);
(-25.0,	220.0,	0.0,	1.2);	(-20.0,	220.0,	0.0,	1.2);
(-17.0,	220.0,	0.0,	1.2);	(-15.0,	220.0,	0.0,	1.2);
(-13.0,	220.0,	0.0,	1.2);	(-11.0,	220.0,	0.0,	1.2);
(-9.0,	220.0,	0.0,	1.2);	(9.0,	220.0,	0.0,	1.2);
(11.0,	220.0,	0.0,	1.2);	(13.0,	220.0,	0.0,	1.2);
(15.0,	220.0,	0.0,	1.2);	(17.0,	220.0,	0.0,	1.2);
(20.0,	220.0,	0.0,	1.2);	(25.0,	220.0,	0.0,	1.2);
(30.0,	220.0,	0.0,	1.2);	(40.0,	220.0,	0.0,	1.2);
(50.0,	220.0,	0.0,	1.2);	(60.0,	220.0,	0.0,	1.2);
(70.0,	220.0,	0.0,	1.2);	(80.0,	220.0,	0.0,	1.2);
(90.0,	220.0,	0.0,	1.2);	(100.0,	220.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
 PAGE 20

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	230.0,	0.0,	1.2);	(-90.0,	230.0,	0.0,	1.2);
(-80.0,	230.0,	0.0,	1.2);	(-70.0,	230.0,	0.0,	1.2);
(-60.0,	230.0,	0.0,	1.2);	(-50.0,	230.0,	0.0,	1.2);
(-40.0,	230.0,	0.0,	1.2);	(-30.0,	230.0,	0.0,	1.2);
(-25.0,	230.0,	0.0,	1.2);	(-20.0,	230.0,	0.0,	1.2);
(-17.0,	230.0,	0.0,	1.2);	(-15.0,	230.0,	0.0,	1.2);
(-13.0,	230.0,	0.0,	1.2);	(-11.0,	230.0,	0.0,	1.2);

04NCRA_NAPA00-300_DPM_TRAV_ANN N-S Bound

(	-9.0,	230.0,	0.0,	1.2);	(	9.0,	230.0,	0.0,	1.2);
(	11.0,	230.0,	0.0,	1.2);	(	13.0,	230.0,	0.0,	1.2);
(	15.0,	230.0,	0.0,	1.2);	(	17.0,	230.0,	0.0,	1.2);
(	20.0,	230.0,	0.0,	1.2);	(	25.0,	230.0,	0.0,	1.2);
(	30.0,	230.0,	0.0,	1.2);	(	40.0,	230.0,	0.0,	1.2);
(	50.0,	230.0,	0.0,	1.2);	(	60.0,	230.0,	0.0,	1.2);
(	70.0,	230.0,	0.0,	1.2);	(	80.0,	230.0,	0.0,	1.2);
(	90.0,	230.0,	0.0,	1.2);	(	100.0,	230.0,	0.0,	1.2);
(	-100.0,	240.0,	0.0,	1.2);	(	-90.0,	240.0,	0.0,	1.2);
(	-80.0,	240.0,	0.0,	1.2);	(	-70.0,	240.0,	0.0,	1.2);
(	-60.0,	240.0,	0.0,	1.2);	(	-50.0,	240.0,	0.0,	1.2);
(	-40.0,	240.0,	0.0,	1.2);	(	-30.0,	240.0,	0.0,	1.2);
(	-25.0,	240.0,	0.0,	1.2);	(	-20.0,	240.0,	0.0,	1.2);
(	-17.0,	240.0,	0.0,	1.2);	(	-15.0,	240.0,	0.0,	1.2);
(	-13.0,	240.0,	0.0,	1.2);	(	-11.0,	240.0,	0.0,	1.2);
(	-9.0,	240.0,	0.0,	1.2);	(	9.0,	240.0,	0.0,	1.2);
(	11.0,	240.0,	0.0,	1.2);	(	13.0,	240.0,	0.0,	1.2);
(	15.0,	240.0,	0.0,	1.2);	(	17.0,	240.0,	0.0,	1.2);
(	20.0,	240.0,	0.0,	1.2);	(	25.0,	240.0,	0.0,	1.2);
(	30.0,	240.0,	0.0,	1.2);	(	40.0,	240.0,	0.0,	1.2);
(	50.0,	240.0,	0.0,	1.2);	(	60.0,	240.0,	0.0,	1.2);
(	70.0,	240.0,	0.0,	1.2);	(	80.0,	240.0,	0.0,	1.2);
(	90.0,	240.0,	0.0,	1.2);	(	100.0,	240.0,	0.0,	1.2);
(	-100.0,	250.0,	0.0,	1.2);	(	-90.0,	250.0,	0.0,	1.2);
(	-80.0,	250.0,	0.0,	1.2);	(	-70.0,	250.0,	0.0,	1.2);
(	-60.0,	250.0,	0.0,	1.2);	(	-50.0,	250.0,	0.0,	1.2);
(	-40.0,	250.0,	0.0,	1.2);	(	-30.0,	250.0,	0.0,	1.2);
(	-25.0,	250.0,	0.0,	1.2);	(	-20.0,	250.0,	0.0,	1.2);
(	-17.0,	250.0,	0.0,	1.2);	(	-15.0,	250.0,	0.0,	1.2);
(	-13.0,	250.0,	0.0,	1.2);	(	-11.0,	250.0,	0.0,	1.2);
(	-9.0,	250.0,	0.0,	1.2);	(	9.0,	250.0,	0.0,	1.2);
(	11.0,	250.0,	0.0,	1.2);	(	13.0,	250.0,	0.0,	1.2);
(	15.0,	250.0,	0.0,	1.2);	(	17.0,	250.0,	0.0,	1.2);
(	20.0,	250.0,	0.0,	1.2);	(	25.0,	250.0,	0.0,	1.2);
(	30.0,	250.0,	0.0,	1.2);	(	40.0,	250.0,	0.0,	1.2);
(	50.0,	250.0,	0.0,	1.2);	(	60.0,	250.0,	0.0,	1.2);
(	70.0,	250.0,	0.0,	1.2);	(	80.0,	250.0,	0.0,	1.2);
(	90.0,	250.0,	0.0,	1.2);	(	100.0,	250.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
 PAGE 21
 CONC

URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
 (1=YES; 0=NO)

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

Grid of 1's representing meteorological data points across various categories and locations.

METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 2000 1 1 1
AND END DATE: 2000 12 31 24

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

Table with columns: STABILITY CATEGORY, WIND SPEED CATEGORY (1-6), and numerical values for categories A-F.

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

Table with columns: STABILITY CATEGORY, WIND SPEED CATEGORY (1-6), and numerical values for categories A-F.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at North/South Bound Direction ***
16:46:52
**MODELOPTS:
PAGE 22
CONC URBAN FLAT FLGPOL DFAULT

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: C:\NCRA\Modeling\Met Data\Napa\NAP003RA.ASC

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)

SURFACE STATION NO.: 4901
NAME: UNKNOWN

UPPER AIR STATION NO.: 4901
NAME: UNKNOWN

YEAR: 2000

YEAR: 2000

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
00	01	01	01	182.9	1.52	279.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	02	210.0	1.65	278.7	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	03	199.7	1.34	278.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	04	201.1	1.21	279.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	05	189.9	1.00	278.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	06	231.5	1.65	278.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	07	158.6	1.65	278.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	08	205.5	1.25	277.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	09	90.3	1.00	277.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	10	197.9	1.00	279.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	11	151.5	1.43	281.1	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	12	123.0	1.21	282.2	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	13	46.8	1.70	282.9	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	14	28.8	2.19	284.3	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	15	83.0	3.80	285.7	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	16	71.2	3.08	284.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	17	93.6	3.40	284.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	18	88.3	4.16	284.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	19	117.4	2.82	283.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	20	123.8	1.70	283.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	21	248.8	1.30	279.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	22	248.5	1.12	277.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	23	253.2	1.07	276.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	24	233.2	1.43	275.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:
PAGE 23

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00013	-90.00	-250.00	0.00013
-80.00	-250.00	0.00013	-70.00	-250.00	0.00013
-60.00	-250.00	0.00013	-50.00	-250.00	0.00012
-40.00	-250.00	0.00012	-30.00	-250.00	0.00012
-25.00	-250.00	0.00011	-20.00	-250.00	0.00011
-17.00	-250.00	0.00011	-15.00	-250.00	0.00011
-13.00	-250.00	0.00011	-11.00	-250.00	0.00011
-9.00	-250.00	0.00011	9.00	-250.00	0.00010
11.00	-250.00	0.00010	13.00	-250.00	0.00010
15.00	-250.00	0.00010	17.00	-250.00	0.00009
20.00	-250.00	0.00009	25.00	-250.00	0.00009
30.00	-250.00	0.00009	40.00	-250.00	0.00008
50.00	-250.00	0.00008	60.00	-250.00	0.00008
70.00	-250.00	0.00007	80.00	-250.00	0.00007
90.00	-250.00	0.00007	100.00	-250.00	0.00007
-100.00	-240.00	0.00014	-90.00	-240.00	0.00014
-80.00	-240.00	0.00014	-70.00	-240.00	0.00014

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-60.00	-240.00	0.00013	-50.00	-240.00	0.00013
-40.00	-240.00	0.00013	-30.00	-240.00	0.00012
-25.00	-240.00	0.00012	-20.00	-240.00	0.00012
-17.00	-240.00	0.00012	-15.00	-240.00	0.00011
-13.00	-240.00	0.00011	-11.00	-240.00	0.00011
-9.00	-240.00	0.00011	9.00	-240.00	0.00010
11.00	-240.00	0.00010	13.00	-240.00	0.00010
15.00	-240.00	0.00010	17.00	-240.00	0.00010
20.00	-240.00	0.00010	25.00	-240.00	0.00009
30.00	-240.00	0.00009	40.00	-240.00	0.00009
50.00	-240.00	0.00008	60.00	-240.00	0.00008
70.00	-240.00	0.00008	80.00	-240.00	0.00007
90.00	-240.00	0.00007	100.00	-240.00	0.00007
-100.00	-230.00	0.00015	-90.00	-230.00	0.00015
-80.00	-230.00	0.00014	-70.00	-230.00	0.00014
-60.00	-230.00	0.00014	-50.00	-230.00	0.00014
-40.00	-230.00	0.00013	-30.00	-230.00	0.00013
-25.00	-230.00	0.00012	-20.00	-230.00	0.00012
-17.00	-230.00	0.00012	-15.00	-230.00	0.00012
-13.00	-230.00	0.00012	-11.00	-230.00	0.00012
-9.00	-230.00	0.00012	9.00	-230.00	0.00011
11.00	-230.00	0.00011	13.00	-230.00	0.00010
15.00	-230.00	0.00010	17.00	-230.00	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTS:
 PAGE 24

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00010	25.00	-230.00	0.00010
30.00	-230.00	0.00010	40.00	-230.00	0.00009
50.00	-230.00	0.00009	60.00	-230.00	0.00008
70.00	-230.00	0.00008	80.00	-230.00	0.00008
90.00	-230.00	0.00007	100.00	-230.00	0.00007
-100.00	-220.00	0.00016	-90.00	-220.00	0.00015
-80.00	-220.00	0.00015	-70.00	-220.00	0.00015
-60.00	-220.00	0.00015	-50.00	-220.00	0.00014
-40.00	-220.00	0.00014	-30.00	-220.00	0.00013
-25.00	-220.00	0.00013	-20.00	-220.00	0.00013
-17.00	-220.00	0.00013	-15.00	-220.00	0.00013

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-13.00	-220.00	0.00012	-11.00	-220.00	0.00012
-9.00	-220.00	0.00012	9.00	-220.00	0.00011
11.00	-220.00	0.00011	13.00	-220.00	0.00011
15.00	-220.00	0.00011	17.00	-220.00	0.00011
20.00	-220.00	0.00011	25.00	-220.00	0.00010
30.00	-220.00	0.00010	40.00	-220.00	0.00009
50.00	-220.00	0.00009	60.00	-220.00	0.00009
70.00	-220.00	0.00008	80.00	-220.00	0.00008
90.00	-220.00	0.00008	100.00	-220.00	0.00007
-100.00	-210.00	0.00016	-90.00	-210.00	0.00016
-80.00	-210.00	0.00016	-70.00	-210.00	0.00016
-60.00	-210.00	0.00015	-50.00	-210.00	0.00015
-40.00	-210.00	0.00014	-30.00	-210.00	0.00014
-25.00	-210.00	0.00014	-20.00	-210.00	0.00013
-17.00	-210.00	0.00013	-15.00	-210.00	0.00013
-13.00	-210.00	0.00013	-11.00	-210.00	0.00013
-9.00	-210.00	0.00013	9.00	-210.00	0.00012
11.00	-210.00	0.00012	13.00	-210.00	0.00011
15.00	-210.00	0.00011	17.00	-210.00	0.00011
20.00	-210.00	0.00011	25.00	-210.00	0.00011
30.00	-210.00	0.00010	40.00	-210.00	0.00010
50.00	-210.00	0.00009	60.00	-210.00	0.00009
70.00	-210.00	0.00009	80.00	-210.00	0.00008
90.00	-210.00	0.00008	100.00	-210.00	0.00007
-100.00	-200.00	0.00017	-90.00	-200.00	0.00017
-80.00	-200.00	0.00017	-70.00	-200.00	0.00016
-60.00	-200.00	0.00016	-50.00	-200.00	0.00016
-40.00	-200.00	0.00015	-30.00	-200.00	0.00015
-25.00	-200.00	0.00014	-20.00	-200.00	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTS:
 PAGE 25
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00014	-15.00	-200.00	0.00014
-13.00	-200.00	0.00014	-11.00	-200.00	0.00014
-9.00	-200.00	0.00013	9.00	-200.00	0.00012
11.00	-200.00	0.00012	13.00	-200.00	0.00012
15.00	-200.00	0.00012	17.00	-200.00	0.00012

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

20.00	-200.00	0.00011	25.00	-200.00	0.00011
30.00	-200.00	0.00011	40.00	-200.00	0.00010
50.00	-200.00	0.00010	60.00	-200.00	0.00009
70.00	-200.00	0.00009	80.00	-200.00	0.00009
90.00	-200.00	0.00008	100.00	-200.00	0.00008
-100.00	-190.00	0.00018	-90.00	-190.00	0.00018
-80.00	-190.00	0.00018	-70.00	-190.00	0.00017
-60.00	-190.00	0.00017	-50.00	-190.00	0.00017
-40.00	-190.00	0.00016	-30.00	-190.00	0.00015
-25.00	-190.00	0.00015	-20.00	-190.00	0.00015
-17.00	-190.00	0.00015	-15.00	-190.00	0.00015
-13.00	-190.00	0.00014	-11.00	-190.00	0.00014
-9.00	-190.00	0.00014	9.00	-190.00	0.00013
11.00	-190.00	0.00013	13.00	-190.00	0.00013
15.00	-190.00	0.00012	17.00	-190.00	0.00012
20.00	-190.00	0.00012	25.00	-190.00	0.00012
30.00	-190.00	0.00011	40.00	-190.00	0.00011
50.00	-190.00	0.00010	60.00	-190.00	0.00010
70.00	-190.00	0.00009	80.00	-190.00	0.00009
90.00	-190.00	0.00008	100.00	-190.00	0.00008
-100.00	-180.00	0.00019	-90.00	-180.00	0.00019
-80.00	-180.00	0.00019	-70.00	-180.00	0.00018
-60.00	-180.00	0.00018	-50.00	-180.00	0.00017
-40.00	-180.00	0.00017	-30.00	-180.00	0.00016
-25.00	-180.00	0.00016	-20.00	-180.00	0.00016
-17.00	-180.00	0.00015	-15.00	-180.00	0.00015
-13.00	-180.00	0.00015	-11.00	-180.00	0.00015
-9.00	-180.00	0.00015	9.00	-180.00	0.00013
11.00	-180.00	0.00013	13.00	-180.00	0.00013
15.00	-180.00	0.00013	17.00	-180.00	0.00013
20.00	-180.00	0.00013	25.00	-180.00	0.00012
30.00	-180.00	0.00012	40.00	-180.00	0.00011
50.00	-180.00	0.00011	60.00	-180.00	0.00010
70.00	-180.00	0.00010	80.00	-180.00	0.00009
90.00	-180.00	0.00009	100.00	-180.00	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***
 16:46:52
 **MODELOPTS:
 PAGE 26
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00020	-90.00	-170.00	0.00020
-80.00	-170.00	0.00020	-70.00	-170.00	0.00019
-60.00	-170.00	0.00019	-50.00	-170.00	0.00018
-40.00	-170.00	0.00018	-30.00	-170.00	0.00017
-25.00	-170.00	0.00017	-20.00	-170.00	0.00017
-17.00	-170.00	0.00016	-15.00	-170.00	0.00016
-13.00	-170.00	0.00016	-11.00	-170.00	0.00016
-9.00	-170.00	0.00016	9.00	-170.00	0.00014
11.00	-170.00	0.00014	13.00	-170.00	0.00014
15.00	-170.00	0.00014	17.00	-170.00	0.00013
20.00	-170.00	0.00013	25.00	-170.00	0.00013
30.00	-170.00	0.00012	40.00	-170.00	0.00012
50.00	-170.00	0.00011	60.00	-170.00	0.00011
70.00	-170.00	0.00010	80.00	-170.00	0.00010
90.00	-170.00	0.00009	100.00	-170.00	0.00009
-100.00	-160.00	0.00021	-90.00	-160.00	0.00021
-80.00	-160.00	0.00021	-70.00	-160.00	0.00020
-60.00	-160.00	0.00020	-50.00	-160.00	0.00020
-40.00	-160.00	0.00019	-30.00	-160.00	0.00018
-25.00	-160.00	0.00018	-20.00	-160.00	0.00017
-17.00	-160.00	0.00017	-15.00	-160.00	0.00017
-13.00	-160.00	0.00017	-11.00	-160.00	0.00017
-9.00	-160.00	0.00017	9.00	-160.00	0.00015
11.00	-160.00	0.00015	13.00	-160.00	0.00015
15.00	-160.00	0.00014	17.00	-160.00	0.00014
20.00	-160.00	0.00014	25.00	-160.00	0.00014
30.00	-160.00	0.00013	40.00	-160.00	0.00012
50.00	-160.00	0.00012	60.00	-160.00	0.00011
70.00	-160.00	0.00011	80.00	-160.00	0.00010
90.00	-160.00	0.00009	100.00	-160.00	0.00009
-100.00	-150.00	0.00022	-90.00	-150.00	0.00022
-80.00	-150.00	0.00022	-70.00	-150.00	0.00022
-60.00	-150.00	0.00021	-50.00	-150.00	0.00021
-40.00	-150.00	0.00020	-30.00	-150.00	0.00019
-25.00	-150.00	0.00019	-20.00	-150.00	0.00019
-17.00	-150.00	0.00018	-15.00	-150.00	0.00018
-13.00	-150.00	0.00018	-11.00	-150.00	0.00018
-9.00	-150.00	0.00017	9.00	-150.00	0.00016
11.00	-150.00	0.00016	13.00	-150.00	0.00015
15.00	-150.00	0.00015	17.00	-150.00	0.00015

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:46:52

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00015	25.00	-150.00	0.00014
30.00	-150.00	0.00014	40.00	-150.00	0.00013
50.00	-150.00	0.00012	60.00	-150.00	0.00012
70.00	-150.00	0.00011	80.00	-150.00	0.00010
90.00	-150.00	0.00010	100.00	-150.00	0.00009
-100.00	-140.00	0.00024	-90.00	-140.00	0.00024
-80.00	-140.00	0.00023	-70.00	-140.00	0.00023
-60.00	-140.00	0.00023	-50.00	-140.00	0.00022
-40.00	-140.00	0.00021	-30.00	-140.00	0.00021
-25.00	-140.00	0.00020	-20.00	-140.00	0.00020
-17.00	-140.00	0.00019	-15.00	-140.00	0.00019
-13.00	-140.00	0.00019	-11.00	-140.00	0.00019
-9.00	-140.00	0.00019	9.00	-140.00	0.00017
11.00	-140.00	0.00016	13.00	-140.00	0.00016
15.00	-140.00	0.00016	17.00	-140.00	0.00016
20.00	-140.00	0.00015	25.00	-140.00	0.00015
30.00	-140.00	0.00014	40.00	-140.00	0.00014
50.00	-140.00	0.00013	60.00	-140.00	0.00012
70.00	-140.00	0.00011	80.00	-140.00	0.00011
90.00	-140.00	0.00010	100.00	-140.00	0.00010
-100.00	-130.00	0.00025	-90.00	-130.00	0.00025
-80.00	-130.00	0.00025	-70.00	-130.00	0.00024
-60.00	-130.00	0.00024	-50.00	-130.00	0.00023
-40.00	-130.00	0.00023	-30.00	-130.00	0.00022
-25.00	-130.00	0.00021	-20.00	-130.00	0.00021
-17.00	-130.00	0.00021	-15.00	-130.00	0.00020
-13.00	-130.00	0.00020	-11.00	-130.00	0.00020
-9.00	-130.00	0.00020	9.00	-130.00	0.00018
11.00	-130.00	0.00017	13.00	-130.00	0.00017
15.00	-130.00	0.00017	17.00	-130.00	0.00017
20.00	-130.00	0.00016	25.00	-130.00	0.00016
30.00	-130.00	0.00015	40.00	-130.00	0.00014
50.00	-130.00	0.00013	60.00	-130.00	0.00013
70.00	-130.00	0.00012	80.00	-130.00	0.00011
90.00	-130.00	0.00011	100.00	-130.00	0.00010
-100.00	-120.00	0.00027	-90.00	-120.00	0.00027
-80.00	-120.00	0.00026	-70.00	-120.00	0.00026

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-60.00	-120.00	0.00026	-50.00	-120.00	0.00025
-40.00	-120.00	0.00024	-30.00	-120.00	0.00023
-25.00	-120.00	0.00023	-20.00	-120.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

PAGE 28

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00022	-15.00	-120.00	0.00022
-13.00	-120.00	0.00021	-11.00	-120.00	0.00021
-9.00	-120.00	0.00021	9.00	-120.00	0.00019
11.00	-120.00	0.00018	13.00	-120.00	0.00018
15.00	-120.00	0.00018	17.00	-120.00	0.00018
20.00	-120.00	0.00017	25.00	-120.00	0.00017
30.00	-120.00	0.00016	40.00	-120.00	0.00015
50.00	-120.00	0.00014	60.00	-120.00	0.00013
70.00	-120.00	0.00013	80.00	-120.00	0.00012
90.00	-120.00	0.00011	100.00	-120.00	0.00010
-100.00	-110.00	0.00028	-90.00	-110.00	0.00028
-80.00	-110.00	0.00028	-70.00	-110.00	0.00028
-60.00	-110.00	0.00027	-50.00	-110.00	0.00027
-40.00	-110.00	0.00026	-30.00	-110.00	0.00025
-25.00	-110.00	0.00024	-20.00	-110.00	0.00024
-17.00	-110.00	0.00023	-15.00	-110.00	0.00023
-13.00	-110.00	0.00023	-11.00	-110.00	0.00023
-9.00	-110.00	0.00022	9.00	-110.00	0.00020
11.00	-110.00	0.00020	13.00	-110.00	0.00019
15.00	-110.00	0.00019	17.00	-110.00	0.00019
20.00	-110.00	0.00018	25.00	-110.00	0.00018
30.00	-110.00	0.00017	40.00	-110.00	0.00016
50.00	-110.00	0.00015	60.00	-110.00	0.00014
70.00	-110.00	0.00013	80.00	-110.00	0.00012
90.00	-110.00	0.00012	100.00	-110.00	0.00011
-100.00	-100.00	0.00030	-90.00	-100.00	0.00030
-80.00	-100.00	0.00030	-70.00	-100.00	0.00030
-60.00	-100.00	0.00029	-50.00	-100.00	0.00029
-40.00	-100.00	0.00028	-30.00	-100.00	0.00027
-25.00	-100.00	0.00026	-20.00	-100.00	0.00026
-17.00	-100.00	0.00025	-15.00	-100.00	0.00025

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-13.00	-100.00	0.00025	-11.00	-100.00	0.00024
-9.00	-100.00	0.00024	9.00	-100.00	0.00021
11.00	-100.00	0.00021	13.00	-100.00	0.00020
15.00	-100.00	0.00020	17.00	-100.00	0.00020
20.00	-100.00	0.00019	25.00	-100.00	0.00019
30.00	-100.00	0.00018	40.00	-100.00	0.00017
50.00	-100.00	0.00016	60.00	-100.00	0.00015
70.00	-100.00	0.00014	80.00	-100.00	0.00013
90.00	-100.00	0.00012	100.00	-100.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00032	-90.00	-90.00	0.00032
-80.00	-90.00	0.00032	-70.00	-90.00	0.00032
-60.00	-90.00	0.00031	-50.00	-90.00	0.00031
-40.00	-90.00	0.00030	-30.00	-90.00	0.00029
-25.00	-90.00	0.00028	-20.00	-90.00	0.00027
-17.00	-90.00	0.00027	-15.00	-90.00	0.00027
-13.00	-90.00	0.00026	-11.00	-90.00	0.00026
-9.00	-90.00	0.00026	9.00	-90.00	0.00022
11.00	-90.00	0.00022	13.00	-90.00	0.00022
15.00	-90.00	0.00021	17.00	-90.00	0.00021
20.00	-90.00	0.00021	25.00	-90.00	0.00020
30.00	-90.00	0.00019	40.00	-90.00	0.00018
50.00	-90.00	0.00017	60.00	-90.00	0.00016
70.00	-90.00	0.00015	80.00	-90.00	0.00014
90.00	-90.00	0.00013	100.00	-90.00	0.00012
-100.00	-80.00	0.00034	-90.00	-80.00	0.00035
-80.00	-80.00	0.00035	-70.00	-80.00	0.00034
-60.00	-80.00	0.00034	-50.00	-80.00	0.00033
-40.00	-80.00	0.00032	-30.00	-80.00	0.00031
-25.00	-80.00	0.00030	-20.00	-80.00	0.00030
-17.00	-80.00	0.00029	-15.00	-80.00	0.00029
-13.00	-80.00	0.00028	-11.00	-80.00	0.00028
-9.00	-80.00	0.00028	9.00	-80.00	0.00024
11.00	-80.00	0.00024	13.00	-80.00	0.00023
15.00	-80.00	0.00023	17.00	-80.00	0.00023

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

20.00	-80.00	0.00022	25.00	-80.00	0.00021
30.00	-80.00	0.00020	40.00	-80.00	0.00019
50.00	-80.00	0.00018	60.00	-80.00	0.00016
70.00	-80.00	0.00015	80.00	-80.00	0.00014
90.00	-80.00	0.00013	100.00	-80.00	0.00012
-100.00	-70.00	0.00036	-90.00	-70.00	0.00037
-80.00	-70.00	0.00037	-70.00	-70.00	0.00037
-60.00	-70.00	0.00037	-50.00	-70.00	0.00036
-40.00	-70.00	0.00035	-30.00	-70.00	0.00034
-25.00	-70.00	0.00033	-20.00	-70.00	0.00032
-17.00	-70.00	0.00031	-15.00	-70.00	0.00031
-13.00	-70.00	0.00031	-11.00	-70.00	0.00030
-9.00	-70.00	0.00030	9.00	-70.00	0.00026
11.00	-70.00	0.00025	13.00	-70.00	0.00025
15.00	-70.00	0.00025	17.00	-70.00	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00024	25.00	-70.00	0.00023
30.00	-70.00	0.00022	40.00	-70.00	0.00020
50.00	-70.00	0.00019	60.00	-70.00	0.00017
70.00	-70.00	0.00016	80.00	-70.00	0.00015
90.00	-70.00	0.00014	100.00	-70.00	0.00013
-100.00	-60.00	0.00039	-90.00	-60.00	0.00040
-80.00	-60.00	0.00040	-70.00	-60.00	0.00040
-60.00	-60.00	0.00040	-50.00	-60.00	0.00039
-40.00	-60.00	0.00038	-30.00	-60.00	0.00036
-25.00	-60.00	0.00036	-20.00	-60.00	0.00035
-17.00	-60.00	0.00034	-15.00	-60.00	0.00033
-13.00	-60.00	0.00033	-11.00	-60.00	0.00033
-9.00	-60.00	0.00032	9.00	-60.00	0.00028
11.00	-60.00	0.00027	13.00	-60.00	0.00027
15.00	-60.00	0.00026	17.00	-60.00	0.00026
20.00	-60.00	0.00025	25.00	-60.00	0.00024
30.00	-60.00	0.00023	40.00	-60.00	0.00021
50.00	-60.00	0.00020	60.00	-60.00	0.00018
70.00	-60.00	0.00017	80.00	-60.00	0.00016

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

90.00	-60.00	0.00015	100.00	-60.00	0.00013
-100.00	-50.00	0.00041	-90.00	-50.00	0.00043
-80.00	-50.00	0.00043	-70.00	-50.00	0.00044
-60.00	-50.00	0.00043	-50.00	-50.00	0.00042
-40.00	-50.00	0.00041	-30.00	-50.00	0.00040
-25.00	-50.00	0.00039	-20.00	-50.00	0.00038
-17.00	-50.00	0.00037	-15.00	-50.00	0.00036
-13.00	-50.00	0.00036	-11.00	-50.00	0.00035
-9.00	-50.00	0.00035	9.00	-50.00	0.00030
11.00	-50.00	0.00029	13.00	-50.00	0.00029
15.00	-50.00	0.00028	17.00	-50.00	0.00028
20.00	-50.00	0.00027	25.00	-50.00	0.00026
30.00	-50.00	0.00025	40.00	-50.00	0.00023
50.00	-50.00	0.00021	60.00	-50.00	0.00020
70.00	-50.00	0.00018	80.00	-50.00	0.00017
90.00	-50.00	0.00015	100.00	-50.00	0.00014
-100.00	-40.00	0.00044	-90.00	-40.00	0.00046
-80.00	-40.00	0.00047	-70.00	-40.00	0.00047
-60.00	-40.00	0.00047	-50.00	-40.00	0.00046
-40.00	-40.00	0.00045	-30.00	-40.00	0.00043
-25.00	-40.00	0.00042	-20.00	-40.00	0.00041

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
 PAGE 31
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00040	-15.00	-40.00	0.00040
-13.00	-40.00	0.00039	-11.00	-40.00	0.00039
-9.00	-40.00	0.00038	9.00	-40.00	0.00032
11.00	-40.00	0.00032	13.00	-40.00	0.00031
15.00	-40.00	0.00031	17.00	-40.00	0.00030
20.00	-40.00	0.00029	25.00	-40.00	0.00028
30.00	-40.00	0.00027	40.00	-40.00	0.00024
50.00	-40.00	0.00023	60.00	-40.00	0.00021
70.00	-40.00	0.00019	80.00	-40.00	0.00017
90.00	-40.00	0.00016	100.00	-40.00	0.00015
-100.00	-30.00	0.00047	-90.00	-30.00	0.00049
-80.00	-30.00	0.00051	-70.00	-30.00	0.00051
-60.00	-30.00	0.00051	-50.00	-30.00	0.00051

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-40.00	-30.00	0.00049	-30.00	-30.00	0.00047
-25.00	-30.00	0.00046	-20.00	-30.00	0.00045
-17.00	-30.00	0.00044	-15.00	-30.00	0.00044
-13.00	-30.00	0.00043	-11.00	-30.00	0.00042
-9.00	-30.00	0.00042	9.00	-30.00	0.00035
11.00	-30.00	0.00034	13.00	-30.00	0.00034
15.00	-30.00	0.00033	17.00	-30.00	0.00032
20.00	-30.00	0.00032	25.00	-30.00	0.00030
30.00	-30.00	0.00029	40.00	-30.00	0.00026
50.00	-30.00	0.00024	60.00	-30.00	0.00022
70.00	-30.00	0.00020	80.00	-30.00	0.00018
90.00	-30.00	0.00017	100.00	-30.00	0.00015
-100.00	-20.00	0.00050	-90.00	-20.00	0.00053
-80.00	-20.00	0.00055	-70.00	-20.00	0.00056
-60.00	-20.00	0.00056	-50.00	-20.00	0.00056
-40.00	-20.00	0.00054	-30.00	-20.00	0.00052
-25.00	-20.00	0.00051	-20.00	-20.00	0.00050
-17.00	-20.00	0.00049	-15.00	-20.00	0.00048
-13.00	-20.00	0.00047	-11.00	-20.00	0.00046
-9.00	-20.00	0.00046	9.00	-20.00	0.00038
11.00	-20.00	0.00037	13.00	-20.00	0.00037
15.00	-20.00	0.00036	17.00	-20.00	0.00035
20.00	-20.00	0.00034	25.00	-20.00	0.00033
30.00	-20.00	0.00031	40.00	-20.00	0.00028
50.00	-20.00	0.00026	60.00	-20.00	0.00023
70.00	-20.00	0.00021	80.00	-20.00	0.00019
90.00	-20.00	0.00017	100.00	-20.00	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
 PAGE 32

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00054	-90.00	-10.00	0.00057
-80.00	-10.00	0.00059	-70.00	-10.00	0.00061
-60.00	-10.00	0.00062	-50.00	-10.00	0.00061
-40.00	-10.00	0.00060	-30.00	-10.00	0.00058
-25.00	-10.00	0.00057	-20.00	-10.00	0.00055
-17.00	-10.00	0.00054	-15.00	-10.00	0.00053
-13.00	-10.00	0.00052	-11.00	-10.00	0.00051

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-9.00	-10.00	0.00050	9.00	-10.00	0.00042
11.00	-10.00	0.00041	13.00	-10.00	0.00040
15.00	-10.00	0.00039	17.00	-10.00	0.00038
20.00	-10.00	0.00037	25.00	-10.00	0.00035
30.00	-10.00	0.00034	40.00	-10.00	0.00030
50.00	-10.00	0.00028	60.00	-10.00	0.00025
70.00	-10.00	0.00023	80.00	-10.00	0.00020
90.00	-10.00	0.00018	100.00	-10.00	0.00016
-100.00	0.00	0.00057	-90.00	0.00	0.00061
-80.00	0.00	0.00064	-70.00	0.00	0.00067
-60.00	0.00	0.00068	-50.00	0.00	0.00068
-40.00	0.00	0.00067	-30.00	0.00	0.00065
-25.00	0.00	0.00063	-20.00	0.00	0.00061
-17.00	0.00	0.00060	-15.00	0.00	0.00059
-13.00	0.00	0.00058	-11.00	0.00	0.00057
-9.00	0.00	0.00056	9.00	0.00	0.00046
11.00	0.00	0.00045	13.00	0.00	0.00044
15.00	0.00	0.00043	17.00	0.00	0.00042
20.00	0.00	0.00041	25.00	0.00	0.00038
30.00	0.00	0.00036	40.00	0.00	0.00033
50.00	0.00	0.00030	60.00	0.00	0.00027
70.00	0.00	0.00024	80.00	0.00	0.00021
90.00	0.00	0.00019	100.00	0.00	0.00017
-100.00	10.00	0.00061	-90.00	10.00	0.00065
-80.00	10.00	0.00069	-70.00	10.00	0.00073
-60.00	10.00	0.00075	-50.00	10.00	0.00076
-40.00	10.00	0.00075	-30.00	10.00	0.00072
-25.00	10.00	0.00071	-20.00	10.00	0.00069
-17.00	10.00	0.00067	-15.00	10.00	0.00066
-13.00	10.00	0.00065	-11.00	10.00	0.00064
-9.00	10.00	0.00063	9.00	10.00	0.00051
11.00	10.00	0.00050	13.00	10.00	0.00048
15.00	10.00	0.00047	17.00	10.00	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

PAGE 33

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00045	25.00	10.00	0.00042

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

30.00	10.00	0.00040	40.00	10.00	0.00036
50.00	10.00	0.00032	60.00	10.00	0.00028
70.00	10.00	0.00025	80.00	10.00	0.00022
90.00	10.00	0.00020	100.00	10.00	0.00017
-100.00	20.00	0.00065	-90.00	20.00	0.00070
-80.00	20.00	0.00075	-70.00	20.00	0.00080
-60.00	20.00	0.00083	-50.00	20.00	0.00085
-40.00	20.00	0.00084	-30.00	20.00	0.00082
-25.00	20.00	0.00080	-20.00	20.00	0.00077
-17.00	20.00	0.00076	-15.00	20.00	0.00075
-13.00	20.00	0.00073	-11.00	20.00	0.00072
-9.00	20.00	0.00071	9.00	20.00	0.00057
11.00	20.00	0.00055	13.00	20.00	0.00054
15.00	20.00	0.00052	17.00	20.00	0.00051
20.00	20.00	0.00049	25.00	20.00	0.00046
30.00	20.00	0.00043	40.00	20.00	0.00039
50.00	20.00	0.00034	60.00	20.00	0.00030
70.00	20.00	0.00027	80.00	20.00	0.00023
90.00	20.00	0.00020	100.00	20.00	0.00018
-100.00	30.00	0.00070	-90.00	30.00	0.00075
-80.00	30.00	0.00081	-70.00	30.00	0.00087
-60.00	30.00	0.00092	-50.00	30.00	0.00095
-40.00	30.00	0.00095	-30.00	30.00	0.00093
-25.00	30.00	0.00091	-20.00	30.00	0.00088
-17.00	30.00	0.00086	-15.00	30.00	0.00085
-13.00	30.00	0.00083	-11.00	30.00	0.00082
-9.00	30.00	0.00080	9.00	30.00	0.00063
11.00	30.00	0.00061	13.00	30.00	0.00060
15.00	30.00	0.00058	17.00	30.00	0.00056
20.00	30.00	0.00054	25.00	30.00	0.00051
30.00	30.00	0.00048	40.00	30.00	0.00042
50.00	30.00	0.00037	60.00	30.00	0.00032
70.00	30.00	0.00028	80.00	30.00	0.00024
90.00	30.00	0.00021	100.00	30.00	0.00018
-100.00	40.00	0.00075	-90.00	40.00	0.00081
-80.00	40.00	0.00088	-70.00	40.00	0.00095
-60.00	40.00	0.00102	-50.00	40.00	0.00107
-40.00	40.00	0.00108	-30.00	40.00	0.00106
-25.00	40.00	0.00104	-20.00	40.00	0.00101

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00099	-15.00	40.00	0.00097
-13.00	40.00	0.00095	-11.00	40.00	0.00094
-9.00	40.00	0.00092	9.00	40.00	0.00071
11.00	40.00	0.00069	13.00	40.00	0.00067
15.00	40.00	0.00065	17.00	40.00	0.00063
20.00	40.00	0.00060	25.00	40.00	0.00056
30.00	40.00	0.00053	40.00	40.00	0.00046
50.00	40.00	0.00040	60.00	40.00	0.00034
70.00	40.00	0.00029	80.00	40.00	0.00025
90.00	40.00	0.00022	100.00	40.00	0.00019
-100.00	50.00	0.00080	-90.00	50.00	0.00088
-80.00	50.00	0.00096	-70.00	50.00	0.00104
-60.00	50.00	0.00112	-50.00	50.00	0.00120
-40.00	50.00	0.00124	-30.00	50.00	0.00123
-25.00	50.00	0.00120	-20.00	50.00	0.00117
-17.00	50.00	0.00114	-15.00	50.00	0.00112
-13.00	50.00	0.00110	-11.00	50.00	0.00108
-9.00	50.00	0.00106	9.00	50.00	0.00080
11.00	50.00	0.00078	13.00	50.00	0.00075
15.00	50.00	0.00073	17.00	50.00	0.00071
20.00	50.00	0.00067	25.00	50.00	0.00063
30.00	50.00	0.00058	40.00	50.00	0.00050
50.00	50.00	0.00043	60.00	50.00	0.00036
70.00	50.00	0.00031	80.00	50.00	0.00026
90.00	50.00	0.00022	100.00	50.00	0.00019
-100.00	60.00	0.00086	-90.00	60.00	0.00095
-80.00	60.00	0.00104	-70.00	60.00	0.00114
-60.00	60.00	0.00124	-50.00	60.00	0.00134
-40.00	60.00	0.00141	-30.00	60.00	0.00142
-25.00	60.00	0.00140	-20.00	60.00	0.00137
-17.00	60.00	0.00134	-15.00	60.00	0.00131
-13.00	60.00	0.00129	-11.00	60.00	0.00126
-9.00	60.00	0.00123	9.00	60.00	0.00091
11.00	60.00	0.00088	13.00	60.00	0.00085
15.00	60.00	0.00082	17.00	60.00	0.00080
20.00	60.00	0.00076	25.00	60.00	0.00070
30.00	60.00	0.00064	40.00	60.00	0.00054
50.00	60.00	0.00046	60.00	60.00	0.00038
70.00	60.00	0.00032	80.00	60.00	0.00027

90.00 60.00 0.00023 100.00 60.00 0.00020

1 *** ISCST3 - VERSION 02035 *** 04/20/08
 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00093	-90.00	70.00	0.00102
-80.00	70.00	0.00113	-70.00	70.00	0.00125
-60.00	70.00	0.00137	-50.00	70.00	0.00150
-40.00	70.00	0.00161	-30.00	70.00	0.00166
-25.00	70.00	0.00165	-20.00	70.00	0.00161
-17.00	70.00	0.00158	-15.00	70.00	0.00156
-13.00	70.00	0.00153	-11.00	70.00	0.00149
-9.00	70.00	0.00146	9.00	70.00	0.00105
11.00	70.00	0.00101	13.00	70.00	0.00097
15.00	70.00	0.00093	17.00	70.00	0.00090
20.00	70.00	0.00085	25.00	70.00	0.00078
30.00	70.00	0.00071	40.00	70.00	0.00059
50.00	70.00	0.00049	60.00	70.00	0.00040
70.00	70.00	0.00033	80.00	70.00	0.00028
90.00	70.00	0.00024	100.00	70.00	0.00021
-100.00	80.00	0.00099	-90.00	80.00	0.00110
-80.00	80.00	0.00122	-70.00	80.00	0.00136
-60.00	80.00	0.00152	-50.00	80.00	0.00169
-40.00	80.00	0.00184	-30.00	80.00	0.00194
-25.00	80.00	0.00195	-20.00	80.00	0.00193
-17.00	80.00	0.00189	-15.00	80.00	0.00186
-13.00	80.00	0.00183	-11.00	80.00	0.00179
-9.00	80.00	0.00174	9.00	80.00	0.00121
11.00	80.00	0.00116	13.00	80.00	0.00111
15.00	80.00	0.00107	17.00	80.00	0.00102
20.00	80.00	0.00096	25.00	80.00	0.00087
30.00	80.00	0.00079	40.00	80.00	0.00064
50.00	80.00	0.00051	60.00	80.00	0.00042
70.00	80.00	0.00035	80.00	80.00	0.00029
90.00	80.00	0.00025	100.00	80.00	0.00022
-100.00	90.00	0.00106	-90.00	90.00	0.00118
-80.00	90.00	0.00133	-70.00	90.00	0.00149
-60.00	90.00	0.00168	-50.00	90.00	0.00189

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-40.00	90.00	0.00210	-30.00	90.00	0.00227
-25.00	90.00	0.00232	-20.00	90.00	0.00232
-17.00	90.00	0.00229	-15.00	90.00	0.00226
-13.00	90.00	0.00222	-11.00	90.00	0.00217
-9.00	90.00	0.00211	9.00	90.00	0.00141
11.00	90.00	0.00134	13.00	90.00	0.00128
15.00	90.00	0.00122	17.00	90.00	0.00117

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00109	25.00	90.00	0.00097
30.00	90.00	0.00086	40.00	90.00	0.00068
50.00	90.00	0.00054	60.00	90.00	0.00044
70.00	90.00	0.00036	80.00	90.00	0.00030
90.00	90.00	0.00026	100.00	90.00	0.00023
-100.00	100.00	0.00112	-90.00	100.00	0.00126
-80.00	100.00	0.00143	-70.00	100.00	0.00163
-60.00	100.00	0.00185	-50.00	100.00	0.00211
-40.00	100.00	0.00238	-30.00	100.00	0.00264
-25.00	100.00	0.00273	-20.00	100.00	0.00279
-17.00	100.00	0.00278	-15.00	100.00	0.00276
-13.00	100.00	0.00272	-11.00	100.00	0.00267
-9.00	100.00	0.00260	9.00	100.00	0.00164
11.00	100.00	0.00155	13.00	100.00	0.00147
15.00	100.00	0.00140	17.00	100.00	0.00132
20.00	100.00	0.00122	25.00	100.00	0.00107
30.00	100.00	0.00093	40.00	100.00	0.00072
50.00	100.00	0.00057	60.00	100.00	0.00046
70.00	100.00	0.00038	80.00	100.00	0.00032
90.00	100.00	0.00027	100.00	100.00	0.00024
-100.00	110.00	0.00116	-90.00	110.00	0.00132
-80.00	110.00	0.00152	-70.00	110.00	0.00175
-60.00	110.00	0.00203	-50.00	110.00	0.00234
-40.00	110.00	0.00269	-30.00	110.00	0.00304
-25.00	110.00	0.00320	-20.00	110.00	0.00332
-17.00	110.00	0.00336	-15.00	110.00	0.00337
-13.00	110.00	0.00335	-11.00	110.00	0.00331

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-9.00	110.00	0.00324	9.00	110.00	0.00191
11.00	110.00	0.00179	13.00	110.00	0.00168
15.00	110.00	0.00158	17.00	110.00	0.00148
20.00	110.00	0.00135	25.00	110.00	0.00115
30.00	110.00	0.00100	40.00	110.00	0.00076
50.00	110.00	0.00060	60.00	110.00	0.00048
70.00	110.00	0.00040	80.00	110.00	0.00033
90.00	110.00	0.00028	100.00	110.00	0.00024
-100.00	120.00	0.00118	-90.00	120.00	0.00136
-80.00	120.00	0.00158	-70.00	120.00	0.00184
-60.00	120.00	0.00216	-50.00	120.00	0.00255
-40.00	120.00	0.00299	-30.00	120.00	0.00347
-25.00	120.00	0.00370	-20.00	120.00	0.00391

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00402	-15.00	120.00	0.00407
-13.00	120.00	0.00411	-11.00	120.00	0.00412
-9.00	120.00	0.00408	9.00	120.00	0.00221
11.00	120.00	0.00204	13.00	120.00	0.00188
15.00	120.00	0.00174	17.00	120.00	0.00162
20.00	120.00	0.00145	25.00	120.00	0.00123
30.00	120.00	0.00106	40.00	120.00	0.00080
50.00	120.00	0.00063	60.00	120.00	0.00050
70.00	120.00	0.00041	80.00	120.00	0.00034
90.00	120.00	0.00029	100.00	120.00	0.00025
-100.00	130.00	0.00118	-90.00	130.00	0.00137
-80.00	130.00	0.00160	-70.00	130.00	0.00189
-60.00	130.00	0.00224	-50.00	130.00	0.00267
-40.00	130.00	0.00320	-30.00	130.00	0.00381
-25.00	130.00	0.00414	-20.00	130.00	0.00448
-17.00	130.00	0.00468	-15.00	130.00	0.00481
-13.00	130.00	0.00494	-11.00	130.00	0.00508
-9.00	130.00	0.00521	9.00	130.00	0.00247
11.00	130.00	0.00224	13.00	130.00	0.00204
15.00	130.00	0.00188	17.00	130.00	0.00174
20.00	130.00	0.00156	25.00	130.00	0.00131

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

30.00	130.00	0.00112	40.00	130.00	0.00084
50.00	130.00	0.00066	60.00	130.00	0.00052
70.00	130.00	0.00043	80.00	130.00	0.00036
90.00	130.00	0.00030	100.00	130.00	0.00026
-100.00	140.00	0.00115	-90.00	140.00	0.00134
-80.00	140.00	0.00158	-70.00	140.00	0.00187
-60.00	140.00	0.00223	-50.00	140.00	0.00269
-40.00	140.00	0.00325	-30.00	140.00	0.00393
-25.00	140.00	0.00431	-20.00	140.00	0.00472
-17.00	140.00	0.00499	-15.00	140.00	0.00517
-13.00	140.00	0.00538	-11.00	140.00	0.00562
-9.00	140.00	0.00591	9.00	140.00	0.00292
11.00	140.00	0.00258	13.00	140.00	0.00232
15.00	140.00	0.00212	17.00	140.00	0.00194
20.00	140.00	0.00172	25.00	140.00	0.00144
30.00	140.00	0.00122	40.00	140.00	0.00091
50.00	140.00	0.00070	60.00	140.00	0.00056
70.00	140.00	0.00046	80.00	140.00	0.00038
90.00	140.00	0.00032	100.00	140.00	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00109	-90.00	150.00	0.00128
-80.00	150.00	0.00151	-70.00	150.00	0.00180
-60.00	150.00	0.00217	-50.00	150.00	0.00261
-40.00	150.00	0.00318	-30.00	150.00	0.00387
-25.00	150.00	0.00428	-20.00	150.00	0.00474
-17.00	150.00	0.00504	-15.00	150.00	0.00527
-13.00	150.00	0.00554	-11.00	150.00	0.00588
-9.00	150.00	0.00639	9.00	150.00	0.00395
11.00	150.00	0.00341	13.00	150.00	0.00301
15.00	150.00	0.00269	17.00	150.00	0.00242
20.00	150.00	0.00210	25.00	150.00	0.00170
30.00	150.00	0.00141	40.00	150.00	0.00102
50.00	150.00	0.00077	60.00	150.00	0.00061
70.00	150.00	0.00050	80.00	150.00	0.00041
90.00	150.00	0.00034	100.00	150.00	0.00029

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-100.00	160.00	0.00102	-90.00	160.00	0.00120
-80.00	160.00	0.00142	-70.00	160.00	0.00170
-60.00	160.00	0.00205	-50.00	160.00	0.00249
-40.00	160.00	0.00304	-30.00	160.00	0.00375
-25.00	160.00	0.00419	-20.00	160.00	0.00473
-17.00	160.00	0.00513	-15.00	160.00	0.00546
-13.00	160.00	0.00587	-11.00	160.00	0.00641
-9.00	160.00	0.00716	9.00	160.00	0.00488
11.00	160.00	0.00422	13.00	160.00	0.00372
15.00	160.00	0.00330	17.00	160.00	0.00296
20.00	160.00	0.00254	25.00	160.00	0.00201
30.00	160.00	0.00164	40.00	160.00	0.00116
50.00	160.00	0.00087	60.00	160.00	0.00068
70.00	160.00	0.00054	80.00	160.00	0.00045
90.00	160.00	0.00037	100.00	160.00	0.00031
-100.00	170.00	0.00093	-90.00	170.00	0.00110
-80.00	170.00	0.00131	-70.00	170.00	0.00157
-60.00	170.00	0.00190	-50.00	170.00	0.00233
-40.00	170.00	0.00287	-30.00	170.00	0.00359
-25.00	170.00	0.00408	-20.00	170.00	0.00473
-17.00	170.00	0.00525	-15.00	170.00	0.00570
-13.00	170.00	0.00625	-11.00	170.00	0.00694
-9.00	170.00	0.00785	9.00	170.00	0.00557
11.00	170.00	0.00485	13.00	170.00	0.00428
15.00	170.00	0.00381	17.00	170.00	0.00342

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00293	25.00	170.00	0.00233
30.00	170.00	0.00189	40.00	170.00	0.00132
50.00	170.00	0.00098	60.00	170.00	0.00076
70.00	170.00	0.00060	80.00	170.00	0.00048
90.00	170.00	0.00040	100.00	170.00	0.00033
-100.00	180.00	0.00083	-90.00	180.00	0.00098
-80.00	180.00	0.00117	-70.00	180.00	0.00141
-60.00	180.00	0.00173	-50.00	180.00	0.00213
-40.00	180.00	0.00265	-30.00	180.00	0.00339

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-25.00	180.00	0.00393	-20.00	180.00	0.00469
-17.00	180.00	0.00532	-15.00	180.00	0.00585
-13.00	180.00	0.00650	-11.00	180.00	0.00729
-9.00	180.00	0.00828	9.00	180.00	0.00604
11.00	180.00	0.00529	13.00	180.00	0.00469
15.00	180.00	0.00419	17.00	180.00	0.00376
20.00	180.00	0.00324	25.00	180.00	0.00258
30.00	180.00	0.00211	40.00	180.00	0.00148
50.00	180.00	0.00109	60.00	180.00	0.00083
70.00	180.00	0.00066	80.00	180.00	0.00053
90.00	180.00	0.00043	100.00	180.00	0.00036
-100.00	190.00	0.00073	-90.00	190.00	0.00086
-80.00	190.00	0.00102	-70.00	190.00	0.00124
-60.00	190.00	0.00152	-50.00	190.00	0.00190
-40.00	190.00	0.00240	-30.00	190.00	0.00316
-25.00	190.00	0.00373	-20.00	190.00	0.00455
-17.00	190.00	0.00525	-15.00	190.00	0.00583
-13.00	190.00	0.00653	-11.00	190.00	0.00738
-9.00	190.00	0.00843	9.00	190.00	0.00632
11.00	190.00	0.00556	13.00	190.00	0.00495
15.00	190.00	0.00445	17.00	190.00	0.00401
20.00	190.00	0.00347	25.00	190.00	0.00279
30.00	190.00	0.00230	40.00	190.00	0.00162
50.00	190.00	0.00120	60.00	190.00	0.00091
70.00	190.00	0.00071	80.00	190.00	0.00057
90.00	190.00	0.00046	100.00	190.00	0.00038
-100.00	200.00	0.00064	-90.00	200.00	0.00074
-80.00	200.00	0.00088	-70.00	200.00	0.00106
-60.00	200.00	0.00130	-50.00	200.00	0.00163
-40.00	200.00	0.00211	-30.00	200.00	0.00287
-25.00	200.00	0.00345	-20.00	200.00	0.00431

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00502	-15.00	200.00	0.00561
-13.00	200.00	0.00633	-11.00	200.00	0.00720
-9.00	200.00	0.00827	9.00	200.00	0.00645

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

11.00	200.00	0.00569	13.00	200.00	0.00510
15.00	200.00	0.00460	17.00	200.00	0.00418
20.00	200.00	0.00364	25.00	200.00	0.00296
30.00	200.00	0.00245	40.00	200.00	0.00175
50.00	200.00	0.00129	60.00	200.00	0.00098
70.00	200.00	0.00076	80.00	200.00	0.00061
90.00	200.00	0.00050	100.00	200.00	0.00041
-100.00	210.00	0.00056	-90.00	210.00	0.00065
-80.00	210.00	0.00076	-70.00	210.00	0.00091
-60.00	210.00	0.00111	-50.00	210.00	0.00139
-40.00	210.00	0.00180	-30.00	210.00	0.00252
-25.00	210.00	0.00310	-20.00	210.00	0.00394
-17.00	210.00	0.00464	-15.00	210.00	0.00521
-13.00	210.00	0.00590	-11.00	210.00	0.00674
-9.00	210.00	0.00778	9.00	210.00	0.00646
11.00	210.00	0.00574	13.00	210.00	0.00516
15.00	210.00	0.00470	17.00	210.00	0.00430
20.00	210.00	0.00378	25.00	210.00	0.00309
30.00	210.00	0.00256	40.00	210.00	0.00184
50.00	210.00	0.00137	60.00	210.00	0.00104
70.00	210.00	0.00082	80.00	210.00	0.00065
90.00	210.00	0.00053	100.00	210.00	0.00044
-100.00	220.00	0.00049	-90.00	220.00	0.00056
-80.00	220.00	0.00066	-70.00	220.00	0.00079
-60.00	220.00	0.00096	-50.00	220.00	0.00120
-40.00	220.00	0.00157	-30.00	220.00	0.00222
-25.00	220.00	0.00275	-20.00	220.00	0.00352
-17.00	220.00	0.00415	-15.00	220.00	0.00466
-13.00	220.00	0.00528	-11.00	220.00	0.00602
-9.00	220.00	0.00694	9.00	220.00	0.00644
11.00	220.00	0.00576	13.00	220.00	0.00520
15.00	220.00	0.00475	17.00	220.00	0.00436
20.00	220.00	0.00385	25.00	220.00	0.00317
30.00	220.00	0.00265	40.00	220.00	0.00191
50.00	220.00	0.00143	60.00	220.00	0.00110
70.00	220.00	0.00086	80.00	220.00	0.00069
90.00	220.00	0.00056	100.00	220.00	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

04NCRA_NAPA00-300 DPM TRAV ANN N-S Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00044	-90.00	230.00	0.00051
-80.00	230.00	0.00059	-70.00	230.00	0.00071
-60.00	230.00	0.00086	-50.00	230.00	0.00109
-40.00	230.00	0.00146	-30.00	230.00	0.00210
-25.00	230.00	0.00262	-20.00	230.00	0.00336
-17.00	230.00	0.00394	-15.00	230.00	0.00442
-13.00	230.00	0.00497	-11.00	230.00	0.00562
-9.00	230.00	0.00638	9.00	230.00	0.00610
11.00	230.00	0.00555	13.00	230.00	0.00507
15.00	230.00	0.00465	17.00	230.00	0.00429
20.00	230.00	0.00381	25.00	230.00	0.00316
30.00	230.00	0.00266	40.00	230.00	0.00194
50.00	230.00	0.00146	60.00	230.00	0.00113
70.00	230.00	0.00090	80.00	230.00	0.00072
90.00	230.00	0.00059	100.00	230.00	0.00048
-100.00	240.00	0.00041	-90.00	240.00	0.00047
-80.00	240.00	0.00056	-70.00	240.00	0.00067
-60.00	240.00	0.00082	-50.00	240.00	0.00105
-40.00	240.00	0.00143	-30.00	240.00	0.00209
-25.00	240.00	0.00261	-20.00	240.00	0.00334
-17.00	240.00	0.00391	-15.00	240.00	0.00435
-13.00	240.00	0.00485	-11.00	240.00	0.00540
-9.00	240.00	0.00596	9.00	240.00	0.00511
11.00	240.00	0.00477	13.00	240.00	0.00445
15.00	240.00	0.00416	17.00	240.00	0.00389
20.00	240.00	0.00351	25.00	240.00	0.00299
30.00	240.00	0.00255	40.00	240.00	0.00190
50.00	240.00	0.00145	60.00	240.00	0.00114
70.00	240.00	0.00091	80.00	240.00	0.00073
90.00	240.00	0.00060	100.00	240.00	0.00050
-100.00	250.00	0.00039	-90.00	250.00	0.00045
-80.00	250.00	0.00053	-70.00	250.00	0.00064
-60.00	250.00	0.00079	-50.00	250.00	0.00103
-40.00	250.00	0.00142	-30.00	250.00	0.00208
-25.00	250.00	0.00259	-20.00	250.00	0.00325
-17.00	250.00	0.00374	-15.00	250.00	0.00409
-13.00	250.00	0.00445	-11.00	250.00	0.00480
-9.00	250.00	0.00512	9.00	250.00	0.00420
11.00	250.00	0.00397	13.00	250.00	0.00376
15.00	250.00	0.00356	17.00	250.00	0.00337

04/20/08

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00310	25.00	250.00	0.00270
30.00	250.00	0.00236	40.00	250.00	0.00181
50.00	250.00	0.00141	60.00	250.00	0.00112
70.00	250.00	0.00090	80.00	250.00	0.00074
90.00	250.00	0.00061	100.00	250.00	0.00051

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00021	-90.00	-250.00	0.00021
-80.00	-250.00	0.00021	-70.00	-250.00	0.00020
-60.00	-250.00	0.00020	-50.00	-250.00	0.00020
-40.00	-250.00	0.00019	-30.00	-250.00	0.00018
-25.00	-250.00	0.00018	-20.00	-250.00	0.00017
-17.00	-250.00	0.00017	-15.00	-250.00	0.00017
-13.00	-250.00	0.00017	-11.00	-250.00	0.00017
-9.00	-250.00	0.00017	9.00	-250.00	0.00015
11.00	-250.00	0.00015	13.00	-250.00	0.00015
15.00	-250.00	0.00014	17.00	-250.00	0.00014
20.00	-250.00	0.00014	25.00	-250.00	0.00014
30.00	-250.00	0.00013	40.00	-250.00	0.00012
50.00	-250.00	0.00012	60.00	-250.00	0.00011
70.00	-250.00	0.00011	80.00	-250.00	0.00010
90.00	-250.00	0.00009	100.00	-250.00	0.00009
-100.00	-240.00	0.00022	-90.00	-240.00	0.00022
-80.00	-240.00	0.00022	-70.00	-240.00	0.00022
-60.00	-240.00	0.00021	-50.00	-240.00	0.00021
-40.00	-240.00	0.00020	-30.00	-240.00	0.00019
-25.00	-240.00	0.00019	-20.00	-240.00	0.00019

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-17.00	-240.00	0.00018	-15.00	-240.00	0.00018
-13.00	-240.00	0.00018	-11.00	-240.00	0.00018
-9.00	-240.00	0.00017	9.00	-240.00	0.00016
11.00	-240.00	0.00016	13.00	-240.00	0.00015
15.00	-240.00	0.00015	17.00	-240.00	0.00015
20.00	-240.00	0.00015	25.00	-240.00	0.00014
30.00	-240.00	0.00014	40.00	-240.00	0.00013
50.00	-240.00	0.00012	60.00	-240.00	0.00012
70.00	-240.00	0.00011	80.00	-240.00	0.00010
90.00	-240.00	0.00010	100.00	-240.00	0.00009
-100.00	-230.00	0.00024	-90.00	-230.00	0.00024
-80.00	-230.00	0.00023	-70.00	-230.00	0.00023
-60.00	-230.00	0.00023	-50.00	-230.00	0.00022
-40.00	-230.00	0.00021	-30.00	-230.00	0.00021
-25.00	-230.00	0.00020	-20.00	-230.00	0.00020
-17.00	-230.00	0.00019	-15.00	-230.00	0.00019
-13.00	-230.00	0.00019	-11.00	-230.00	0.00019
-9.00	-230.00	0.00019	9.00	-230.00	0.00017
11.00	-230.00	0.00016	13.00	-230.00	0.00016
15.00	-230.00	0.00016	17.00	-230.00	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00015	25.00	-230.00	0.00015
30.00	-230.00	0.00014	40.00	-230.00	0.00014
50.00	-230.00	0.00013	60.00	-230.00	0.00012
70.00	-230.00	0.00011	80.00	-230.00	0.00011
90.00	-230.00	0.00010	100.00	-230.00	0.00010
-100.00	-220.00	0.00025	-90.00	-220.00	0.00025
-80.00	-220.00	0.00025	-70.00	-220.00	0.00024
-60.00	-220.00	0.00024	-50.00	-220.00	0.00023
-40.00	-220.00	0.00023	-30.00	-220.00	0.00022
-25.00	-220.00	0.00021	-20.00	-220.00	0.00021
-17.00	-220.00	0.00021	-15.00	-220.00	0.00020
-13.00	-220.00	0.00020	-11.00	-220.00	0.00020
-9.00	-220.00	0.00020	9.00	-220.00	0.00018
11.00	-220.00	0.00017	13.00	-220.00	0.00017

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

15.00	-220.00	0.00017	17.00	-220.00	0.00017
20.00	-220.00	0.00016	25.00	-220.00	0.00016
30.00	-220.00	0.00015	40.00	-220.00	0.00014
50.00	-220.00	0.00013	60.00	-220.00	0.00013
70.00	-220.00	0.00012	80.00	-220.00	0.00011
90.00	-220.00	0.00011	100.00	-220.00	0.00010
-100.00	-210.00	0.00027	-90.00	-210.00	0.00027
-80.00	-210.00	0.00026	-70.00	-210.00	0.00026
-60.00	-210.00	0.00026	-50.00	-210.00	0.00025
-40.00	-210.00	0.00024	-30.00	-210.00	0.00023
-25.00	-210.00	0.00023	-20.00	-210.00	0.00022
-17.00	-210.00	0.00022	-15.00	-210.00	0.00022
-13.00	-210.00	0.00021	-11.00	-210.00	0.00021
-9.00	-210.00	0.00021	9.00	-210.00	0.00019
11.00	-210.00	0.00018	13.00	-210.00	0.00018
15.00	-210.00	0.00018	17.00	-210.00	0.00018
20.00	-210.00	0.00017	25.00	-210.00	0.00017
30.00	-210.00	0.00016	40.00	-210.00	0.00015
50.00	-210.00	0.00014	60.00	-210.00	0.00013
70.00	-210.00	0.00013	80.00	-210.00	0.00012
90.00	-210.00	0.00011	100.00	-210.00	0.00010
-100.00	-200.00	0.00028	-90.00	-200.00	0.00028
-80.00	-200.00	0.00028	-70.00	-200.00	0.00028
-60.00	-200.00	0.00027	-50.00	-200.00	0.00027
-40.00	-200.00	0.00026	-30.00	-200.00	0.00025
-25.00	-200.00	0.00024	-20.00	-200.00	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00023	-15.00	-200.00	0.00023
-13.00	-200.00	0.00023	-11.00	-200.00	0.00023
-9.00	-200.00	0.00022	9.00	-200.00	0.00020
11.00	-200.00	0.00020	13.00	-200.00	0.00019
15.00	-200.00	0.00019	17.00	-200.00	0.00019
20.00	-200.00	0.00018	25.00	-200.00	0.00018
30.00	-200.00	0.00017	40.00	-200.00	0.00016
50.00	-200.00	0.00015	60.00	-200.00	0.00014

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

70.00	-200.00	0.00013	80.00	-200.00	0.00012
90.00	-200.00	0.00012	100.00	-200.00	0.00011
-100.00	-190.00	0.00030	-90.00	-190.00	0.00030
-80.00	-190.00	0.00030	-70.00	-190.00	0.00030
-60.00	-190.00	0.00029	-50.00	-190.00	0.00029
-40.00	-190.00	0.00028	-30.00	-190.00	0.00027
-25.00	-190.00	0.00026	-20.00	-190.00	0.00026
-17.00	-190.00	0.00025	-15.00	-190.00	0.00025
-13.00	-190.00	0.00025	-11.00	-190.00	0.00024
-9.00	-190.00	0.00024	9.00	-190.00	0.00021
11.00	-190.00	0.00021	13.00	-190.00	0.00020
15.00	-190.00	0.00020	17.00	-190.00	0.00020
20.00	-190.00	0.00019	25.00	-190.00	0.00019
30.00	-190.00	0.00018	40.00	-190.00	0.00017
50.00	-190.00	0.00016	60.00	-190.00	0.00015
70.00	-190.00	0.00014	80.00	-190.00	0.00013
90.00	-190.00	0.00012	100.00	-190.00	0.00011
-100.00	-180.00	0.00032	-90.00	-180.00	0.00032
-80.00	-180.00	0.00032	-70.00	-180.00	0.00032
-60.00	-180.00	0.00031	-50.00	-180.00	0.00031
-40.00	-180.00	0.00030	-30.00	-180.00	0.00029
-25.00	-180.00	0.00028	-20.00	-180.00	0.00027
-17.00	-180.00	0.00027	-15.00	-180.00	0.00027
-13.00	-180.00	0.00026	-11.00	-180.00	0.00026
-9.00	-180.00	0.00026	9.00	-180.00	0.00022
11.00	-180.00	0.00022	13.00	-180.00	0.00022
15.00	-180.00	0.00021	17.00	-180.00	0.00021
20.00	-180.00	0.00021	25.00	-180.00	0.00020
30.00	-180.00	0.00019	40.00	-180.00	0.00018
50.00	-180.00	0.00017	60.00	-180.00	0.00016
70.00	-180.00	0.00015	80.00	-180.00	0.00014
90.00	-180.00	0.00013	100.00	-180.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTS:
 PAGE 46

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00034	-90.00	-170.00	0.00035
-80.00	-170.00	0.00035	-70.00	-170.00	0.00034

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-60.00	-170.00	0.00034	-50.00	-170.00	0.00033
-40.00	-170.00	0.00032	-30.00	-170.00	0.00031
-25.00	-170.00	0.00030	-20.00	-170.00	0.00030
-17.00	-170.00	0.00029	-15.00	-170.00	0.00029
-13.00	-170.00	0.00028	-11.00	-170.00	0.00028
-9.00	-170.00	0.00028	9.00	-170.00	0.00024
11.00	-170.00	0.00024	13.00	-170.00	0.00023
15.00	-170.00	0.00023	17.00	-170.00	0.00023
20.00	-170.00	0.00022	25.00	-170.00	0.00021
30.00	-170.00	0.00020	40.00	-170.00	0.00019
50.00	-170.00	0.00018	60.00	-170.00	0.00016
70.00	-170.00	0.00015	80.00	-170.00	0.00014
90.00	-170.00	0.00013	100.00	-170.00	0.00012
-100.00	-160.00	0.00036	-90.00	-160.00	0.00037
-80.00	-160.00	0.00037	-70.00	-160.00	0.00037
-60.00	-160.00	0.00037	-50.00	-160.00	0.00036
-40.00	-160.00	0.00035	-30.00	-160.00	0.00034
-25.00	-160.00	0.00033	-20.00	-160.00	0.00032
-17.00	-160.00	0.00031	-15.00	-160.00	0.00031
-13.00	-160.00	0.00031	-11.00	-160.00	0.00030
-9.00	-160.00	0.00030	9.00	-160.00	0.00026
11.00	-160.00	0.00025	13.00	-160.00	0.00025
15.00	-160.00	0.00025	17.00	-160.00	0.00024
20.00	-160.00	0.00024	25.00	-160.00	0.00023
30.00	-160.00	0.00022	40.00	-160.00	0.00020
50.00	-160.00	0.00019	60.00	-160.00	0.00017
70.00	-160.00	0.00016	80.00	-160.00	0.00015
90.00	-160.00	0.00014	100.00	-160.00	0.00013
-100.00	-150.00	0.00039	-90.00	-150.00	0.00040
-80.00	-150.00	0.00040	-70.00	-150.00	0.00040
-60.00	-150.00	0.00040	-50.00	-150.00	0.00039
-40.00	-150.00	0.00038	-30.00	-150.00	0.00036
-25.00	-150.00	0.00036	-20.00	-150.00	0.00035
-17.00	-150.00	0.00034	-15.00	-150.00	0.00033
-13.00	-150.00	0.00033	-11.00	-150.00	0.00033
-9.00	-150.00	0.00032	9.00	-150.00	0.00028
11.00	-150.00	0.00027	13.00	-150.00	0.00027
15.00	-150.00	0.00026	17.00	-150.00	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTS:
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***

04NCRA NAPA00-300_DPM_TRAV_ANN_N-S Bound
 INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00025	25.00	-150.00	0.00024
30.00	-150.00	0.00023	40.00	-150.00	0.00021
50.00	-150.00	0.00020	60.00	-150.00	0.00018
70.00	-150.00	0.00017	80.00	-150.00	0.00016
90.00	-150.00	0.00015	100.00	-150.00	0.00013
-100.00	-140.00	0.00041	-90.00	-140.00	0.00043
-80.00	-140.00	0.00043	-70.00	-140.00	0.00044
-60.00	-140.00	0.00043	-50.00	-140.00	0.00042
-40.00	-140.00	0.00041	-30.00	-140.00	0.00040
-25.00	-140.00	0.00039	-20.00	-140.00	0.00038
-17.00	-140.00	0.00037	-15.00	-140.00	0.00036
-13.00	-140.00	0.00036	-11.00	-140.00	0.00035
-9.00	-140.00	0.00035	9.00	-140.00	0.00030
11.00	-140.00	0.00029	13.00	-140.00	0.00029
15.00	-140.00	0.00028	17.00	-140.00	0.00028
20.00	-140.00	0.00027	25.00	-140.00	0.00026
30.00	-140.00	0.00025	40.00	-140.00	0.00023
50.00	-140.00	0.00021	60.00	-140.00	0.00020
70.00	-140.00	0.00018	80.00	-140.00	0.00017
90.00	-140.00	0.00015	100.00	-140.00	0.00014
-100.00	-130.00	0.00044	-90.00	-130.00	0.00046
-80.00	-130.00	0.00047	-70.00	-130.00	0.00047
-60.00	-130.00	0.00047	-50.00	-130.00	0.00046
-40.00	-130.00	0.00045	-30.00	-130.00	0.00043
-25.00	-130.00	0.00042	-20.00	-130.00	0.00041
-17.00	-130.00	0.00040	-15.00	-130.00	0.00040
-13.00	-130.00	0.00039	-11.00	-130.00	0.00039
-9.00	-130.00	0.00038	9.00	-130.00	0.00032
11.00	-130.00	0.00032	13.00	-130.00	0.00031
15.00	-130.00	0.00031	17.00	-130.00	0.00030
20.00	-130.00	0.00029	25.00	-130.00	0.00028
30.00	-130.00	0.00027	40.00	-130.00	0.00024
50.00	-130.00	0.00023	60.00	-130.00	0.00021
70.00	-130.00	0.00019	80.00	-130.00	0.00017
90.00	-130.00	0.00016	100.00	-130.00	0.00015
-100.00	-120.00	0.00047	-90.00	-120.00	0.00049
-80.00	-120.00	0.00051	-70.00	-120.00	0.00051
-60.00	-120.00	0.00051	-50.00	-120.00	0.00051
-40.00	-120.00	0.00049	-30.00	-120.00	0.00047
-25.00	-120.00	0.00046	-20.00	-120.00	0.00045

1 *** ICSCT3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:46:52

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00044	-15.00	-120.00	0.00044
-13.00	-120.00	0.00043	-11.00	-120.00	0.00042
-9.00	-120.00	0.00042	9.00	-120.00	0.00035
11.00	-120.00	0.00034	13.00	-120.00	0.00034
15.00	-120.00	0.00033	17.00	-120.00	0.00032
20.00	-120.00	0.00032	25.00	-120.00	0.00030
30.00	-120.00	0.00029	40.00	-120.00	0.00026
50.00	-120.00	0.00024	60.00	-120.00	0.00022
70.00	-120.00	0.00020	80.00	-120.00	0.00018
90.00	-120.00	0.00017	100.00	-120.00	0.00015
-100.00	-110.00	0.00050	-90.00	-110.00	0.00053
-80.00	-110.00	0.00055	-70.00	-110.00	0.00056
-60.00	-110.00	0.00056	-50.00	-110.00	0.00056
-40.00	-110.00	0.00054	-30.00	-110.00	0.00052
-25.00	-110.00	0.00051	-20.00	-110.00	0.00050
-17.00	-110.00	0.00049	-15.00	-110.00	0.00048
-13.00	-110.00	0.00047	-11.00	-110.00	0.00046
-9.00	-110.00	0.00046	9.00	-110.00	0.00038
11.00	-110.00	0.00037	13.00	-110.00	0.00037
15.00	-110.00	0.00036	17.00	-110.00	0.00035
20.00	-110.00	0.00034	25.00	-110.00	0.00033
30.00	-110.00	0.00031	40.00	-110.00	0.00028
50.00	-110.00	0.00026	60.00	-110.00	0.00023
70.00	-110.00	0.00021	80.00	-110.00	0.00019
90.00	-110.00	0.00017	100.00	-110.00	0.00016
-100.00	-100.00	0.00054	-90.00	-100.00	0.00057
-80.00	-100.00	0.00059	-70.00	-100.00	0.00061
-60.00	-100.00	0.00062	-50.00	-100.00	0.00061
-40.00	-100.00	0.00060	-30.00	-100.00	0.00058
-25.00	-100.00	0.00057	-20.00	-100.00	0.00055
-17.00	-100.00	0.00054	-15.00	-100.00	0.00053
-13.00	-100.00	0.00052	-11.00	-100.00	0.00051
-9.00	-100.00	0.00050	9.00	-100.00	0.00042
11.00	-100.00	0.00041	13.00	-100.00	0.00040

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

15.00	-100.00	0.00039	17.00	-100.00	0.00038
20.00	-100.00	0.00037	25.00	-100.00	0.00035
30.00	-100.00	0.00034	40.00	-100.00	0.00030
50.00	-100.00	0.00028	60.00	-100.00	0.00025
70.00	-100.00	0.00023	80.00	-100.00	0.00020
90.00	-100.00	0.00018	100.00	-100.00	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

PAGE 49

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00057	-90.00	-90.00	0.00061
-80.00	-90.00	0.00064	-70.00	-90.00	0.00067
-60.00	-90.00	0.00068	-50.00	-90.00	0.00068
-40.00	-90.00	0.00067	-30.00	-90.00	0.00065
-25.00	-90.00	0.00063	-20.00	-90.00	0.00061
-17.00	-90.00	0.00060	-15.00	-90.00	0.00059
-13.00	-90.00	0.00058	-11.00	-90.00	0.00057
-9.00	-90.00	0.00056	9.00	-90.00	0.00046
11.00	-90.00	0.00045	13.00	-90.00	0.00044
15.00	-90.00	0.00043	17.00	-90.00	0.00042
20.00	-90.00	0.00041	25.00	-90.00	0.00038
30.00	-90.00	0.00036	40.00	-90.00	0.00033
50.00	-90.00	0.00030	60.00	-90.00	0.00027
70.00	-90.00	0.00024	80.00	-90.00	0.00021
90.00	-90.00	0.00019	100.00	-90.00	0.00017
-100.00	-80.00	0.00061	-90.00	-80.00	0.00065
-80.00	-80.00	0.00069	-70.00	-80.00	0.00073
-60.00	-80.00	0.00075	-50.00	-80.00	0.00076
-40.00	-80.00	0.00075	-30.00	-80.00	0.00072
-25.00	-80.00	0.00071	-20.00	-80.00	0.00069
-17.00	-80.00	0.00067	-15.00	-80.00	0.00066
-13.00	-80.00	0.00065	-11.00	-80.00	0.00064
-9.00	-80.00	0.00063	9.00	-80.00	0.00051
11.00	-80.00	0.00050	13.00	-80.00	0.00048
15.00	-80.00	0.00047	17.00	-80.00	0.00046
20.00	-80.00	0.00045	25.00	-80.00	0.00042
30.00	-80.00	0.00040	40.00	-80.00	0.00036
50.00	-80.00	0.00032	60.00	-80.00	0.00028

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

70.00	-80.00	0.00025	80.00	-80.00	0.00022
90.00	-80.00	0.00020	100.00	-80.00	0.00017
-100.00	-70.00	0.00065	-90.00	-70.00	0.00070
-80.00	-70.00	0.00075	-70.00	-70.00	0.00080
-60.00	-70.00	0.00083	-50.00	-70.00	0.00085
-40.00	-70.00	0.00084	-30.00	-70.00	0.00082
-25.00	-70.00	0.00080	-20.00	-70.00	0.00077
-17.00	-70.00	0.00076	-15.00	-70.00	0.00075
-13.00	-70.00	0.00073	-11.00	-70.00	0.00072
-9.00	-70.00	0.00071	9.00	-70.00	0.00057
11.00	-70.00	0.00055	13.00	-70.00	0.00054
15.00	-70.00	0.00052	17.00	-70.00	0.00051

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00049	25.00	-70.00	0.00046
30.00	-70.00	0.00043	40.00	-70.00	0.00039
50.00	-70.00	0.00034	60.00	-70.00	0.00030
70.00	-70.00	0.00027	80.00	-70.00	0.00023
90.00	-70.00	0.00020	100.00	-70.00	0.00018
-100.00	-60.00	0.00070	-90.00	-60.00	0.00075
-80.00	-60.00	0.00081	-70.00	-60.00	0.00087
-60.00	-60.00	0.00092	-50.00	-60.00	0.00095
-40.00	-60.00	0.00095	-30.00	-60.00	0.00093
-25.00	-60.00	0.00091	-20.00	-60.00	0.00088
-17.00	-60.00	0.00086	-15.00	-60.00	0.00085
-13.00	-60.00	0.00083	-11.00	-60.00	0.00082
-9.00	-60.00	0.00080	9.00	-60.00	0.00063
11.00	-60.00	0.00061	13.00	-60.00	0.00060
15.00	-60.00	0.00058	17.00	-60.00	0.00056
20.00	-60.00	0.00054	25.00	-60.00	0.00051
30.00	-60.00	0.00048	40.00	-60.00	0.00042
50.00	-60.00	0.00037	60.00	-60.00	0.00032
70.00	-60.00	0.00028	80.00	-60.00	0.00024
90.00	-60.00	0.00021	100.00	-60.00	0.00018
-100.00	-50.00	0.00075	-90.00	-50.00	0.00081
-80.00	-50.00	0.00088	-70.00	-50.00	0.00095

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-60.00	-50.00	0.00102	-50.00	-50.00	0.00107
-40.00	-50.00	0.00108	-30.00	-50.00	0.00106
-25.00	-50.00	0.00104	-20.00	-50.00	0.00101
-17.00	-50.00	0.00099	-15.00	-50.00	0.00097
-13.00	-50.00	0.00095	-11.00	-50.00	0.00094
-9.00	-50.00	0.00092	9.00	-50.00	0.00071
11.00	-50.00	0.00069	13.00	-50.00	0.00067
15.00	-50.00	0.00065	17.00	-50.00	0.00063
20.00	-50.00	0.00060	25.00	-50.00	0.00056
30.00	-50.00	0.00053	40.00	-50.00	0.00046
50.00	-50.00	0.00040	60.00	-50.00	0.00034
70.00	-50.00	0.00029	80.00	-50.00	0.00025
90.00	-50.00	0.00022	100.00	-50.00	0.00019
-100.00	-40.00	0.00080	-90.00	-40.00	0.00088
-80.00	-40.00	0.00096	-70.00	-40.00	0.00104
-60.00	-40.00	0.00112	-50.00	-40.00	0.00120
-40.00	-40.00	0.00124	-30.00	-40.00	0.00123
-25.00	-40.00	0.00120	-20.00	-40.00	0.00117

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00114	-15.00	-40.00	0.00112
-13.00	-40.00	0.00110	-11.00	-40.00	0.00108
-9.00	-40.00	0.00106	9.00	-40.00	0.00080
11.00	-40.00	0.00078	13.00	-40.00	0.00075
15.00	-40.00	0.00073	17.00	-40.00	0.00071
20.00	-40.00	0.00067	25.00	-40.00	0.00063
30.00	-40.00	0.00058	40.00	-40.00	0.00050
50.00	-40.00	0.00043	60.00	-40.00	0.00036
70.00	-40.00	0.00031	80.00	-40.00	0.00026
90.00	-40.00	0.00022	100.00	-40.00	0.00019
-100.00	-30.00	0.00086	-90.00	-30.00	0.00095
-80.00	-30.00	0.00104	-70.00	-30.00	0.00114
-60.00	-30.00	0.00124	-50.00	-30.00	0.00134
-40.00	-30.00	0.00141	-30.00	-30.00	0.00142
-25.00	-30.00	0.00140	-20.00	-30.00	0.00137
-17.00	-30.00	0.00134	-15.00	-30.00	0.00131

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-13.00	-30.00	0.00129	-11.00	-30.00	0.00126
-9.00	-30.00	0.00123	9.00	-30.00	0.00091
11.00	-30.00	0.00088	13.00	-30.00	0.00085
15.00	-30.00	0.00082	17.00	-30.00	0.00080
20.00	-30.00	0.00076	25.00	-30.00	0.00070
30.00	-30.00	0.00064	40.00	-30.00	0.00054
50.00	-30.00	0.00046	60.00	-30.00	0.00038
70.00	-30.00	0.00032	80.00	-30.00	0.00027
90.00	-30.00	0.00023	100.00	-30.00	0.00020
-100.00	-20.00	0.00093	-90.00	-20.00	0.00102
-80.00	-20.00	0.00113	-70.00	-20.00	0.00125
-60.00	-20.00	0.00137	-50.00	-20.00	0.00150
-40.00	-20.00	0.00161	-30.00	-20.00	0.00166
-25.00	-20.00	0.00165	-20.00	-20.00	0.00161
-17.00	-20.00	0.00158	-15.00	-20.00	0.00156
-13.00	-20.00	0.00153	-11.00	-20.00	0.00149
-9.00	-20.00	0.00146	9.00	-20.00	0.00105
11.00	-20.00	0.00101	13.00	-20.00	0.00097
15.00	-20.00	0.00093	17.00	-20.00	0.00090
20.00	-20.00	0.00085	25.00	-20.00	0.00078
30.00	-20.00	0.00071	40.00	-20.00	0.00059
50.00	-20.00	0.00049	60.00	-20.00	0.00040
70.00	-20.00	0.00033	80.00	-20.00	0.00028
90.00	-20.00	0.00024	100.00	-20.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00099	-90.00	-10.00	0.00110
-80.00	-10.00	0.00122	-70.00	-10.00	0.00136
-60.00	-10.00	0.00152	-50.00	-10.00	0.00169
-40.00	-10.00	0.00184	-30.00	-10.00	0.00194
-25.00	-10.00	0.00195	-20.00	-10.00	0.00193
-17.00	-10.00	0.00189	-15.00	-10.00	0.00186
-13.00	-10.00	0.00183	-11.00	-10.00	0.00179
-9.00	-10.00	0.00174	9.00	-10.00	0.00121
11.00	-10.00	0.00116	13.00	-10.00	0.00111
15.00	-10.00	0.00107	17.00	-10.00	0.00102

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

20.00	-10.00	0.00096	25.00	-10.00	0.00087
30.00	-10.00	0.00079	40.00	-10.00	0.00064
50.00	-10.00	0.00051	60.00	-10.00	0.00042
70.00	-10.00	0.00035	80.00	-10.00	0.00029
90.00	-10.00	0.00025	100.00	-10.00	0.00022
-100.00	0.00	0.00106	-90.00	0.00	0.00118
-80.00	0.00	0.00133	-70.00	0.00	0.00149
-60.00	0.00	0.00168	-50.00	0.00	0.00189
-40.00	0.00	0.00210	-30.00	0.00	0.00227
-25.00	0.00	0.00232	-20.00	0.00	0.00232
-17.00	0.00	0.00229	-15.00	0.00	0.00226
-13.00	0.00	0.00222	-11.00	0.00	0.00217
-9.00	0.00	0.00211	9.00	0.00	0.00141
11.00	0.00	0.00134	13.00	0.00	0.00128
15.00	0.00	0.00122	17.00	0.00	0.00117
20.00	0.00	0.00109	25.00	0.00	0.00097
30.00	0.00	0.00086	40.00	0.00	0.00068
50.00	0.00	0.00054	60.00	0.00	0.00044
70.00	0.00	0.00036	80.00	0.00	0.00030
90.00	0.00	0.00026	100.00	0.00	0.00023
-100.00	10.00	0.00112	-90.00	10.00	0.00126
-80.00	10.00	0.00143	-70.00	10.00	0.00163
-60.00	10.00	0.00185	-50.00	10.00	0.00211
-40.00	10.00	0.00238	-30.00	10.00	0.00264
-25.00	10.00	0.00273	-20.00	10.00	0.00279
-17.00	10.00	0.00278	-15.00	10.00	0.00276
-13.00	10.00	0.00272	-11.00	10.00	0.00267
-9.00	10.00	0.00260	9.00	10.00	0.00164
11.00	10.00	0.00155	13.00	10.00	0.00147
15.00	10.00	0.00140	17.00	10.00	0.00132

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00122	25.00	10.00	0.00107
30.00	10.00	0.00093	40.00	10.00	0.00072
50.00	10.00	0.00057	60.00	10.00	0.00046
70.00	10.00	0.00038	80.00	10.00	0.00032

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

90.00	10.00	0.00027	100.00	10.00	0.00024
-100.00	20.00	0.00116	-90.00	20.00	0.00132
-80.00	20.00	0.00152	-70.00	20.00	0.00175
-60.00	20.00	0.00203	-50.00	20.00	0.00234
-40.00	20.00	0.00269	-30.00	20.00	0.00304
-25.00	20.00	0.00320	-20.00	20.00	0.00332
-17.00	20.00	0.00336	-15.00	20.00	0.00337
-13.00	20.00	0.00335	-11.00	20.00	0.00331
-9.00	20.00	0.00324	9.00	20.00	0.00191
11.00	20.00	0.00179	13.00	20.00	0.00168
15.00	20.00	0.00158	17.00	20.00	0.00148
20.00	20.00	0.00135	25.00	20.00	0.00115
30.00	20.00	0.00100	40.00	20.00	0.00076
50.00	20.00	0.00060	60.00	20.00	0.00048
70.00	20.00	0.00040	80.00	20.00	0.00033
90.00	20.00	0.00028	100.00	20.00	0.00024
-100.00	30.00	0.00118	-90.00	30.00	0.00136
-80.00	30.00	0.00158	-70.00	30.00	0.00184
-60.00	30.00	0.00216	-50.00	30.00	0.00255
-40.00	30.00	0.00299	-30.00	30.00	0.00347
-25.00	30.00	0.00370	-20.00	30.00	0.00391
-17.00	30.00	0.00402	-15.00	30.00	0.00407
-13.00	30.00	0.00411	-11.00	30.00	0.00412
-9.00	30.00	0.00408	9.00	30.00	0.00221
11.00	30.00	0.00204	13.00	30.00	0.00188
15.00	30.00	0.00174	17.00	30.00	0.00162
20.00	30.00	0.00145	25.00	30.00	0.00123
30.00	30.00	0.00106	40.00	30.00	0.00080
50.00	30.00	0.00063	60.00	30.00	0.00050
70.00	30.00	0.00041	80.00	30.00	0.00034
90.00	30.00	0.00029	100.00	30.00	0.00025
-100.00	40.00	0.00118	-90.00	40.00	0.00137
-80.00	40.00	0.00160	-70.00	40.00	0.00189
-60.00	40.00	0.00224	-50.00	40.00	0.00267
-40.00	40.00	0.00320	-30.00	40.00	0.00381
-25.00	40.00	0.00414	-20.00	40.00	0.00448

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00468	-15.00	40.00	0.00481
-13.00	40.00	0.00494	-11.00	40.00	0.00508
-9.00	40.00	0.00521	9.00	40.00	0.00247
11.00	40.00	0.00224	13.00	40.00	0.00204
15.00	40.00	0.00188	17.00	40.00	0.00174
20.00	40.00	0.00156	25.00	40.00	0.00131
30.00	40.00	0.00112	40.00	40.00	0.00084
50.00	40.00	0.00066	60.00	40.00	0.00052
70.00	40.00	0.00043	80.00	40.00	0.00036
90.00	40.00	0.00030	100.00	40.00	0.00026
-100.00	50.00	0.00115	-90.00	50.00	0.00134
-80.00	50.00	0.00158	-70.00	50.00	0.00187
-60.00	50.00	0.00223	-50.00	50.00	0.00269
-40.00	50.00	0.00325	-30.00	50.00	0.00393
-25.00	50.00	0.00431	-20.00	50.00	0.00472
-17.00	50.00	0.00499	-15.00	50.00	0.00517
-13.00	50.00	0.00538	-11.00	50.00	0.00562
-9.00	50.00	0.00591	9.00	50.00	0.00292
11.00	50.00	0.00258	13.00	50.00	0.00232
15.00	50.00	0.00212	17.00	50.00	0.00194
20.00	50.00	0.00172	25.00	50.00	0.00144
30.00	50.00	0.00122	40.00	50.00	0.00091
50.00	50.00	0.00070	60.00	50.00	0.00056
70.00	50.00	0.00046	80.00	50.00	0.00038
90.00	50.00	0.00032	100.00	50.00	0.00027
-100.00	60.00	0.00109	-90.00	60.00	0.00128
-80.00	60.00	0.00151	-70.00	60.00	0.00180
-60.00	60.00	0.00217	-50.00	60.00	0.00261
-40.00	60.00	0.00318	-30.00	60.00	0.00387
-25.00	60.00	0.00428	-20.00	60.00	0.00474
-17.00	60.00	0.00504	-15.00	60.00	0.00527
-13.00	60.00	0.00554	-11.00	60.00	0.00588
-9.00	60.00	0.00639	9.00	60.00	0.00395
11.00	60.00	0.00341	13.00	60.00	0.00301
15.00	60.00	0.00269	17.00	60.00	0.00242
20.00	60.00	0.00210	25.00	60.00	0.00170
30.00	60.00	0.00141	40.00	60.00	0.00102
50.00	60.00	0.00077	60.00	60.00	0.00061
70.00	60.00	0.00050	80.00	60.00	0.00041
90.00	60.00	0.00034	100.00	60.00	0.00029

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:46:52

**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	70.00	0.00102	-90.00	70.00	0.00120	
-80.00	70.00	0.00142	-70.00	70.00	0.00170	
-60.00	70.00	0.00205	-50.00	70.00	0.00249	
-40.00	70.00	0.00304	-30.00	70.00	0.00375	
-25.00	70.00	0.00419	-20.00	70.00	0.00473	
-17.00	70.00	0.00513	-15.00	70.00	0.00546	
-13.00	70.00	0.00587	-11.00	70.00	0.00641	
-9.00	70.00	0.00716	9.00	70.00	0.00488	
11.00	70.00	0.00422	13.00	70.00	0.00372	
15.00	70.00	0.00330	17.00	70.00	0.00296	
20.00	70.00	0.00254	25.00	70.00	0.00201	
30.00	70.00	0.00164	40.00	70.00	0.00116	
50.00	70.00	0.00087	60.00	70.00	0.00068	
70.00	70.00	0.00054	80.00	70.00	0.00045	
90.00	70.00	0.00037	100.00	70.00	0.00031	
-100.00	80.00	0.00093	-90.00	80.00	0.00110	
-80.00	80.00	0.00131	-70.00	80.00	0.00157	
-60.00	80.00	0.00190	-50.00	80.00	0.00233	
-40.00	80.00	0.00287	-30.00	80.00	0.00359	
-25.00	80.00	0.00408	-20.00	80.00	0.00473	
-17.00	80.00	0.00525	-15.00	80.00	0.00570	
-13.00	80.00	0.00625	-11.00	80.00	0.00694	
-9.00	80.00	0.00785	9.00	80.00	0.00557	
11.00	80.00	0.00485	13.00	80.00	0.00428	
15.00	80.00	0.00381	17.00	80.00	0.00342	
20.00	80.00	0.00293	25.00	80.00	0.00233	
30.00	80.00	0.00189	40.00	80.00	0.00132	
50.00	80.00	0.00098	60.00	80.00	0.00076	
70.00	80.00	0.00060	80.00	80.00	0.00048	
90.00	80.00	0.00040	100.00	80.00	0.00033	
-100.00	90.00	0.00083	-90.00	90.00	0.00098	
-80.00	90.00	0.00117	-70.00	90.00	0.00141	
-60.00	90.00	0.00173	-50.00	90.00	0.00213	
-40.00	90.00	0.00265	-30.00	90.00	0.00339	
-25.00	90.00	0.00393	-20.00	90.00	0.00469	
-17.00	90.00	0.00532	-15.00	90.00	0.00585	

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-13.00	90.00	0.00650	-11.00	90.00	0.00729
-9.00	90.00	0.00828	9.00	90.00	0.00604
11.00	90.00	0.00529	13.00	90.00	0.00469
15.00	90.00	0.00419	17.00	90.00	0.00376

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00324	25.00	90.00	0.00258
30.00	90.00	0.00211	40.00	90.00	0.00148
50.00	90.00	0.00109	60.00	90.00	0.00083
70.00	90.00	0.00066	80.00	90.00	0.00053
90.00	90.00	0.00043	100.00	90.00	0.00036
-100.00	100.00	0.00073	-90.00	100.00	0.00086
-80.00	100.00	0.00102	-70.00	100.00	0.00124
-60.00	100.00	0.00152	-50.00	100.00	0.00190
-40.00	100.00	0.00240	-30.00	100.00	0.00316
-25.00	100.00	0.00373	-20.00	100.00	0.00455
-17.00	100.00	0.00525	-15.00	100.00	0.00583
-13.00	100.00	0.00653	-11.00	100.00	0.00738
-9.00	100.00	0.00843	9.00	100.00	0.00632
11.00	100.00	0.00556	13.00	100.00	0.00495
15.00	100.00	0.00445	17.00	100.00	0.00401
20.00	100.00	0.00347	25.00	100.00	0.00279
30.00	100.00	0.00230	40.00	100.00	0.00162
50.00	100.00	0.00120	60.00	100.00	0.00091
70.00	100.00	0.00071	80.00	100.00	0.00057
90.00	100.00	0.00046	100.00	100.00	0.00038
-100.00	110.00	0.00064	-90.00	110.00	0.00074
-80.00	110.00	0.00088	-70.00	110.00	0.00106
-60.00	110.00	0.00130	-50.00	110.00	0.00163
-40.00	110.00	0.00211	-30.00	110.00	0.00287
-25.00	110.00	0.00345	-20.00	110.00	0.00431
-17.00	110.00	0.00502	-15.00	110.00	0.00561
-13.00	110.00	0.00633	-11.00	110.00	0.00720
-9.00	110.00	0.00827	9.00	110.00	0.00645
11.00	110.00	0.00569	13.00	110.00	0.00510
15.00	110.00	0.00460	17.00	110.00	0.00418

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

20.00	110.00	0.00364	25.00	110.00	0.00296
30.00	110.00	0.00245	40.00	110.00	0.00175
50.00	110.00	0.00129	60.00	110.00	0.00098
70.00	110.00	0.00076	80.00	110.00	0.00061
90.00	110.00	0.00050	100.00	110.00	0.00041
-100.00	120.00	0.00056	-90.00	120.00	0.00065
-80.00	120.00	0.00076	-70.00	120.00	0.00091
-60.00	120.00	0.00111	-50.00	120.00	0.00139
-40.00	120.00	0.00180	-30.00	120.00	0.00252
-25.00	120.00	0.00310	-20.00	120.00	0.00394

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00464	-15.00	120.00	0.00521
-13.00	120.00	0.00590	-11.00	120.00	0.00674
-9.00	120.00	0.00778	9.00	120.00	0.00646
11.00	120.00	0.00574	13.00	120.00	0.00516
15.00	120.00	0.00470	17.00	120.00	0.00430
20.00	120.00	0.00378	25.00	120.00	0.00309
30.00	120.00	0.00256	40.00	120.00	0.00184
50.00	120.00	0.00137	60.00	120.00	0.00104
70.00	120.00	0.00082	80.00	120.00	0.00065
90.00	120.00	0.00053	100.00	120.00	0.00044
-100.00	130.00	0.00049	-90.00	130.00	0.00056
-80.00	130.00	0.00066	-70.00	130.00	0.00079
-60.00	130.00	0.00096	-50.00	130.00	0.00120
-40.00	130.00	0.00157	-30.00	130.00	0.00222
-25.00	130.00	0.00275	-20.00	130.00	0.00352
-17.00	130.00	0.00415	-15.00	130.00	0.00466
-13.00	130.00	0.00528	-11.00	130.00	0.00602
-9.00	130.00	0.00694	9.00	130.00	0.00644
11.00	130.00	0.00576	13.00	130.00	0.00520
15.00	130.00	0.00475	17.00	130.00	0.00436
20.00	130.00	0.00385	25.00	130.00	0.00317
30.00	130.00	0.00265	40.00	130.00	0.00191
50.00	130.00	0.00143	60.00	130.00	0.00110
70.00	130.00	0.00086	80.00	130.00	0.00069

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

90.00	130.00	0.00056	100.00	130.00	0.00046
-100.00	140.00	0.00044	-90.00	140.00	0.00051
-80.00	140.00	0.00059	-70.00	140.00	0.00071
-60.00	140.00	0.00086	-50.00	140.00	0.00109
-40.00	140.00	0.00146	-30.00	140.00	0.00210
-25.00	140.00	0.00262	-20.00	140.00	0.00336
-17.00	140.00	0.00394	-15.00	140.00	0.00442
-13.00	140.00	0.00497	-11.00	140.00	0.00562
-9.00	140.00	0.00638	9.00	140.00	0.00610
11.00	140.00	0.00555	13.00	140.00	0.00507
15.00	140.00	0.00465	17.00	140.00	0.00429
20.00	140.00	0.00381	25.00	140.00	0.00316
30.00	140.00	0.00266	40.00	140.00	0.00194
50.00	140.00	0.00146	60.00	140.00	0.00113
70.00	140.00	0.00090	80.00	140.00	0.00072
90.00	140.00	0.00059	100.00	140.00	0.00048

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00041	-90.00	150.00	0.00047
-80.00	150.00	0.00056	-70.00	150.00	0.00067
-60.00	150.00	0.00082	-50.00	150.00	0.00105
-40.00	150.00	0.00143	-30.00	150.00	0.00209
-25.00	150.00	0.00261	-20.00	150.00	0.00334
-17.00	150.00	0.00391	-15.00	150.00	0.00435
-13.00	150.00	0.00485	-11.00	150.00	0.00540
-9.00	150.00	0.00596	9.00	150.00	0.00511
11.00	150.00	0.00477	13.00	150.00	0.00445
15.00	150.00	0.00416	17.00	150.00	0.00389
20.00	150.00	0.00351	25.00	150.00	0.00299
30.00	150.00	0.00255	40.00	150.00	0.00190
50.00	150.00	0.00145	60.00	150.00	0.00114
70.00	150.00	0.00091	80.00	150.00	0.00073
90.00	150.00	0.00060	100.00	150.00	0.00050
-100.00	160.00	0.00039	-90.00	160.00	0.00045
-80.00	160.00	0.00053	-70.00	160.00	0.00064
-60.00	160.00	0.00079	-50.00	160.00	0.00103

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-40.00	160.00	0.00142	-30.00	160.00	0.00208
-25.00	160.00	0.00259	-20.00	160.00	0.00325
-17.00	160.00	0.00374	-15.00	160.00	0.00409
-13.00	160.00	0.00445	-11.00	160.00	0.00480
-9.00	160.00	0.00512	9.00	160.00	0.00420
11.00	160.00	0.00397	13.00	160.00	0.00376
15.00	160.00	0.00356	17.00	160.00	0.00337
20.00	160.00	0.00310	25.00	160.00	0.00270
30.00	160.00	0.00236	40.00	160.00	0.00181
50.00	160.00	0.00141	60.00	160.00	0.00112
70.00	160.00	0.00090	80.00	160.00	0.00074
90.00	160.00	0.00061	100.00	160.00	0.00051
-100.00	170.00	0.00037	-90.00	170.00	0.00043
-80.00	170.00	0.00051	-70.00	170.00	0.00062
-60.00	170.00	0.00078	-50.00	170.00	0.00102
-40.00	170.00	0.00140	-30.00	170.00	0.00204
-25.00	170.00	0.00250	-20.00	170.00	0.00305
-17.00	170.00	0.00342	-15.00	170.00	0.00367
-13.00	170.00	0.00390	-11.00	170.00	0.00410
-9.00	170.00	0.00426	9.00	170.00	0.00346
11.00	170.00	0.00331	13.00	170.00	0.00317
15.00	170.00	0.00303	17.00	170.00	0.00289

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00270	25.00	170.00	0.00240
30.00	170.00	0.00213	40.00	170.00	0.00168
50.00	170.00	0.00134	60.00	170.00	0.00108
70.00	170.00	0.00088	80.00	170.00	0.00073
90.00	170.00	0.00061	100.00	170.00	0.00051
-100.00	180.00	0.00036	-90.00	180.00	0.00042
-80.00	180.00	0.00050	-70.00	180.00	0.00061
-60.00	180.00	0.00077	-50.00	180.00	0.00101
-40.00	180.00	0.00138	-30.00	180.00	0.00196
-25.00	180.00	0.00235	-20.00	180.00	0.00278
-17.00	180.00	0.00304	-15.00	180.00	0.00320
-13.00	180.00	0.00335	-11.00	180.00	0.00346

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-9.00	180.00	0.00354	9.00	180.00	0.00289
11.00	180.00	0.00278	13.00	180.00	0.00268
15.00	180.00	0.00258	17.00	180.00	0.00248
20.00	180.00	0.00234	25.00	180.00	0.00211
30.00	180.00	0.00190	40.00	180.00	0.00154
50.00	180.00	0.00126	60.00	180.00	0.00103
70.00	180.00	0.00085	80.00	180.00	0.00071
90.00	180.00	0.00060	100.00	180.00	0.00051
-100.00	190.00	0.00035	-90.00	190.00	0.00041
-80.00	190.00	0.00049	-70.00	190.00	0.00060
-60.00	190.00	0.00075	-50.00	190.00	0.00099
-40.00	190.00	0.00134	-30.00	190.00	0.00185
-25.00	190.00	0.00217	-20.00	190.00	0.00249
-17.00	190.00	0.00267	-15.00	190.00	0.00277
-13.00	190.00	0.00286	-11.00	190.00	0.00292
-9.00	190.00	0.00296	9.00	190.00	0.00243
11.00	190.00	0.00235	13.00	190.00	0.00228
15.00	190.00	0.00220	17.00	190.00	0.00213
20.00	190.00	0.00203	25.00	190.00	0.00186
30.00	190.00	0.00170	40.00	190.00	0.00140
50.00	190.00	0.00117	60.00	190.00	0.00097
70.00	190.00	0.00081	80.00	190.00	0.00069
90.00	190.00	0.00058	100.00	190.00	0.00050
-100.00	200.00	0.00034	-90.00	200.00	0.00040
-80.00	200.00	0.00048	-70.00	200.00	0.00059
-60.00	200.00	0.00074	-50.00	200.00	0.00096
-40.00	200.00	0.00129	-30.00	200.00	0.00173
-25.00	200.00	0.00197	-20.00	200.00	0.00221

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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*** Maximum train overlap at North/South Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00233	-15.00	200.00	0.00239
-13.00	200.00	0.00244	-11.00	200.00	0.00248
-9.00	200.00	0.00250	9.00	200.00	0.00208
11.00	200.00	0.00201	13.00	200.00	0.00195
15.00	200.00	0.00190	17.00	200.00	0.00184
20.00	200.00	0.00177	25.00	200.00	0.00164

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

30.00	200.00	0.00151	40.00	200.00	0.00128
50.00	200.00	0.00107	60.00	200.00	0.00091
70.00	200.00	0.00077	80.00	200.00	0.00066
90.00	200.00	0.00056	100.00	200.00	0.00049
-100.00	210.00	0.00033	-90.00	210.00	0.00039
-80.00	210.00	0.00047	-70.00	210.00	0.00057
-60.00	210.00	0.00072	-50.00	210.00	0.00094
-40.00	210.00	0.00123	-30.00	210.00	0.00159
-25.00	210.00	0.00178	-20.00	210.00	0.00195
-17.00	210.00	0.00203	-15.00	210.00	0.00207
-13.00	210.00	0.00210	-11.00	210.00	0.00212
-9.00	210.00	0.00213	9.00	210.00	0.00179
11.00	210.00	0.00174	13.00	210.00	0.00169
15.00	210.00	0.00165	17.00	210.00	0.00161
20.00	210.00	0.00154	25.00	210.00	0.00145
30.00	210.00	0.00135	40.00	210.00	0.00116
50.00	210.00	0.00099	60.00	210.00	0.00085
70.00	210.00	0.00073	80.00	210.00	0.00063
90.00	210.00	0.00054	100.00	210.00	0.00047
-100.00	220.00	0.00033	-90.00	220.00	0.00038
-80.00	220.00	0.00046	-70.00	220.00	0.00056
-60.00	220.00	0.00071	-50.00	220.00	0.00090
-40.00	220.00	0.00116	-30.00	220.00	0.00146
-25.00	220.00	0.00160	-20.00	220.00	0.00173
-17.00	220.00	0.00178	-15.00	220.00	0.00181
-13.00	220.00	0.00182	-11.00	220.00	0.00183
-9.00	220.00	0.00183	9.00	220.00	0.00156
11.00	220.00	0.00152	13.00	220.00	0.00148
15.00	220.00	0.00144	17.00	220.00	0.00141
20.00	220.00	0.00136	25.00	220.00	0.00128
30.00	220.00	0.00120	40.00	220.00	0.00105
50.00	220.00	0.00091	60.00	220.00	0.00079
70.00	220.00	0.00068	80.00	220.00	0.00060
90.00	220.00	0.00052	100.00	220.00	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-100.00	230.00	0.00032	-90.00	230.00	0.00038
-80.00	230.00	0.00045	-70.00	230.00	0.00055
-60.00	230.00	0.00069	-50.00	230.00	0.00087
-40.00	230.00	0.00109	-30.00	230.00	0.00133
-25.00	230.00	0.00144	-20.00	230.00	0.00153
-17.00	230.00	0.00157	-15.00	230.00	0.00158
-13.00	230.00	0.00159	-11.00	230.00	0.00160
-9.00	230.00	0.00159	9.00	230.00	0.00137
11.00	230.00	0.00134	13.00	230.00	0.00130
15.00	230.00	0.00127	17.00	230.00	0.00124
20.00	230.00	0.00120	25.00	230.00	0.00114
30.00	230.00	0.00108	40.00	230.00	0.00096
50.00	230.00	0.00084	60.00	230.00	0.00073
70.00	230.00	0.00064	80.00	230.00	0.00056
90.00	230.00	0.00050	100.00	230.00	0.00044
-100.00	240.00	0.00031	-90.00	240.00	0.00037
-80.00	240.00	0.00044	-70.00	240.00	0.00054
-60.00	240.00	0.00067	-50.00	240.00	0.00083
-40.00	240.00	0.00102	-30.00	240.00	0.00122
-25.00	240.00	0.00130	-20.00	240.00	0.00136
-17.00	240.00	0.00139	-15.00	240.00	0.00140
-13.00	240.00	0.00140	-11.00	240.00	0.00140
-9.00	240.00	0.00140	9.00	240.00	0.00121
11.00	240.00	0.00118	13.00	240.00	0.00116
15.00	240.00	0.00113	17.00	240.00	0.00111
20.00	240.00	0.00107	25.00	240.00	0.00102
30.00	240.00	0.00097	40.00	240.00	0.00087
50.00	240.00	0.00077	60.00	240.00	0.00068
70.00	240.00	0.00060	80.00	240.00	0.00053
90.00	240.00	0.00047	100.00	240.00	0.00042
-100.00	250.00	0.00031	-90.00	250.00	0.00036
-80.00	250.00	0.00043	-70.00	250.00	0.00052
-60.00	250.00	0.00064	-50.00	250.00	0.00079
-40.00	250.00	0.00095	-30.00	250.00	0.00111
-25.00	250.00	0.00117	-20.00	250.00	0.00122
-17.00	250.00	0.00123	-15.00	250.00	0.00124
-13.00	250.00	0.00124	-11.00	250.00	0.00124
-9.00	250.00	0.00123	9.00	250.00	0.00108
11.00	250.00	0.00106	13.00	250.00	0.00103
15.00	250.00	0.00101	17.00	250.00	0.00099

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	250.00	0.00096	25.00	250.00	0.00092	
30.00	250.00	0.00088	40.00	250.00	0.00080	
50.00	250.00	0.00071	60.00	250.00	0.00064	
70.00	250.00	0.00056	80.00	250.00	0.00050	
90.00	250.00	0.00045	100.00	250.00	0.00040	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	-250.00	0.00036	-90.00	-250.00	0.00037	
-80.00	-250.00	0.00037	-70.00	-250.00	0.00037	
-60.00	-250.00	0.00037	-50.00	-250.00	0.00036	
-40.00	-250.00	0.00035	-30.00	-250.00	0.00034	
-25.00	-250.00	0.00033	-20.00	-250.00	0.00032	
-17.00	-250.00	0.00031	-15.00	-250.00	0.00031	
-13.00	-250.00	0.00031	-11.00	-250.00	0.00030	
-9.00	-250.00	0.00030	9.00	-250.00	0.00026	
11.00	-250.00	0.00025	13.00	-250.00	0.00025	
15.00	-250.00	0.00025	17.00	-250.00	0.00024	
20.00	-250.00	0.00024	25.00	-250.00	0.00023	
30.00	-250.00	0.00022	40.00	-250.00	0.00020	
50.00	-250.00	0.00019	60.00	-250.00	0.00017	
70.00	-250.00	0.00016	80.00	-250.00	0.00015	
90.00	-250.00	0.00014	100.00	-250.00	0.00013	
-100.00	-240.00	0.00039	-90.00	-240.00	0.00040	
-80.00	-240.00	0.00040	-70.00	-240.00	0.00040	
-60.00	-240.00	0.00040	-50.00	-240.00	0.00039	
-40.00	-240.00	0.00038	-30.00	-240.00	0.00036	
-25.00	-240.00	0.00036	-20.00	-240.00	0.00035	
-17.00	-240.00	0.00034	-15.00	-240.00	0.00033	
-13.00	-240.00	0.00033	-11.00	-240.00	0.00033	
-9.00	-240.00	0.00032	9.00	-240.00	0.00028	

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

11.00	-240.00	0.00027	13.00	-240.00	0.00027
15.00	-240.00	0.00026	17.00	-240.00	0.00026
20.00	-240.00	0.00025	25.00	-240.00	0.00024
30.00	-240.00	0.00023	40.00	-240.00	0.00021
50.00	-240.00	0.00020	60.00	-240.00	0.00018
70.00	-240.00	0.00017	80.00	-240.00	0.00016
90.00	-240.00	0.00015	100.00	-240.00	0.00013
-100.00	-230.00	0.00041	-90.00	-230.00	0.00043
-80.00	-230.00	0.00043	-70.00	-230.00	0.00044
-60.00	-230.00	0.00043	-50.00	-230.00	0.00042
-40.00	-230.00	0.00041	-30.00	-230.00	0.00040
-25.00	-230.00	0.00039	-20.00	-230.00	0.00038
-17.00	-230.00	0.00037	-15.00	-230.00	0.00036
-13.00	-230.00	0.00036	-11.00	-230.00	0.00035
-9.00	-230.00	0.00035	9.00	-230.00	0.00030
11.00	-230.00	0.00029	13.00	-230.00	0.00029
15.00	-230.00	0.00028	17.00	-230.00	0.00028

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00027	25.00	-230.00	0.00026
30.00	-230.00	0.00025	40.00	-230.00	0.00023
50.00	-230.00	0.00021	60.00	-230.00	0.00020
70.00	-230.00	0.00018	80.00	-230.00	0.00017
90.00	-230.00	0.00015	100.00	-230.00	0.00014
-100.00	-220.00	0.00044	-90.00	-220.00	0.00046
-80.00	-220.00	0.00047	-70.00	-220.00	0.00047
-60.00	-220.00	0.00047	-50.00	-220.00	0.00046
-40.00	-220.00	0.00045	-30.00	-220.00	0.00043
-25.00	-220.00	0.00042	-20.00	-220.00	0.00041
-17.00	-220.00	0.00040	-15.00	-220.00	0.00040
-13.00	-220.00	0.00039	-11.00	-220.00	0.00039
-9.00	-220.00	0.00038	9.00	-220.00	0.00032
11.00	-220.00	0.00032	13.00	-220.00	0.00031
15.00	-220.00	0.00031	17.00	-220.00	0.00030
20.00	-220.00	0.00029	25.00	-220.00	0.00028
30.00	-220.00	0.00027	40.00	-220.00	0.00024

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

50.00	-220.00	0.00023	60.00	-220.00	0.00021
70.00	-220.00	0.00019	80.00	-220.00	0.00017
90.00	-220.00	0.00016	100.00	-220.00	0.00015
-100.00	-210.00	0.00047	-90.00	-210.00	0.00049
-80.00	-210.00	0.00051	-70.00	-210.00	0.00051
-60.00	-210.00	0.00051	-50.00	-210.00	0.00051
-40.00	-210.00	0.00049	-30.00	-210.00	0.00047
-25.00	-210.00	0.00046	-20.00	-210.00	0.00045
-17.00	-210.00	0.00044	-15.00	-210.00	0.00044
-13.00	-210.00	0.00043	-11.00	-210.00	0.00042
-9.00	-210.00	0.00042	9.00	-210.00	0.00035
11.00	-210.00	0.00034	13.00	-210.00	0.00034
15.00	-210.00	0.00033	17.00	-210.00	0.00032
20.00	-210.00	0.00032	25.00	-210.00	0.00030
30.00	-210.00	0.00029	40.00	-210.00	0.00026
50.00	-210.00	0.00024	60.00	-210.00	0.00022
70.00	-210.00	0.00020	80.00	-210.00	0.00018
90.00	-210.00	0.00017	100.00	-210.00	0.00015
-100.00	-200.00	0.00050	-90.00	-200.00	0.00053
-80.00	-200.00	0.00055	-70.00	-200.00	0.00056
-60.00	-200.00	0.00056	-50.00	-200.00	0.00056
-40.00	-200.00	0.00054	-30.00	-200.00	0.00052
-25.00	-200.00	0.00051	-20.00	-200.00	0.00050

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTS:
 PAGE 65

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00049	-15.00	-200.00	0.00048
-13.00	-200.00	0.00047	-11.00	-200.00	0.00046
-9.00	-200.00	0.00046	9.00	-200.00	0.00038
11.00	-200.00	0.00037	13.00	-200.00	0.00037
15.00	-200.00	0.00036	17.00	-200.00	0.00035
20.00	-200.00	0.00034	25.00	-200.00	0.00033
30.00	-200.00	0.00031	40.00	-200.00	0.00028
50.00	-200.00	0.00026	60.00	-200.00	0.00023
70.00	-200.00	0.00021	80.00	-200.00	0.00019
90.00	-200.00	0.00017	100.00	-200.00	0.00016
-100.00	-190.00	0.00054	-90.00	-190.00	0.00057

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-80.00	-190.00	0.00059	-70.00	-190.00	0.00061
-60.00	-190.00	0.00062	-50.00	-190.00	0.00061
-40.00	-190.00	0.00060	-30.00	-190.00	0.00058
-25.00	-190.00	0.00057	-20.00	-190.00	0.00055
-17.00	-190.00	0.00054	-15.00	-190.00	0.00053
-13.00	-190.00	0.00052	-11.00	-190.00	0.00051
-9.00	-190.00	0.00050	9.00	-190.00	0.00042
11.00	-190.00	0.00041	13.00	-190.00	0.00040
15.00	-190.00	0.00039	17.00	-190.00	0.00038
20.00	-190.00	0.00037	25.00	-190.00	0.00035
30.00	-190.00	0.00034	40.00	-190.00	0.00030
50.00	-190.00	0.00028	60.00	-190.00	0.00025
70.00	-190.00	0.00023	80.00	-190.00	0.00020
90.00	-190.00	0.00018	100.00	-190.00	0.00016
-100.00	-180.00	0.00057	-90.00	-180.00	0.00061
-80.00	-180.00	0.00064	-70.00	-180.00	0.00067
-60.00	-180.00	0.00068	-50.00	-180.00	0.00068
-40.00	-180.00	0.00067	-30.00	-180.00	0.00065
-25.00	-180.00	0.00063	-20.00	-180.00	0.00061
-17.00	-180.00	0.00060	-15.00	-180.00	0.00059
-13.00	-180.00	0.00058	-11.00	-180.00	0.00057
-9.00	-180.00	0.00056	9.00	-180.00	0.00046
11.00	-180.00	0.00045	13.00	-180.00	0.00044
15.00	-180.00	0.00043	17.00	-180.00	0.00042
20.00	-180.00	0.00041	25.00	-180.00	0.00038
30.00	-180.00	0.00036	40.00	-180.00	0.00033
50.00	-180.00	0.00030	60.00	-180.00	0.00027
70.00	-180.00	0.00024	80.00	-180.00	0.00021
90.00	-180.00	0.00019	100.00	-180.00	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTS:
 PAGE 66

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00061	-90.00	-170.00	0.00065
-80.00	-170.00	0.00069	-70.00	-170.00	0.00073
-60.00	-170.00	0.00075	-50.00	-170.00	0.00076
-40.00	-170.00	0.00075	-30.00	-170.00	0.00072
-25.00	-170.00	0.00071	-20.00	-170.00	0.00069

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-17.00	-170.00	0.00067	-15.00	-170.00	0.00066
-13.00	-170.00	0.00065	-11.00	-170.00	0.00064
-9.00	-170.00	0.00063	9.00	-170.00	0.00051
11.00	-170.00	0.00050	13.00	-170.00	0.00048
15.00	-170.00	0.00047	17.00	-170.00	0.00046
20.00	-170.00	0.00045	25.00	-170.00	0.00042
30.00	-170.00	0.00040	40.00	-170.00	0.00036
50.00	-170.00	0.00032	60.00	-170.00	0.00028
70.00	-170.00	0.00025	80.00	-170.00	0.00022
90.00	-170.00	0.00020	100.00	-170.00	0.00017
-100.00	-160.00	0.00065	-90.00	-160.00	0.00070
-80.00	-160.00	0.00075	-70.00	-160.00	0.00080
-60.00	-160.00	0.00083	-50.00	-160.00	0.00085
-40.00	-160.00	0.00084	-30.00	-160.00	0.00082
-25.00	-160.00	0.00080	-20.00	-160.00	0.00077
-17.00	-160.00	0.00076	-15.00	-160.00	0.00075
-13.00	-160.00	0.00073	-11.00	-160.00	0.00072
-9.00	-160.00	0.00071	9.00	-160.00	0.00057
11.00	-160.00	0.00055	13.00	-160.00	0.00054
15.00	-160.00	0.00052	17.00	-160.00	0.00051
20.00	-160.00	0.00049	25.00	-160.00	0.00046
30.00	-160.00	0.00043	40.00	-160.00	0.00039
50.00	-160.00	0.00034	60.00	-160.00	0.00030
70.00	-160.00	0.00027	80.00	-160.00	0.00023
90.00	-160.00	0.00020	100.00	-160.00	0.00018
-100.00	-150.00	0.00070	-90.00	-150.00	0.00075
-80.00	-150.00	0.00081	-70.00	-150.00	0.00087
-60.00	-150.00	0.00092	-50.00	-150.00	0.00095
-40.00	-150.00	0.00095	-30.00	-150.00	0.00093
-25.00	-150.00	0.00091	-20.00	-150.00	0.00088
-17.00	-150.00	0.00086	-15.00	-150.00	0.00085
-13.00	-150.00	0.00083	-11.00	-150.00	0.00082
-9.00	-150.00	0.00080	9.00	-150.00	0.00063
11.00	-150.00	0.00061	13.00	-150.00	0.00060
15.00	-150.00	0.00058	17.00	-150.00	0.00056

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTS:
 PAGE 67
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00054	25.00	-150.00	0.00051
30.00	-150.00	0.00048	40.00	-150.00	0.00042
50.00	-150.00	0.00037	60.00	-150.00	0.00032
70.00	-150.00	0.00028	80.00	-150.00	0.00024
90.00	-150.00	0.00021	100.00	-150.00	0.00018
-100.00	-140.00	0.00075	-90.00	-140.00	0.00081
-80.00	-140.00	0.00088	-70.00	-140.00	0.00095
-60.00	-140.00	0.00102	-50.00	-140.00	0.00107
-40.00	-140.00	0.00108	-30.00	-140.00	0.00106
-25.00	-140.00	0.00104	-20.00	-140.00	0.00101
-17.00	-140.00	0.00099	-15.00	-140.00	0.00097
-13.00	-140.00	0.00095	-11.00	-140.00	0.00094
-9.00	-140.00	0.00092	9.00	-140.00	0.00071
11.00	-140.00	0.00069	13.00	-140.00	0.00067
15.00	-140.00	0.00065	17.00	-140.00	0.00063
20.00	-140.00	0.00060	25.00	-140.00	0.00056
30.00	-140.00	0.00053	40.00	-140.00	0.00046
50.00	-140.00	0.00040	60.00	-140.00	0.00034
70.00	-140.00	0.00029	80.00	-140.00	0.00025
90.00	-140.00	0.00022	100.00	-140.00	0.00019
-100.00	-130.00	0.00080	-90.00	-130.00	0.00088
-80.00	-130.00	0.00096	-70.00	-130.00	0.00104
-60.00	-130.00	0.00112	-50.00	-130.00	0.00120
-40.00	-130.00	0.00124	-30.00	-130.00	0.00123
-25.00	-130.00	0.00120	-20.00	-130.00	0.00117
-17.00	-130.00	0.00114	-15.00	-130.00	0.00112
-13.00	-130.00	0.00110	-11.00	-130.00	0.00108
-9.00	-130.00	0.00106	9.00	-130.00	0.00080
11.00	-130.00	0.00078	13.00	-130.00	0.00075
15.00	-130.00	0.00073	17.00	-130.00	0.00071
20.00	-130.00	0.00067	25.00	-130.00	0.00063
30.00	-130.00	0.00058	40.00	-130.00	0.00050
50.00	-130.00	0.00043	60.00	-130.00	0.00036
70.00	-130.00	0.00031	80.00	-130.00	0.00026
90.00	-130.00	0.00022	100.00	-130.00	0.00019
-100.00	-120.00	0.00086	-90.00	-120.00	0.00095
-80.00	-120.00	0.00104	-70.00	-120.00	0.00114
-60.00	-120.00	0.00124	-50.00	-120.00	0.00134
-40.00	-120.00	0.00141	-30.00	-120.00	0.00142
-25.00	-120.00	0.00140	-20.00	-120.00	0.00137

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:46:52
**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00134	-15.00	-120.00	0.00131
-13.00	-120.00	0.00129	-11.00	-120.00	0.00126
-9.00	-120.00	0.00123	9.00	-120.00	0.00091
11.00	-120.00	0.00088	13.00	-120.00	0.00085
15.00	-120.00	0.00082	17.00	-120.00	0.00080
20.00	-120.00	0.00076	25.00	-120.00	0.00070
30.00	-120.00	0.00064	40.00	-120.00	0.00054
50.00	-120.00	0.00046	60.00	-120.00	0.00038
70.00	-120.00	0.00032	80.00	-120.00	0.00027
90.00	-120.00	0.00023	100.00	-120.00	0.00020
-100.00	-110.00	0.00093	-90.00	-110.00	0.00102
-80.00	-110.00	0.00113	-70.00	-110.00	0.00125
-60.00	-110.00	0.00137	-50.00	-110.00	0.00150
-40.00	-110.00	0.00161	-30.00	-110.00	0.00166
-25.00	-110.00	0.00165	-20.00	-110.00	0.00161
-17.00	-110.00	0.00158	-15.00	-110.00	0.00156
-13.00	-110.00	0.00153	-11.00	-110.00	0.00149
-9.00	-110.00	0.00146	9.00	-110.00	0.00105
11.00	-110.00	0.00101	13.00	-110.00	0.00097
15.00	-110.00	0.00093	17.00	-110.00	0.00090
20.00	-110.00	0.00085	25.00	-110.00	0.00078
30.00	-110.00	0.00071	40.00	-110.00	0.00059
50.00	-110.00	0.00049	60.00	-110.00	0.00040
70.00	-110.00	0.00033	80.00	-110.00	0.00028
90.00	-110.00	0.00024	100.00	-110.00	0.00021
-100.00	-100.00	0.00099	-90.00	-100.00	0.00110
-80.00	-100.00	0.00122	-70.00	-100.00	0.00136
-60.00	-100.00	0.00152	-50.00	-100.00	0.00169
-40.00	-100.00	0.00184	-30.00	-100.00	0.00194
-25.00	-100.00	0.00195	-20.00	-100.00	0.00193
-17.00	-100.00	0.00189	-15.00	-100.00	0.00186
-13.00	-100.00	0.00183	-11.00	-100.00	0.00179
-9.00	-100.00	0.00174	9.00	-100.00	0.00121
11.00	-100.00	0.00116	13.00	-100.00	0.00111
15.00	-100.00	0.00107	17.00	-100.00	0.00102
20.00	-100.00	0.00096	25.00	-100.00	0.00087
30.00	-100.00	0.00079	40.00	-100.00	0.00064

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

50.00	-100.00	0.00051	60.00	-100.00	0.00042
70.00	-100.00	0.00035	80.00	-100.00	0.00029
90.00	-100.00	0.00025	100.00	-100.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00106	-90.00	-90.00	0.00118
-80.00	-90.00	0.00133	-70.00	-90.00	0.00149
-60.00	-90.00	0.00168	-50.00	-90.00	0.00189
-40.00	-90.00	0.00210	-30.00	-90.00	0.00227
-25.00	-90.00	0.00232	-20.00	-90.00	0.00232
-17.00	-90.00	0.00229	-15.00	-90.00	0.00226
-13.00	-90.00	0.00222	-11.00	-90.00	0.00217
-9.00	-90.00	0.00211	9.00	-90.00	0.00141
11.00	-90.00	0.00134	13.00	-90.00	0.00128
15.00	-90.00	0.00122	17.00	-90.00	0.00117
20.00	-90.00	0.00109	25.00	-90.00	0.00097
30.00	-90.00	0.00086	40.00	-90.00	0.00068
50.00	-90.00	0.00054	60.00	-90.00	0.00044
70.00	-90.00	0.00036	80.00	-90.00	0.00030
90.00	-90.00	0.00026	100.00	-90.00	0.00023
-100.00	-80.00	0.00112	-90.00	-80.00	0.00126
-80.00	-80.00	0.00143	-70.00	-80.00	0.00163
-60.00	-80.00	0.00185	-50.00	-80.00	0.00211
-40.00	-80.00	0.00238	-30.00	-80.00	0.00264
-25.00	-80.00	0.00273	-20.00	-80.00	0.00279
-17.00	-80.00	0.00278	-15.00	-80.00	0.00276
-13.00	-80.00	0.00272	-11.00	-80.00	0.00267
-9.00	-80.00	0.00260	9.00	-80.00	0.00164
11.00	-80.00	0.00155	13.00	-80.00	0.00147
15.00	-80.00	0.00140	17.00	-80.00	0.00132
20.00	-80.00	0.00122	25.00	-80.00	0.00107
30.00	-80.00	0.00093	40.00	-80.00	0.00072
50.00	-80.00	0.00057	60.00	-80.00	0.00046
70.00	-80.00	0.00038	80.00	-80.00	0.00032
90.00	-80.00	0.00027	100.00	-80.00	0.00024
-100.00	-70.00	0.00116	-90.00	-70.00	0.00132

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-80.00	-70.00	0.00152	-70.00	-70.00	0.00175
-60.00	-70.00	0.00203	-50.00	-70.00	0.00234
-40.00	-70.00	0.00269	-30.00	-70.00	0.00304
-25.00	-70.00	0.00320	-20.00	-70.00	0.00332
-17.00	-70.00	0.00336	-15.00	-70.00	0.00337
-13.00	-70.00	0.00335	-11.00	-70.00	0.00331
-9.00	-70.00	0.00324	9.00	-70.00	0.00191
11.00	-70.00	0.00179	13.00	-70.00	0.00168
15.00	-70.00	0.00158	17.00	-70.00	0.00148

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00135	25.00	-70.00	0.00115
30.00	-70.00	0.00100	40.00	-70.00	0.00076
50.00	-70.00	0.00060	60.00	-70.00	0.00048
70.00	-70.00	0.00040	80.00	-70.00	0.00033
90.00	-70.00	0.00028	100.00	-70.00	0.00024
-100.00	-60.00	0.00118	-90.00	-60.00	0.00136
-80.00	-60.00	0.00158	-70.00	-60.00	0.00184
-60.00	-60.00	0.00216	-50.00	-60.00	0.00255
-40.00	-60.00	0.00299	-30.00	-60.00	0.00347
-25.00	-60.00	0.00370	-20.00	-60.00	0.00391
-17.00	-60.00	0.00402	-15.00	-60.00	0.00407
-13.00	-60.00	0.00411	-11.00	-60.00	0.00412
-9.00	-60.00	0.00408	9.00	-60.00	0.00221
11.00	-60.00	0.00204	13.00	-60.00	0.00188
15.00	-60.00	0.00174	17.00	-60.00	0.00162
20.00	-60.00	0.00145	25.00	-60.00	0.00123
30.00	-60.00	0.00106	40.00	-60.00	0.00080
50.00	-60.00	0.00063	60.00	-60.00	0.00050
70.00	-60.00	0.00041	80.00	-60.00	0.00034
90.00	-60.00	0.00029	100.00	-60.00	0.00025
-100.00	-50.00	0.00118	-90.00	-50.00	0.00137
-80.00	-50.00	0.00160	-70.00	-50.00	0.00189
-60.00	-50.00	0.00224	-50.00	-50.00	0.00267
-40.00	-50.00	0.00320	-30.00	-50.00	0.00381
-25.00	-50.00	0.00414	-20.00	-50.00	0.00448

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-17.00	-50.00	0.00468	-15.00	-50.00	0.00481
-13.00	-50.00	0.00494	-11.00	-50.00	0.00508
-9.00	-50.00	0.00521	9.00	-50.00	0.00247
11.00	-50.00	0.00224	13.00	-50.00	0.00204
15.00	-50.00	0.00188	17.00	-50.00	0.00174
20.00	-50.00	0.00156	25.00	-50.00	0.00131
30.00	-50.00	0.00112	40.00	-50.00	0.00084
50.00	-50.00	0.00066	60.00	-50.00	0.00052
70.00	-50.00	0.00043	80.00	-50.00	0.00036
90.00	-50.00	0.00030	100.00	-50.00	0.00026
-100.00	-40.00	0.00115	-90.00	-40.00	0.00134
-80.00	-40.00	0.00158	-70.00	-40.00	0.00187
-60.00	-40.00	0.00223	-50.00	-40.00	0.00269
-40.00	-40.00	0.00325	-30.00	-40.00	0.00393
-25.00	-40.00	0.00431	-20.00	-40.00	0.00472

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00499	-15.00	-40.00	0.00517
-13.00	-40.00	0.00538	-11.00	-40.00	0.00562
-9.00	-40.00	0.00591	9.00	-40.00	0.00292
11.00	-40.00	0.00258	13.00	-40.00	0.00232
15.00	-40.00	0.00212	17.00	-40.00	0.00194
20.00	-40.00	0.00172	25.00	-40.00	0.00144
30.00	-40.00	0.00122	40.00	-40.00	0.00091
50.00	-40.00	0.00070	60.00	-40.00	0.00056
70.00	-40.00	0.00046	80.00	-40.00	0.00038
90.00	-40.00	0.00032	100.00	-40.00	0.00027
-100.00	-30.00	0.00109	-90.00	-30.00	0.00128
-80.00	-30.00	0.00151	-70.00	-30.00	0.00180
-60.00	-30.00	0.00217	-50.00	-30.00	0.00261
-40.00	-30.00	0.00318	-30.00	-30.00	0.00387
-25.00	-30.00	0.00428	-20.00	-30.00	0.00474
-17.00	-30.00	0.00504	-15.00	-30.00	0.00527
-13.00	-30.00	0.00554	-11.00	-30.00	0.00588
-9.00	-30.00	0.00639	9.00	-30.00	0.00395
11.00	-30.00	0.00341	13.00	-30.00	0.00301

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

15.00	-30.00	0.00269	17.00	-30.00	0.00242
20.00	-30.00	0.00210	25.00	-30.00	0.00170
30.00	-30.00	0.00141	40.00	-30.00	0.00102
50.00	-30.00	0.00077	60.00	-30.00	0.00061
70.00	-30.00	0.00050	80.00	-30.00	0.00041
90.00	-30.00	0.00034	100.00	-30.00	0.00029
-100.00	-20.00	0.00102	-90.00	-20.00	0.00120
-80.00	-20.00	0.00142	-70.00	-20.00	0.00170
-60.00	-20.00	0.00205	-50.00	-20.00	0.00249
-40.00	-20.00	0.00304	-30.00	-20.00	0.00375
-25.00	-20.00	0.00419	-20.00	-20.00	0.00473
-17.00	-20.00	0.00513	-15.00	-20.00	0.00546
-13.00	-20.00	0.00587	-11.00	-20.00	0.00641
-9.00	-20.00	0.00716	9.00	-20.00	0.00488
11.00	-20.00	0.00422	13.00	-20.00	0.00372
15.00	-20.00	0.00330	17.00	-20.00	0.00296
20.00	-20.00	0.00254	25.00	-20.00	0.00201
30.00	-20.00	0.00164	40.00	-20.00	0.00116
50.00	-20.00	0.00087	60.00	-20.00	0.00068
70.00	-20.00	0.00054	80.00	-20.00	0.00045
90.00	-20.00	0.00037	100.00	-20.00	0.00031

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00093	-90.00	-10.00	0.00110
-80.00	-10.00	0.00131	-70.00	-10.00	0.00157
-60.00	-10.00	0.00190	-50.00	-10.00	0.00233
-40.00	-10.00	0.00287	-30.00	-10.00	0.00359
-25.00	-10.00	0.00408	-20.00	-10.00	0.00473
-17.00	-10.00	0.00525	-15.00	-10.00	0.00570
-13.00	-10.00	0.00625	-11.00	-10.00	0.00694
-9.00	-10.00	0.00785	9.00	-10.00	0.00557
11.00	-10.00	0.00485	13.00	-10.00	0.00428
15.00	-10.00	0.00381	17.00	-10.00	0.00342
20.00	-10.00	0.00293	25.00	-10.00	0.00233
30.00	-10.00	0.00189	40.00	-10.00	0.00132
50.00	-10.00	0.00098	60.00	-10.00	0.00076

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

70.00	-10.00	0.00060	80.00	-10.00	0.00048
90.00	-10.00	0.00040	100.00	-10.00	0.00033
-100.00	0.00	0.00083	-90.00	0.00	0.00098
-80.00	0.00	0.00117	-70.00	0.00	0.00141
-60.00	0.00	0.00173	-50.00	0.00	0.00213
-40.00	0.00	0.00265	-30.00	0.00	0.00339
-25.00	0.00	0.00393	-20.00	0.00	0.00469
-17.00	0.00	0.00532	-15.00	0.00	0.00585
-13.00	0.00	0.00650	-11.00	0.00	0.00729
-9.00	0.00	0.00828	9.00	0.00	0.00604
11.00	0.00	0.00529	13.00	0.00	0.00469
15.00	0.00	0.00419	17.00	0.00	0.00376
20.00	0.00	0.00324	25.00	0.00	0.00258
30.00	0.00	0.00211	40.00	0.00	0.00148
50.00	0.00	0.00109	60.00	0.00	0.00083
70.00	0.00	0.00066	80.00	0.00	0.00053
90.00	0.00	0.00043	100.00	0.00	0.00036
-100.00	10.00	0.00073	-90.00	10.00	0.00086
-80.00	10.00	0.00102	-70.00	10.00	0.00124
-60.00	10.00	0.00152	-50.00	10.00	0.00190
-40.00	10.00	0.00240	-30.00	10.00	0.00316
-25.00	10.00	0.00373	-20.00	10.00	0.00455
-17.00	10.00	0.00525	-15.00	10.00	0.00583
-13.00	10.00	0.00653	-11.00	10.00	0.00738
-9.00	10.00	0.00843	9.00	10.00	0.00632
11.00	10.00	0.00556	13.00	10.00	0.00495
15.00	10.00	0.00445	17.00	10.00	0.00401

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
 PAGE 73

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00347	25.00	10.00	0.00279
30.00	10.00	0.00230	40.00	10.00	0.00162
50.00	10.00	0.00120	60.00	10.00	0.00091
70.00	10.00	0.00071	80.00	10.00	0.00057
90.00	10.00	0.00046	100.00	10.00	0.00038
-100.00	20.00	0.00064	-90.00	20.00	0.00074
-80.00	20.00	0.00088	-70.00	20.00	0.00106

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-60.00	20.00	0.00130	-50.00	20.00	0.00163
-40.00	20.00	0.00211	-30.00	20.00	0.00287
-25.00	20.00	0.00345	-20.00	20.00	0.00431
-17.00	20.00	0.00502	-15.00	20.00	0.00561
-13.00	20.00	0.00633	-11.00	20.00	0.00720
-9.00	20.00	0.00827	9.00	20.00	0.00645
11.00	20.00	0.00569	13.00	20.00	0.00510
15.00	20.00	0.00460	17.00	20.00	0.00418
20.00	20.00	0.00364	25.00	20.00	0.00296
30.00	20.00	0.00245	40.00	20.00	0.00175
50.00	20.00	0.00129	60.00	20.00	0.00098
70.00	20.00	0.00076	80.00	20.00	0.00061
90.00	20.00	0.00050	100.00	20.00	0.00041
-100.00	30.00	0.00056	-90.00	30.00	0.00065
-80.00	30.00	0.00076	-70.00	30.00	0.00091
-60.00	30.00	0.00111	-50.00	30.00	0.00139
-40.00	30.00	0.00180	-30.00	30.00	0.00252
-25.00	30.00	0.00310	-20.00	30.00	0.00394
-17.00	30.00	0.00464	-15.00	30.00	0.00521
-13.00	30.00	0.00590	-11.00	30.00	0.00674
-9.00	30.00	0.00778	9.00	30.00	0.00646
11.00	30.00	0.00574	13.00	30.00	0.00516
15.00	30.00	0.00470	17.00	30.00	0.00430
20.00	30.00	0.00378	25.00	30.00	0.00309
30.00	30.00	0.00256	40.00	30.00	0.00184
50.00	30.00	0.00137	60.00	30.00	0.00104
70.00	30.00	0.00082	80.00	30.00	0.00065
90.00	30.00	0.00053	100.00	30.00	0.00044
-100.00	40.00	0.00049	-90.00	40.00	0.00056
-80.00	40.00	0.00066	-70.00	40.00	0.00079
-60.00	40.00	0.00096	-50.00	40.00	0.00120
-40.00	40.00	0.00157	-30.00	40.00	0.00222
-25.00	40.00	0.00275	-20.00	40.00	0.00352

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
 PAGE 74
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00415	-15.00	40.00	0.00466

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-13.00	40.00	0.00528	-11.00	40.00	0.00602
-9.00	40.00	0.00694	9.00	40.00	0.00644
11.00	40.00	0.00576	13.00	40.00	0.00520
15.00	40.00	0.00475	17.00	40.00	0.00436
20.00	40.00	0.00385	25.00	40.00	0.00317
30.00	40.00	0.00265	40.00	40.00	0.00191
50.00	40.00	0.00143	60.00	40.00	0.00110
70.00	40.00	0.00086	80.00	40.00	0.00069
90.00	40.00	0.00056	100.00	40.00	0.00046
-100.00	50.00	0.00044	-90.00	50.00	0.00051
-80.00	50.00	0.00059	-70.00	50.00	0.00071
-60.00	50.00	0.00086	-50.00	50.00	0.00109
-40.00	50.00	0.00146	-30.00	50.00	0.00210
-25.00	50.00	0.00262	-20.00	50.00	0.00336
-17.00	50.00	0.00394	-15.00	50.00	0.00442
-13.00	50.00	0.00497	-11.00	50.00	0.00562
-9.00	50.00	0.00638	9.00	50.00	0.00610
11.00	50.00	0.00555	13.00	50.00	0.00507
15.00	50.00	0.00465	17.00	50.00	0.00429
20.00	50.00	0.00381	25.00	50.00	0.00316
30.00	50.00	0.00266	40.00	50.00	0.00194
50.00	50.00	0.00146	60.00	50.00	0.00113
70.00	50.00	0.00090	80.00	50.00	0.00072
90.00	50.00	0.00059	100.00	50.00	0.00048
-100.00	60.00	0.00041	-90.00	60.00	0.00047
-80.00	60.00	0.00056	-70.00	60.00	0.00067
-60.00	60.00	0.00082	-50.00	60.00	0.00105
-40.00	60.00	0.00143	-30.00	60.00	0.00209
-25.00	60.00	0.00261	-20.00	60.00	0.00334
-17.00	60.00	0.00391	-15.00	60.00	0.00435
-13.00	60.00	0.00485	-11.00	60.00	0.00540
-9.00	60.00	0.00596	9.00	60.00	0.00511
11.00	60.00	0.00477	13.00	60.00	0.00445
15.00	60.00	0.00416	17.00	60.00	0.00389
20.00	60.00	0.00351	25.00	60.00	0.00299
30.00	60.00	0.00255	40.00	60.00	0.00190
50.00	60.00	0.00145	60.00	60.00	0.00114
70.00	60.00	0.00091	80.00	60.00	0.00073
90.00	60.00	0.00060	100.00	60.00	0.00050

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:46:52

**MODELOPTs:

PAGE 75

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00039	-90.00	70.00	0.00045
-80.00	70.00	0.00053	-70.00	70.00	0.00064
-60.00	70.00	0.00079	-50.00	70.00	0.00103
-40.00	70.00	0.00142	-30.00	70.00	0.00208
-25.00	70.00	0.00259	-20.00	70.00	0.00325
-17.00	70.00	0.00374	-15.00	70.00	0.00409
-13.00	70.00	0.00445	-11.00	70.00	0.00480
-9.00	70.00	0.00512	9.00	70.00	0.00420
11.00	70.00	0.00397	13.00	70.00	0.00376
15.00	70.00	0.00356	17.00	70.00	0.00337
20.00	70.00	0.00310	25.00	70.00	0.00270
30.00	70.00	0.00236	40.00	70.00	0.00181
50.00	70.00	0.00141	60.00	70.00	0.00112
70.00	70.00	0.00090	80.00	70.00	0.00074
90.00	70.00	0.00061	100.00	70.00	0.00051
-100.00	80.00	0.00037	-90.00	80.00	0.00043
-80.00	80.00	0.00051	-70.00	80.00	0.00062
-60.00	80.00	0.00078	-50.00	80.00	0.00102
-40.00	80.00	0.00140	-30.00	80.00	0.00204
-25.00	80.00	0.00250	-20.00	80.00	0.00305
-17.00	80.00	0.00342	-15.00	80.00	0.00367
-13.00	80.00	0.00390	-11.00	80.00	0.00410
-9.00	80.00	0.00426	9.00	80.00	0.00346
11.00	80.00	0.00331	13.00	80.00	0.00317
15.00	80.00	0.00303	17.00	80.00	0.00289
20.00	80.00	0.00270	25.00	80.00	0.00240
30.00	80.00	0.00213	40.00	80.00	0.00168
50.00	80.00	0.00134	60.00	80.00	0.00108
70.00	80.00	0.00088	80.00	80.00	0.00073
90.00	80.00	0.00061	100.00	80.00	0.00051
-100.00	90.00	0.00036	-90.00	90.00	0.00042
-80.00	90.00	0.00050	-70.00	90.00	0.00061
-60.00	90.00	0.00077	-50.00	90.00	0.00101
-40.00	90.00	0.00138	-30.00	90.00	0.00196
-25.00	90.00	0.00235	-20.00	90.00	0.00278
-17.00	90.00	0.00304	-15.00	90.00	0.00320
-13.00	90.00	0.00335	-11.00	90.00	0.00346
-9.00	90.00	0.00354	9.00	90.00	0.00289
11.00	90.00	0.00278	13.00	90.00	0.00268

15.00 90.00 0.00258 17.00 90.00 0.00248

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:
 PAGE 76

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00234	25.00	90.00	0.00211
30.00	90.00	0.00190	40.00	90.00	0.00154
50.00	90.00	0.00126	60.00	90.00	0.00103
70.00	90.00	0.00085	80.00	90.00	0.00071
90.00	90.00	0.00060	100.00	90.00	0.00051
-100.00	100.00	0.00035	-90.00	100.00	0.00041
-80.00	100.00	0.00049	-70.00	100.00	0.00060
-60.00	100.00	0.00075	-50.00	100.00	0.00099
-40.00	100.00	0.00134	-30.00	100.00	0.00185
-25.00	100.00	0.00217	-20.00	100.00	0.00249
-17.00	100.00	0.00267	-15.00	100.00	0.00277
-13.00	100.00	0.00286	-11.00	100.00	0.00292
-9.00	100.00	0.00296	9.00	100.00	0.00243
11.00	100.00	0.00235	13.00	100.00	0.00228
15.00	100.00	0.00220	17.00	100.00	0.00213
20.00	100.00	0.00203	25.00	100.00	0.00186
30.00	100.00	0.00170	40.00	100.00	0.00140
50.00	100.00	0.00117	60.00	100.00	0.00097
70.00	100.00	0.00081	80.00	100.00	0.00069
90.00	100.00	0.00058	100.00	100.00	0.00050
-100.00	110.00	0.00034	-90.00	110.00	0.00040
-80.00	110.00	0.00048	-70.00	110.00	0.00059
-60.00	110.00	0.00074	-50.00	110.00	0.00096
-40.00	110.00	0.00129	-30.00	110.00	0.00173
-25.00	110.00	0.00197	-20.00	110.00	0.00221
-17.00	110.00	0.00233	-15.00	110.00	0.00239
-13.00	110.00	0.00244	-11.00	110.00	0.00248
-9.00	110.00	0.00250	9.00	110.00	0.00208
11.00	110.00	0.00201	13.00	110.00	0.00195
15.00	110.00	0.00190	17.00	110.00	0.00184
20.00	110.00	0.00177	25.00	110.00	0.00164
30.00	110.00	0.00151	40.00	110.00	0.00128
50.00	110.00	0.00107	60.00	110.00	0.00091

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

70.00	110.00	0.00077	80.00	110.00	0.00066
90.00	110.00	0.00056	100.00	110.00	0.00049
-100.00	120.00	0.00033	-90.00	120.00	0.00039
-80.00	120.00	0.00047	-70.00	120.00	0.00057
-60.00	120.00	0.00072	-50.00	120.00	0.00094
-40.00	120.00	0.00123	-30.00	120.00	0.00159
-25.00	120.00	0.00178	-20.00	120.00	0.00195

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:
 PAGE 77

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00203	-15.00	120.00	0.00207
-13.00	120.00	0.00210	-11.00	120.00	0.00212
-9.00	120.00	0.00213	9.00	120.00	0.00179
11.00	120.00	0.00174	13.00	120.00	0.00169
15.00	120.00	0.00165	17.00	120.00	0.00161
20.00	120.00	0.00154	25.00	120.00	0.00145
30.00	120.00	0.00135	40.00	120.00	0.00116
50.00	120.00	0.00099	60.00	120.00	0.00085
70.00	120.00	0.00073	80.00	120.00	0.00063
90.00	120.00	0.00054	100.00	120.00	0.00047
-100.00	130.00	0.00033	-90.00	130.00	0.00038
-80.00	130.00	0.00046	-70.00	130.00	0.00056
-60.00	130.00	0.00071	-50.00	130.00	0.00090
-40.00	130.00	0.00116	-30.00	130.00	0.00146
-25.00	130.00	0.00160	-20.00	130.00	0.00173
-17.00	130.00	0.00178	-15.00	130.00	0.00181
-13.00	130.00	0.00182	-11.00	130.00	0.00183
-9.00	130.00	0.00183	9.00	130.00	0.00156
11.00	130.00	0.00152	13.00	130.00	0.00148
15.00	130.00	0.00144	17.00	130.00	0.00141
20.00	130.00	0.00136	25.00	130.00	0.00128
30.00	130.00	0.00120	40.00	130.00	0.00105
50.00	130.00	0.00091	60.00	130.00	0.00079
70.00	130.00	0.00068	80.00	130.00	0.00060
90.00	130.00	0.00052	100.00	130.00	0.00046
-100.00	140.00	0.00032	-90.00	140.00	0.00038
-80.00	140.00	0.00045	-70.00	140.00	0.00055

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-60.00	140.00	0.00069	-50.00	140.00	0.00087
-40.00	140.00	0.00109	-30.00	140.00	0.00133
-25.00	140.00	0.00144	-20.00	140.00	0.00153
-17.00	140.00	0.00157	-15.00	140.00	0.00158
-13.00	140.00	0.00159	-11.00	140.00	0.00160
-9.00	140.00	0.00159	9.00	140.00	0.00137
11.00	140.00	0.00134	13.00	140.00	0.00130
15.00	140.00	0.00127	17.00	140.00	0.00124
20.00	140.00	0.00120	25.00	140.00	0.00114
30.00	140.00	0.00108	40.00	140.00	0.00096
50.00	140.00	0.00084	60.00	140.00	0.00073
70.00	140.00	0.00064	80.00	140.00	0.00056
90.00	140.00	0.00050	100.00	140.00	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00031	-90.00	150.00	0.00037
-80.00	150.00	0.00044	-70.00	150.00	0.00054
-60.00	150.00	0.00067	-50.00	150.00	0.00083
-40.00	150.00	0.00102	-30.00	150.00	0.00122
-25.00	150.00	0.00130	-20.00	150.00	0.00136
-17.00	150.00	0.00139	-15.00	150.00	0.00140
-13.00	150.00	0.00140	-11.00	150.00	0.00140
-9.00	150.00	0.00140	9.00	150.00	0.00121
11.00	150.00	0.00118	13.00	150.00	0.00116
15.00	150.00	0.00113	17.00	150.00	0.00111
20.00	150.00	0.00107	25.00	150.00	0.00102
30.00	150.00	0.00097	40.00	150.00	0.00087
50.00	150.00	0.00077	60.00	150.00	0.00068
70.00	150.00	0.00060	80.00	150.00	0.00053
90.00	150.00	0.00047	100.00	150.00	0.00042
-100.00	160.00	0.00031	-90.00	160.00	0.00036
-80.00	160.00	0.00043	-70.00	160.00	0.00052
-60.00	160.00	0.00064	-50.00	160.00	0.00079
-40.00	160.00	0.00095	-30.00	160.00	0.00111
-25.00	160.00	0.00117	-20.00	160.00	0.00122
-17.00	160.00	0.00123	-15.00	160.00	0.00124

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-13.00	160.00	0.00124	-11.00	160.00	0.00124
-9.00	160.00	0.00123	9.00	160.00	0.00108
11.00	160.00	0.00106	13.00	160.00	0.00103
15.00	160.00	0.00101	17.00	160.00	0.00099
20.00	160.00	0.00096	25.00	160.00	0.00092
30.00	160.00	0.00088	40.00	160.00	0.00080
50.00	160.00	0.00071	60.00	160.00	0.00064
70.00	160.00	0.00056	80.00	160.00	0.00050
90.00	160.00	0.00045	100.00	160.00	0.00040
-100.00	170.00	0.00030	-90.00	170.00	0.00036
-80.00	170.00	0.00042	-70.00	170.00	0.00051
-60.00	170.00	0.00062	-50.00	170.00	0.00075
-40.00	170.00	0.00089	-30.00	170.00	0.00101
-25.00	170.00	0.00106	-20.00	170.00	0.00109
-17.00	170.00	0.00110	-15.00	170.00	0.00111
-13.00	170.00	0.00111	-11.00	170.00	0.00110
-9.00	170.00	0.00110	9.00	170.00	0.00097
11.00	170.00	0.00095	13.00	170.00	0.00093
15.00	170.00	0.00091	17.00	170.00	0.00089

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

PAGE 79

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00087	25.00	170.00	0.00083
30.00	170.00	0.00080	40.00	170.00	0.00073
50.00	170.00	0.00066	60.00	170.00	0.00059
70.00	170.00	0.00053	80.00	170.00	0.00047
90.00	170.00	0.00042	100.00	170.00	0.00038
-100.00	180.00	0.00030	-90.00	180.00	0.00035
-80.00	180.00	0.00041	-70.00	180.00	0.00050
-60.00	180.00	0.00060	-50.00	180.00	0.00071
-40.00	180.00	0.00083	-30.00	180.00	0.00093
-25.00	180.00	0.00096	-20.00	180.00	0.00099
-17.00	180.00	0.00099	-15.00	180.00	0.00099
-13.00	180.00	0.00099	-11.00	180.00	0.00099
-9.00	180.00	0.00098	9.00	180.00	0.00087
11.00	180.00	0.00086	13.00	180.00	0.00084
15.00	180.00	0.00082	17.00	180.00	0.00081

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

20.00	180.00	0.00079	25.00	180.00	0.00075
30.00	180.00	0.00072	40.00	180.00	0.00067
50.00	180.00	0.00061	60.00	180.00	0.00055
70.00	180.00	0.00050	80.00	180.00	0.00045
90.00	180.00	0.00040	100.00	180.00	0.00036
-100.00	190.00	0.00029	-90.00	190.00	0.00034
-80.00	190.00	0.00040	-70.00	190.00	0.00048
-60.00	190.00	0.00057	-50.00	190.00	0.00067
-40.00	190.00	0.00077	-30.00	190.00	0.00085
-25.00	190.00	0.00088	-20.00	190.00	0.00089
-17.00	190.00	0.00090	-15.00	190.00	0.00090
-13.00	190.00	0.00090	-11.00	190.00	0.00089
-9.00	190.00	0.00089	9.00	190.00	0.00079
11.00	190.00	0.00078	13.00	190.00	0.00076
15.00	190.00	0.00075	17.00	190.00	0.00074
20.00	190.00	0.00072	25.00	190.00	0.00069
30.00	190.00	0.00066	40.00	190.00	0.00061
50.00	190.00	0.00057	60.00	190.00	0.00052
70.00	190.00	0.00047	80.00	190.00	0.00042
90.00	190.00	0.00038	100.00	190.00	0.00035
-100.00	200.00	0.00029	-90.00	200.00	0.00033
-80.00	200.00	0.00039	-70.00	200.00	0.00046
-60.00	200.00	0.00055	-50.00	200.00	0.00063
-40.00	200.00	0.00072	-30.00	200.00	0.00078
-25.00	200.00	0.00080	-20.00	200.00	0.00081

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

*** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00081	-15.00	200.00	0.00081
-13.00	200.00	0.00081	-11.00	200.00	0.00081
-9.00	200.00	0.00080	9.00	200.00	0.00072
11.00	200.00	0.00071	13.00	200.00	0.00070
15.00	200.00	0.00069	17.00	200.00	0.00067
20.00	200.00	0.00066	25.00	200.00	0.00063
30.00	200.00	0.00061	40.00	200.00	0.00057
50.00	200.00	0.00052	60.00	200.00	0.00048
70.00	200.00	0.00044	80.00	200.00	0.00040

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

90.00	200.00	0.00036	100.00	200.00	0.00033
-100.00	210.00	0.00028	-90.00	210.00	0.00033
-80.00	210.00	0.00038	-70.00	210.00	0.00045
-60.00	210.00	0.00052	-50.00	210.00	0.00060
-40.00	210.00	0.00067	-30.00	210.00	0.00072
-25.00	210.00	0.00073	-20.00	210.00	0.00074
-17.00	210.00	0.00074	-15.00	210.00	0.00074
-13.00	210.00	0.00074	-11.00	210.00	0.00074
-9.00	210.00	0.00073	9.00	210.00	0.00066
11.00	210.00	0.00065	13.00	210.00	0.00064
15.00	210.00	0.00063	17.00	210.00	0.00062
20.00	210.00	0.00060	25.00	210.00	0.00058
30.00	210.00	0.00056	40.00	210.00	0.00052
50.00	210.00	0.00049	60.00	210.00	0.00045
70.00	210.00	0.00042	80.00	210.00	0.00038
90.00	210.00	0.00035	100.00	210.00	0.00032
-100.00	220.00	0.00028	-90.00	220.00	0.00032
-80.00	220.00	0.00037	-70.00	220.00	0.00043
-60.00	220.00	0.00050	-50.00	220.00	0.00056
-40.00	220.00	0.00062	-30.00	220.00	0.00066
-25.00	220.00	0.00067	-20.00	220.00	0.00068
-17.00	220.00	0.00068	-15.00	220.00	0.00068
-13.00	220.00	0.00068	-11.00	220.00	0.00067
-9.00	220.00	0.00067	9.00	220.00	0.00060
11.00	220.00	0.00060	13.00	220.00	0.00059
15.00	220.00	0.00058	17.00	220.00	0.00057
20.00	220.00	0.00056	25.00	220.00	0.00054
30.00	220.00	0.00052	40.00	220.00	0.00049
50.00	220.00	0.00045	60.00	220.00	0.00042
70.00	220.00	0.00039	80.00	220.00	0.00036
90.00	220.00	0.00033	100.00	220.00	0.00030

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00027	-90.00	230.00	0.00031
-80.00	230.00	0.00036	-70.00	230.00	0.00042
-60.00	230.00	0.00047	-50.00	230.00	0.00053

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-40.00	230.00	0.00058	-30.00	230.00	0.00061
-25.00	230.00	0.00062	-20.00	230.00	0.00063
-17.00	230.00	0.00062	-15.00	230.00	0.00062
-13.00	230.00	0.00062	-11.00	230.00	0.00062
-9.00	230.00	0.00061	9.00	230.00	0.00056
11.00	230.00	0.00055	13.00	230.00	0.00054
15.00	230.00	0.00053	17.00	230.00	0.00053
20.00	230.00	0.00052	25.00	230.00	0.00050
30.00	230.00	0.00048	40.00	230.00	0.00045
50.00	230.00	0.00042	60.00	230.00	0.00040
70.00	230.00	0.00037	80.00	230.00	0.00034
90.00	230.00	0.00031	100.00	230.00	0.00029
-100.00	240.00	0.00027	-90.00	240.00	0.00030
-80.00	240.00	0.00035	-70.00	240.00	0.00040
-60.00	240.00	0.00045	-50.00	240.00	0.00050
-40.00	240.00	0.00054	-30.00	240.00	0.00057
-25.00	240.00	0.00058	-20.00	240.00	0.00058
-17.00	240.00	0.00058	-15.00	240.00	0.00057
-13.00	240.00	0.00057	-11.00	240.00	0.00057
-9.00	240.00	0.00057	9.00	240.00	0.00052
11.00	240.00	0.00051	13.00	240.00	0.00050
15.00	240.00	0.00050	17.00	240.00	0.00049
20.00	240.00	0.00048	25.00	240.00	0.00046
30.00	240.00	0.00045	40.00	240.00	0.00042
50.00	240.00	0.00040	60.00	240.00	0.00037
70.00	240.00	0.00035	80.00	240.00	0.00032
90.00	240.00	0.00030	100.00	240.00	0.00028
-100.00	250.00	0.00026	-90.00	250.00	0.00030
-80.00	250.00	0.00034	-70.00	250.00	0.00038
-60.00	250.00	0.00043	-50.00	250.00	0.00047
-40.00	250.00	0.00051	-30.00	250.00	0.00053
-25.00	250.00	0.00053	-20.00	250.00	0.00053
-17.00	250.00	0.00053	-15.00	250.00	0.00053
-13.00	250.00	0.00053	-11.00	250.00	0.00053
-9.00	250.00	0.00052	9.00	250.00	0.00048
11.00	250.00	0.00047	13.00	250.00	0.00047
15.00	250.00	0.00046	17.00	250.00	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

04NCRA_NAPA00-300 DPM TRAV ANN N-S Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00045	25.00	250.00	0.00043
30.00	250.00	0.00042	40.00	250.00	0.00039
50.00	250.00	0.00037	60.00	250.00	0.00035
70.00	250.00	0.00033	80.00	250.00	0.00031
90.00	250.00	0.00029	100.00	250.00	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
 PAGE 83

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00065	-90.00	-250.00	0.00070
-80.00	-250.00	0.00075	-70.00	-250.00	0.00080
-60.00	-250.00	0.00083	-50.00	-250.00	0.00085
-40.00	-250.00	0.00084	-30.00	-250.00	0.00082
-25.00	-250.00	0.00080	-20.00	-250.00	0.00077
-17.00	-250.00	0.00076	-15.00	-250.00	0.00075
-13.00	-250.00	0.00073	-11.00	-250.00	0.00072
-9.00	-250.00	0.00071	9.00	-250.00	0.00057
11.00	-250.00	0.00055	13.00	-250.00	0.00054
15.00	-250.00	0.00052	17.00	-250.00	0.00051
20.00	-250.00	0.00049	25.00	-250.00	0.00046
30.00	-250.00	0.00043	40.00	-250.00	0.00039
50.00	-250.00	0.00034	60.00	-250.00	0.00030
70.00	-250.00	0.00027	80.00	-250.00	0.00023
90.00	-250.00	0.00020	100.00	-250.00	0.00018
-100.00	-240.00	0.00070	-90.00	-240.00	0.00075
-80.00	-240.00	0.00081	-70.00	-240.00	0.00087
-60.00	-240.00	0.00092	-50.00	-240.00	0.00095
-40.00	-240.00	0.00095	-30.00	-240.00	0.00093
-25.00	-240.00	0.00091	-20.00	-240.00	0.00088
-17.00	-240.00	0.00086	-15.00	-240.00	0.00085
-13.00	-240.00	0.00083	-11.00	-240.00	0.00082
-9.00	-240.00	0.00080	9.00	-240.00	0.00063
11.00	-240.00	0.00061	13.00	-240.00	0.00060
15.00	-240.00	0.00058	17.00	-240.00	0.00056
20.00	-240.00	0.00054	25.00	-240.00	0.00051

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

30.00	-240.00	0.00048	40.00	-240.00	0.00042
50.00	-240.00	0.00037	60.00	-240.00	0.00032
70.00	-240.00	0.00028	80.00	-240.00	0.00024
90.00	-240.00	0.00021	100.00	-240.00	0.00018
-100.00	-230.00	0.00075	-90.00	-230.00	0.00081
-80.00	-230.00	0.00088	-70.00	-230.00	0.00095
-60.00	-230.00	0.00102	-50.00	-230.00	0.00107
-40.00	-230.00	0.00108	-30.00	-230.00	0.00106
-25.00	-230.00	0.00104	-20.00	-230.00	0.00101
-17.00	-230.00	0.00099	-15.00	-230.00	0.00097
-13.00	-230.00	0.00095	-11.00	-230.00	0.00094
-9.00	-230.00	0.00092	9.00	-230.00	0.00071
11.00	-230.00	0.00069	13.00	-230.00	0.00067
15.00	-230.00	0.00065	17.00	-230.00	0.00063

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

PAGE 84

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00060	25.00	-230.00	0.00056
30.00	-230.00	0.00053	40.00	-230.00	0.00046
50.00	-230.00	0.00040	60.00	-230.00	0.00034
70.00	-230.00	0.00029	80.00	-230.00	0.00025
90.00	-230.00	0.00022	100.00	-230.00	0.00019
-100.00	-220.00	0.00080	-90.00	-220.00	0.00088
-80.00	-220.00	0.00096	-70.00	-220.00	0.00104
-60.00	-220.00	0.00112	-50.00	-220.00	0.00120
-40.00	-220.00	0.00124	-30.00	-220.00	0.00123
-25.00	-220.00	0.00120	-20.00	-220.00	0.00117
-17.00	-220.00	0.00114	-15.00	-220.00	0.00112
-13.00	-220.00	0.00110	-11.00	-220.00	0.00108
-9.00	-220.00	0.00106	9.00	-220.00	0.00080
11.00	-220.00	0.00078	13.00	-220.00	0.00075
15.00	-220.00	0.00073	17.00	-220.00	0.00071
20.00	-220.00	0.00067	25.00	-220.00	0.00063
30.00	-220.00	0.00058	40.00	-220.00	0.00050
50.00	-220.00	0.00043	60.00	-220.00	0.00036
70.00	-220.00	0.00031	80.00	-220.00	0.00026
90.00	-220.00	0.00022	100.00	-220.00	0.00019

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-100.00	-210.00	0.00086	-90.00	-210.00	0.00095
-80.00	-210.00	0.00104	-70.00	-210.00	0.00114
-60.00	-210.00	0.00124	-50.00	-210.00	0.00134
-40.00	-210.00	0.00141	-30.00	-210.00	0.00142
-25.00	-210.00	0.00140	-20.00	-210.00	0.00137
-17.00	-210.00	0.00134	-15.00	-210.00	0.00131
-13.00	-210.00	0.00129	-11.00	-210.00	0.00126
-9.00	-210.00	0.00123	9.00	-210.00	0.00091
11.00	-210.00	0.00088	13.00	-210.00	0.00085
15.00	-210.00	0.00082	17.00	-210.00	0.00080
20.00	-210.00	0.00076	25.00	-210.00	0.00070
30.00	-210.00	0.00064	40.00	-210.00	0.00054
50.00	-210.00	0.00046	60.00	-210.00	0.00038
70.00	-210.00	0.00032	80.00	-210.00	0.00027
90.00	-210.00	0.00023	100.00	-210.00	0.00020
-100.00	-200.00	0.00093	-90.00	-200.00	0.00102
-80.00	-200.00	0.00113	-70.00	-200.00	0.00125
-60.00	-200.00	0.00137	-50.00	-200.00	0.00150
-40.00	-200.00	0.00161	-30.00	-200.00	0.00166
-25.00	-200.00	0.00165	-20.00	-200.00	0.00161

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTS:
 PAGE 85
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00158	-15.00	-200.00	0.00156
-13.00	-200.00	0.00153	-11.00	-200.00	0.00149
-9.00	-200.00	0.00146	9.00	-200.00	0.00105
11.00	-200.00	0.00101	13.00	-200.00	0.00097
15.00	-200.00	0.00093	17.00	-200.00	0.00090
20.00	-200.00	0.00085	25.00	-200.00	0.00078
30.00	-200.00	0.00071	40.00	-200.00	0.00059
50.00	-200.00	0.00049	60.00	-200.00	0.00040
70.00	-200.00	0.00033	80.00	-200.00	0.00028
90.00	-200.00	0.00024	100.00	-200.00	0.00021
-100.00	-190.00	0.00099	-90.00	-190.00	0.00110
-80.00	-190.00	0.00122	-70.00	-190.00	0.00136
-60.00	-190.00	0.00152	-50.00	-190.00	0.00169
-40.00	-190.00	0.00184	-30.00	-190.00	0.00194

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-25.00	-190.00	0.00195	-20.00	-190.00	0.00193
-17.00	-190.00	0.00189	-15.00	-190.00	0.00186
-13.00	-190.00	0.00183	-11.00	-190.00	0.00179
-9.00	-190.00	0.00174	9.00	-190.00	0.00121
11.00	-190.00	0.00116	13.00	-190.00	0.00111
15.00	-190.00	0.00107	17.00	-190.00	0.00102
20.00	-190.00	0.00096	25.00	-190.00	0.00087
30.00	-190.00	0.00079	40.00	-190.00	0.00064
50.00	-190.00	0.00051	60.00	-190.00	0.00042
70.00	-190.00	0.00035	80.00	-190.00	0.00029
90.00	-190.00	0.00025	100.00	-190.00	0.00022
-100.00	-180.00	0.00106	-90.00	-180.00	0.00118
-80.00	-180.00	0.00133	-70.00	-180.00	0.00149
-60.00	-180.00	0.00168	-50.00	-180.00	0.00189
-40.00	-180.00	0.00210	-30.00	-180.00	0.00227
-25.00	-180.00	0.00232	-20.00	-180.00	0.00232
-17.00	-180.00	0.00229	-15.00	-180.00	0.00226
-13.00	-180.00	0.00222	-11.00	-180.00	0.00217
-9.00	-180.00	0.00211	9.00	-180.00	0.00141
11.00	-180.00	0.00134	13.00	-180.00	0.00128
15.00	-180.00	0.00122	17.00	-180.00	0.00117
20.00	-180.00	0.00109	25.00	-180.00	0.00097
30.00	-180.00	0.00086	40.00	-180.00	0.00068
50.00	-180.00	0.00054	60.00	-180.00	0.00044
70.00	-180.00	0.00036	80.00	-180.00	0.00030
90.00	-180.00	0.00026	100.00	-180.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTS:

PAGE 86

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00112	-90.00	-170.00	0.00126
-80.00	-170.00	0.00143	-70.00	-170.00	0.00163
-60.00	-170.00	0.00185	-50.00	-170.00	0.00211
-40.00	-170.00	0.00238	-30.00	-170.00	0.00264
-25.00	-170.00	0.00273	-20.00	-170.00	0.00279
-17.00	-170.00	0.00278	-15.00	-170.00	0.00276
-13.00	-170.00	0.00272	-11.00	-170.00	0.00267
-9.00	-170.00	0.00260	9.00	-170.00	0.00164

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

11.00	-170.00	0.00155	13.00	-170.00	0.00147
15.00	-170.00	0.00140	17.00	-170.00	0.00132
20.00	-170.00	0.00122	25.00	-170.00	0.00107
30.00	-170.00	0.00093	40.00	-170.00	0.00072
50.00	-170.00	0.00057	60.00	-170.00	0.00046
70.00	-170.00	0.00038	80.00	-170.00	0.00032
90.00	-170.00	0.00027	100.00	-170.00	0.00024
-100.00	-160.00	0.00116	-90.00	-160.00	0.00132
-80.00	-160.00	0.00152	-70.00	-160.00	0.00175
-60.00	-160.00	0.00203	-50.00	-160.00	0.00234
-40.00	-160.00	0.00269	-30.00	-160.00	0.00304
-25.00	-160.00	0.00320	-20.00	-160.00	0.00332
-17.00	-160.00	0.00336	-15.00	-160.00	0.00337
-13.00	-160.00	0.00335	-11.00	-160.00	0.00331
-9.00	-160.00	0.00324	9.00	-160.00	0.00191
11.00	-160.00	0.00179	13.00	-160.00	0.00168
15.00	-160.00	0.00158	17.00	-160.00	0.00148
20.00	-160.00	0.00135	25.00	-160.00	0.00115
30.00	-160.00	0.00100	40.00	-160.00	0.00076
50.00	-160.00	0.00060	60.00	-160.00	0.00048
70.00	-160.00	0.00040	80.00	-160.00	0.00033
90.00	-160.00	0.00028	100.00	-160.00	0.00024
-100.00	-150.00	0.00118	-90.00	-150.00	0.00136
-80.00	-150.00	0.00158	-70.00	-150.00	0.00184
-60.00	-150.00	0.00216	-50.00	-150.00	0.00255
-40.00	-150.00	0.00299	-30.00	-150.00	0.00347
-25.00	-150.00	0.00370	-20.00	-150.00	0.00391
-17.00	-150.00	0.00402	-15.00	-150.00	0.00407
-13.00	-150.00	0.00411	-11.00	-150.00	0.00412
-9.00	-150.00	0.00408	9.00	-150.00	0.00221
11.00	-150.00	0.00204	13.00	-150.00	0.00188
15.00	-150.00	0.00174	17.00	-150.00	0.00162

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTS:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00145	25.00	-150.00	0.00123
30.00	-150.00	0.00106	40.00	-150.00	0.00080

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

50.00	-150.00	0.00063	60.00	-150.00	0.00050
70.00	-150.00	0.00041	80.00	-150.00	0.00034
90.00	-150.00	0.00029	100.00	-150.00	0.00025
-100.00	-140.00	0.00118	-90.00	-140.00	0.00137
-80.00	-140.00	0.00160	-70.00	-140.00	0.00189
-60.00	-140.00	0.00224	-50.00	-140.00	0.00267
-40.00	-140.00	0.00320	-30.00	-140.00	0.00381
-25.00	-140.00	0.00414	-20.00	-140.00	0.00448
-17.00	-140.00	0.00468	-15.00	-140.00	0.00481
-13.00	-140.00	0.00494	-11.00	-140.00	0.00508
-9.00	-140.00	0.00521	9.00	-140.00	0.00247
11.00	-140.00	0.00224	13.00	-140.00	0.00204
15.00	-140.00	0.00188	17.00	-140.00	0.00174
20.00	-140.00	0.00156	25.00	-140.00	0.00131
30.00	-140.00	0.00112	40.00	-140.00	0.00084
50.00	-140.00	0.00066	60.00	-140.00	0.00052
70.00	-140.00	0.00043	80.00	-140.00	0.00036
90.00	-140.00	0.00030	100.00	-140.00	0.00026
-100.00	-130.00	0.00115	-90.00	-130.00	0.00134
-80.00	-130.00	0.00158	-70.00	-130.00	0.00187
-60.00	-130.00	0.00223	-50.00	-130.00	0.00269
-40.00	-130.00	0.00325	-30.00	-130.00	0.00393
-25.00	-130.00	0.00431	-20.00	-130.00	0.00472
-17.00	-130.00	0.00499	-15.00	-130.00	0.00517
-13.00	-130.00	0.00538	-11.00	-130.00	0.00562
-9.00	-130.00	0.00591	9.00	-130.00	0.00292
11.00	-130.00	0.00258	13.00	-130.00	0.00232
15.00	-130.00	0.00212	17.00	-130.00	0.00194
20.00	-130.00	0.00172	25.00	-130.00	0.00144
30.00	-130.00	0.00122	40.00	-130.00	0.00091
50.00	-130.00	0.00070	60.00	-130.00	0.00056
70.00	-130.00	0.00046	80.00	-130.00	0.00038
90.00	-130.00	0.00032	100.00	-130.00	0.00027
-100.00	-120.00	0.00109	-90.00	-120.00	0.00128
-80.00	-120.00	0.00151	-70.00	-120.00	0.00180
-60.00	-120.00	0.00217	-50.00	-120.00	0.00261
-40.00	-120.00	0.00318	-30.00	-120.00	0.00387
-25.00	-120.00	0.00428	-20.00	-120.00	0.00474

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTS:
 PAGE 88

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

04NCRA NAPA00-300_DPM_TRAV_ANN N-S Bound
 INCLUDING SOURCE(S) : NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00504	-15.00	-120.00	0.00527
-13.00	-120.00	0.00554	-11.00	-120.00	0.00588
-9.00	-120.00	0.00639	9.00	-120.00	0.00395
11.00	-120.00	0.00341	13.00	-120.00	0.00301
15.00	-120.00	0.00269	17.00	-120.00	0.00242
20.00	-120.00	0.00210	25.00	-120.00	0.00170
30.00	-120.00	0.00141	40.00	-120.00	0.00102
50.00	-120.00	0.00077	60.00	-120.00	0.00061
70.00	-120.00	0.00050	80.00	-120.00	0.00041
90.00	-120.00	0.00034	100.00	-120.00	0.00029
-100.00	-110.00	0.00102	-90.00	-110.00	0.00120
-80.00	-110.00	0.00142	-70.00	-110.00	0.00170
-60.00	-110.00	0.00205	-50.00	-110.00	0.00249
-40.00	-110.00	0.00304	-30.00	-110.00	0.00375
-25.00	-110.00	0.00419	-20.00	-110.00	0.00473
-17.00	-110.00	0.00513	-15.00	-110.00	0.00546
-13.00	-110.00	0.00587	-11.00	-110.00	0.00641
-9.00	-110.00	0.00716	9.00	-110.00	0.00488
11.00	-110.00	0.00422	13.00	-110.00	0.00372
15.00	-110.00	0.00330	17.00	-110.00	0.00296
20.00	-110.00	0.00254	25.00	-110.00	0.00201
30.00	-110.00	0.00164	40.00	-110.00	0.00116
50.00	-110.00	0.00087	60.00	-110.00	0.00068
70.00	-110.00	0.00054	80.00	-110.00	0.00045
90.00	-110.00	0.00037	100.00	-110.00	0.00031
-100.00	-100.00	0.00093	-90.00	-100.00	0.00110
-80.00	-100.00	0.00131	-70.00	-100.00	0.00157
-60.00	-100.00	0.00190	-50.00	-100.00	0.00233
-40.00	-100.00	0.00287	-30.00	-100.00	0.00359
-25.00	-100.00	0.00408	-20.00	-100.00	0.00473
-17.00	-100.00	0.00525	-15.00	-100.00	0.00570
-13.00	-100.00	0.00625	-11.00	-100.00	0.00694
-9.00	-100.00	0.00785	9.00	-100.00	0.00557
11.00	-100.00	0.00485	13.00	-100.00	0.00428
15.00	-100.00	0.00381	17.00	-100.00	0.00342
20.00	-100.00	0.00293	25.00	-100.00	0.00233
30.00	-100.00	0.00189	40.00	-100.00	0.00132
50.00	-100.00	0.00098	60.00	-100.00	0.00076
70.00	-100.00	0.00060	80.00	-100.00	0.00048
90.00	-100.00	0.00040	100.00	-100.00	0.00033

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00083	-90.00	-90.00	0.00098
-80.00	-90.00	0.00117	-70.00	-90.00	0.00141
-60.00	-90.00	0.00173	-50.00	-90.00	0.00213
-40.00	-90.00	0.00265	-30.00	-90.00	0.00339
-25.00	-90.00	0.00393	-20.00	-90.00	0.00469
-17.00	-90.00	0.00532	-15.00	-90.00	0.00585
-13.00	-90.00	0.00650	-11.00	-90.00	0.00729
-9.00	-90.00	0.00828	9.00	-90.00	0.00604
11.00	-90.00	0.00529	13.00	-90.00	0.00469
15.00	-90.00	0.00419	17.00	-90.00	0.00376
20.00	-90.00	0.00324	25.00	-90.00	0.00258
30.00	-90.00	0.00211	40.00	-90.00	0.00148
50.00	-90.00	0.00109	60.00	-90.00	0.00083
70.00	-90.00	0.00066	80.00	-90.00	0.00053
90.00	-90.00	0.00043	100.00	-90.00	0.00036
-100.00	-80.00	0.00073	-90.00	-80.00	0.00086
-80.00	-80.00	0.00102	-70.00	-80.00	0.00124
-60.00	-80.00	0.00152	-50.00	-80.00	0.00190
-40.00	-80.00	0.00240	-30.00	-80.00	0.00316
-25.00	-80.00	0.00373	-20.00	-80.00	0.00455
-17.00	-80.00	0.00525	-15.00	-80.00	0.00583
-13.00	-80.00	0.00653	-11.00	-80.00	0.00738
-9.00	-80.00	0.00843	9.00	-80.00	0.00632
11.00	-80.00	0.00556	13.00	-80.00	0.00495
15.00	-80.00	0.00445	17.00	-80.00	0.00401
20.00	-80.00	0.00347	25.00	-80.00	0.00279
30.00	-80.00	0.00230	40.00	-80.00	0.00162
50.00	-80.00	0.00120	60.00	-80.00	0.00091
70.00	-80.00	0.00071	80.00	-80.00	0.00057
90.00	-80.00	0.00046	100.00	-80.00	0.00038
-100.00	-70.00	0.00064	-90.00	-70.00	0.00074
-80.00	-70.00	0.00088	-70.00	-70.00	0.00106
-60.00	-70.00	0.00130	-50.00	-70.00	0.00163
-40.00	-70.00	0.00211	-30.00	-70.00	0.00287

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-25.00	-70.00	0.00345	-20.00	-70.00	0.00431
-17.00	-70.00	0.00502	-15.00	-70.00	0.00561
-13.00	-70.00	0.00633	-11.00	-70.00	0.00720
-9.00	-70.00	0.00827	9.00	-70.00	0.00645
11.00	-70.00	0.00569	13.00	-70.00	0.00510
15.00	-70.00	0.00460	17.00	-70.00	0.00418

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00364	25.00	-70.00	0.00296
30.00	-70.00	0.00245	40.00	-70.00	0.00175
50.00	-70.00	0.00129	60.00	-70.00	0.00098
70.00	-70.00	0.00076	80.00	-70.00	0.00061
90.00	-70.00	0.00050	100.00	-70.00	0.00041
-100.00	-60.00	0.00056	-90.00	-60.00	0.00065
-80.00	-60.00	0.00076	-70.00	-60.00	0.00091
-60.00	-60.00	0.00111	-50.00	-60.00	0.00139
-40.00	-60.00	0.00180	-30.00	-60.00	0.00252
-25.00	-60.00	0.00310	-20.00	-60.00	0.00394
-17.00	-60.00	0.00464	-15.00	-60.00	0.00521
-13.00	-60.00	0.00590	-11.00	-60.00	0.00674
-9.00	-60.00	0.00778	9.00	-60.00	0.00646
11.00	-60.00	0.00574	13.00	-60.00	0.00516
15.00	-60.00	0.00470	17.00	-60.00	0.00430
20.00	-60.00	0.00378	25.00	-60.00	0.00309
30.00	-60.00	0.00256	40.00	-60.00	0.00184
50.00	-60.00	0.00137	60.00	-60.00	0.00104
70.00	-60.00	0.00082	80.00	-60.00	0.00065
90.00	-60.00	0.00053	100.00	-60.00	0.00044
-100.00	-50.00	0.00049	-90.00	-50.00	0.00056
-80.00	-50.00	0.00066	-70.00	-50.00	0.00079
-60.00	-50.00	0.00096	-50.00	-50.00	0.00120
-40.00	-50.00	0.00157	-30.00	-50.00	0.00222
-25.00	-50.00	0.00275	-20.00	-50.00	0.00352
-17.00	-50.00	0.00415	-15.00	-50.00	0.00466
-13.00	-50.00	0.00528	-11.00	-50.00	0.00602
-9.00	-50.00	0.00694	9.00	-50.00	0.00644

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

11.00	-50.00	0.00576	13.00	-50.00	0.00520
15.00	-50.00	0.00475	17.00	-50.00	0.00436
20.00	-50.00	0.00385	25.00	-50.00	0.00317
30.00	-50.00	0.00265	40.00	-50.00	0.00191
50.00	-50.00	0.00143	60.00	-50.00	0.00110
70.00	-50.00	0.00086	80.00	-50.00	0.00069
90.00	-50.00	0.00056	100.00	-50.00	0.00046
-100.00	-40.00	0.00044	-90.00	-40.00	0.00051
-80.00	-40.00	0.00059	-70.00	-40.00	0.00071
-60.00	-40.00	0.00086	-50.00	-40.00	0.00109
-40.00	-40.00	0.00146	-30.00	-40.00	0.00210
-25.00	-40.00	0.00262	-20.00	-40.00	0.00336

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00394	-15.00	-40.00	0.00442
-13.00	-40.00	0.00497	-11.00	-40.00	0.00562
-9.00	-40.00	0.00638	9.00	-40.00	0.00610
11.00	-40.00	0.00555	13.00	-40.00	0.00507
15.00	-40.00	0.00465	17.00	-40.00	0.00429
20.00	-40.00	0.00381	25.00	-40.00	0.00316
30.00	-40.00	0.00266	40.00	-40.00	0.00194
50.00	-40.00	0.00146	60.00	-40.00	0.00113
70.00	-40.00	0.00090	80.00	-40.00	0.00072
90.00	-40.00	0.00059	100.00	-40.00	0.00048
-100.00	-30.00	0.00041	-90.00	-30.00	0.00047
-80.00	-30.00	0.00056	-70.00	-30.00	0.00067
-60.00	-30.00	0.00082	-50.00	-30.00	0.00105
-40.00	-30.00	0.00143	-30.00	-30.00	0.00209
-25.00	-30.00	0.00261	-20.00	-30.00	0.00334
-17.00	-30.00	0.00391	-15.00	-30.00	0.00435
-13.00	-30.00	0.00485	-11.00	-30.00	0.00540
-9.00	-30.00	0.00596	9.00	-30.00	0.00511
11.00	-30.00	0.00477	13.00	-30.00	0.00445
15.00	-30.00	0.00416	17.00	-30.00	0.00389
20.00	-30.00	0.00351	25.00	-30.00	0.00299
30.00	-30.00	0.00255	40.00	-30.00	0.00190

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

50.00	-30.00	0.00145	60.00	-30.00	0.00114
70.00	-30.00	0.00091	80.00	-30.00	0.00073
90.00	-30.00	0.00060	100.00	-30.00	0.00050
-100.00	-20.00	0.00039	-90.00	-20.00	0.00045
-80.00	-20.00	0.00053	-70.00	-20.00	0.00064
-60.00	-20.00	0.00079	-50.00	-20.00	0.00103
-40.00	-20.00	0.00142	-30.00	-20.00	0.00208
-25.00	-20.00	0.00259	-20.00	-20.00	0.00325
-17.00	-20.00	0.00374	-15.00	-20.00	0.00409
-13.00	-20.00	0.00445	-11.00	-20.00	0.00480
-9.00	-20.00	0.00512	9.00	-20.00	0.00420
11.00	-20.00	0.00397	13.00	-20.00	0.00376
15.00	-20.00	0.00356	17.00	-20.00	0.00337
20.00	-20.00	0.00310	25.00	-20.00	0.00270
30.00	-20.00	0.00236	40.00	-20.00	0.00181
50.00	-20.00	0.00141	60.00	-20.00	0.00112
70.00	-20.00	0.00090	80.00	-20.00	0.00074
90.00	-20.00	0.00061	100.00	-20.00	0.00051

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00037	-90.00	-10.00	0.00043
-80.00	-10.00	0.00051	-70.00	-10.00	0.00062
-60.00	-10.00	0.00078	-50.00	-10.00	0.00102
-40.00	-10.00	0.00140	-30.00	-10.00	0.00204
-25.00	-10.00	0.00250	-20.00	-10.00	0.00305
-17.00	-10.00	0.00342	-15.00	-10.00	0.00367
-13.00	-10.00	0.00390	-11.00	-10.00	0.00410
-9.00	-10.00	0.00426	9.00	-10.00	0.00346
11.00	-10.00	0.00331	13.00	-10.00	0.00317
15.00	-10.00	0.00303	17.00	-10.00	0.00289
20.00	-10.00	0.00270	25.00	-10.00	0.00240
30.00	-10.00	0.00213	40.00	-10.00	0.00168
50.00	-10.00	0.00134	60.00	-10.00	0.00108
70.00	-10.00	0.00088	80.00	-10.00	0.00073
90.00	-10.00	0.00061	100.00	-10.00	0.00051
-100.00	0.00	0.00036	-90.00	0.00	0.00042

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-80.00	0.00	0.00050	-70.00	0.00	0.00061
-60.00	0.00	0.00077	-50.00	0.00	0.00101
-40.00	0.00	0.00138	-30.00	0.00	0.00196
-25.00	0.00	0.00235	-20.00	0.00	0.00278
-17.00	0.00	0.00304	-15.00	0.00	0.00320
-13.00	0.00	0.00335	-11.00	0.00	0.00346
-9.00	0.00	0.00354	9.00	0.00	0.00289
11.00	0.00	0.00278	13.00	0.00	0.00268
15.00	0.00	0.00258	17.00	0.00	0.00248
20.00	0.00	0.00234	25.00	0.00	0.00211
30.00	0.00	0.00190	40.00	0.00	0.00154
50.00	0.00	0.00126	60.00	0.00	0.00103
70.00	0.00	0.00085	80.00	0.00	0.00071
90.00	0.00	0.00060	100.00	0.00	0.00051
-100.00	10.00	0.00035	-90.00	10.00	0.00041
-80.00	10.00	0.00049	-70.00	10.00	0.00060
-60.00	10.00	0.00075	-50.00	10.00	0.00099
-40.00	10.00	0.00134	-30.00	10.00	0.00185
-25.00	10.00	0.00217	-20.00	10.00	0.00249
-17.00	10.00	0.00267	-15.00	10.00	0.00277
-13.00	10.00	0.00286	-11.00	10.00	0.00292
-9.00	10.00	0.00296	9.00	10.00	0.00243
11.00	10.00	0.00235	13.00	10.00	0.00228
15.00	10.00	0.00220	17.00	10.00	0.00213

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00203	25.00	10.00	0.00186
30.00	10.00	0.00170	40.00	10.00	0.00140
50.00	10.00	0.00117	60.00	10.00	0.00097
70.00	10.00	0.00081	80.00	10.00	0.00069
90.00	10.00	0.00058	100.00	10.00	0.00050
-100.00	20.00	0.00034	-90.00	20.00	0.00040
-80.00	20.00	0.00048	-70.00	20.00	0.00059
-60.00	20.00	0.00074	-50.00	20.00	0.00096
-40.00	20.00	0.00129	-30.00	20.00	0.00173
-25.00	20.00	0.00197	-20.00	20.00	0.00221

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-17.00	20.00	0.00233	-15.00	20.00	0.00239
-13.00	20.00	0.00244	-11.00	20.00	0.00248
-9.00	20.00	0.00250	9.00	20.00	0.00208
11.00	20.00	0.00201	13.00	20.00	0.00195
15.00	20.00	0.00190	17.00	20.00	0.00184
20.00	20.00	0.00177	25.00	20.00	0.00164
30.00	20.00	0.00151	40.00	20.00	0.00128
50.00	20.00	0.00107	60.00	20.00	0.00091
70.00	20.00	0.00077	80.00	20.00	0.00066
90.00	20.00	0.00056	100.00	20.00	0.00049
-100.00	30.00	0.00033	-90.00	30.00	0.00039
-80.00	30.00	0.00047	-70.00	30.00	0.00057
-60.00	30.00	0.00072	-50.00	30.00	0.00094
-40.00	30.00	0.00123	-30.00	30.00	0.00159
-25.00	30.00	0.00178	-20.00	30.00	0.00195
-17.00	30.00	0.00203	-15.00	30.00	0.00207
-13.00	30.00	0.00210	-11.00	30.00	0.00212
-9.00	30.00	0.00213	9.00	30.00	0.00179
11.00	30.00	0.00174	13.00	30.00	0.00169
15.00	30.00	0.00165	17.00	30.00	0.00161
20.00	30.00	0.00154	25.00	30.00	0.00145
30.00	30.00	0.00135	40.00	30.00	0.00116
50.00	30.00	0.00099	60.00	30.00	0.00085
70.00	30.00	0.00073	80.00	30.00	0.00063
90.00	30.00	0.00054	100.00	30.00	0.00047
-100.00	40.00	0.00033	-90.00	40.00	0.00038
-80.00	40.00	0.00046	-70.00	40.00	0.00056
-60.00	40.00	0.00071	-50.00	40.00	0.00090
-40.00	40.00	0.00116	-30.00	40.00	0.00146
-25.00	40.00	0.00160	-20.00	40.00	0.00173

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00178	-15.00	40.00	0.00181
-13.00	40.00	0.00182	-11.00	40.00	0.00183
-9.00	40.00	0.00183	9.00	40.00	0.00156
11.00	40.00	0.00152	13.00	40.00	0.00148

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

15.00	40.00	0.00144	17.00	40.00	0.00141
20.00	40.00	0.00136	25.00	40.00	0.00128
30.00	40.00	0.00120	40.00	40.00	0.00105
50.00	40.00	0.00091	60.00	40.00	0.00079
70.00	40.00	0.00068	80.00	40.00	0.00060
90.00	40.00	0.00052	100.00	40.00	0.00046
-100.00	50.00	0.00032	-90.00	50.00	0.00038
-80.00	50.00	0.00045	-70.00	50.00	0.00055
-60.00	50.00	0.00069	-50.00	50.00	0.00087
-40.00	50.00	0.00109	-30.00	50.00	0.00133
-25.00	50.00	0.00144	-20.00	50.00	0.00153
-17.00	50.00	0.00157	-15.00	50.00	0.00158
-13.00	50.00	0.00159	-11.00	50.00	0.00160
-9.00	50.00	0.00159	9.00	50.00	0.00137
11.00	50.00	0.00134	13.00	50.00	0.00130
15.00	50.00	0.00127	17.00	50.00	0.00124
20.00	50.00	0.00120	25.00	50.00	0.00114
30.00	50.00	0.00108	40.00	50.00	0.00096
50.00	50.00	0.00084	60.00	50.00	0.00073
70.00	50.00	0.00064	80.00	50.00	0.00056
90.00	50.00	0.00050	100.00	50.00	0.00044
-100.00	60.00	0.00031	-90.00	60.00	0.00037
-80.00	60.00	0.00044	-70.00	60.00	0.00054
-60.00	60.00	0.00067	-50.00	60.00	0.00083
-40.00	60.00	0.00102	-30.00	60.00	0.00122
-25.00	60.00	0.00130	-20.00	60.00	0.00136
-17.00	60.00	0.00139	-15.00	60.00	0.00140
-13.00	60.00	0.00140	-11.00	60.00	0.00140
-9.00	60.00	0.00140	9.00	60.00	0.00121
11.00	60.00	0.00118	13.00	60.00	0.00116
15.00	60.00	0.00113	17.00	60.00	0.00111
20.00	60.00	0.00107	25.00	60.00	0.00102
30.00	60.00	0.00097	40.00	60.00	0.00087
50.00	60.00	0.00077	60.00	60.00	0.00068
70.00	60.00	0.00060	80.00	60.00	0.00053
90.00	60.00	0.00047	100.00	60.00	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00031	-90.00	70.00	0.00036
-80.00	70.00	0.00043	-70.00	70.00	0.00052
-60.00	70.00	0.00064	-50.00	70.00	0.00079
-40.00	70.00	0.00095	-30.00	70.00	0.00111
-25.00	70.00	0.00117	-20.00	70.00	0.00122
-17.00	70.00	0.00123	-15.00	70.00	0.00124
-13.00	70.00	0.00124	-11.00	70.00	0.00124
-9.00	70.00	0.00123	9.00	70.00	0.00108
11.00	70.00	0.00106	13.00	70.00	0.00103
15.00	70.00	0.00101	17.00	70.00	0.00099
20.00	70.00	0.00096	25.00	70.00	0.00092
30.00	70.00	0.00088	40.00	70.00	0.00080
50.00	70.00	0.00071	60.00	70.00	0.00064
70.00	70.00	0.00056	80.00	70.00	0.00050
90.00	70.00	0.00045	100.00	70.00	0.00040
-100.00	80.00	0.00030	-90.00	80.00	0.00036
-80.00	80.00	0.00042	-70.00	80.00	0.00051
-60.00	80.00	0.00062	-50.00	80.00	0.00075
-40.00	80.00	0.00089	-30.00	80.00	0.00101
-25.00	80.00	0.00106	-20.00	80.00	0.00109
-17.00	80.00	0.00110	-15.00	80.00	0.00111
-13.00	80.00	0.00111	-11.00	80.00	0.00110
-9.00	80.00	0.00110	9.00	80.00	0.00097
11.00	80.00	0.00095	13.00	80.00	0.00093
15.00	80.00	0.00091	17.00	80.00	0.00089
20.00	80.00	0.00087	25.00	80.00	0.00083
30.00	80.00	0.00080	40.00	80.00	0.00073
50.00	80.00	0.00066	60.00	80.00	0.00059
70.00	80.00	0.00053	80.00	80.00	0.00047
90.00	80.00	0.00042	100.00	80.00	0.00038
-100.00	90.00	0.00030	-90.00	90.00	0.00035
-80.00	90.00	0.00041	-70.00	90.00	0.00050
-60.00	90.00	0.00060	-50.00	90.00	0.00071
-40.00	90.00	0.00083	-30.00	90.00	0.00093
-25.00	90.00	0.00096	-20.00	90.00	0.00099
-17.00	90.00	0.00099	-15.00	90.00	0.00099
-13.00	90.00	0.00099	-11.00	90.00	0.00099
-9.00	90.00	0.00098	9.00	90.00	0.00087
11.00	90.00	0.00086	13.00	90.00	0.00084
15.00	90.00	0.00082	17.00	90.00	0.00081

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00079	25.00	90.00	0.00075
30.00	90.00	0.00072	40.00	90.00	0.00067
50.00	90.00	0.00061	60.00	90.00	0.00055
70.00	90.00	0.00050	80.00	90.00	0.00045
90.00	90.00	0.00040	100.00	90.00	0.00036
-100.00	100.00	0.00029	-90.00	100.00	0.00034
-80.00	100.00	0.00040	-70.00	100.00	0.00048
-60.00	100.00	0.00057	-50.00	100.00	0.00067
-40.00	100.00	0.00077	-30.00	100.00	0.00085
-25.00	100.00	0.00088	-20.00	100.00	0.00089
-17.00	100.00	0.00090	-15.00	100.00	0.00090
-13.00	100.00	0.00090	-11.00	100.00	0.00089
-9.00	100.00	0.00089	9.00	100.00	0.00079
11.00	100.00	0.00078	13.00	100.00	0.00076
15.00	100.00	0.00075	17.00	100.00	0.00074
20.00	100.00	0.00072	25.00	100.00	0.00069
30.00	100.00	0.00066	40.00	100.00	0.00061
50.00	100.00	0.00057	60.00	100.00	0.00052
70.00	100.00	0.00047	80.00	100.00	0.00042
90.00	100.00	0.00038	100.00	100.00	0.00035
-100.00	110.00	0.00029	-90.00	110.00	0.00033
-80.00	110.00	0.00039	-70.00	110.00	0.00046
-60.00	110.00	0.00055	-50.00	110.00	0.00063
-40.00	110.00	0.00072	-30.00	110.00	0.00078
-25.00	110.00	0.00080	-20.00	110.00	0.00081
-17.00	110.00	0.00081	-15.00	110.00	0.00081
-13.00	110.00	0.00081	-11.00	110.00	0.00081
-9.00	110.00	0.00080	9.00	110.00	0.00072
11.00	110.00	0.00071	13.00	110.00	0.00070
15.00	110.00	0.00069	17.00	110.00	0.00067
20.00	110.00	0.00066	25.00	110.00	0.00063
30.00	110.00	0.00061	40.00	110.00	0.00057
50.00	110.00	0.00052	60.00	110.00	0.00048
70.00	110.00	0.00044	80.00	110.00	0.00040
90.00	110.00	0.00036	100.00	110.00	0.00033
-100.00	120.00	0.00028	-90.00	120.00	0.00033

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-80.00	120.00	0.00038	-70.00	120.00	0.00045
-60.00	120.00	0.00052	-50.00	120.00	0.00060
-40.00	120.00	0.00067	-30.00	120.00	0.00072
-25.00	120.00	0.00073	-20.00	120.00	0.00074

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
 PAGE 97
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00074	-15.00	120.00	0.00074
-13.00	120.00	0.00074	-11.00	120.00	0.00074
-9.00	120.00	0.00073	9.00	120.00	0.00066
11.00	120.00	0.00065	13.00	120.00	0.00064
15.00	120.00	0.00063	17.00	120.00	0.00062
20.00	120.00	0.00060	25.00	120.00	0.00058
30.00	120.00	0.00056	40.00	120.00	0.00052
50.00	120.00	0.00049	60.00	120.00	0.00045
70.00	120.00	0.00042	80.00	120.00	0.00038
90.00	120.00	0.00035	100.00	120.00	0.00032
-100.00	130.00	0.00028	-90.00	130.00	0.00032
-80.00	130.00	0.00037	-70.00	130.00	0.00043
-60.00	130.00	0.00050	-50.00	130.00	0.00056
-40.00	130.00	0.00062	-30.00	130.00	0.00066
-25.00	130.00	0.00067	-20.00	130.00	0.00068
-17.00	130.00	0.00068	-15.00	130.00	0.00068
-13.00	130.00	0.00068	-11.00	130.00	0.00067
-9.00	130.00	0.00067	9.00	130.00	0.00060
11.00	130.00	0.00060	13.00	130.00	0.00059
15.00	130.00	0.00058	17.00	130.00	0.00057
20.00	130.00	0.00056	25.00	130.00	0.00054
30.00	130.00	0.00052	40.00	130.00	0.00049
50.00	130.00	0.00045	60.00	130.00	0.00042
70.00	130.00	0.00039	80.00	130.00	0.00036
90.00	130.00	0.00033	100.00	130.00	0.00030
-100.00	140.00	0.00027	-90.00	140.00	0.00031
-80.00	140.00	0.00036	-70.00	140.00	0.00042
-60.00	140.00	0.00047	-50.00	140.00	0.00053
-40.00	140.00	0.00058	-30.00	140.00	0.00061
-25.00	140.00	0.00062	-20.00	140.00	0.00063

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-17.00	140.00	0.00062	-15.00	140.00	0.00062
-13.00	140.00	0.00062	-11.00	140.00	0.00062
-9.00	140.00	0.00061	9.00	140.00	0.00056
11.00	140.00	0.00055	13.00	140.00	0.00054
15.00	140.00	0.00053	17.00	140.00	0.00053
20.00	140.00	0.00052	25.00	140.00	0.00050
30.00	140.00	0.00048	40.00	140.00	0.00045
50.00	140.00	0.00042	60.00	140.00	0.00040
70.00	140.00	0.00037	80.00	140.00	0.00034
90.00	140.00	0.00031	100.00	140.00	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00027	-90.00	150.00	0.00030
-80.00	150.00	0.00035	-70.00	150.00	0.00040
-60.00	150.00	0.00045	-50.00	150.00	0.00050
-40.00	150.00	0.00054	-30.00	150.00	0.00057
-25.00	150.00	0.00058	-20.00	150.00	0.00058
-17.00	150.00	0.00058	-15.00	150.00	0.00057
-13.00	150.00	0.00057	-11.00	150.00	0.00057
-9.00	150.00	0.00057	9.00	150.00	0.00052
11.00	150.00	0.00051	13.00	150.00	0.00050
15.00	150.00	0.00050	17.00	150.00	0.00049
20.00	150.00	0.00048	25.00	150.00	0.00046
30.00	150.00	0.00045	40.00	150.00	0.00042
50.00	150.00	0.00040	60.00	150.00	0.00037
70.00	150.00	0.00035	80.00	150.00	0.00032
90.00	150.00	0.00030	100.00	150.00	0.00028
-100.00	160.00	0.00026	-90.00	160.00	0.00030
-80.00	160.00	0.00034	-70.00	160.00	0.00038
-60.00	160.00	0.00043	-50.00	160.00	0.00047
-40.00	160.00	0.00051	-30.00	160.00	0.00053
-25.00	160.00	0.00053	-20.00	160.00	0.00053
-17.00	160.00	0.00053	-15.00	160.00	0.00053
-13.00	160.00	0.00053	-11.00	160.00	0.00053
-9.00	160.00	0.00052	9.00	160.00	0.00048
11.00	160.00	0.00047	13.00	160.00	0.00047

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

15.00	160.00	0.00046	17.00	160.00	0.00045
20.00	160.00	0.00045	25.00	160.00	0.00043
30.00	160.00	0.00042	40.00	160.00	0.00039
50.00	160.00	0.00037	60.00	160.00	0.00035
70.00	160.00	0.00033	80.00	160.00	0.00031
90.00	160.00	0.00029	100.00	160.00	0.00026
-100.00	170.00	0.00025	-90.00	170.00	0.00029
-80.00	170.00	0.00033	-70.00	170.00	0.00037
-60.00	170.00	0.00041	-50.00	170.00	0.00045
-40.00	170.00	0.00048	-30.00	170.00	0.00049
-25.00	170.00	0.00050	-20.00	170.00	0.00050
-17.00	170.00	0.00049	-15.00	170.00	0.00049
-13.00	170.00	0.00049	-11.00	170.00	0.00049
-9.00	170.00	0.00049	9.00	170.00	0.00045
11.00	170.00	0.00044	13.00	170.00	0.00043
15.00	170.00	0.00043	17.00	170.00	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

PAGE 99

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00042	25.00	170.00	0.00040
30.00	170.00	0.00039	40.00	170.00	0.00037
50.00	170.00	0.00035	60.00	170.00	0.00033
70.00	170.00	0.00031	80.00	170.00	0.00029
90.00	170.00	0.00027	100.00	170.00	0.00025
-100.00	180.00	0.00025	-90.00	180.00	0.00028
-80.00	180.00	0.00032	-70.00	180.00	0.00035
-60.00	180.00	0.00039	-50.00	180.00	0.00042
-40.00	180.00	0.00045	-30.00	180.00	0.00046
-25.00	180.00	0.00046	-20.00	180.00	0.00046
-17.00	180.00	0.00046	-15.00	180.00	0.00046
-13.00	180.00	0.00046	-11.00	180.00	0.00045
-9.00	180.00	0.00045	9.00	180.00	0.00042
11.00	180.00	0.00041	13.00	180.00	0.00041
15.00	180.00	0.00040	17.00	180.00	0.00040
20.00	180.00	0.00039	25.00	180.00	0.00038
30.00	180.00	0.00037	40.00	180.00	0.00035
50.00	180.00	0.00033	60.00	180.00	0.00031

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

70.00	180.00	0.00029	80.00	180.00	0.00028
90.00	180.00	0.00026	100.00	180.00	0.00024
-100.00	190.00	0.00024	-90.00	190.00	0.00027
-80.00	190.00	0.00031	-70.00	190.00	0.00034
-60.00	190.00	0.00037	-50.00	190.00	0.00040
-40.00	190.00	0.00042	-30.00	190.00	0.00043
-25.00	190.00	0.00043	-20.00	190.00	0.00043
-17.00	190.00	0.00043	-15.00	190.00	0.00043
-13.00	190.00	0.00043	-11.00	190.00	0.00042
-9.00	190.00	0.00042	9.00	190.00	0.00039
11.00	190.00	0.00038	13.00	190.00	0.00038
15.00	190.00	0.00038	17.00	190.00	0.00037
20.00	190.00	0.00036	25.00	190.00	0.00035
30.00	190.00	0.00034	40.00	190.00	0.00033
50.00	190.00	0.00031	60.00	190.00	0.00029
70.00	190.00	0.00028	80.00	190.00	0.00026
90.00	190.00	0.00025	100.00	190.00	0.00023
-100.00	200.00	0.00024	-90.00	200.00	0.00027
-80.00	200.00	0.00030	-70.00	200.00	0.00033
-60.00	200.00	0.00035	-50.00	200.00	0.00038
-40.00	200.00	0.00039	-30.00	200.00	0.00040
-25.00	200.00	0.00040	-20.00	200.00	0.00040

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00040	-15.00	200.00	0.00040
-13.00	200.00	0.00040	-11.00	200.00	0.00040
-9.00	200.00	0.00039	9.00	200.00	0.00036
11.00	200.00	0.00036	13.00	200.00	0.00036
15.00	200.00	0.00035	17.00	200.00	0.00035
20.00	200.00	0.00034	25.00	200.00	0.00033
30.00	200.00	0.00032	40.00	200.00	0.00031
50.00	200.00	0.00029	60.00	200.00	0.00028
70.00	200.00	0.00026	80.00	200.00	0.00025
90.00	200.00	0.00024	100.00	200.00	0.00022
-100.00	210.00	0.00023	-90.00	210.00	0.00026
-80.00	210.00	0.00029	-70.00	210.00	0.00031

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-60.00	210.00	0.00034	-50.00	210.00	0.00036
-40.00	210.00	0.00037	-30.00	210.00	0.00038
-25.00	210.00	0.00038	-20.00	210.00	0.00038
-17.00	210.00	0.00038	-15.00	210.00	0.00038
-13.00	210.00	0.00037	-11.00	210.00	0.00037
-9.00	210.00	0.00037	9.00	210.00	0.00034
11.00	210.00	0.00034	13.00	210.00	0.00034
15.00	210.00	0.00033	17.00	210.00	0.00033
20.00	210.00	0.00032	25.00	210.00	0.00031
30.00	210.00	0.00031	40.00	210.00	0.00029
50.00	210.00	0.00028	60.00	210.00	0.00026
70.00	210.00	0.00025	80.00	210.00	0.00024
90.00	210.00	0.00023	100.00	210.00	0.00021
-100.00	220.00	0.00023	-90.00	220.00	0.00025
-80.00	220.00	0.00028	-70.00	220.00	0.00030
-60.00	220.00	0.00032	-50.00	220.00	0.00034
-40.00	220.00	0.00035	-30.00	220.00	0.00036
-25.00	220.00	0.00036	-20.00	220.00	0.00036
-17.00	220.00	0.00035	-15.00	220.00	0.00035
-13.00	220.00	0.00035	-11.00	220.00	0.00035
-9.00	220.00	0.00035	9.00	220.00	0.00032
11.00	220.00	0.00032	13.00	220.00	0.00032
15.00	220.00	0.00031	17.00	220.00	0.00031
20.00	220.00	0.00030	25.00	220.00	0.00030
30.00	220.00	0.00029	40.00	220.00	0.00027
50.00	220.00	0.00026	60.00	220.00	0.00025
70.00	220.00	0.00024	80.00	220.00	0.00023
90.00	220.00	0.00022	100.00	220.00	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00022	-90.00	230.00	0.00024
-80.00	230.00	0.00027	-70.00	230.00	0.00029
-60.00	230.00	0.00031	-50.00	230.00	0.00032
-40.00	230.00	0.00033	-30.00	230.00	0.00034
-25.00	230.00	0.00034	-20.00	230.00	0.00034
-17.00	230.00	0.00033	-15.00	230.00	0.00033

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-13.00	230.00	0.00033	-11.00	230.00	0.00033
-9.00	230.00	0.00033	9.00	230.00	0.00030
11.00	230.00	0.00030	13.00	230.00	0.00030
15.00	230.00	0.00030	17.00	230.00	0.00029
20.00	230.00	0.00029	25.00	230.00	0.00028
30.00	230.00	0.00027	40.00	230.00	0.00026
50.00	230.00	0.00025	60.00	230.00	0.00024
70.00	230.00	0.00023	80.00	230.00	0.00022
90.00	230.00	0.00021	100.00	230.00	0.00020
-100.00	240.00	0.00021	-90.00	240.00	0.00023
-80.00	240.00	0.00026	-70.00	240.00	0.00028
-60.00	240.00	0.00029	-50.00	240.00	0.00031
-40.00	240.00	0.00031	-30.00	240.00	0.00032
-25.00	240.00	0.00032	-20.00	240.00	0.00032
-17.00	240.00	0.00031	-15.00	240.00	0.00031
-13.00	240.00	0.00031	-11.00	240.00	0.00031
-9.00	240.00	0.00031	9.00	240.00	0.00029
11.00	240.00	0.00029	13.00	240.00	0.00028
15.00	240.00	0.00028	17.00	240.00	0.00028
20.00	240.00	0.00027	25.00	240.00	0.00027
30.00	240.00	0.00026	40.00	240.00	0.00025
50.00	240.00	0.00024	60.00	240.00	0.00023
70.00	240.00	0.00022	80.00	240.00	0.00021
90.00	240.00	0.00020	100.00	240.00	0.00019
-100.00	250.00	0.00021	-90.00	250.00	0.00023
-80.00	250.00	0.00025	-70.00	250.00	0.00026
-60.00	250.00	0.00028	-50.00	250.00	0.00029
-40.00	250.00	0.00030	-30.00	250.00	0.00030
-25.00	250.00	0.00030	-20.00	250.00	0.00030
-17.00	250.00	0.00030	-15.00	250.00	0.00030
-13.00	250.00	0.00029	-11.00	250.00	0.00029
-9.00	250.00	0.00029	9.00	250.00	0.00027
11.00	250.00	0.00027	13.00	250.00	0.00027
15.00	250.00	0.00027	17.00	250.00	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:
 PAGE 102

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

20.00	250.00	0.00026	25.00	250.00	0.00025
30.00	250.00	0.00025	40.00	250.00	0.00023
50.00	250.00	0.00022	60.00	250.00	0.00022
70.00	250.00	0.00021	80.00	250.00	0.00020
90.00	250.00	0.00019	100.00	250.00	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
 PAGE 103
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00116	-90.00	-250.00	0.00132
-80.00	-250.00	0.00152	-70.00	-250.00	0.00175
-60.00	-250.00	0.00203	-50.00	-250.00	0.00234
-40.00	-250.00	0.00269	-30.00	-250.00	0.00304
-25.00	-250.00	0.00320	-20.00	-250.00	0.00332
-17.00	-250.00	0.00336	-15.00	-250.00	0.00337
-13.00	-250.00	0.00335	-11.00	-250.00	0.00331
-9.00	-250.00	0.00324	9.00	-250.00	0.00191
11.00	-250.00	0.00179	13.00	-250.00	0.00168
15.00	-250.00	0.00158	17.00	-250.00	0.00148
20.00	-250.00	0.00135	25.00	-250.00	0.00115
30.00	-250.00	0.00100	40.00	-250.00	0.00076
50.00	-250.00	0.00060	60.00	-250.00	0.00048
70.00	-250.00	0.00040	80.00	-250.00	0.00033
90.00	-250.00	0.00028	100.00	-250.00	0.00024
-100.00	-240.00	0.00118	-90.00	-240.00	0.00136
-80.00	-240.00	0.00158	-70.00	-240.00	0.00184
-60.00	-240.00	0.00216	-50.00	-240.00	0.00255
-40.00	-240.00	0.00299	-30.00	-240.00	0.00347
-25.00	-240.00	0.00370	-20.00	-240.00	0.00391
-17.00	-240.00	0.00402	-15.00	-240.00	0.00407
-13.00	-240.00	0.00411	-11.00	-240.00	0.00412
-9.00	-240.00	0.00408	9.00	-240.00	0.00221
11.00	-240.00	0.00204	13.00	-240.00	0.00188
15.00	-240.00	0.00174	17.00	-240.00	0.00162
20.00	-240.00	0.00145	25.00	-240.00	0.00123
30.00	-240.00	0.00106	40.00	-240.00	0.00080
50.00	-240.00	0.00063	60.00	-240.00	0.00050
70.00	-240.00	0.00041	80.00	-240.00	0.00034

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

90.00	-240.00	0.00029	100.00	-240.00	0.00025
-100.00	-230.00	0.00118	-90.00	-230.00	0.00137
-80.00	-230.00	0.00160	-70.00	-230.00	0.00189
-60.00	-230.00	0.00224	-50.00	-230.00	0.00267
-40.00	-230.00	0.00320	-30.00	-230.00	0.00381
-25.00	-230.00	0.00414	-20.00	-230.00	0.00448
-17.00	-230.00	0.00468	-15.00	-230.00	0.00481
-13.00	-230.00	0.00494	-11.00	-230.00	0.00508
-9.00	-230.00	0.00521	9.00	-230.00	0.00247
11.00	-230.00	0.00224	13.00	-230.00	0.00204
15.00	-230.00	0.00188	17.00	-230.00	0.00174

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
 PAGE 104

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00156	25.00	-230.00	0.00131
30.00	-230.00	0.00112	40.00	-230.00	0.00084
50.00	-230.00	0.00066	60.00	-230.00	0.00052
70.00	-230.00	0.00043	80.00	-230.00	0.00036
90.00	-230.00	0.00030	100.00	-230.00	0.00026
-100.00	-220.00	0.00115	-90.00	-220.00	0.00134
-80.00	-220.00	0.00158	-70.00	-220.00	0.00187
-60.00	-220.00	0.00223	-50.00	-220.00	0.00269
-40.00	-220.00	0.00325	-30.00	-220.00	0.00393
-25.00	-220.00	0.00431	-20.00	-220.00	0.00472
-17.00	-220.00	0.00499	-15.00	-220.00	0.00517
-13.00	-220.00	0.00538	-11.00	-220.00	0.00562
-9.00	-220.00	0.00591	9.00	-220.00	0.00292
11.00	-220.00	0.00258	13.00	-220.00	0.00232
15.00	-220.00	0.00212	17.00	-220.00	0.00194
20.00	-220.00	0.00172	25.00	-220.00	0.00144
30.00	-220.00	0.00122	40.00	-220.00	0.00091
50.00	-220.00	0.00070	60.00	-220.00	0.00056
70.00	-220.00	0.00046	80.00	-220.00	0.00038
90.00	-220.00	0.00032	100.00	-220.00	0.00027
-100.00	-210.00	0.00109	-90.00	-210.00	0.00128
-80.00	-210.00	0.00151	-70.00	-210.00	0.00180
-60.00	-210.00	0.00217	-50.00	-210.00	0.00261

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-40.00	-210.00	0.00318	-30.00	-210.00	0.00387
-25.00	-210.00	0.00428	-20.00	-210.00	0.00474
-17.00	-210.00	0.00504	-15.00	-210.00	0.00527
-13.00	-210.00	0.00554	-11.00	-210.00	0.00588
-9.00	-210.00	0.00639	9.00	-210.00	0.00395
11.00	-210.00	0.00341	13.00	-210.00	0.00301
15.00	-210.00	0.00269	17.00	-210.00	0.00242
20.00	-210.00	0.00210	25.00	-210.00	0.00170
30.00	-210.00	0.00141	40.00	-210.00	0.00102
50.00	-210.00	0.00077	60.00	-210.00	0.00061
70.00	-210.00	0.00050	80.00	-210.00	0.00041
90.00	-210.00	0.00034	100.00	-210.00	0.00029
-100.00	-200.00	0.00102	-90.00	-200.00	0.00120
-80.00	-200.00	0.00142	-70.00	-200.00	0.00170
-60.00	-200.00	0.00205	-50.00	-200.00	0.00249
-40.00	-200.00	0.00304	-30.00	-200.00	0.00375
-25.00	-200.00	0.00419	-20.00	-200.00	0.00473

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:
 PAGE 105

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00513	-15.00	-200.00	0.00546
-13.00	-200.00	0.00587	-11.00	-200.00	0.00641
-9.00	-200.00	0.00716	9.00	-200.00	0.00488
11.00	-200.00	0.00422	13.00	-200.00	0.00372
15.00	-200.00	0.00330	17.00	-200.00	0.00296
20.00	-200.00	0.00254	25.00	-200.00	0.00201
30.00	-200.00	0.00164	40.00	-200.00	0.00116
50.00	-200.00	0.00087	60.00	-200.00	0.00068
70.00	-200.00	0.00054	80.00	-200.00	0.00045
90.00	-200.00	0.00037	100.00	-200.00	0.00031
-100.00	-190.00	0.00093	-90.00	-190.00	0.00110
-80.00	-190.00	0.00131	-70.00	-190.00	0.00157
-60.00	-190.00	0.00190	-50.00	-190.00	0.00233
-40.00	-190.00	0.00287	-30.00	-190.00	0.00359
-25.00	-190.00	0.00408	-20.00	-190.00	0.00473
-17.00	-190.00	0.00525	-15.00	-190.00	0.00570
-13.00	-190.00	0.00625	-11.00	-190.00	0.00694

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-9.00	-190.00	0.00785	9.00	-190.00	0.00557
11.00	-190.00	0.00485	13.00	-190.00	0.00428
15.00	-190.00	0.00381	17.00	-190.00	0.00342
20.00	-190.00	0.00293	25.00	-190.00	0.00233
30.00	-190.00	0.00189	40.00	-190.00	0.00132
50.00	-190.00	0.00098	60.00	-190.00	0.00076
70.00	-190.00	0.00060	80.00	-190.00	0.00048
90.00	-190.00	0.00040	100.00	-190.00	0.00033
-100.00	-180.00	0.00083	-90.00	-180.00	0.00098
-80.00	-180.00	0.00117	-70.00	-180.00	0.00141
-60.00	-180.00	0.00173	-50.00	-180.00	0.00213
-40.00	-180.00	0.00265	-30.00	-180.00	0.00339
-25.00	-180.00	0.00393	-20.00	-180.00	0.00469
-17.00	-180.00	0.00532	-15.00	-180.00	0.00585
-13.00	-180.00	0.00650	-11.00	-180.00	0.00729
-9.00	-180.00	0.00828	9.00	-180.00	0.00604
11.00	-180.00	0.00529	13.00	-180.00	0.00469
15.00	-180.00	0.00419	17.00	-180.00	0.00376
20.00	-180.00	0.00324	25.00	-180.00	0.00258
30.00	-180.00	0.00211	40.00	-180.00	0.00148
50.00	-180.00	0.00109	60.00	-180.00	0.00083
70.00	-180.00	0.00066	80.00	-180.00	0.00053
90.00	-180.00	0.00043	100.00	-180.00	0.00036

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTS:
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00073	-90.00	-170.00	0.00086
-80.00	-170.00	0.00102	-70.00	-170.00	0.00124
-60.00	-170.00	0.00152	-50.00	-170.00	0.00190
-40.00	-170.00	0.00240	-30.00	-170.00	0.00316
-25.00	-170.00	0.00373	-20.00	-170.00	0.00455
-17.00	-170.00	0.00525	-15.00	-170.00	0.00583
-13.00	-170.00	0.00653	-11.00	-170.00	0.00738
-9.00	-170.00	0.00843	9.00	-170.00	0.00632
11.00	-170.00	0.00556	13.00	-170.00	0.00495
15.00	-170.00	0.00445	17.00	-170.00	0.00401
20.00	-170.00	0.00347	25.00	-170.00	0.00279

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

30.00	-170.00	0.00230	40.00	-170.00	0.00162
50.00	-170.00	0.00120	60.00	-170.00	0.00091
70.00	-170.00	0.00071	80.00	-170.00	0.00057
90.00	-170.00	0.00046	100.00	-170.00	0.00038
-100.00	-160.00	0.00064	-90.00	-160.00	0.00074
-80.00	-160.00	0.00088	-70.00	-160.00	0.00106
-60.00	-160.00	0.00130	-50.00	-160.00	0.00163
-40.00	-160.00	0.00211	-30.00	-160.00	0.00287
-25.00	-160.00	0.00345	-20.00	-160.00	0.00431
-17.00	-160.00	0.00502	-15.00	-160.00	0.00561
-13.00	-160.00	0.00633	-11.00	-160.00	0.00720
-9.00	-160.00	0.00827	9.00	-160.00	0.00645
11.00	-160.00	0.00569	13.00	-160.00	0.00510
15.00	-160.00	0.00460	17.00	-160.00	0.00418
20.00	-160.00	0.00364	25.00	-160.00	0.00296
30.00	-160.00	0.00245	40.00	-160.00	0.00175
50.00	-160.00	0.00129	60.00	-160.00	0.00098
70.00	-160.00	0.00076	80.00	-160.00	0.00061
90.00	-160.00	0.00050	100.00	-160.00	0.00041
-100.00	-150.00	0.00056	-90.00	-150.00	0.00065
-80.00	-150.00	0.00076	-70.00	-150.00	0.00091
-60.00	-150.00	0.00111	-50.00	-150.00	0.00139
-40.00	-150.00	0.00180	-30.00	-150.00	0.00252
-25.00	-150.00	0.00310	-20.00	-150.00	0.00394
-17.00	-150.00	0.00464	-15.00	-150.00	0.00521
-13.00	-150.00	0.00590	-11.00	-150.00	0.00674
-9.00	-150.00	0.00778	9.00	-150.00	0.00646
11.00	-150.00	0.00574	13.00	-150.00	0.00516
15.00	-150.00	0.00470	17.00	-150.00	0.00430

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
 PAGE 107
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00378	25.00	-150.00	0.00309
30.00	-150.00	0.00256	40.00	-150.00	0.00184
50.00	-150.00	0.00137	60.00	-150.00	0.00104
70.00	-150.00	0.00082	80.00	-150.00	0.00065
90.00	-150.00	0.00053	100.00	-150.00	0.00044

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-100.00	-140.00	0.00049	-90.00	-140.00	0.00056
-80.00	-140.00	0.00066	-70.00	-140.00	0.00079
-60.00	-140.00	0.00096	-50.00	-140.00	0.00120
-40.00	-140.00	0.00157	-30.00	-140.00	0.00222
-25.00	-140.00	0.00275	-20.00	-140.00	0.00352
-17.00	-140.00	0.00415	-15.00	-140.00	0.00466
-13.00	-140.00	0.00528	-11.00	-140.00	0.00602
-9.00	-140.00	0.00694	9.00	-140.00	0.00644
11.00	-140.00	0.00576	13.00	-140.00	0.00520
15.00	-140.00	0.00475	17.00	-140.00	0.00436
20.00	-140.00	0.00385	25.00	-140.00	0.00317
30.00	-140.00	0.00265	40.00	-140.00	0.00191
50.00	-140.00	0.00143	60.00	-140.00	0.00110
70.00	-140.00	0.00086	80.00	-140.00	0.00069
90.00	-140.00	0.00056	100.00	-140.00	0.00046
-100.00	-130.00	0.00044	-90.00	-130.00	0.00051
-80.00	-130.00	0.00059	-70.00	-130.00	0.00071
-60.00	-130.00	0.00086	-50.00	-130.00	0.00109
-40.00	-130.00	0.00146	-30.00	-130.00	0.00210
-25.00	-130.00	0.00262	-20.00	-130.00	0.00336
-17.00	-130.00	0.00394	-15.00	-130.00	0.00442
-13.00	-130.00	0.00497	-11.00	-130.00	0.00562
-9.00	-130.00	0.00638	9.00	-130.00	0.00610
11.00	-130.00	0.00555	13.00	-130.00	0.00507
15.00	-130.00	0.00465	17.00	-130.00	0.00429
20.00	-130.00	0.00381	25.00	-130.00	0.00316
30.00	-130.00	0.00266	40.00	-130.00	0.00194
50.00	-130.00	0.00146	60.00	-130.00	0.00113
70.00	-130.00	0.00090	80.00	-130.00	0.00072
90.00	-130.00	0.00059	100.00	-130.00	0.00048
-100.00	-120.00	0.00041	-90.00	-120.00	0.00047
-80.00	-120.00	0.00056	-70.00	-120.00	0.00067
-60.00	-120.00	0.00082	-50.00	-120.00	0.00105
-40.00	-120.00	0.00143	-30.00	-120.00	0.00209
-25.00	-120.00	0.00261	-20.00	-120.00	0.00334

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
 PAGE 108
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

 INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

		04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00391	-15.00	-120.00	0.00435
-13.00	-120.00	0.00485	-11.00	-120.00	0.00540
-9.00	-120.00	0.00596	9.00	-120.00	0.00511
11.00	-120.00	0.00477	13.00	-120.00	0.00445
15.00	-120.00	0.00416	17.00	-120.00	0.00389
20.00	-120.00	0.00351	25.00	-120.00	0.00299
30.00	-120.00	0.00255	40.00	-120.00	0.00190
50.00	-120.00	0.00145	60.00	-120.00	0.00114
70.00	-120.00	0.00091	80.00	-120.00	0.00073
90.00	-120.00	0.00060	100.00	-120.00	0.00050
-100.00	-110.00	0.00039	-90.00	-110.00	0.00045
-80.00	-110.00	0.00053	-70.00	-110.00	0.00064
-60.00	-110.00	0.00079	-50.00	-110.00	0.00103
-40.00	-110.00	0.00142	-30.00	-110.00	0.00208
-25.00	-110.00	0.00259	-20.00	-110.00	0.00325
-17.00	-110.00	0.00374	-15.00	-110.00	0.00409
-13.00	-110.00	0.00445	-11.00	-110.00	0.00480
-9.00	-110.00	0.00512	9.00	-110.00	0.00420
11.00	-110.00	0.00397	13.00	-110.00	0.00376
15.00	-110.00	0.00356	17.00	-110.00	0.00337
20.00	-110.00	0.00310	25.00	-110.00	0.00270
30.00	-110.00	0.00236	40.00	-110.00	0.00181
50.00	-110.00	0.00141	60.00	-110.00	0.00112
70.00	-110.00	0.00090	80.00	-110.00	0.00074
90.00	-110.00	0.00061	100.00	-110.00	0.00051
-100.00	-100.00	0.00037	-90.00	-100.00	0.00043
-80.00	-100.00	0.00051	-70.00	-100.00	0.00062
-60.00	-100.00	0.00078	-50.00	-100.00	0.00102
-40.00	-100.00	0.00140	-30.00	-100.00	0.00204
-25.00	-100.00	0.00250	-20.00	-100.00	0.00305
-17.00	-100.00	0.00342	-15.00	-100.00	0.00367
-13.00	-100.00	0.00390	-11.00	-100.00	0.00410
-9.00	-100.00	0.00426	9.00	-100.00	0.00346
11.00	-100.00	0.00331	13.00	-100.00	0.00317
15.00	-100.00	0.00303	17.00	-100.00	0.00289
20.00	-100.00	0.00270	25.00	-100.00	0.00240
30.00	-100.00	0.00213	40.00	-100.00	0.00168
50.00	-100.00	0.00134	60.00	-100.00	0.00108
70.00	-100.00	0.00088	80.00	-100.00	0.00073
90.00	-100.00	0.00061	100.00	-100.00	0.00051

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:46:52
**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00036	-90.00	-90.00	0.00042
-80.00	-90.00	0.00050	-70.00	-90.00	0.00061
-60.00	-90.00	0.00077	-50.00	-90.00	0.00101
-40.00	-90.00	0.00138	-30.00	-90.00	0.00196
-25.00	-90.00	0.00235	-20.00	-90.00	0.00278
-17.00	-90.00	0.00304	-15.00	-90.00	0.00320
-13.00	-90.00	0.00335	-11.00	-90.00	0.00346
-9.00	-90.00	0.00354	9.00	-90.00	0.00289
11.00	-90.00	0.00278	13.00	-90.00	0.00268
15.00	-90.00	0.00258	17.00	-90.00	0.00248
20.00	-90.00	0.00234	25.00	-90.00	0.00211
30.00	-90.00	0.00190	40.00	-90.00	0.00154
50.00	-90.00	0.00126	60.00	-90.00	0.00103
70.00	-90.00	0.00085	80.00	-90.00	0.00071
90.00	-90.00	0.00060	100.00	-90.00	0.00051
-100.00	-80.00	0.00035	-90.00	-80.00	0.00041
-80.00	-80.00	0.00049	-70.00	-80.00	0.00060
-60.00	-80.00	0.00075	-50.00	-80.00	0.00099
-40.00	-80.00	0.00134	-30.00	-80.00	0.00185
-25.00	-80.00	0.00217	-20.00	-80.00	0.00249
-17.00	-80.00	0.00267	-15.00	-80.00	0.00277
-13.00	-80.00	0.00286	-11.00	-80.00	0.00292
-9.00	-80.00	0.00296	9.00	-80.00	0.00243
11.00	-80.00	0.00235	13.00	-80.00	0.00228
15.00	-80.00	0.00220	17.00	-80.00	0.00213
20.00	-80.00	0.00203	25.00	-80.00	0.00186
30.00	-80.00	0.00170	40.00	-80.00	0.00140
50.00	-80.00	0.00117	60.00	-80.00	0.00097
70.00	-80.00	0.00081	80.00	-80.00	0.00069
90.00	-80.00	0.00058	100.00	-80.00	0.00050
-100.00	-70.00	0.00034	-90.00	-70.00	0.00040
-80.00	-70.00	0.00048	-70.00	-70.00	0.00059
-60.00	-70.00	0.00074	-50.00	-70.00	0.00096
-40.00	-70.00	0.00129	-30.00	-70.00	0.00173
-25.00	-70.00	0.00197	-20.00	-70.00	0.00221
-17.00	-70.00	0.00233	-15.00	-70.00	0.00239
-13.00	-70.00	0.00244	-11.00	-70.00	0.00248

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-9.00	-70.00	0.00250	9.00	-70.00	0.00208
11.00	-70.00	0.00201	13.00	-70.00	0.00195
15.00	-70.00	0.00190	17.00	-70.00	0.00184

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
 PAGE 110

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00177	25.00	-70.00	0.00164
30.00	-70.00	0.00151	40.00	-70.00	0.00128
50.00	-70.00	0.00107	60.00	-70.00	0.00091
70.00	-70.00	0.00077	80.00	-70.00	0.00066
90.00	-70.00	0.00056	100.00	-70.00	0.00049
-100.00	-60.00	0.00033	-90.00	-60.00	0.00039
-80.00	-60.00	0.00047	-70.00	-60.00	0.00057
-60.00	-60.00	0.00072	-50.00	-60.00	0.00094
-40.00	-60.00	0.00123	-30.00	-60.00	0.00159
-25.00	-60.00	0.00178	-20.00	-60.00	0.00195
-17.00	-60.00	0.00203	-15.00	-60.00	0.00207
-13.00	-60.00	0.00210	-11.00	-60.00	0.00212
-9.00	-60.00	0.00213	9.00	-60.00	0.00179
11.00	-60.00	0.00174	13.00	-60.00	0.00169
15.00	-60.00	0.00165	17.00	-60.00	0.00161
20.00	-60.00	0.00154	25.00	-60.00	0.00145
30.00	-60.00	0.00135	40.00	-60.00	0.00116
50.00	-60.00	0.00099	60.00	-60.00	0.00085
70.00	-60.00	0.00073	80.00	-60.00	0.00063
90.00	-60.00	0.00054	100.00	-60.00	0.00047
-100.00	-50.00	0.00033	-90.00	-50.00	0.00038
-80.00	-50.00	0.00046	-70.00	-50.00	0.00056
-60.00	-50.00	0.00071	-50.00	-50.00	0.00090
-40.00	-50.00	0.00116	-30.00	-50.00	0.00146
-25.00	-50.00	0.00160	-20.00	-50.00	0.00173
-17.00	-50.00	0.00178	-15.00	-50.00	0.00181
-13.00	-50.00	0.00182	-11.00	-50.00	0.00183
-9.00	-50.00	0.00183	9.00	-50.00	0.00156
11.00	-50.00	0.00152	13.00	-50.00	0.00148
15.00	-50.00	0.00144	17.00	-50.00	0.00141
20.00	-50.00	0.00136	25.00	-50.00	0.00128

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

30.00	-50.00	0.00120	40.00	-50.00	0.00105
50.00	-50.00	0.00091	60.00	-50.00	0.00079
70.00	-50.00	0.00068	80.00	-50.00	0.00060
90.00	-50.00	0.00052	100.00	-50.00	0.00046
-100.00	-40.00	0.00032	-90.00	-40.00	0.00038
-80.00	-40.00	0.00045	-70.00	-40.00	0.00055
-60.00	-40.00	0.00069	-50.00	-40.00	0.00087
-40.00	-40.00	0.00109	-30.00	-40.00	0.00133
-25.00	-40.00	0.00144	-20.00	-40.00	0.00153

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00157	-15.00	-40.00	0.00158
-13.00	-40.00	0.00159	-11.00	-40.00	0.00160
-9.00	-40.00	0.00159	9.00	-40.00	0.00137
11.00	-40.00	0.00134	13.00	-40.00	0.00130
15.00	-40.00	0.00127	17.00	-40.00	0.00124
20.00	-40.00	0.00120	25.00	-40.00	0.00114
30.00	-40.00	0.00108	40.00	-40.00	0.00096
50.00	-40.00	0.00084	60.00	-40.00	0.00073
70.00	-40.00	0.00064	80.00	-40.00	0.00056
90.00	-40.00	0.00050	100.00	-40.00	0.00044
-100.00	-30.00	0.00031	-90.00	-30.00	0.00037
-80.00	-30.00	0.00044	-70.00	-30.00	0.00054
-60.00	-30.00	0.00067	-50.00	-30.00	0.00083
-40.00	-30.00	0.00102	-30.00	-30.00	0.00122
-25.00	-30.00	0.00130	-20.00	-30.00	0.00136
-17.00	-30.00	0.00139	-15.00	-30.00	0.00140
-13.00	-30.00	0.00140	-11.00	-30.00	0.00140
-9.00	-30.00	0.00140	9.00	-30.00	0.00121
11.00	-30.00	0.00118	13.00	-30.00	0.00116
15.00	-30.00	0.00113	17.00	-30.00	0.00111
20.00	-30.00	0.00107	25.00	-30.00	0.00102
30.00	-30.00	0.00097	40.00	-30.00	0.00087
50.00	-30.00	0.00077	60.00	-30.00	0.00068
70.00	-30.00	0.00060	80.00	-30.00	0.00053
90.00	-30.00	0.00047	100.00	-30.00	0.00042

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-100.00	-20.00	0.00031	-90.00	-20.00	0.00036
-80.00	-20.00	0.00043	-70.00	-20.00	0.00052
-60.00	-20.00	0.00064	-50.00	-20.00	0.00079
-40.00	-20.00	0.00095	-30.00	-20.00	0.00111
-25.00	-20.00	0.00117	-20.00	-20.00	0.00122
-17.00	-20.00	0.00123	-15.00	-20.00	0.00124
-13.00	-20.00	0.00124	-11.00	-20.00	0.00124
-9.00	-20.00	0.00123	9.00	-20.00	0.00108
11.00	-20.00	0.00106	13.00	-20.00	0.00103
15.00	-20.00	0.00101	17.00	-20.00	0.00099
20.00	-20.00	0.00096	25.00	-20.00	0.00092
30.00	-20.00	0.00088	40.00	-20.00	0.00080
50.00	-20.00	0.00071	60.00	-20.00	0.00064
70.00	-20.00	0.00056	80.00	-20.00	0.00050
90.00	-20.00	0.00045	100.00	-20.00	0.00040

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:
 PAGE 112

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00030	-90.00	-10.00	0.00036
-80.00	-10.00	0.00042	-70.00	-10.00	0.00051
-60.00	-10.00	0.00062	-50.00	-10.00	0.00075
-40.00	-10.00	0.00089	-30.00	-10.00	0.00101
-25.00	-10.00	0.00106	-20.00	-10.00	0.00109
-17.00	-10.00	0.00110	-15.00	-10.00	0.00111
-13.00	-10.00	0.00111	-11.00	-10.00	0.00110
-9.00	-10.00	0.00110	9.00	-10.00	0.00097
11.00	-10.00	0.00095	13.00	-10.00	0.00093
15.00	-10.00	0.00091	17.00	-10.00	0.00089
20.00	-10.00	0.00087	25.00	-10.00	0.00083
30.00	-10.00	0.00080	40.00	-10.00	0.00073
50.00	-10.00	0.00066	60.00	-10.00	0.00059
70.00	-10.00	0.00053	80.00	-10.00	0.00047
90.00	-10.00	0.00042	100.00	-10.00	0.00038
-100.00	0.00	0.00030	-90.00	0.00	0.00035
-80.00	0.00	0.00041	-70.00	0.00	0.00050
-60.00	0.00	0.00060	-50.00	0.00	0.00071
-40.00	0.00	0.00083	-30.00	0.00	0.00093

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-25.00	0.00	0.00096	-20.00	0.00	0.00099
-17.00	0.00	0.00099	-15.00	0.00	0.00099
-13.00	0.00	0.00099	-11.00	0.00	0.00099
-9.00	0.00	0.00098	9.00	0.00	0.00087
11.00	0.00	0.00086	13.00	0.00	0.00084
15.00	0.00	0.00082	17.00	0.00	0.00081
20.00	0.00	0.00079	25.00	0.00	0.00075
30.00	0.00	0.00072	40.00	0.00	0.00067
50.00	0.00	0.00061	60.00	0.00	0.00055
70.00	0.00	0.00050	80.00	0.00	0.00045
90.00	0.00	0.00040	100.00	0.00	0.00036
-100.00	10.00	0.00029	-90.00	10.00	0.00034
-80.00	10.00	0.00040	-70.00	10.00	0.00048
-60.00	10.00	0.00057	-50.00	10.00	0.00067
-40.00	10.00	0.00077	-30.00	10.00	0.00085
-25.00	10.00	0.00088	-20.00	10.00	0.00089
-17.00	10.00	0.00090	-15.00	10.00	0.00090
-13.00	10.00	0.00090	-11.00	10.00	0.00089
-9.00	10.00	0.00089	9.00	10.00	0.00079
11.00	10.00	0.00078	13.00	10.00	0.00076
15.00	10.00	0.00075	17.00	10.00	0.00074

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:
 PAGE 113

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00072	25.00	10.00	0.00069
30.00	10.00	0.00066	40.00	10.00	0.00061
50.00	10.00	0.00057	60.00	10.00	0.00052
70.00	10.00	0.00047	80.00	10.00	0.00042
90.00	10.00	0.00038	100.00	10.00	0.00035
-100.00	20.00	0.00029	-90.00	20.00	0.00033
-80.00	20.00	0.00039	-70.00	20.00	0.00046
-60.00	20.00	0.00055	-50.00	20.00	0.00063
-40.00	20.00	0.00072	-30.00	20.00	0.00078
-25.00	20.00	0.00080	-20.00	20.00	0.00081
-17.00	20.00	0.00081	-15.00	20.00	0.00081
-13.00	20.00	0.00081	-11.00	20.00	0.00081
-9.00	20.00	0.00080	9.00	20.00	0.00072

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

11.00	20.00	0.00071	13.00	20.00	0.00070
15.00	20.00	0.00069	17.00	20.00	0.00067
20.00	20.00	0.00066	25.00	20.00	0.00063
30.00	20.00	0.00061	40.00	20.00	0.00057
50.00	20.00	0.00052	60.00	20.00	0.00048
70.00	20.00	0.00044	80.00	20.00	0.00040
90.00	20.00	0.00036	100.00	20.00	0.00033
-100.00	30.00	0.00028	-90.00	30.00	0.00033
-80.00	30.00	0.00038	-70.00	30.00	0.00045
-60.00	30.00	0.00052	-50.00	30.00	0.00060
-40.00	30.00	0.00067	-30.00	30.00	0.00072
-25.00	30.00	0.00073	-20.00	30.00	0.00074
-17.00	30.00	0.00074	-15.00	30.00	0.00074
-13.00	30.00	0.00074	-11.00	30.00	0.00074
-9.00	30.00	0.00073	9.00	30.00	0.00066
11.00	30.00	0.00065	13.00	30.00	0.00064
15.00	30.00	0.00063	17.00	30.00	0.00062
20.00	30.00	0.00060	25.00	30.00	0.00058
30.00	30.00	0.00056	40.00	30.00	0.00052
50.00	30.00	0.00049	60.00	30.00	0.00045
70.00	30.00	0.00042	80.00	30.00	0.00038
90.00	30.00	0.00035	100.00	30.00	0.00032
-100.00	40.00	0.00028	-90.00	40.00	0.00032
-80.00	40.00	0.00037	-70.00	40.00	0.00043
-60.00	40.00	0.00050	-50.00	40.00	0.00056
-40.00	40.00	0.00062	-30.00	40.00	0.00066
-25.00	40.00	0.00067	-20.00	40.00	0.00068

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
 PAGE 114
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00068	-15.00	40.00	0.00068
-13.00	40.00	0.00068	-11.00	40.00	0.00067
-9.00	40.00	0.00067	9.00	40.00	0.00060
11.00	40.00	0.00060	13.00	40.00	0.00059
15.00	40.00	0.00058	17.00	40.00	0.00057
20.00	40.00	0.00056	25.00	40.00	0.00054
30.00	40.00	0.00052	40.00	40.00	0.00049

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

50.00	40.00	0.00045	60.00	40.00	0.00042
70.00	40.00	0.00039	80.00	40.00	0.00036
90.00	40.00	0.00033	100.00	40.00	0.00030
-100.00	50.00	0.00027	-90.00	50.00	0.00031
-80.00	50.00	0.00036	-70.00	50.00	0.00042
-60.00	50.00	0.00047	-50.00	50.00	0.00053
-40.00	50.00	0.00058	-30.00	50.00	0.00061
-25.00	50.00	0.00062	-20.00	50.00	0.00063
-17.00	50.00	0.00062	-15.00	50.00	0.00062
-13.00	50.00	0.00062	-11.00	50.00	0.00062
-9.00	50.00	0.00061	9.00	50.00	0.00056
11.00	50.00	0.00055	13.00	50.00	0.00054
15.00	50.00	0.00053	17.00	50.00	0.00053
20.00	50.00	0.00052	25.00	50.00	0.00050
30.00	50.00	0.00048	40.00	50.00	0.00045
50.00	50.00	0.00042	60.00	50.00	0.00040
70.00	50.00	0.00037	80.00	50.00	0.00034
90.00	50.00	0.00031	100.00	50.00	0.00029
-100.00	60.00	0.00027	-90.00	60.00	0.00030
-80.00	60.00	0.00035	-70.00	60.00	0.00040
-60.00	60.00	0.00045	-50.00	60.00	0.00050
-40.00	60.00	0.00054	-30.00	60.00	0.00057
-25.00	60.00	0.00058	-20.00	60.00	0.00058
-17.00	60.00	0.00058	-15.00	60.00	0.00057
-13.00	60.00	0.00057	-11.00	60.00	0.00057
-9.00	60.00	0.00057	9.00	60.00	0.00052
11.00	60.00	0.00051	13.00	60.00	0.00050
15.00	60.00	0.00050	17.00	60.00	0.00049
20.00	60.00	0.00048	25.00	60.00	0.00046
30.00	60.00	0.00045	40.00	60.00	0.00042
50.00	60.00	0.00040	60.00	60.00	0.00037
70.00	60.00	0.00035	80.00	60.00	0.00032
90.00	60.00	0.00030	100.00	60.00	0.00028

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
 PAGE 115
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00026	-90.00	70.00	0.00030

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-80.00	70.00	0.00034	-70.00	70.00	0.00038
-60.00	70.00	0.00043	-50.00	70.00	0.00047
-40.00	70.00	0.00051	-30.00	70.00	0.00053
-25.00	70.00	0.00053	-20.00	70.00	0.00053
-17.00	70.00	0.00053	-15.00	70.00	0.00053
-13.00	70.00	0.00053	-11.00	70.00	0.00053
-9.00	70.00	0.00052	9.00	70.00	0.00048
11.00	70.00	0.00047	13.00	70.00	0.00047
15.00	70.00	0.00046	17.00	70.00	0.00045
20.00	70.00	0.00045	25.00	70.00	0.00043
30.00	70.00	0.00042	40.00	70.00	0.00039
50.00	70.00	0.00037	60.00	70.00	0.00035
70.00	70.00	0.00033	80.00	70.00	0.00031
90.00	70.00	0.00029	100.00	70.00	0.00026
-100.00	80.00	0.00025	-90.00	80.00	0.00029
-80.00	80.00	0.00033	-70.00	80.00	0.00037
-60.00	80.00	0.00041	-50.00	80.00	0.00045
-40.00	80.00	0.00048	-30.00	80.00	0.00049
-25.00	80.00	0.00050	-20.00	80.00	0.00050
-17.00	80.00	0.00049	-15.00	80.00	0.00049
-13.00	80.00	0.00049	-11.00	80.00	0.00049
-9.00	80.00	0.00049	9.00	80.00	0.00045
11.00	80.00	0.00044	13.00	80.00	0.00043
15.00	80.00	0.00043	17.00	80.00	0.00042
20.00	80.00	0.00042	25.00	80.00	0.00040
30.00	80.00	0.00039	40.00	80.00	0.00037
50.00	80.00	0.00035	60.00	80.00	0.00033
70.00	80.00	0.00031	80.00	80.00	0.00029
90.00	80.00	0.00027	100.00	80.00	0.00025
-100.00	90.00	0.00025	-90.00	90.00	0.00028
-80.00	90.00	0.00032	-70.00	90.00	0.00035
-60.00	90.00	0.00039	-50.00	90.00	0.00042
-40.00	90.00	0.00045	-30.00	90.00	0.00046
-25.00	90.00	0.00046	-20.00	90.00	0.00046
-17.00	90.00	0.00046	-15.00	90.00	0.00046
-13.00	90.00	0.00046	-11.00	90.00	0.00045
-9.00	90.00	0.00045	9.00	90.00	0.00042
11.00	90.00	0.00041	13.00	90.00	0.00041
15.00	90.00	0.00040	17.00	90.00	0.00040

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:46:52

**MODELOPTs:

PAGE 116

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00039	25.00	90.00	0.00038
30.00	90.00	0.00037	40.00	90.00	0.00035
50.00	90.00	0.00033	60.00	90.00	0.00031
70.00	90.00	0.00029	80.00	90.00	0.00028
90.00	90.00	0.00026	100.00	90.00	0.00024
-100.00	100.00	0.00024	-90.00	100.00	0.00027
-80.00	100.00	0.00031	-70.00	100.00	0.00034
-60.00	100.00	0.00037	-50.00	100.00	0.00040
-40.00	100.00	0.00042	-30.00	100.00	0.00043
-25.00	100.00	0.00043	-20.00	100.00	0.00043
-17.00	100.00	0.00043	-15.00	100.00	0.00043
-13.00	100.00	0.00043	-11.00	100.00	0.00042
-9.00	100.00	0.00042	9.00	100.00	0.00039
11.00	100.00	0.00038	13.00	100.00	0.00038
15.00	100.00	0.00038	17.00	100.00	0.00037
20.00	100.00	0.00036	25.00	100.00	0.00035
30.00	100.00	0.00034	40.00	100.00	0.00033
50.00	100.00	0.00031	60.00	100.00	0.00029
70.00	100.00	0.00028	80.00	100.00	0.00026
90.00	100.00	0.00025	100.00	100.00	0.00023
-100.00	110.00	0.00024	-90.00	110.00	0.00027
-80.00	110.00	0.00030	-70.00	110.00	0.00033
-60.00	110.00	0.00035	-50.00	110.00	0.00038
-40.00	110.00	0.00039	-30.00	110.00	0.00040
-25.00	110.00	0.00040	-20.00	110.00	0.00040
-17.00	110.00	0.00040	-15.00	110.00	0.00040
-13.00	110.00	0.00040	-11.00	110.00	0.00040
-9.00	110.00	0.00039	9.00	110.00	0.00036
11.00	110.00	0.00036	13.00	110.00	0.00036
15.00	110.00	0.00035	17.00	110.00	0.00035
20.00	110.00	0.00034	25.00	110.00	0.00033
30.00	110.00	0.00032	40.00	110.00	0.00031
50.00	110.00	0.00029	60.00	110.00	0.00028
70.00	110.00	0.00026	80.00	110.00	0.00025
90.00	110.00	0.00024	100.00	110.00	0.00022
-100.00	120.00	0.00023	-90.00	120.00	0.00026
-80.00	120.00	0.00029	-70.00	120.00	0.00031
-60.00	120.00	0.00034	-50.00	120.00	0.00036
-40.00	120.00	0.00037	-30.00	120.00	0.00038

-25.00 120.00 0.00038 -20.00 120.00 0.00038

1 *** ISCST3 - VERSION 02035 *** 04/20/08
 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
 PAGE 117
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00038	-15.00	120.00	0.00038
-13.00	120.00	0.00037	-11.00	120.00	0.00037
-9.00	120.00	0.00037	9.00	120.00	0.00034
11.00	120.00	0.00034	13.00	120.00	0.00034
15.00	120.00	0.00033	17.00	120.00	0.00033
20.00	120.00	0.00032	25.00	120.00	0.00031
30.00	120.00	0.00031	40.00	120.00	0.00029
50.00	120.00	0.00028	60.00	120.00	0.00026
70.00	120.00	0.00025	80.00	120.00	0.00024
90.00	120.00	0.00023	100.00	120.00	0.00021
-100.00	130.00	0.00023	-90.00	130.00	0.00025
-80.00	130.00	0.00028	-70.00	130.00	0.00030
-60.00	130.00	0.00032	-50.00	130.00	0.00034
-40.00	130.00	0.00035	-30.00	130.00	0.00036
-25.00	130.00	0.00036	-20.00	130.00	0.00036
-17.00	130.00	0.00035	-15.00	130.00	0.00035
-13.00	130.00	0.00035	-11.00	130.00	0.00035
-9.00	130.00	0.00035	9.00	130.00	0.00032
11.00	130.00	0.00032	13.00	130.00	0.00032
15.00	130.00	0.00031	17.00	130.00	0.00031
20.00	130.00	0.00030	25.00	130.00	0.00030
30.00	130.00	0.00029	40.00	130.00	0.00027
50.00	130.00	0.00026	60.00	130.00	0.00025
70.00	130.00	0.00024	80.00	130.00	0.00023
90.00	130.00	0.00022	100.00	130.00	0.00020
-100.00	140.00	0.00022	-90.00	140.00	0.00024
-80.00	140.00	0.00027	-70.00	140.00	0.00029
-60.00	140.00	0.00031	-50.00	140.00	0.00032
-40.00	140.00	0.00033	-30.00	140.00	0.00034
-25.00	140.00	0.00034	-20.00	140.00	0.00034
-17.00	140.00	0.00033	-15.00	140.00	0.00033
-13.00	140.00	0.00033	-11.00	140.00	0.00033
-9.00	140.00	0.00033	9.00	140.00	0.00030

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

11.00	140.00	0.00030	13.00	140.00	0.00030
15.00	140.00	0.00030	17.00	140.00	0.00029
20.00	140.00	0.00029	25.00	140.00	0.00028
30.00	140.00	0.00027	40.00	140.00	0.00026
50.00	140.00	0.00025	60.00	140.00	0.00024
70.00	140.00	0.00023	80.00	140.00	0.00022
90.00	140.00	0.00021	100.00	140.00	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:
 PAGE 118

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00021	-90.00	150.00	0.00023
-80.00	150.00	0.00026	-70.00	150.00	0.00028
-60.00	150.00	0.00029	-50.00	150.00	0.00031
-40.00	150.00	0.00031	-30.00	150.00	0.00032
-25.00	150.00	0.00032	-20.00	150.00	0.00032
-17.00	150.00	0.00031	-15.00	150.00	0.00031
-13.00	150.00	0.00031	-11.00	150.00	0.00031
-9.00	150.00	0.00031	9.00	150.00	0.00029
11.00	150.00	0.00029	13.00	150.00	0.00028
15.00	150.00	0.00028	17.00	150.00	0.00028
20.00	150.00	0.00027	25.00	150.00	0.00027
30.00	150.00	0.00026	40.00	150.00	0.00025
50.00	150.00	0.00024	60.00	150.00	0.00023
70.00	150.00	0.00022	80.00	150.00	0.00021
90.00	150.00	0.00020	100.00	150.00	0.00019
-100.00	160.00	0.00021	-90.00	160.00	0.00023
-80.00	160.00	0.00025	-70.00	160.00	0.00026
-60.00	160.00	0.00028	-50.00	160.00	0.00029
-40.00	160.00	0.00030	-30.00	160.00	0.00030
-25.00	160.00	0.00030	-20.00	160.00	0.00030
-17.00	160.00	0.00030	-15.00	160.00	0.00030
-13.00	160.00	0.00029	-11.00	160.00	0.00029
-9.00	160.00	0.00029	9.00	160.00	0.00027
11.00	160.00	0.00027	13.00	160.00	0.00027
15.00	160.00	0.00027	17.00	160.00	0.00026
20.00	160.00	0.00026	25.00	160.00	0.00025
30.00	160.00	0.00025	40.00	160.00	0.00023

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

50.00	160.00	0.00022	60.00	160.00	0.00022
70.00	160.00	0.00021	80.00	160.00	0.00020
90.00	160.00	0.00019	100.00	160.00	0.00018
-100.00	170.00	0.00020	-90.00	170.00	0.00022
-80.00	170.00	0.00024	-70.00	170.00	0.00025
-60.00	170.00	0.00027	-50.00	170.00	0.00028
-40.00	170.00	0.00028	-30.00	170.00	0.00029
-25.00	170.00	0.00028	-20.00	170.00	0.00028
-17.00	170.00	0.00028	-15.00	170.00	0.00028
-13.00	170.00	0.00028	-11.00	170.00	0.00028
-9.00	170.00	0.00028	9.00	170.00	0.00026
11.00	170.00	0.00026	13.00	170.00	0.00025
15.00	170.00	0.00025	17.00	170.00	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00025	25.00	170.00	0.00024
30.00	170.00	0.00023	40.00	170.00	0.00022
50.00	170.00	0.00021	60.00	170.00	0.00021
70.00	170.00	0.00020	80.00	170.00	0.00019
90.00	170.00	0.00018	100.00	170.00	0.00017
-100.00	180.00	0.00020	-90.00	180.00	0.00021
-80.00	180.00	0.00023	-70.00	180.00	0.00024
-60.00	180.00	0.00026	-50.00	180.00	0.00026
-40.00	180.00	0.00027	-30.00	180.00	0.00027
-25.00	180.00	0.00027	-20.00	180.00	0.00027
-17.00	180.00	0.00027	-15.00	180.00	0.00027
-13.00	180.00	0.00026	-11.00	180.00	0.00026
-9.00	180.00	0.00026	9.00	180.00	0.00025
11.00	180.00	0.00024	13.00	180.00	0.00024
15.00	180.00	0.00024	17.00	180.00	0.00024
20.00	180.00	0.00023	25.00	180.00	0.00023
30.00	180.00	0.00022	40.00	180.00	0.00021
50.00	180.00	0.00020	60.00	180.00	0.00020
70.00	180.00	0.00019	80.00	180.00	0.00018
90.00	180.00	0.00017	100.00	180.00	0.00017
-100.00	190.00	0.00019	-90.00	190.00	0.00021

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-80.00	190.00	0.00022	-70.00	190.00	0.00023
-60.00	190.00	0.00024	-50.00	190.00	0.00025
-40.00	190.00	0.00026	-30.00	190.00	0.00026
-25.00	190.00	0.00026	-20.00	190.00	0.00025
-17.00	190.00	0.00025	-15.00	190.00	0.00025
-13.00	190.00	0.00025	-11.00	190.00	0.00025
-9.00	190.00	0.00025	9.00	190.00	0.00023
11.00	190.00	0.00023	13.00	190.00	0.00023
15.00	190.00	0.00023	17.00	190.00	0.00023
20.00	190.00	0.00022	25.00	190.00	0.00022
30.00	190.00	0.00021	40.00	190.00	0.00020
50.00	190.00	0.00020	60.00	190.00	0.00019
70.00	190.00	0.00018	80.00	190.00	0.00017
90.00	190.00	0.00017	100.00	190.00	0.00016
-100.00	200.00	0.00019	-90.00	200.00	0.00020
-80.00	200.00	0.00021	-70.00	200.00	0.00022
-60.00	200.00	0.00023	-50.00	200.00	0.00024
-40.00	200.00	0.00024	-30.00	200.00	0.00024
-25.00	200.00	0.00024	-20.00	200.00	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00024	-15.00	200.00	0.00024
-13.00	200.00	0.00024	-11.00	200.00	0.00024
-9.00	200.00	0.00024	9.00	200.00	0.00022
11.00	200.00	0.00022	13.00	200.00	0.00022
15.00	200.00	0.00022	17.00	200.00	0.00022
20.00	200.00	0.00021	25.00	200.00	0.00021
30.00	200.00	0.00020	40.00	200.00	0.00019
50.00	200.00	0.00019	60.00	200.00	0.00018
70.00	200.00	0.00017	80.00	200.00	0.00017
90.00	200.00	0.00016	100.00	200.00	0.00015
-100.00	210.00	0.00018	-90.00	210.00	0.00019
-80.00	210.00	0.00021	-70.00	210.00	0.00022
-60.00	210.00	0.00022	-50.00	210.00	0.00023
-40.00	210.00	0.00023	-30.00	210.00	0.00023
-25.00	210.00	0.00023	-20.00	210.00	0.00023

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-17.00	210.00	0.00023	-15.00	210.00	0.00023
-13.00	210.00	0.00023	-11.00	210.00	0.00023
-9.00	210.00	0.00023	9.00	210.00	0.00021
11.00	210.00	0.00021	13.00	210.00	0.00021
15.00	210.00	0.00021	17.00	210.00	0.00021
20.00	210.00	0.00020	25.00	210.00	0.00020
30.00	210.00	0.00019	40.00	210.00	0.00019
50.00	210.00	0.00018	60.00	210.00	0.00017
70.00	210.00	0.00017	80.00	210.00	0.00016
90.00	210.00	0.00015	100.00	210.00	0.00015
-100.00	220.00	0.00018	-90.00	220.00	0.00019
-80.00	220.00	0.00020	-70.00	220.00	0.00021
-60.00	220.00	0.00021	-50.00	220.00	0.00022
-40.00	220.00	0.00022	-30.00	220.00	0.00022
-25.00	220.00	0.00022	-20.00	220.00	0.00022
-17.00	220.00	0.00022	-15.00	220.00	0.00022
-13.00	220.00	0.00022	-11.00	220.00	0.00022
-9.00	220.00	0.00021	9.00	220.00	0.00020
11.00	220.00	0.00020	13.00	220.00	0.00020
15.00	220.00	0.00020	17.00	220.00	0.00020
20.00	220.00	0.00019	25.00	220.00	0.00019
30.00	220.00	0.00019	40.00	220.00	0.00018
50.00	220.00	0.00017	60.00	220.00	0.00017
70.00	220.00	0.00016	80.00	220.00	0.00015
90.00	220.00	0.00015	100.00	220.00	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:
 PAGE 121

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00017	-90.00	230.00	0.00018
-80.00	230.00	0.00019	-70.00	230.00	0.00020
-60.00	230.00	0.00021	-50.00	230.00	0.00021
-40.00	230.00	0.00021	-30.00	230.00	0.00021
-25.00	230.00	0.00021	-20.00	230.00	0.00021
-17.00	230.00	0.00021	-15.00	230.00	0.00021
-13.00	230.00	0.00021	-11.00	230.00	0.00021
-9.00	230.00	0.00021	9.00	230.00	0.00019
11.00	230.00	0.00019	13.00	230.00	0.00019

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

15.00	230.00	0.00019	17.00	230.00	0.00019
20.00	230.00	0.00019	25.00	230.00	0.00018
30.00	230.00	0.00018	40.00	230.00	0.00017
50.00	230.00	0.00016	60.00	230.00	0.00016
70.00	230.00	0.00015	80.00	230.00	0.00015
90.00	230.00	0.00014	100.00	230.00	0.00014
-100.00	240.00	0.00017	-90.00	240.00	0.00018
-80.00	240.00	0.00018	-70.00	240.00	0.00019
-60.00	240.00	0.00020	-50.00	240.00	0.00020
-40.00	240.00	0.00020	-30.00	240.00	0.00020
-25.00	240.00	0.00020	-20.00	240.00	0.00020
-17.00	240.00	0.00020	-15.00	240.00	0.00020
-13.00	240.00	0.00020	-11.00	240.00	0.00020
-9.00	240.00	0.00020	9.00	240.00	0.00019
11.00	240.00	0.00018	13.00	240.00	0.00018
15.00	240.00	0.00018	17.00	240.00	0.00018
20.00	240.00	0.00018	25.00	240.00	0.00017
30.00	240.00	0.00017	40.00	240.00	0.00016
50.00	240.00	0.00016	60.00	240.00	0.00015
70.00	240.00	0.00015	80.00	240.00	0.00014
90.00	240.00	0.00014	100.00	240.00	0.00013
-100.00	250.00	0.00016	-90.00	250.00	0.00017
-80.00	250.00	0.00018	-70.00	250.00	0.00018
-60.00	250.00	0.00019	-50.00	250.00	0.00019
-40.00	250.00	0.00019	-30.00	250.00	0.00019
-25.00	250.00	0.00019	-20.00	250.00	0.00019
-17.00	250.00	0.00019	-15.00	250.00	0.00019
-13.00	250.00	0.00019	-11.00	250.00	0.00019
-9.00	250.00	0.00019	9.00	250.00	0.00018
11.00	250.00	0.00018	13.00	250.00	0.00018
15.00	250.00	0.00017	17.00	250.00	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:
 PAGE 122

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00017	25.00	250.00	0.00017
30.00	250.00	0.00016	40.00	250.00	0.00016
50.00	250.00	0.00015	60.00	250.00	0.00015

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

70.00	250.00	0.00014	80.00	250.00	0.00014
90.00	250.00	0.00013	100.00	250.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00252	-90.00	-250.00	0.00274
-80.00	-250.00	0.00298	-70.00	-250.00	0.00325
-60.00	-250.00	0.00355	-50.00	-250.00	0.00386
-40.00	-250.00	0.00419	-30.00	-250.00	0.00449
-25.00	-250.00	0.00462	-20.00	-250.00	0.00470
-17.00	-250.00	0.00472	-15.00	-250.00	0.00470
-13.00	-250.00	0.00467	-11.00	-250.00	0.00461
-9.00	-250.00	0.00452	9.00	-250.00	0.00298
11.00	-250.00	0.00284	13.00	-250.00	0.00271
15.00	-250.00	0.00259	17.00	-250.00	0.00247
20.00	-250.00	0.00231	25.00	-250.00	0.00207
30.00	-250.00	0.00187	40.00	-250.00	0.00156
50.00	-250.00	0.00133	60.00	-250.00	0.00115
70.00	-250.00	0.00100	80.00	-250.00	0.00089
90.00	-250.00	0.00079	100.00	-250.00	0.00071
-100.00	-240.00	0.00263	-90.00	-240.00	0.00287
-80.00	-240.00	0.00315	-70.00	-240.00	0.00346
-60.00	-240.00	0.00382	-50.00	-240.00	0.00422
-40.00	-240.00	0.00465	-30.00	-240.00	0.00507
-25.00	-240.00	0.00527	-20.00	-240.00	0.00543
-17.00	-240.00	0.00551	-15.00	-240.00	0.00555
-13.00	-240.00	0.00557	-11.00	-240.00	0.00555
-9.00	-240.00	0.00549	9.00	-240.00	0.00338
11.00	-240.00	0.00318	13.00	-240.00	0.00300
15.00	-240.00	0.00284	17.00	-240.00	0.00269
20.00	-240.00	0.00249	25.00	-240.00	0.00222
30.00	-240.00	0.00200	40.00	-240.00	0.00166
50.00	-240.00	0.00140	60.00	-240.00	0.00121
70.00	-240.00	0.00105	80.00	-240.00	0.00092
90.00	-240.00	0.00082	100.00	-240.00	0.00073
-100.00	-230.00	0.00273	-90.00	-230.00	0.00299
-80.00	-230.00	0.00329	-70.00	-230.00	0.00364

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-60.00	-230.00	0.00405	-50.00	-230.00	0.00451
-40.00	-230.00	0.00504	-30.00	-230.00	0.00560
-25.00	-230.00	0.00589	-20.00	-230.00	0.00619
-17.00	-230.00	0.00636	-15.00	-230.00	0.00646
-13.00	-230.00	0.00657	-11.00	-230.00	0.00668
-9.00	-230.00	0.00677	9.00	-230.00	0.00375
11.00	-230.00	0.00349	13.00	-230.00	0.00327
15.00	-230.00	0.00307	17.00	-230.00	0.00291

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00269	25.00	-230.00	0.00238
30.00	-230.00	0.00214	40.00	-230.00	0.00176
50.00	-230.00	0.00148	60.00	-230.00	0.00127
70.00	-230.00	0.00110	80.00	-230.00	0.00096
90.00	-230.00	0.00085	100.00	-230.00	0.00075
-100.00	-220.00	0.00280	-90.00	-220.00	0.00308
-80.00	-220.00	0.00340	-70.00	-220.00	0.00378
-60.00	-220.00	0.00421	-50.00	-220.00	0.00472
-40.00	-220.00	0.00530	-30.00	-220.00	0.00594
-25.00	-220.00	0.00628	-20.00	-220.00	0.00664
-17.00	-220.00	0.00687	-15.00	-220.00	0.00703
-13.00	-220.00	0.00720	-11.00	-220.00	0.00741
-9.00	-220.00	0.00767	9.00	-220.00	0.00433
11.00	-220.00	0.00396	13.00	-220.00	0.00367
15.00	-220.00	0.00343	17.00	-220.00	0.00322
20.00	-220.00	0.00296	25.00	-220.00	0.00260
30.00	-220.00	0.00232	40.00	-220.00	0.00189
50.00	-220.00	0.00158	60.00	-220.00	0.00134
70.00	-220.00	0.00116	80.00	-220.00	0.00101
90.00	-220.00	0.00089	100.00	-220.00	0.00079
-100.00	-210.00	0.00285	-90.00	-210.00	0.00314
-80.00	-210.00	0.00348	-70.00	-210.00	0.00387
-60.00	-210.00	0.00433	-50.00	-210.00	0.00486
-40.00	-210.00	0.00547	-30.00	-210.00	0.00615
-25.00	-210.00	0.00651	-20.00	-210.00	0.00691
-17.00	-210.00	0.00717	-15.00	-210.00	0.00737

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-13.00	-210.00	0.00760	-11.00	-210.00	0.00791
-9.00	-210.00	0.00837	9.00	-210.00	0.00552
11.00	-210.00	0.00494	13.00	-210.00	0.00449
15.00	-210.00	0.00413	17.00	-210.00	0.00383
20.00	-210.00	0.00345	25.00	-210.00	0.00297
30.00	-210.00	0.00260	40.00	-210.00	0.00207
50.00	-210.00	0.00171	60.00	-210.00	0.00144
70.00	-210.00	0.00123	80.00	-210.00	0.00106
90.00	-210.00	0.00093	100.00	-210.00	0.00082
-100.00	-200.00	0.00290	-90.00	-200.00	0.00320
-80.00	-200.00	0.00355	-70.00	-200.00	0.00395
-60.00	-200.00	0.00443	-50.00	-200.00	0.00498
-40.00	-200.00	0.00561	-30.00	-200.00	0.00633
-25.00	-200.00	0.00674	-20.00	-200.00	0.00721

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00757	-15.00	-200.00	0.00786
-13.00	-200.00	0.00823	-11.00	-200.00	0.00872
-9.00	-200.00	0.00943	9.00	-200.00	0.00663
11.00	-200.00	0.00592	13.00	-200.00	0.00537
15.00	-200.00	0.00491	17.00	-200.00	0.00452
20.00	-200.00	0.00403	25.00	-200.00	0.00341
30.00	-200.00	0.00294	40.00	-200.00	0.00230
50.00	-200.00	0.00186	60.00	-200.00	0.00155
70.00	-200.00	0.00131	80.00	-200.00	0.00113
90.00	-200.00	0.00098	100.00	-200.00	0.00086
-100.00	-190.00	0.00294	-90.00	-190.00	0.00324
-80.00	-190.00	0.00360	-70.00	-190.00	0.00402
-60.00	-190.00	0.00451	-50.00	-190.00	0.00508
-40.00	-190.00	0.00575	-30.00	-190.00	0.00654
-25.00	-190.00	0.00701	-20.00	-190.00	0.00761
-17.00	-190.00	0.00808	-15.00	-190.00	0.00848
-13.00	-190.00	0.00899	-11.00	-190.00	0.00963
-9.00	-190.00	0.01047	9.00	-190.00	0.00753
11.00	-190.00	0.00675	13.00	-190.00	0.00612
15.00	-190.00	0.00559	17.00	-190.00	0.00515

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

20.00	-190.00	0.00458	25.00	-190.00	0.00385
30.00	-190.00	0.00330	40.00	-190.00	0.00253
50.00	-190.00	0.00203	60.00	-190.00	0.00167
70.00	-190.00	0.00140	80.00	-190.00	0.00120
90.00	-190.00	0.00104	100.00	-190.00	0.00091
-100.00	-180.00	0.00297	-90.00	-180.00	0.00328
-80.00	-180.00	0.00365	-70.00	-180.00	0.00408
-60.00	-180.00	0.00458	-50.00	-180.00	0.00518
-40.00	-180.00	0.00589	-30.00	-180.00	0.00676
-25.00	-180.00	0.00732	-20.00	-180.00	0.00805
-17.00	-180.00	0.00863	-15.00	-180.00	0.00912
-13.00	-180.00	0.00971	-11.00	-180.00	0.01044
-9.00	-180.00	0.01136	9.00	-180.00	0.00827
11.00	-180.00	0.00743	13.00	-180.00	0.00675
15.00	-180.00	0.00618	17.00	-180.00	0.00569
20.00	-180.00	0.00507	25.00	-180.00	0.00426
30.00	-180.00	0.00365	40.00	-180.00	0.00278
50.00	-180.00	0.00220	60.00	-180.00	0.00180
70.00	-180.00	0.00150	80.00	-180.00	0.00127
90.00	-180.00	0.00109	100.00	-180.00	0.00095

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTS:
 PAGE 126

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00300	-90.00	-170.00	0.00332
-80.00	-170.00	0.00369	-70.00	-170.00	0.00413
-60.00	-170.00	0.00466	-50.00	-170.00	0.00528
-40.00	-170.00	0.00603	-30.00	-170.00	0.00700
-25.00	-170.00	0.00764	-20.00	-170.00	0.00849
-17.00	-170.00	0.00915	-15.00	-170.00	0.00970
-13.00	-170.00	0.01035	-11.00	-170.00	0.01113
-9.00	-170.00	0.01209	9.00	-170.00	0.00886
11.00	-170.00	0.00798	13.00	-170.00	0.00728
15.00	-170.00	0.00668	17.00	-170.00	0.00616
20.00	-170.00	0.00549	25.00	-170.00	0.00462
30.00	-170.00	0.00396	40.00	-170.00	0.00301
50.00	-170.00	0.00237	60.00	-170.00	0.00192
70.00	-170.00	0.00160	80.00	-170.00	0.00135

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

90.00	-170.00	0.00116	100.00	-170.00	0.00100
-100.00	-160.00	0.00302	-90.00	-160.00	0.00335
-80.00	-160.00	0.00373	-70.00	-160.00	0.00419
-60.00	-160.00	0.00473	-50.00	-160.00	0.00538
-40.00	-160.00	0.00618	-30.00	-160.00	0.00724
-25.00	-160.00	0.00796	-20.00	-160.00	0.00890
-17.00	-160.00	0.00963	-15.00	-160.00	0.01021
-13.00	-160.00	0.01089	-11.00	-160.00	0.01170
-9.00	-160.00	0.01268	9.00	-160.00	0.00934
11.00	-160.00	0.00843	13.00	-160.00	0.00771
15.00	-160.00	0.00709	17.00	-160.00	0.00655
20.00	-160.00	0.00586	25.00	-160.00	0.00493
30.00	-160.00	0.00423	40.00	-160.00	0.00322
50.00	-160.00	0.00254	60.00	-160.00	0.00205
70.00	-160.00	0.00169	80.00	-160.00	0.00142
90.00	-160.00	0.00122	100.00	-160.00	0.00105
-100.00	-150.00	0.00305	-90.00	-150.00	0.00338
-80.00	-150.00	0.00377	-70.00	-150.00	0.00424
-60.00	-150.00	0.00480	-50.00	-150.00	0.00548
-40.00	-150.00	0.00633	-30.00	-150.00	0.00747
-25.00	-150.00	0.00826	-20.00	-150.00	0.00926
-17.00	-150.00	0.01004	-15.00	-150.00	0.01065
-13.00	-150.00	0.01135	-11.00	-150.00	0.01218
-9.00	-150.00	0.01316	9.00	-150.00	0.00974
11.00	-150.00	0.00881	13.00	-150.00	0.00806
15.00	-150.00	0.00743	17.00	-150.00	0.00688

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52
**MODELOPTS:
PAGE 127

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00617	25.00	-150.00	0.00521
30.00	-150.00	0.00447	40.00	-150.00	0.00341
50.00	-150.00	0.00269	60.00	-150.00	0.00217
70.00	-150.00	0.00179	80.00	-150.00	0.00150
90.00	-150.00	0.00128	100.00	-150.00	0.00110
-100.00	-140.00	0.00307	-90.00	-140.00	0.00341
-80.00	-140.00	0.00381	-70.00	-140.00	0.00429
-60.00	-140.00	0.00487	-50.00	-140.00	0.00557

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-40.00	-140.00	0.00647	-30.00	-140.00	0.00769
-25.00	-140.00	0.00852	-20.00	-140.00	0.00959
-17.00	-140.00	0.01038	-15.00	-140.00	0.01101
-13.00	-140.00	0.01173	-11.00	-140.00	0.01258
-9.00	-140.00	0.01360	9.00	-140.00	0.01008
11.00	-140.00	0.00914	13.00	-140.00	0.00836
15.00	-140.00	0.00772	17.00	-140.00	0.00716
20.00	-140.00	0.00644	25.00	-140.00	0.00546
30.00	-140.00	0.00469	40.00	-140.00	0.00358
50.00	-140.00	0.00283	60.00	-140.00	0.00228
70.00	-140.00	0.00188	80.00	-140.00	0.00157
90.00	-140.00	0.00134	100.00	-140.00	0.00115
-100.00	-130.00	0.00308	-90.00	-130.00	0.00343
-80.00	-130.00	0.00384	-70.00	-130.00	0.00434
-60.00	-130.00	0.00493	-50.00	-130.00	0.00567
-40.00	-130.00	0.00662	-30.00	-130.00	0.00790
-25.00	-130.00	0.00877	-20.00	-130.00	0.00987
-17.00	-130.00	0.01069	-15.00	-130.00	0.01132
-13.00	-130.00	0.01204	-11.00	-130.00	0.01290
-9.00	-130.00	0.01393	9.00	-130.00	0.01032
11.00	-130.00	0.00940	13.00	-130.00	0.00863
15.00	-130.00	0.00797	17.00	-130.00	0.00740
20.00	-130.00	0.00667	25.00	-130.00	0.00566
30.00	-130.00	0.00488	40.00	-130.00	0.00374
50.00	-130.00	0.00295	60.00	-130.00	0.00239
70.00	-130.00	0.00197	80.00	-130.00	0.00165
90.00	-130.00	0.00140	100.00	-130.00	0.00120
-100.00	-120.00	0.00310	-90.00	-120.00	0.00346
-80.00	-120.00	0.00388	-70.00	-120.00	0.00438
-60.00	-120.00	0.00500	-50.00	-120.00	0.00576
-40.00	-120.00	0.00675	-30.00	-120.00	0.00810
-25.00	-120.00	0.00899	-20.00	-120.00	0.01011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTS:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.01095	-15.00	-120.00	0.01159
-13.00	-120.00	0.01232	-11.00	-120.00	0.01318

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-9.00	-120.00	0.01420	9.00	-120.00	0.01051
11.00	-120.00	0.00960	13.00	-120.00	0.00883
15.00	-120.00	0.00818	17.00	-120.00	0.00760
20.00	-120.00	0.00685	25.00	-120.00	0.00585
30.00	-120.00	0.00505	40.00	-120.00	0.00387
50.00	-120.00	0.00307	60.00	-120.00	0.00248
70.00	-120.00	0.00205	80.00	-120.00	0.00171
90.00	-120.00	0.00145	100.00	-120.00	0.00124
-100.00	-110.00	0.00311	-90.00	-110.00	0.00348
-80.00	-110.00	0.00391	-70.00	-110.00	0.00442
-60.00	-110.00	0.00506	-50.00	-110.00	0.00585
-40.00	-110.00	0.00687	-30.00	-110.00	0.00827
-25.00	-110.00	0.00918	-20.00	-110.00	0.01033
-17.00	-110.00	0.01117	-15.00	-110.00	0.01182
-13.00	-110.00	0.01255	-11.00	-110.00	0.01339
-9.00	-110.00	0.01441	9.00	-110.00	0.01070
11.00	-110.00	0.00978	13.00	-110.00	0.00901
15.00	-110.00	0.00835	17.00	-110.00	0.00777
20.00	-110.00	0.00702	25.00	-110.00	0.00600
30.00	-110.00	0.00519	40.00	-110.00	0.00400
50.00	-110.00	0.00317	60.00	-110.00	0.00257
70.00	-110.00	0.00212	80.00	-110.00	0.00178
90.00	-110.00	0.00151	100.00	-110.00	0.00129
-100.00	-100.00	0.00313	-90.00	-100.00	0.00350
-80.00	-100.00	0.00394	-70.00	-100.00	0.00447
-60.00	-100.00	0.00512	-50.00	-100.00	0.00593
-40.00	-100.00	0.00699	-30.00	-100.00	0.00842
-25.00	-100.00	0.00936	-20.00	-100.00	0.01051
-17.00	-100.00	0.01136	-15.00	-100.00	0.01200
-13.00	-100.00	0.01274	-11.00	-100.00	0.01359
-9.00	-100.00	0.01459	9.00	-100.00	0.01087
11.00	-100.00	0.00994	13.00	-100.00	0.00916
15.00	-100.00	0.00850	17.00	-100.00	0.00792
20.00	-100.00	0.00716	25.00	-100.00	0.00613
30.00	-100.00	0.00532	40.00	-100.00	0.00411
50.00	-100.00	0.00326	60.00	-100.00	0.00265
70.00	-100.00	0.00219	80.00	-100.00	0.00184
90.00	-100.00	0.00156	100.00	-100.00	0.00133

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTS:
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00314	-90.00	-90.00	0.00351
-80.00	-90.00	0.00396	-70.00	-90.00	0.00450
-60.00	-90.00	0.00517	-50.00	-90.00	0.00601
-40.00	-90.00	0.00710	-30.00	-90.00	0.00856
-25.00	-90.00	0.00950	-20.00	-90.00	0.01067
-17.00	-90.00	0.01152	-15.00	-90.00	0.01217
-13.00	-90.00	0.01290	-11.00	-90.00	0.01375
-9.00	-90.00	0.01475	9.00	-90.00	0.01102
11.00	-90.00	0.01008	13.00	-90.00	0.00930
15.00	-90.00	0.00863	17.00	-90.00	0.00804
20.00	-90.00	0.00728	25.00	-90.00	0.00625
30.00	-90.00	0.00543	40.00	-90.00	0.00421
50.00	-90.00	0.00335	60.00	-90.00	0.00272
70.00	-90.00	0.00225	80.00	-90.00	0.00189
90.00	-90.00	0.00160	100.00	-90.00	0.00138
-100.00	-80.00	0.00315	-90.00	-80.00	0.00353
-80.00	-80.00	0.00398	-70.00	-80.00	0.00454
-60.00	-80.00	0.00522	-50.00	-80.00	0.00608
-40.00	-80.00	0.00719	-30.00	-80.00	0.00868
-25.00	-80.00	0.00964	-20.00	-80.00	0.01081
-17.00	-80.00	0.01166	-15.00	-80.00	0.01231
-13.00	-80.00	0.01304	-11.00	-80.00	0.01389
-9.00	-80.00	0.01489	9.00	-80.00	0.01115
11.00	-80.00	0.01020	13.00	-80.00	0.00942
15.00	-80.00	0.00875	17.00	-80.00	0.00815
20.00	-80.00	0.00739	25.00	-80.00	0.00635
30.00	-80.00	0.00553	40.00	-80.00	0.00429
50.00	-80.00	0.00343	60.00	-80.00	0.00279
70.00	-80.00	0.00231	80.00	-80.00	0.00194
90.00	-80.00	0.00165	100.00	-80.00	0.00141
-100.00	-70.00	0.00315	-90.00	-70.00	0.00354
-80.00	-70.00	0.00400	-70.00	-70.00	0.00457
-60.00	-70.00	0.00527	-50.00	-70.00	0.00614
-40.00	-70.00	0.00728	-30.00	-70.00	0.00878
-25.00	-70.00	0.00975	-20.00	-70.00	0.01093
-17.00	-70.00	0.01178	-15.00	-70.00	0.01243
-13.00	-70.00	0.01316	-11.00	-70.00	0.01401
-9.00	-70.00	0.01501	9.00	-70.00	0.01127
11.00	-70.00	0.01030	13.00	-70.00	0.00952
15.00	-70.00	0.00885	17.00	-70.00	0.00826

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:46:52

**MODELOPTS:
 PAGE 130

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00748	25.00	-70.00	0.00644
30.00	-70.00	0.00561	40.00	-70.00	0.00437
50.00	-70.00	0.00349	60.00	-70.00	0.00285
70.00	-70.00	0.00236	80.00	-70.00	0.00198
90.00	-70.00	0.00169	100.00	-70.00	0.00145
-100.00	-60.00	0.00315	-90.00	-60.00	0.00355
-80.00	-60.00	0.00402	-70.00	-60.00	0.00460
-60.00	-60.00	0.00531	-50.00	-60.00	0.00621
-40.00	-60.00	0.00735	-30.00	-60.00	0.00887
-25.00	-60.00	0.00985	-20.00	-60.00	0.01103
-17.00	-60.00	0.01189	-15.00	-60.00	0.01254
-13.00	-60.00	0.01328	-11.00	-60.00	0.01412
-9.00	-60.00	0.01511	9.00	-60.00	0.01137
11.00	-60.00	0.01040	13.00	-60.00	0.00960
15.00	-60.00	0.00893	17.00	-60.00	0.00834
20.00	-60.00	0.00757	25.00	-60.00	0.00652
30.00	-60.00	0.00568	40.00	-60.00	0.00444
50.00	-60.00	0.00355	60.00	-60.00	0.00290
70.00	-60.00	0.00241	80.00	-60.00	0.00202
90.00	-60.00	0.00172	100.00	-60.00	0.00148
-100.00	-50.00	0.00315	-90.00	-50.00	0.00356
-80.00	-50.00	0.00404	-70.00	-50.00	0.00462
-60.00	-50.00	0.00535	-50.00	-50.00	0.00626
-40.00	-50.00	0.00742	-30.00	-50.00	0.00895
-25.00	-50.00	0.00993	-20.00	-50.00	0.01112
-17.00	-50.00	0.01197	-15.00	-50.00	0.01262
-13.00	-50.00	0.01336	-11.00	-50.00	0.01423
-9.00	-50.00	0.01524	9.00	-50.00	0.01147
11.00	-50.00	0.01049	13.00	-50.00	0.00968
15.00	-50.00	0.00900	17.00	-50.00	0.00841
20.00	-50.00	0.00764	25.00	-50.00	0.00659
30.00	-50.00	0.00575	40.00	-50.00	0.00450
50.00	-50.00	0.00361	60.00	-50.00	0.00295
70.00	-50.00	0.00245	80.00	-50.00	0.00206

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

90.00	-50.00	0.00176	100.00	-50.00	0.00151
-100.00	-40.00	0.00315	-90.00	-40.00	0.00356
-80.00	-40.00	0.00405	-70.00	-40.00	0.00464
-60.00	-40.00	0.00538	-50.00	-40.00	0.00630
-40.00	-40.00	0.00748	-30.00	-40.00	0.00902
-25.00	-40.00	0.01000	-20.00	-40.00	0.01119

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

PAGE 131

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.01204	-15.00	-40.00	0.01270
-13.00	-40.00	0.01343	-11.00	-40.00	0.01430
-9.00	-40.00	0.01533	9.00	-40.00	0.01151
11.00	-40.00	0.01056	13.00	-40.00	0.00976
15.00	-40.00	0.00908	17.00	-40.00	0.00848
20.00	-40.00	0.00771	25.00	-40.00	0.00665
30.00	-40.00	0.00580	40.00	-40.00	0.00455
50.00	-40.00	0.00366	60.00	-40.00	0.00299
70.00	-40.00	0.00249	80.00	-40.00	0.00210
90.00	-40.00	0.00179	100.00	-40.00	0.00154
-100.00	-30.00	0.00315	-90.00	-30.00	0.00356
-80.00	-30.00	0.00405	-70.00	-30.00	0.00466
-60.00	-30.00	0.00541	-50.00	-30.00	0.00634
-40.00	-30.00	0.00753	-30.00	-30.00	0.00908
-25.00	-30.00	0.01006	-20.00	-30.00	0.01125
-17.00	-30.00	0.01211	-15.00	-30.00	0.01277
-13.00	-30.00	0.01351	-11.00	-30.00	0.01437
-9.00	-30.00	0.01539	9.00	-30.00	0.01154
11.00	-30.00	0.01060	13.00	-30.00	0.00981
15.00	-30.00	0.00913	17.00	-30.00	0.00853
20.00	-30.00	0.00775	25.00	-30.00	0.00670
30.00	-30.00	0.00585	40.00	-30.00	0.00460
50.00	-30.00	0.00370	60.00	-30.00	0.00303
70.00	-30.00	0.00252	80.00	-30.00	0.00213
90.00	-30.00	0.00181	100.00	-30.00	0.00156
-100.00	-20.00	0.00314	-90.00	-20.00	0.00356
-80.00	-20.00	0.00406	-70.00	-20.00	0.00467
-60.00	-20.00	0.00543	-50.00	-20.00	0.00637

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-40.00	-20.00	0.00757	-30.00	-20.00	0.00913
-25.00	-20.00	0.01011	-20.00	-20.00	0.01131
-17.00	-20.00	0.01217	-15.00	-20.00	0.01282
-13.00	-20.00	0.01356	-11.00	-20.00	0.01441
-9.00	-20.00	0.01542	9.00	-20.00	0.01158
11.00	-20.00	0.01064	13.00	-20.00	0.00985
15.00	-20.00	0.00917	17.00	-20.00	0.00858
20.00	-20.00	0.00780	25.00	-20.00	0.00674
30.00	-20.00	0.00590	40.00	-20.00	0.00464
50.00	-20.00	0.00373	60.00	-20.00	0.00307
70.00	-20.00	0.00255	80.00	-20.00	0.00215
90.00	-20.00	0.00184	100.00	-20.00	0.00158

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00313	-90.00	-10.00	0.00355
-80.00	-10.00	0.00406	-70.00	-10.00	0.00468
-60.00	-10.00	0.00544	-50.00	-10.00	0.00640
-40.00	-10.00	0.00760	-30.00	-10.00	0.00917
-25.00	-10.00	0.01015	-20.00	-10.00	0.01135
-17.00	-10.00	0.01221	-15.00	-10.00	0.01286
-13.00	-10.00	0.01360	-11.00	-10.00	0.01445
-9.00	-10.00	0.01545	9.00	-10.00	0.01162
11.00	-10.00	0.01068	13.00	-10.00	0.00989
15.00	-10.00	0.00921	17.00	-10.00	0.00861
20.00	-10.00	0.00784	25.00	-10.00	0.00678
30.00	-10.00	0.00593	40.00	-10.00	0.00467
50.00	-10.00	0.00377	60.00	-10.00	0.00309
70.00	-10.00	0.00258	80.00	-10.00	0.00218
90.00	-10.00	0.00186	100.00	-10.00	0.00160
-100.00	0.00	0.00311	-90.00	0.00	0.00354
-80.00	0.00	0.00405	-70.00	0.00	0.00468
-60.00	0.00	0.00545	-50.00	0.00	0.00641
-40.00	0.00	0.00762	-30.00	0.00	0.00920
-25.00	0.00	0.01019	-20.00	0.00	0.01138
-17.00	0.00	0.01224	-15.00	0.00	0.01289
-13.00	0.00	0.01363	-11.00	0.00	0.01448

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-9.00	0.00	0.01548	9.00	0.00	0.01167
11.00	0.00	0.01071	13.00	0.00	0.00992
15.00	0.00	0.00924	17.00	0.00	0.00864
20.00	0.00	0.00787	25.00	0.00	0.00681
30.00	0.00	0.00596	40.00	0.00	0.00470
50.00	0.00	0.00379	60.00	0.00	0.00312
70.00	0.00	0.00260	80.00	0.00	0.00220
90.00	0.00	0.00188	100.00	0.00	0.00162
-100.00	10.00	0.00309	-90.00	10.00	0.00352
-80.00	10.00	0.00404	-70.00	10.00	0.00467
-60.00	10.00	0.00545	-50.00	10.00	0.00642
-40.00	10.00	0.00764	-30.00	10.00	0.00922
-25.00	10.00	0.01021	-20.00	10.00	0.01141
-17.00	10.00	0.01227	-15.00	10.00	0.01292
-13.00	10.00	0.01366	-11.00	10.00	0.01450
-9.00	10.00	0.01550	9.00	10.00	0.01170
11.00	10.00	0.01074	13.00	10.00	0.00995
15.00	10.00	0.00927	17.00	10.00	0.00867

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00789	25.00	10.00	0.00683
30.00	10.00	0.00599	40.00	10.00	0.00472
50.00	10.00	0.00381	60.00	10.00	0.00314
70.00	10.00	0.00262	80.00	10.00	0.00222
90.00	10.00	0.00190	100.00	10.00	0.00164
-100.00	20.00	0.00307	-90.00	20.00	0.00350
-80.00	20.00	0.00402	-70.00	20.00	0.00466
-60.00	20.00	0.00545	-50.00	20.00	0.00642
-40.00	20.00	0.00765	-30.00	20.00	0.00923
-25.00	20.00	0.01022	-20.00	20.00	0.01142
-17.00	20.00	0.01228	-15.00	20.00	0.01293
-13.00	20.00	0.01367	-11.00	20.00	0.01451
-9.00	20.00	0.01551	9.00	20.00	0.01173
11.00	20.00	0.01076	13.00	20.00	0.00997
15.00	20.00	0.00929	17.00	20.00	0.00869
20.00	20.00	0.00791	25.00	20.00	0.00684

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

30.00	20.00	0.00600	40.00	20.00	0.00474
50.00	20.00	0.00383	60.00	20.00	0.00316
70.00	20.00	0.00264	80.00	20.00	0.00223
90.00	20.00	0.00191	100.00	20.00	0.00165
-100.00	30.00	0.00305	-90.00	30.00	0.00348
-80.00	30.00	0.00400	-70.00	30.00	0.00465
-60.00	30.00	0.00544	-50.00	30.00	0.00641
-40.00	30.00	0.00764	-30.00	30.00	0.00923
-25.00	30.00	0.01023	-20.00	30.00	0.01142
-17.00	30.00	0.01229	-15.00	30.00	0.01295
-13.00	30.00	0.01369	-11.00	30.00	0.01453
-9.00	30.00	0.01552	9.00	30.00	0.01176
11.00	30.00	0.01078	13.00	30.00	0.00997
15.00	30.00	0.00930	17.00	30.00	0.00870
20.00	30.00	0.00792	25.00	30.00	0.00686
30.00	30.00	0.00601	40.00	30.00	0.00475
50.00	30.00	0.00384	60.00	30.00	0.00317
70.00	30.00	0.00265	80.00	30.00	0.00225
90.00	30.00	0.00192	100.00	30.00	0.00166
-100.00	40.00	0.00302	-90.00	40.00	0.00345
-80.00	40.00	0.00397	-70.00	40.00	0.00462
-60.00	40.00	0.00541	-50.00	40.00	0.00640
-40.00	40.00	0.00763	-30.00	40.00	0.00922
-25.00	40.00	0.01021	-20.00	40.00	0.01142

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

PAGE 134

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.01228	-15.00	40.00	0.01293
-13.00	40.00	0.01368	-11.00	40.00	0.01455
-9.00	40.00	0.01557	9.00	40.00	0.01178
11.00	40.00	0.01079	13.00	40.00	0.00998
15.00	40.00	0.00930	17.00	40.00	0.00870
20.00	40.00	0.00793	25.00	40.00	0.00687
30.00	40.00	0.00602	40.00	40.00	0.00475
50.00	40.00	0.00385	60.00	40.00	0.00318
70.00	40.00	0.00266	80.00	40.00	0.00226
90.00	40.00	0.00193	100.00	40.00	0.00167

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-100.00	50.00	0.00298	-90.00	50.00	0.00341
-80.00	50.00	0.00394	-70.00	50.00	0.00459
-60.00	50.00	0.00538	-50.00	50.00	0.00637
-40.00	50.00	0.00761	-30.00	50.00	0.00920
-25.00	50.00	0.01020	-20.00	50.00	0.01140
-17.00	50.00	0.01227	-15.00	50.00	0.01292
-13.00	50.00	0.01366	-11.00	50.00	0.01453
-9.00	50.00	0.01556	9.00	50.00	0.01175
11.00	50.00	0.01079	13.00	50.00	0.00999
15.00	50.00	0.00931	17.00	50.00	0.00871
20.00	50.00	0.00793	25.00	50.00	0.00687
30.00	50.00	0.00602	40.00	50.00	0.00476
50.00	50.00	0.00386	60.00	50.00	0.00318
70.00	50.00	0.00267	80.00	50.00	0.00226
90.00	50.00	0.00194	100.00	50.00	0.00168
-100.00	60.00	0.00294	-90.00	60.00	0.00337
-80.00	60.00	0.00390	-70.00	60.00	0.00455
-60.00	60.00	0.00534	-50.00	60.00	0.00634
-40.00	60.00	0.00758	-30.00	60.00	0.00917
-25.00	60.00	0.01017	-20.00	60.00	0.01138
-17.00	60.00	0.01225	-15.00	60.00	0.01291
-13.00	60.00	0.01365	-11.00	60.00	0.01451
-9.00	60.00	0.01554	9.00	60.00	0.01170
11.00	60.00	0.01076	13.00	60.00	0.00997
15.00	60.00	0.00929	17.00	60.00	0.00870
20.00	60.00	0.00792	25.00	60.00	0.00686
30.00	60.00	0.00602	40.00	60.00	0.00475
50.00	60.00	0.00385	60.00	60.00	0.00318
70.00	60.00	0.00267	80.00	60.00	0.00227
90.00	60.00	0.00195	100.00	60.00	0.00169

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:
 PAGE 135

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00290	-90.00	70.00	0.00333
-80.00	70.00	0.00385	-70.00	70.00	0.00450
-60.00	70.00	0.00529	-50.00	70.00	0.00629
-40.00	70.00	0.00753	-30.00	70.00	0.00913

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-25.00	70.00	0.01013	-20.00	70.00	0.01134
-17.00	70.00	0.01221	-15.00	70.00	0.01287
-13.00	70.00	0.01362	-11.00	70.00	0.01447
-9.00	70.00	0.01549	9.00	70.00	0.01168
11.00	70.00	0.01074	13.00	70.00	0.00995
15.00	70.00	0.00927	17.00	70.00	0.00868
20.00	70.00	0.00790	25.00	70.00	0.00685
30.00	70.00	0.00601	40.00	70.00	0.00475
50.00	70.00	0.00385	60.00	70.00	0.00318
70.00	70.00	0.00267	80.00	70.00	0.00227
90.00	70.00	0.00195	100.00	70.00	0.00169
-100.00	80.00	0.00285	-90.00	80.00	0.00327
-80.00	80.00	0.00379	-70.00	80.00	0.00444
-60.00	80.00	0.00523	-50.00	80.00	0.00623
-40.00	80.00	0.00747	-30.00	80.00	0.00908
-25.00	80.00	0.01008	-20.00	80.00	0.01129
-17.00	80.00	0.01216	-15.00	80.00	0.01282
-13.00	80.00	0.01357	-11.00	80.00	0.01442
-9.00	80.00	0.01543	9.00	80.00	0.01165
11.00	80.00	0.01071	13.00	80.00	0.00992
15.00	80.00	0.00925	17.00	80.00	0.00865
20.00	80.00	0.00788	25.00	80.00	0.00683
30.00	80.00	0.00599	40.00	80.00	0.00473
50.00	80.00	0.00384	60.00	80.00	0.00317
70.00	80.00	0.00267	80.00	80.00	0.00227
90.00	80.00	0.00195	100.00	80.00	0.00169
-100.00	90.00	0.00279	-90.00	90.00	0.00321
-80.00	90.00	0.00373	-70.00	90.00	0.00437
-60.00	90.00	0.00516	-50.00	90.00	0.00615
-40.00	90.00	0.00740	-30.00	90.00	0.00901
-25.00	90.00	0.01002	-20.00	90.00	0.01123
-17.00	90.00	0.01210	-15.00	90.00	0.01276
-13.00	90.00	0.01351	-11.00	90.00	0.01436
-9.00	90.00	0.01537	9.00	90.00	0.01162
11.00	90.00	0.01067	13.00	90.00	0.00989
15.00	90.00	0.00921	17.00	90.00	0.00862

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00785	25.00	90.00	0.00680
30.00	90.00	0.00596	40.00	90.00	0.00471
50.00	90.00	0.00382	60.00	90.00	0.00316
70.00	90.00	0.00266	80.00	90.00	0.00226
90.00	90.00	0.00195	100.00	90.00	0.00170
-100.00	100.00	0.00273	-90.00	100.00	0.00314
-80.00	100.00	0.00365	-70.00	100.00	0.00428
-60.00	100.00	0.00507	-50.00	100.00	0.00606
-40.00	100.00	0.00731	-30.00	100.00	0.00892
-25.00	100.00	0.00993	-20.00	100.00	0.01115
-17.00	100.00	0.01202	-15.00	100.00	0.01269
-13.00	100.00	0.01343	-11.00	100.00	0.01429
-9.00	100.00	0.01530	9.00	100.00	0.01158
11.00	100.00	0.01063	13.00	100.00	0.00985
15.00	100.00	0.00917	17.00	100.00	0.00858
20.00	100.00	0.00781	25.00	100.00	0.00676
30.00	100.00	0.00593	40.00	100.00	0.00469
50.00	100.00	0.00381	60.00	100.00	0.00315
70.00	100.00	0.00265	80.00	100.00	0.00226
90.00	100.00	0.00195	100.00	100.00	0.00170
-100.00	110.00	0.00266	-90.00	110.00	0.00307
-80.00	110.00	0.00357	-70.00	110.00	0.00419
-60.00	110.00	0.00497	-50.00	110.00	0.00595
-40.00	110.00	0.00720	-30.00	110.00	0.00882
-25.00	110.00	0.00983	-20.00	110.00	0.01105
-17.00	110.00	0.01192	-15.00	110.00	0.01259
-13.00	110.00	0.01333	-11.00	110.00	0.01419
-9.00	110.00	0.01520	9.00	110.00	0.01153
11.00	110.00	0.01057	13.00	110.00	0.00979
15.00	110.00	0.00912	17.00	110.00	0.00853
20.00	110.00	0.00776	25.00	110.00	0.00672
30.00	110.00	0.00589	40.00	110.00	0.00466
50.00	110.00	0.00378	60.00	110.00	0.00313
70.00	110.00	0.00264	80.00	110.00	0.00225
90.00	110.00	0.00194	100.00	110.00	0.00170
-100.00	120.00	0.00258	-90.00	120.00	0.00298
-80.00	120.00	0.00348	-70.00	120.00	0.00409
-60.00	120.00	0.00485	-50.00	120.00	0.00582
-40.00	120.00	0.00706	-30.00	120.00	0.00868
-25.00	120.00	0.00970	-20.00	120.00	0.01092

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:46:52

**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.01180	-15.00	120.00	0.01248
-13.00	120.00	0.01323	-11.00	120.00	0.01409
-9.00	120.00	0.01509	9.00	120.00	0.01147
11.00	120.00	0.01050	13.00	120.00	0.00971
15.00	120.00	0.00905	17.00	120.00	0.00846
20.00	120.00	0.00770	25.00	120.00	0.00666
30.00	120.00	0.00584	40.00	120.00	0.00462
50.00	120.00	0.00375	60.00	120.00	0.00311
70.00	120.00	0.00262	80.00	120.00	0.00224
90.00	120.00	0.00194	100.00	120.00	0.00169
-100.00	130.00	0.00249	-90.00	130.00	0.00289
-80.00	130.00	0.00337	-70.00	130.00	0.00397
-60.00	130.00	0.00472	-50.00	130.00	0.00567
-40.00	130.00	0.00690	-30.00	130.00	0.00851
-25.00	130.00	0.00953	-20.00	130.00	0.01077
-17.00	130.00	0.01164	-15.00	130.00	0.01231
-13.00	130.00	0.01307	-11.00	130.00	0.01396
-9.00	130.00	0.01500	9.00	130.00	0.01139
11.00	130.00	0.01043	13.00	130.00	0.00962
15.00	130.00	0.00896	17.00	130.00	0.00838
20.00	130.00	0.00763	25.00	130.00	0.00660
30.00	130.00	0.00578	40.00	130.00	0.00457
50.00	130.00	0.00372	60.00	130.00	0.00309
70.00	130.00	0.00261	80.00	130.00	0.00223
90.00	130.00	0.00193	100.00	130.00	0.00169
-100.00	140.00	0.00240	-90.00	140.00	0.00278
-80.00	140.00	0.00325	-70.00	140.00	0.00383
-60.00	140.00	0.00457	-50.00	140.00	0.00550
-40.00	140.00	0.00671	-30.00	140.00	0.00831
-25.00	140.00	0.00933	-20.00	140.00	0.01057
-17.00	140.00	0.01146	-15.00	140.00	0.01213
-13.00	140.00	0.01289	-11.00	140.00	0.01378
-9.00	140.00	0.01483	9.00	140.00	0.01125
11.00	140.00	0.01032	13.00	140.00	0.00954
15.00	140.00	0.00888	17.00	140.00	0.00830
20.00	140.00	0.00754	25.00	140.00	0.00652

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

30.00	140.00	0.00571	40.00	140.00	0.00452
50.00	140.00	0.00368	60.00	140.00	0.00306
70.00	140.00	0.00259	80.00	140.00	0.00222
90.00	140.00	0.00192	100.00	140.00	0.00168

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:46:52
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00229	-90.00	150.00	0.00266
-80.00	150.00	0.00312	-70.00	150.00	0.00368
-60.00	150.00	0.00439	-50.00	150.00	0.00530
-40.00	150.00	0.00648	-30.00	150.00	0.00807
-25.00	150.00	0.00909	-20.00	150.00	0.01033
-17.00	150.00	0.01123	-15.00	150.00	0.01191
-13.00	150.00	0.01267	-11.00	150.00	0.01356
-9.00	150.00	0.01461	9.00	150.00	0.01107
11.00	150.00	0.01016	13.00	150.00	0.00940
15.00	150.00	0.00875	17.00	150.00	0.00818
20.00	150.00	0.00743	25.00	150.00	0.00643
30.00	150.00	0.00563	40.00	150.00	0.00446
50.00	150.00	0.00363	60.00	150.00	0.00303
70.00	150.00	0.00257	80.00	150.00	0.00221
90.00	150.00	0.00191	100.00	150.00	0.00167
-100.00	160.00	0.00218	-90.00	160.00	0.00253
-80.00	160.00	0.00297	-70.00	160.00	0.00351
-60.00	160.00	0.00420	-50.00	160.00	0.00508
-40.00	160.00	0.00622	-30.00	160.00	0.00777
-25.00	160.00	0.00878	-20.00	160.00	0.01003
-17.00	160.00	0.01093	-15.00	160.00	0.01162
-13.00	160.00	0.01239	-11.00	160.00	0.01327
-9.00	160.00	0.01433	9.00	160.00	0.01090
11.00	160.00	0.01000	13.00	160.00	0.00925
15.00	160.00	0.00860	17.00	160.00	0.00804
20.00	160.00	0.00731	25.00	160.00	0.00632
30.00	160.00	0.00554	40.00	160.00	0.00439
50.00	160.00	0.00359	60.00	160.00	0.00300
70.00	160.00	0.00254	80.00	160.00	0.00219
90.00	160.00	0.00190	100.00	160.00	0.00166

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-100.00	170.00	0.00206	-90.00	170.00	0.00239
-80.00	170.00	0.00281	-70.00	170.00	0.00332
-60.00	170.00	0.00398	-50.00	170.00	0.00482
-40.00	170.00	0.00592	-30.00	170.00	0.00742
-25.00	170.00	0.00841	-20.00	170.00	0.00965
-17.00	170.00	0.01055	-15.00	170.00	0.01124
-13.00	170.00	0.01202	-11.00	170.00	0.01291
-9.00	170.00	0.01397	9.00	170.00	0.01070
11.00	170.00	0.00980	13.00	170.00	0.00906
15.00	170.00	0.00843	17.00	170.00	0.00788

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00716	25.00	170.00	0.00620
30.00	170.00	0.00544	40.00	170.00	0.00432
50.00	170.00	0.00354	60.00	170.00	0.00296
70.00	170.00	0.00252	80.00	170.00	0.00217
90.00	170.00	0.00188	100.00	170.00	0.00165
-100.00	180.00	0.00193	-90.00	180.00	0.00224
-80.00	180.00	0.00263	-70.00	180.00	0.00312
-60.00	180.00	0.00373	-50.00	180.00	0.00453
-40.00	180.00	0.00557	-30.00	180.00	0.00701
-25.00	180.00	0.00797	-20.00	180.00	0.00918
-17.00	180.00	0.01008	-15.00	180.00	0.01077
-13.00	180.00	0.01156	-11.00	180.00	0.01246
-9.00	180.00	0.01352	9.00	180.00	0.01046
11.00	180.00	0.00957	13.00	180.00	0.00885
15.00	180.00	0.00823	17.00	180.00	0.00769
20.00	180.00	0.00699	25.00	180.00	0.00606
30.00	180.00	0.00532	40.00	180.00	0.00425
50.00	180.00	0.00349	60.00	180.00	0.00292
70.00	180.00	0.00249	80.00	180.00	0.00214
90.00	180.00	0.00186	100.00	180.00	0.00164
-100.00	190.00	0.00180	-90.00	190.00	0.00209
-80.00	190.00	0.00244	-70.00	190.00	0.00289
-60.00	190.00	0.00346	-50.00	190.00	0.00420
-40.00	190.00	0.00519	-30.00	190.00	0.00655

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

-25.00	190.00	0.00746	-20.00	190.00	0.00862
-17.00	190.00	0.00950	-15.00	190.00	0.01018
-13.00	190.00	0.01096	-11.00	190.00	0.01187
-9.00	190.00	0.01294	9.00	190.00	0.01017
11.00	190.00	0.00931	13.00	190.00	0.00860
15.00	190.00	0.00800	17.00	190.00	0.00748
20.00	190.00	0.00681	25.00	190.00	0.00591
30.00	190.00	0.00521	40.00	190.00	0.00417
50.00	190.00	0.00343	60.00	190.00	0.00288
70.00	190.00	0.00245	80.00	190.00	0.00211
90.00	190.00	0.00184	100.00	190.00	0.00162
-100.00	200.00	0.00169	-90.00	200.00	0.00194
-80.00	200.00	0.00226	-70.00	200.00	0.00266
-60.00	200.00	0.00318	-50.00	200.00	0.00385
-40.00	200.00	0.00475	-30.00	200.00	0.00602
-25.00	200.00	0.00688	-20.00	200.00	0.00797

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00880	-15.00	200.00	0.00946
-13.00	200.00	0.01022	-11.00	200.00	0.01112
-9.00	200.00	0.01220	9.00	200.00	0.00984
11.00	200.00	0.00899	13.00	200.00	0.00832
15.00	200.00	0.00776	17.00	200.00	0.00726
20.00	200.00	0.00662	25.00	200.00	0.00577
30.00	200.00	0.00510	40.00	200.00	0.00409
50.00	200.00	0.00337	60.00	200.00	0.00283
70.00	200.00	0.00241	80.00	200.00	0.00209
90.00	200.00	0.00182	100.00	200.00	0.00161
-100.00	210.00	0.00158	-90.00	210.00	0.00182
-80.00	210.00	0.00210	-70.00	210.00	0.00246
-60.00	210.00	0.00292	-50.00	210.00	0.00351
-40.00	210.00	0.00430	-30.00	210.00	0.00544
-25.00	210.00	0.00623	-20.00	210.00	0.00725
-17.00	210.00	0.00802	-15.00	210.00	0.00863
-13.00	210.00	0.00934	-11.00	210.00	0.01019
-9.00	210.00	0.01124	9.00	210.00	0.00947

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

11.00	210.00	0.00867	13.00	210.00	0.00804
15.00	210.00	0.00751	17.00	210.00	0.00705
20.00	210.00	0.00645	25.00	210.00	0.00563
30.00	210.00	0.00497	40.00	210.00	0.00400
50.00	210.00	0.00330	60.00	210.00	0.00278
70.00	210.00	0.00238	80.00	210.00	0.00206
90.00	210.00	0.00180	100.00	210.00	0.00159
-100.00	220.00	0.00149	-90.00	220.00	0.00171
-80.00	220.00	0.00197	-70.00	220.00	0.00229
-60.00	220.00	0.00270	-50.00	220.00	0.00322
-40.00	220.00	0.00393	-30.00	220.00	0.00493
-25.00	220.00	0.00561	-20.00	220.00	0.00650
-17.00	220.00	0.00718	-15.00	220.00	0.00772
-13.00	220.00	0.00835	-11.00	220.00	0.00909
-9.00	220.00	0.01001	9.00	220.00	0.00913
11.00	220.00	0.00839	13.00	220.00	0.00778
15.00	220.00	0.00728	17.00	220.00	0.00684
20.00	220.00	0.00627	25.00	220.00	0.00548
30.00	220.00	0.00484	40.00	220.00	0.00390
50.00	220.00	0.00323	60.00	220.00	0.00273
70.00	220.00	0.00234	80.00	220.00	0.00203
90.00	220.00	0.00178	100.00	220.00	0.00157

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 16:46:52 *** Maximum train overlap at North/South Bound Direction ***

**MODELOPTs:
 PAGE 141

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00142	-90.00	230.00	0.00162
-80.00	230.00	0.00186	-70.00	230.00	0.00216
-60.00	230.00	0.00254	-50.00	230.00	0.00302
-40.00	230.00	0.00367	-30.00	230.00	0.00460
-25.00	230.00	0.00524	-20.00	230.00	0.00606
-17.00	230.00	0.00668	-15.00	230.00	0.00716
-13.00	230.00	0.00772	-11.00	230.00	0.00837
-9.00	230.00	0.00912	9.00	230.00	0.00852
11.00	230.00	0.00793	13.00	230.00	0.00740
15.00	230.00	0.00695	17.00	230.00	0.00654
20.00	230.00	0.00600	25.00	230.00	0.00526
30.00	230.00	0.00467	40.00	230.00	0.00378

04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

50.00	230.00	0.00314	60.00	230.00	0.00266
70.00	230.00	0.00229	80.00	230.00	0.00199
90.00	230.00	0.00175	100.00	230.00	0.00155
-100.00	240.00	0.00137	-90.00	240.00	0.00156
-80.00	240.00	0.00179	-70.00	240.00	0.00207
-60.00	240.00	0.00243	-50.00	240.00	0.00289
-40.00	240.00	0.00351	-30.00	240.00	0.00440
-25.00	240.00	0.00501	-20.00	240.00	0.00579
-17.00	240.00	0.00638	-15.00	240.00	0.00683
-13.00	240.00	0.00733	-11.00	240.00	0.00787
-9.00	240.00	0.00842	9.00	240.00	0.00731
11.00	240.00	0.00693	13.00	240.00	0.00658
15.00	240.00	0.00625	17.00	240.00	0.00594
20.00	240.00	0.00552	25.00	240.00	0.00491
30.00	240.00	0.00440	40.00	240.00	0.00360
50.00	240.00	0.00302	60.00	240.00	0.00257
70.00	240.00	0.00222	80.00	240.00	0.00194
90.00	240.00	0.00171	100.00	240.00	0.00152
-100.00	250.00	0.00132	-90.00	250.00	0.00151
-80.00	250.00	0.00172	-70.00	250.00	0.00200
-60.00	250.00	0.00234	-50.00	250.00	0.00278
-40.00	250.00	0.00337	-30.00	250.00	0.00422
-25.00	250.00	0.00479	-20.00	250.00	0.00550
-17.00	250.00	0.00599	-15.00	250.00	0.00635
-13.00	250.00	0.00671	-11.00	250.00	0.00705
-9.00	250.00	0.00735	9.00	250.00	0.00620
11.00	250.00	0.00595	13.00	250.00	0.00571
15.00	250.00	0.00547	17.00	250.00	0.00525

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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*** Maximum train overlap at North/South Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00494	25.00	250.00	0.00447
30.00	250.00	0.00406	40.00	250.00	0.00339
50.00	250.00	0.00287	60.00	250.00	0.00246
70.00	250.00	0.00214	80.00	250.00	0.00188
90.00	250.00	0.00166	100.00	250.00	0.00148

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00843 AT (-9.00, 190.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00828 AT (-9.00, 180.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00827 AT (-9.00, 200.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00785 AT (-9.00, 170.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00778 AT (-9.00, 210.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00738 AT (-11.00, 190.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00729 AT (-11.00, 180.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00720 AT (-11.00, 200.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00716 AT (-9.00, 160.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00694 AT (-9.00, 220.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00843 AT (-9.00, 100.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00828 AT (-9.00, 90.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00827 AT (-9.00, 110.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00785 AT (-9.00, 80.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00778 AT (-9.00, 120.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00738 AT (-11.00, 100.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00729 AT (-11.00, 90.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00720 AT (-11.00, 110.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00716 AT (-9.00, 70.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00694 AT (-9.00, 130.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00843 AT (-9.00, 10.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00828 AT (-9.00, 0.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00827 AT (-9.00, 20.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00785 AT (-9.00, -10.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00778 AT (-9.00, 30.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00738 AT (-11.00, 10.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00729 AT (-11.00, 0.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00720 AT (-11.00, 20.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00716 AT (-9.00, -20.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00694 AT (-9.00, 40.00, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at North/South Bound Direction

16:46:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00843 AT (-9.00, -80.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00828 AT (-9.00, -90.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00827 AT (-9.00, -70.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00785 AT (-9.00, -100.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00778 AT (-9.00, -60.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00738 AT (-11.00, -80.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00729 AT (-11.00, -90.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00720 AT (-11.00, -70.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00716 AT (-9.00, -110.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00694 AT (-9.00, -50.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00843 AT (-9.00, -170.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00828 AT (-9.00, -180.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00827 AT (-9.00, -160.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00785 AT (-9.00, -190.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00778 AT (-9.00, -150.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00738 AT (-11.00, -170.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00729 AT (-11.00, -180.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00720 AT (-11.00, -160.00, 0.00, 1.20)	DC	NA

		04NCRA NAPA00-300_DPM_TRAV_ANN_N-S Bound							
	9TH HIGHEST VALUE IS	0.00716	AT (	-9.00,	-200.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00694	AT (	-9.00,	-140.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01557	AT (	-9.00,	40.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01556	AT (	-9.00,	50.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01554	AT (	-9.00,	60.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01552	AT (	-9.00,	30.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01551	AT (	-9.00,	20.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01550	AT (	-9.00,	10.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01549	AT (	-9.00,	70.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01548	AT (	-9.00,	0.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01545	AT (	-9.00,	-10.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01543	AT (	-9.00,	80.00,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:46:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 7 Informational Message(s)
 A Total of 7 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 16:57:06

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at North/South Bound Direction
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTS FLAT
CO FLAGPOLE 1.2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA -4.5 135.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA -4.5 45.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -4.5 -45.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -4.5 -135.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -4.5 -225.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 0 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 0 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 0 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 0 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 0 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

RE DISCCART	-100.0	-250.0	1.2
RE DISCCART	-90.0	-250.0	1.2
RE DISCCART	-80.0	-250.0	1.2
RE DISCCART	-70.0	-250.0	1.2
RE DISCCART	-60.0	-250.0	1.2
RE DISCCART	-50.0	-250.0	1.2
RE DISCCART	-40.0	-250.0	1.2
RE DISCCART	-30.0	-250.0	1.2
RE DISCCART	-25.0	-250.0	1.2
RE DISCCART	-20.0	-250.0	1.2
RE DISCCART	-17.0	-250.0	1.2
RE DISCCART	-15.0	-250.0	1.2
RE DISCCART	-13.0	-250.0	1.2
RE DISCCART	-11.0	-250.0	1.2
RE DISCCART	-9.0	-250.0	1.2
RE DISCCART	9.0	-250.0	1.2
RE DISCCART	11.0	-250.0	1.2
RE DISCCART	13.0	-250.0	1.2
RE DISCCART	15.0	-250.0	1.2
RE DISCCART	17.0	-250.0	1.2
RE DISCCART	20.0	-250.0	1.2
RE DISCCART	25.0	-250.0	1.2
RE DISCCART	30.0	-250.0	1.2
RE DISCCART	40.0	-250.0	1.2
RE DISCCART	50.0	-250.0	1.2
RE DISCCART	60.0	-250.0	1.2
RE DISCCART	70.0	-250.0	1.2
RE DISCCART	80.0	-250.0	1.2
RE DISCCART	90.0	-250.0	1.2
RE DISCCART	100.0	-250.0	1.2
RE DISCCART	-100.0	-240.0	1.2
RE DISCCART	-90.0	-240.0	1.2
RE DISCCART	-80.0	-240.0	1.2
RE DISCCART	-70.0	-240.0	1.2
RE DISCCART	-60.0	-240.0	1.2
RE DISCCART	-50.0	-240.0	1.2
RE DISCCART	-40.0	-240.0	1.2
RE DISCCART	-30.0	-240.0	1.2
RE DISCCART	-25.0	-240.0	1.2
RE DISCCART	-20.0	-240.0	1.2
RE DISCCART	-17.0	-240.0	1.2
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RE DISCCART 70.0 -240.0 1.2
RE DISCCART 80.0 -240.0 1.2
RE DISCCART 90.0 -240.0 1.2
RE DISCCART 100.0 -240.0 1.2
RE DISCCART -100.0 -230.0 1.2
RE DISCCART -90.0 -230.0 1.2
RE DISCCART -80.0 -230.0 1.2
RE DISCCART -70.0 -230.0 1.2
RE DISCCART -60.0 -230.0 1.2
RE DISCCART -50.0 -230.0 1.2
RE DISCCART -40.0 -230.0 1.2
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RE DISCCART -17.0 -230.0 1.2
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RE DISCCART 50.0 -230.0 1.2
RE DISCCART 60.0 -230.0 1.2
RE DISCCART 70.0 -230.0 1.2

RE DISCCART	80.0	-230.0	1.2
RE DISCCART	90.0	-230.0	1.2
RE DISCCART	100.0	-230.0	1.2
RE DISCCART	-100.0	-220.0	1.2
RE DISCCART	-90.0	-220.0	1.2
RE DISCCART	-80.0	-220.0	1.2
RE DISCCART	-70.0	-220.0	1.2
RE DISCCART	-60.0	-220.0	1.2
RE DISCCART	-50.0	-220.0	1.2
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RE DISCCART	50.0	-220.0	1.2
RE DISCCART	60.0	-220.0	1.2
RE DISCCART	70.0	-220.0	1.2
RE DISCCART	80.0	-220.0	1.2
RE DISCCART	90.0	-220.0	1.2
RE DISCCART	100.0	-220.0	1.2
RE DISCCART	-100.0	-210.0	1.2
RE DISCCART	-90.0	-210.0	1.2
RE DISCCART	-80.0	-210.0	1.2
RE DISCCART	-70.0	-210.0	1.2
RE DISCCART	-60.0	-210.0	1.2
RE DISCCART	-50.0	-210.0	1.2
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RE DISCCART	40.0	-210.0	1.2
RE DISCCART	50.0	-210.0	1.2
RE DISCCART	60.0	-210.0	1.2
RE DISCCART	70.0	-210.0	1.2
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RE DISCCART	-100.0	-200.0	1.2
RE DISCCART	-90.0	-200.0	1.2
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RE DISCCART	-60.0	-200.0	1.2
RE DISCCART	-50.0	-200.0	1.2
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RE DISCCART	-17.0	-200.0	1.2
RE DISCCART	-15.0	-200.0	1.2
RE DISCCART	-13.0	-200.0	1.2
RE DISCCART	-11.0	-200.0	1.2
RE DISCCART	-9.0	-200.0	1.2
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RE DISCCART	11.0	-200.0	1.2
RE DISCCART	13.0	-200.0	1.2
RE DISCCART	15.0	-200.0	1.2
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RE DISCCART	30.0	-200.0	1.2
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RE DISCCART	80.0	-200.0	1.2
RE DISCCART	90.0	-200.0	1.2
RE DISCCART	100.0	-200.0	1.2
RE DISCCART	-100.0	-190.0	1.2
RE DISCCART	-90.0	-190.0	1.2
RE DISCCART	-80.0	-190.0	1.2
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RE DISCCART	100.0	-190.0	1.2
RE DISCCART	-100.0	-180.0	1.2
RE DISCCART	-90.0	-180.0	1.2
RE DISCCART	-80.0	-180.0	1.2
RE DISCCART	-70.0	-180.0	1.2
RE DISCCART	-60.0	-180.0	1.2
RE DISCCART	-50.0	-180.0	1.2
RE DISCCART	-40.0	-180.0	1.2
RE DISCCART	-30.0	-180.0	1.2
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RE DISCCART	-20.0	-180.0	1.2
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RE DISCCART	-13.0	-180.0	1.2
RE DISCCART	-11.0	-180.0	1.2
RE DISCCART	-9.0	-180.0	1.2
RE DISCCART	9.0	-180.0	1.2
RE DISCCART	11.0	-180.0	1.2
RE DISCCART	13.0	-180.0	1.2
RE DISCCART	15.0	-180.0	1.2
RE DISCCART	17.0	-180.0	1.2
RE DISCCART	20.0	-180.0	1.2
RE DISCCART	25.0	-180.0	1.2
RE DISCCART	30.0	-180.0	1.2
RE DISCCART	40.0	-180.0	1.2
RE DISCCART	50.0	-180.0	1.2
RE DISCCART	60.0	-180.0	1.2
RE DISCCART	70.0	-180.0	1.2
RE DISCCART	80.0	-180.0	1.2
RE DISCCART	90.0	-180.0	1.2
RE DISCCART	100.0	-180.0	1.2
RE DISCCART	-100.0	-170.0	1.2
RE DISCCART	-90.0	-170.0	1.2
RE DISCCART	-80.0	-170.0	1.2
RE DISCCART	-70.0	-170.0	1.2
RE DISCCART	-60.0	-170.0	1.2
RE DISCCART	-50.0	-170.0	1.2
RE DISCCART	-40.0	-170.0	1.2
RE DISCCART	-30.0	-170.0	1.2
RE DISCCART	-25.0	-170.0	1.2
RE DISCCART	-20.0	-170.0	1.2
RE DISCCART	-17.0	-170.0	1.2
RE DISCCART	-15.0	-170.0	1.2
RE DISCCART	-13.0	-170.0	1.2
RE DISCCART	-11.0	-170.0	1.2
RE DISCCART	-9.0	-170.0	1.2
RE DISCCART	9.0	-170.0	1.2
RE DISCCART	11.0	-170.0	1.2
RE DISCCART	13.0	-170.0	1.2
RE DISCCART	15.0	-170.0	1.2
RE DISCCART	17.0	-170.0	1.2
RE DISCCART	20.0	-170.0	1.2
RE DISCCART	25.0	-170.0	1.2
RE DISCCART	30.0	-170.0	1.2

RE DISCCART	40.0	-170.0	1.2
RE DISCCART	50.0	-170.0	1.2
RE DISCCART	60.0	-170.0	1.2
RE DISCCART	70.0	-170.0	1.2
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ME ANEMHGHT 10 METERS

ME SURFDATA 4901 2001

ME UAIRDATA 4901 2001

ME STARTEND 2001 01 01 1 2001 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

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** RAWFMT 2

** HILLBOUN 0 0 0 0

 *** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
 m for Missing Hours
 b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\05NCRA-1.DAT

**Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\05NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

EMISSION RATE SOURCE SCALAR VARY BY ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	-4.5	135.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S2	0	0.21100E-07	-4.5	45.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S3	0	0.21100E-07	-4.5	-45.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S4	0	0.21100E-07	-4.5	-135.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S5	0	0.21100E-07	-4.5	-225.0	0.0	4.95	9.00	90.00	0.00	2.30

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

NCRA_S1 NCRA_S1 ,

NCRA_S2 NCRA_S2 ,

NCRA_S3 NCRA_S3 ,

NCRA_S4 NCRA_S4 ,

NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0, -250.0, 0.0, 1.2);	(-90.0, -250.0, 0.0, 1.2);
(-80.0, -250.0, 0.0, 1.2);	(-70.0, -250.0, 0.0, 1.2);
(-60.0, -250.0, 0.0, 1.2);	(-50.0, -250.0, 0.0, 1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(-40.0, -250.0, 0.0, 1.2);	(-30.0, -250.0, 0.0, 1.2);
(-25.0, -250.0, 0.0, 1.2);	(-20.0, -250.0, 0.0, 1.2);
(-17.0, -250.0, 0.0, 1.2);	(-15.0, -250.0, 0.0, 1.2);
(-13.0, -250.0, 0.0, 1.2);	(-11.0, -250.0, 0.0, 1.2);
(-9.0, -250.0, 0.0, 1.2);	(9.0, -250.0, 0.0, 1.2);
(11.0, -250.0, 0.0, 1.2);	(13.0, -250.0, 0.0, 1.2);
(15.0, -250.0, 0.0, 1.2);	(17.0, -250.0, 0.0, 1.2);
(20.0, -250.0, 0.0, 1.2);	(25.0, -250.0, 0.0, 1.2);
(30.0, -250.0, 0.0, 1.2);	(40.0, -250.0, 0.0, 1.2);
(50.0, -250.0, 0.0, 1.2);	(60.0, -250.0, 0.0, 1.2);
(70.0, -250.0, 0.0, 1.2);	(80.0, -250.0, 0.0, 1.2);
(90.0, -250.0, 0.0, 1.2);	(100.0, -250.0, 0.0, 1.2);
(-100.0, -240.0, 0.0, 1.2);	(-90.0, -240.0, 0.0, 1.2);
(-80.0, -240.0, 0.0, 1.2);	(-70.0, -240.0, 0.0, 1.2);
(-60.0, -240.0, 0.0, 1.2);	(-50.0, -240.0, 0.0, 1.2);
(-40.0, -240.0, 0.0, 1.2);	(-30.0, -240.0, 0.0, 1.2);
(-25.0, -240.0, 0.0, 1.2);	(-20.0, -240.0, 0.0, 1.2);
(-17.0, -240.0, 0.0, 1.2);	(-15.0, -240.0, 0.0, 1.2);
(-13.0, -240.0, 0.0, 1.2);	(-11.0, -240.0, 0.0, 1.2);
(-9.0, -240.0, 0.0, 1.2);	(9.0, -240.0, 0.0, 1.2);
(11.0, -240.0, 0.0, 1.2);	(13.0, -240.0, 0.0, 1.2);
(15.0, -240.0, 0.0, 1.2);	(17.0, -240.0, 0.0, 1.2);
(20.0, -240.0, 0.0, 1.2);	(25.0, -240.0, 0.0, 1.2);
(30.0, -240.0, 0.0, 1.2);	(40.0, -240.0, 0.0, 1.2);
(50.0, -240.0, 0.0, 1.2);	(60.0, -240.0, 0.0, 1.2);
(70.0, -240.0, 0.0, 1.2);	(80.0, -240.0, 0.0, 1.2);
(90.0, -240.0, 0.0, 1.2);	(100.0, -240.0, 0.0, 1.2);
(-100.0, -230.0, 0.0, 1.2);	(-90.0, -230.0, 0.0, 1.2);
(-80.0, -230.0, 0.0, 1.2);	(-70.0, -230.0, 0.0, 1.2);
(-60.0, -230.0, 0.0, 1.2);	(-50.0, -230.0, 0.0, 1.2);
(-40.0, -230.0, 0.0, 1.2);	(-30.0, -230.0, 0.0, 1.2);
(-25.0, -230.0, 0.0, 1.2);	(-20.0, -230.0, 0.0, 1.2);
(-17.0, -230.0, 0.0, 1.2);	(-15.0, -230.0, 0.0, 1.2);
(-13.0, -230.0, 0.0, 1.2);	(-11.0, -230.0, 0.0, 1.2);
(-9.0, -230.0, 0.0, 1.2);	(9.0, -230.0, 0.0, 1.2);
(11.0, -230.0, 0.0, 1.2);	(13.0, -230.0, 0.0, 1.2);
(15.0, -230.0, 0.0, 1.2);	(17.0, -230.0, 0.0, 1.2);
(20.0, -230.0, 0.0, 1.2);	(25.0, -230.0, 0.0, 1.2);
(30.0, -230.0, 0.0, 1.2);	(40.0, -230.0, 0.0, 1.2);
(50.0, -230.0, 0.0, 1.2);	(60.0, -230.0, 0.0, 1.2);
(70.0, -230.0, 0.0, 1.2);	(80.0, -230.0, 0.0, 1.2);
(90.0, -230.0, 0.0, 1.2);	(100.0, -230.0, 0.0, 1.2);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -220.0, 0.0, 1.2);	(-90.0, -220.0, 0.0, 1.2);
(-80.0, -220.0, 0.0, 1.2);	(-70.0, -220.0, 0.0, 1.2);
(-60.0, -220.0, 0.0, 1.2);	(-50.0, -220.0, 0.0, 1.2);
(-40.0, -220.0, 0.0, 1.2);	(-30.0, -220.0, 0.0, 1.2);
(-25.0, -220.0, 0.0, 1.2);	(-20.0, -220.0, 0.0, 1.2);
(-17.0, -220.0, 0.0, 1.2);	(-15.0, -220.0, 0.0, 1.2);
(-13.0, -220.0, 0.0, 1.2);	(-11.0, -220.0, 0.0, 1.2);
(-9.0, -220.0, 0.0, 1.2);	(9.0, -220.0, 0.0, 1.2);
(11.0, -220.0, 0.0, 1.2);	(13.0, -220.0, 0.0, 1.2);
(15.0, -220.0, 0.0, 1.2);	(17.0, -220.0, 0.0, 1.2);
(20.0, -220.0, 0.0, 1.2);	(25.0, -220.0, 0.0, 1.2);
(30.0, -220.0, 0.0, 1.2);	(40.0, -220.0, 0.0, 1.2);
(50.0, -220.0, 0.0, 1.2);	(60.0, -220.0, 0.0, 1.2);
(70.0, -220.0, 0.0, 1.2);	(80.0, -220.0, 0.0, 1.2);
(90.0, -220.0, 0.0, 1.2);	(100.0, -220.0, 0.0, 1.2);
(-100.0, -210.0, 0.0, 1.2);	(-90.0, -210.0, 0.0, 1.2);
(-80.0, -210.0, 0.0, 1.2);	(-70.0, -210.0, 0.0, 1.2);
(-60.0, -210.0, 0.0, 1.2);	(-50.0, -210.0, 0.0, 1.2);
(-40.0, -210.0, 0.0, 1.2);	(-30.0, -210.0, 0.0, 1.2);
(-25.0, -210.0, 0.0, 1.2);	(-20.0, -210.0, 0.0, 1.2);
(-17.0, -210.0, 0.0, 1.2);	(-15.0, -210.0, 0.0, 1.2);
(-13.0, -210.0, 0.0, 1.2);	(-11.0, -210.0, 0.0, 1.2);
(-9.0, -210.0, 0.0, 1.2);	(9.0, -210.0, 0.0, 1.2);
(11.0, -210.0, 0.0, 1.2);	(13.0, -210.0, 0.0, 1.2);
(15.0, -210.0, 0.0, 1.2);	(17.0, -210.0, 0.0, 1.2);
(20.0, -210.0, 0.0, 1.2);	(25.0, -210.0, 0.0, 1.2);
(30.0, -210.0, 0.0, 1.2);	(40.0, -210.0, 0.0, 1.2);
(50.0, -210.0, 0.0, 1.2);	(60.0, -210.0, 0.0, 1.2);
(70.0, -210.0, 0.0, 1.2);	(80.0, -210.0, 0.0, 1.2);
(90.0, -210.0, 0.0, 1.2);	(100.0, -210.0, 0.0, 1.2);
(-100.0, -200.0, 0.0, 1.2);	(-90.0, -200.0, 0.0, 1.2);
(-80.0, -200.0, 0.0, 1.2);	(-70.0, -200.0, 0.0, 1.2);
(-60.0, -200.0, 0.0, 1.2);	(-50.0, -200.0, 0.0, 1.2);
(-40.0, -200.0, 0.0, 1.2);	(-30.0, -200.0, 0.0, 1.2);
(-25.0, -200.0, 0.0, 1.2);	(-20.0, -200.0, 0.0, 1.2);
(-17.0, -200.0, 0.0, 1.2);	(-15.0, -200.0, 0.0, 1.2);
(-13.0, -200.0, 0.0, 1.2);	(-11.0, -200.0, 0.0, 1.2);
(-9.0, -200.0, 0.0, 1.2);	(9.0, -200.0, 0.0, 1.2);
(11.0, -200.0, 0.0, 1.2);	(13.0, -200.0, 0.0, 1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(15.0,	-200.0,	0.0,	1.2);	(17.0,	-200.0,	0.0,	1.2);
(20.0,	-200.0,	0.0,	1.2);	(25.0,	-200.0,	0.0,	1.2);
(30.0,	-200.0,	0.0,	1.2);	(40.0,	-200.0,	0.0,	1.2);
(50.0,	-200.0,	0.0,	1.2);	(60.0,	-200.0,	0.0,	1.2);
(70.0,	-200.0,	0.0,	1.2);	(80.0,	-200.0,	0.0,	1.2);
(90.0,	-200.0,	0.0,	1.2);	(100.0,	-200.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	-190.0,	0.0,	1.2);	(-90.0,	-190.0,	0.0,	1.2);
(-80.0,	-190.0,	0.0,	1.2);	(-70.0,	-190.0,	0.0,	1.2);
(-60.0,	-190.0,	0.0,	1.2);	(-50.0,	-190.0,	0.0,	1.2);
(-40.0,	-190.0,	0.0,	1.2);	(-30.0,	-190.0,	0.0,	1.2);
(-25.0,	-190.0,	0.0,	1.2);	(-20.0,	-190.0,	0.0,	1.2);
(-17.0,	-190.0,	0.0,	1.2);	(-15.0,	-190.0,	0.0,	1.2);
(-13.0,	-190.0,	0.0,	1.2);	(-11.0,	-190.0,	0.0,	1.2);
(-9.0,	-190.0,	0.0,	1.2);	(9.0,	-190.0,	0.0,	1.2);
(11.0,	-190.0,	0.0,	1.2);	(13.0,	-190.0,	0.0,	1.2);
(15.0,	-190.0,	0.0,	1.2);	(17.0,	-190.0,	0.0,	1.2);
(20.0,	-190.0,	0.0,	1.2);	(25.0,	-190.0,	0.0,	1.2);
(30.0,	-190.0,	0.0,	1.2);	(40.0,	-190.0,	0.0,	1.2);
(50.0,	-190.0,	0.0,	1.2);	(60.0,	-190.0,	0.0,	1.2);
(70.0,	-190.0,	0.0,	1.2);	(80.0,	-190.0,	0.0,	1.2);
(90.0,	-190.0,	0.0,	1.2);	(100.0,	-190.0,	0.0,	1.2);
(-100.0,	-180.0,	0.0,	1.2);	(-90.0,	-180.0,	0.0,	1.2);
(-80.0,	-180.0,	0.0,	1.2);	(-70.0,	-180.0,	0.0,	1.2);
(-60.0,	-180.0,	0.0,	1.2);	(-50.0,	-180.0,	0.0,	1.2);
(-40.0,	-180.0,	0.0,	1.2);	(-30.0,	-180.0,	0.0,	1.2);
(-25.0,	-180.0,	0.0,	1.2);	(-20.0,	-180.0,	0.0,	1.2);
(-17.0,	-180.0,	0.0,	1.2);	(-15.0,	-180.0,	0.0,	1.2);
(-13.0,	-180.0,	0.0,	1.2);	(-11.0,	-180.0,	0.0,	1.2);
(-9.0,	-180.0,	0.0,	1.2);	(9.0,	-180.0,	0.0,	1.2);
(11.0,	-180.0,	0.0,	1.2);	(13.0,	-180.0,	0.0,	1.2);
(15.0,	-180.0,	0.0,	1.2);	(17.0,	-180.0,	0.0,	1.2);
(20.0,	-180.0,	0.0,	1.2);	(25.0,	-180.0,	0.0,	1.2);
(30.0,	-180.0,	0.0,	1.2);	(40.0,	-180.0,	0.0,	1.2);
(50.0,	-180.0,	0.0,	1.2);	(60.0,	-180.0,	0.0,	1.2);
(70.0,	-180.0,	0.0,	1.2);	(80.0,	-180.0,	0.0,	1.2);
(90.0,	-180.0,	0.0,	1.2);	(100.0,	-180.0,	0.0,	1.2);
(-100.0,	-170.0,	0.0,	1.2);	(-90.0,	-170.0,	0.0,	1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(-80.0,	-170.0,	0.0,	1.2);	(-70.0,	-170.0,	0.0,	1.2);
(-60.0,	-170.0,	0.0,	1.2);	(-50.0,	-170.0,	0.0,	1.2);
(-40.0,	-170.0,	0.0,	1.2);	(-30.0,	-170.0,	0.0,	1.2);
(-25.0,	-170.0,	0.0,	1.2);	(-20.0,	-170.0,	0.0,	1.2);
(-17.0,	-170.0,	0.0,	1.2);	(-15.0,	-170.0,	0.0,	1.2);
(-13.0,	-170.0,	0.0,	1.2);	(-11.0,	-170.0,	0.0,	1.2);
(-9.0,	-170.0,	0.0,	1.2);	(9.0,	-170.0,	0.0,	1.2);
(11.0,	-170.0,	0.0,	1.2);	(13.0,	-170.0,	0.0,	1.2);
(15.0,	-170.0,	0.0,	1.2);	(17.0,	-170.0,	0.0,	1.2);
(20.0,	-170.0,	0.0,	1.2);	(25.0,	-170.0,	0.0,	1.2);
(30.0,	-170.0,	0.0,	1.2);	(40.0,	-170.0,	0.0,	1.2);
(50.0,	-170.0,	0.0,	1.2);	(60.0,	-170.0,	0.0,	1.2);
(70.0,	-170.0,	0.0,	1.2);	(80.0,	-170.0,	0.0,	1.2);
(90.0,	-170.0,	0.0,	1.2);	(100.0,	-170.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	-160.0,	0.0,	1.2);	(-90.0,	-160.0,	0.0,	1.2);
(-80.0,	-160.0,	0.0,	1.2);	(-70.0,	-160.0,	0.0,	1.2);
(-60.0,	-160.0,	0.0,	1.2);	(-50.0,	-160.0,	0.0,	1.2);
(-40.0,	-160.0,	0.0,	1.2);	(-30.0,	-160.0,	0.0,	1.2);
(-25.0,	-160.0,	0.0,	1.2);	(-20.0,	-160.0,	0.0,	1.2);
(-17.0,	-160.0,	0.0,	1.2);	(-15.0,	-160.0,	0.0,	1.2);
(-13.0,	-160.0,	0.0,	1.2);	(-11.0,	-160.0,	0.0,	1.2);
(-9.0,	-160.0,	0.0,	1.2);	(9.0,	-160.0,	0.0,	1.2);
(11.0,	-160.0,	0.0,	1.2);	(13.0,	-160.0,	0.0,	1.2);
(15.0,	-160.0,	0.0,	1.2);	(17.0,	-160.0,	0.0,	1.2);
(20.0,	-160.0,	0.0,	1.2);	(25.0,	-160.0,	0.0,	1.2);
(30.0,	-160.0,	0.0,	1.2);	(40.0,	-160.0,	0.0,	1.2);
(50.0,	-160.0,	0.0,	1.2);	(60.0,	-160.0,	0.0,	1.2);
(70.0,	-160.0,	0.0,	1.2);	(80.0,	-160.0,	0.0,	1.2);
(90.0,	-160.0,	0.0,	1.2);	(100.0,	-160.0,	0.0,	1.2);
(-100.0,	-150.0,	0.0,	1.2);	(-90.0,	-150.0,	0.0,	1.2);
(-80.0,	-150.0,	0.0,	1.2);	(-70.0,	-150.0,	0.0,	1.2);
(-60.0,	-150.0,	0.0,	1.2);	(-50.0,	-150.0,	0.0,	1.2);
(-40.0,	-150.0,	0.0,	1.2);	(-30.0,	-150.0,	0.0,	1.2);
(-25.0,	-150.0,	0.0,	1.2);	(-20.0,	-150.0,	0.0,	1.2);
(-17.0,	-150.0,	0.0,	1.2);	(-15.0,	-150.0,	0.0,	1.2);
(-13.0,	-150.0,	0.0,	1.2);	(-11.0,	-150.0,	0.0,	1.2);
(-9.0,	-150.0,	0.0,	1.2);	(9.0,	-150.0,	0.0,	1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(11.0, -150.0, 0.0, 1.2);	(13.0, -150.0, 0.0, 1.2);
(15.0, -150.0, 0.0, 1.2);	(17.0, -150.0, 0.0, 1.2);
(20.0, -150.0, 0.0, 1.2);	(25.0, -150.0, 0.0, 1.2);
(30.0, -150.0, 0.0, 1.2);	(40.0, -150.0, 0.0, 1.2);
(50.0, -150.0, 0.0, 1.2);	(60.0, -150.0, 0.0, 1.2);
(70.0, -150.0, 0.0, 1.2);	(80.0, -150.0, 0.0, 1.2);
(90.0, -150.0, 0.0, 1.2);	(100.0, -150.0, 0.0, 1.2);
(-100.0, -140.0, 0.0, 1.2);	(-90.0, -140.0, 0.0, 1.2);
(-80.0, -140.0, 0.0, 1.2);	(-70.0, -140.0, 0.0, 1.2);
(-60.0, -140.0, 0.0, 1.2);	(-50.0, -140.0, 0.0, 1.2);
(-40.0, -140.0, 0.0, 1.2);	(-30.0, -140.0, 0.0, 1.2);
(-25.0, -140.0, 0.0, 1.2);	(-20.0, -140.0, 0.0, 1.2);
(-17.0, -140.0, 0.0, 1.2);	(-15.0, -140.0, 0.0, 1.2);
(-13.0, -140.0, 0.0, 1.2);	(-11.0, -140.0, 0.0, 1.2);
(-9.0, -140.0, 0.0, 1.2);	(9.0, -140.0, 0.0, 1.2);
(11.0, -140.0, 0.0, 1.2);	(13.0, -140.0, 0.0, 1.2);
(15.0, -140.0, 0.0, 1.2);	(17.0, -140.0, 0.0, 1.2);
(20.0, -140.0, 0.0, 1.2);	(25.0, -140.0, 0.0, 1.2);
(30.0, -140.0, 0.0, 1.2);	(40.0, -140.0, 0.0, 1.2);
(50.0, -140.0, 0.0, 1.2);	(60.0, -140.0, 0.0, 1.2);
(70.0, -140.0, 0.0, 1.2);	(80.0, -140.0, 0.0, 1.2);
(90.0, -140.0, 0.0, 1.2);	(100.0, -140.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:
PAGE 8

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -130.0, 0.0, 1.2);	(-90.0, -130.0, 0.0, 1.2);
(-80.0, -130.0, 0.0, 1.2);	(-70.0, -130.0, 0.0, 1.2);
(-60.0, -130.0, 0.0, 1.2);	(-50.0, -130.0, 0.0, 1.2);
(-40.0, -130.0, 0.0, 1.2);	(-30.0, -130.0, 0.0, 1.2);
(-25.0, -130.0, 0.0, 1.2);	(-20.0, -130.0, 0.0, 1.2);
(-17.0, -130.0, 0.0, 1.2);	(-15.0, -130.0, 0.0, 1.2);
(-13.0, -130.0, 0.0, 1.2);	(-11.0, -130.0, 0.0, 1.2);
(-9.0, -130.0, 0.0, 1.2);	(9.0, -130.0, 0.0, 1.2);
(11.0, -130.0, 0.0, 1.2);	(13.0, -130.0, 0.0, 1.2);
(15.0, -130.0, 0.0, 1.2);	(17.0, -130.0, 0.0, 1.2);
(20.0, -130.0, 0.0, 1.2);	(25.0, -130.0, 0.0, 1.2);
(30.0, -130.0, 0.0, 1.2);	(40.0, -130.0, 0.0, 1.2);
(50.0, -130.0, 0.0, 1.2);	(60.0, -130.0, 0.0, 1.2);
(70.0, -130.0, 0.0, 1.2);	(80.0, -130.0, 0.0, 1.2);
(90.0, -130.0, 0.0, 1.2);	(100.0, -130.0, 0.0, 1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(-100.0, -120.0, 0.0, 1.2);	(-90.0, -120.0, 0.0, 1.2);
(-80.0, -120.0, 0.0, 1.2);	(-70.0, -120.0, 0.0, 1.2);
(-60.0, -120.0, 0.0, 1.2);	(-50.0, -120.0, 0.0, 1.2);
(-40.0, -120.0, 0.0, 1.2);	(-30.0, -120.0, 0.0, 1.2);
(-25.0, -120.0, 0.0, 1.2);	(-20.0, -120.0, 0.0, 1.2);
(-17.0, -120.0, 0.0, 1.2);	(-15.0, -120.0, 0.0, 1.2);
(-13.0, -120.0, 0.0, 1.2);	(-11.0, -120.0, 0.0, 1.2);
(-9.0, -120.0, 0.0, 1.2);	(9.0, -120.0, 0.0, 1.2);
(11.0, -120.0, 0.0, 1.2);	(13.0, -120.0, 0.0, 1.2);
(15.0, -120.0, 0.0, 1.2);	(17.0, -120.0, 0.0, 1.2);
(20.0, -120.0, 0.0, 1.2);	(25.0, -120.0, 0.0, 1.2);
(30.0, -120.0, 0.0, 1.2);	(40.0, -120.0, 0.0, 1.2);
(50.0, -120.0, 0.0, 1.2);	(60.0, -120.0, 0.0, 1.2);
(70.0, -120.0, 0.0, 1.2);	(80.0, -120.0, 0.0, 1.2);
(90.0, -120.0, 0.0, 1.2);	(100.0, -120.0, 0.0, 1.2);
(-100.0, -110.0, 0.0, 1.2);	(-90.0, -110.0, 0.0, 1.2);
(-80.0, -110.0, 0.0, 1.2);	(-70.0, -110.0, 0.0, 1.2);
(-60.0, -110.0, 0.0, 1.2);	(-50.0, -110.0, 0.0, 1.2);
(-40.0, -110.0, 0.0, 1.2);	(-30.0, -110.0, 0.0, 1.2);
(-25.0, -110.0, 0.0, 1.2);	(-20.0, -110.0, 0.0, 1.2);
(-17.0, -110.0, 0.0, 1.2);	(-15.0, -110.0, 0.0, 1.2);
(-13.0, -110.0, 0.0, 1.2);	(-11.0, -110.0, 0.0, 1.2);
(-9.0, -110.0, 0.0, 1.2);	(9.0, -110.0, 0.0, 1.2);
(11.0, -110.0, 0.0, 1.2);	(13.0, -110.0, 0.0, 1.2);
(15.0, -110.0, 0.0, 1.2);	(17.0, -110.0, 0.0, 1.2);
(20.0, -110.0, 0.0, 1.2);	(25.0, -110.0, 0.0, 1.2);
(30.0, -110.0, 0.0, 1.2);	(40.0, -110.0, 0.0, 1.2);
(50.0, -110.0, 0.0, 1.2);	(60.0, -110.0, 0.0, 1.2);
(70.0, -110.0, 0.0, 1.2);	(80.0, -110.0, 0.0, 1.2);
(90.0, -110.0, 0.0, 1.2);	(100.0, -110.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0, -100.0, 0.0, 1.2);	(-90.0, -100.0, 0.0, 1.2);
(-80.0, -100.0, 0.0, 1.2);	(-70.0, -100.0, 0.0, 1.2);
(-60.0, -100.0, 0.0, 1.2);	(-50.0, -100.0, 0.0, 1.2);
(-40.0, -100.0, 0.0, 1.2);	(-30.0, -100.0, 0.0, 1.2);
(-25.0, -100.0, 0.0, 1.2);	(-20.0, -100.0, 0.0, 1.2);
(-17.0, -100.0, 0.0, 1.2);	(-15.0, -100.0, 0.0, 1.2);
(-13.0, -100.0, 0.0, 1.2);	(-11.0, -100.0, 0.0, 1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(-9.0, -100.0, 0.0, 1.2);	(-9.0, -100.0, 0.0, 1.2);
(11.0, -100.0, 0.0, 1.2);	(13.0, -100.0, 0.0, 1.2);
(15.0, -100.0, 0.0, 1.2);	(17.0, -100.0, 0.0, 1.2);
(20.0, -100.0, 0.0, 1.2);	(25.0, -100.0, 0.0, 1.2);
(30.0, -100.0, 0.0, 1.2);	(40.0, -100.0, 0.0, 1.2);
(50.0, -100.0, 0.0, 1.2);	(60.0, -100.0, 0.0, 1.2);
(70.0, -100.0, 0.0, 1.2);	(80.0, -100.0, 0.0, 1.2);
(90.0, -100.0, 0.0, 1.2);	(100.0, -100.0, 0.0, 1.2);
(-100.0, -90.0, 0.0, 1.2);	(-90.0, -90.0, 0.0, 1.2);
(-80.0, -90.0, 0.0, 1.2);	(-70.0, -90.0, 0.0, 1.2);
(-60.0, -90.0, 0.0, 1.2);	(-50.0, -90.0, 0.0, 1.2);
(-40.0, -90.0, 0.0, 1.2);	(-30.0, -90.0, 0.0, 1.2);
(-25.0, -90.0, 0.0, 1.2);	(-20.0, -90.0, 0.0, 1.2);
(-17.0, -90.0, 0.0, 1.2);	(-15.0, -90.0, 0.0, 1.2);
(-13.0, -90.0, 0.0, 1.2);	(-11.0, -90.0, 0.0, 1.2);
(-9.0, -90.0, 0.0, 1.2);	(9.0, -90.0, 0.0, 1.2);
(11.0, -90.0, 0.0, 1.2);	(13.0, -90.0, 0.0, 1.2);
(15.0, -90.0, 0.0, 1.2);	(17.0, -90.0, 0.0, 1.2);
(20.0, -90.0, 0.0, 1.2);	(25.0, -90.0, 0.0, 1.2);
(30.0, -90.0, 0.0, 1.2);	(40.0, -90.0, 0.0, 1.2);
(50.0, -90.0, 0.0, 1.2);	(60.0, -90.0, 0.0, 1.2);
(70.0, -90.0, 0.0, 1.2);	(80.0, -90.0, 0.0, 1.2);
(90.0, -90.0, 0.0, 1.2);	(100.0, -90.0, 0.0, 1.2);
(-100.0, -80.0, 0.0, 1.2);	(-90.0, -80.0, 0.0, 1.2);
(-80.0, -80.0, 0.0, 1.2);	(-70.0, -80.0, 0.0, 1.2);
(-60.0, -80.0, 0.0, 1.2);	(-50.0, -80.0, 0.0, 1.2);
(-40.0, -80.0, 0.0, 1.2);	(-30.0, -80.0, 0.0, 1.2);
(-25.0, -80.0, 0.0, 1.2);	(-20.0, -80.0, 0.0, 1.2);
(-17.0, -80.0, 0.0, 1.2);	(-15.0, -80.0, 0.0, 1.2);
(-13.0, -80.0, 0.0, 1.2);	(-11.0, -80.0, 0.0, 1.2);
(-9.0, -80.0, 0.0, 1.2);	(9.0, -80.0, 0.0, 1.2);
(11.0, -80.0, 0.0, 1.2);	(13.0, -80.0, 0.0, 1.2);
(15.0, -80.0, 0.0, 1.2);	(17.0, -80.0, 0.0, 1.2);
(20.0, -80.0, 0.0, 1.2);	(25.0, -80.0, 0.0, 1.2);
(30.0, -80.0, 0.0, 1.2);	(40.0, -80.0, 0.0, 1.2);
(50.0, -80.0, 0.0, 1.2);	(60.0, -80.0, 0.0, 1.2);
(70.0, -80.0, 0.0, 1.2);	(80.0, -80.0, 0.0, 1.2);
(90.0, -80.0, 0.0, 1.2);	(100.0, -80.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound
(METERS)

(-100.0, -70.0, 0.0, 1.2);	(-90.0, -70.0, 0.0, 1.2);
(-80.0, -70.0, 0.0, 1.2);	(-70.0, -70.0, 0.0, 1.2);
(-60.0, -70.0, 0.0, 1.2);	(-50.0, -70.0, 0.0, 1.2);
(-40.0, -70.0, 0.0, 1.2);	(-30.0, -70.0, 0.0, 1.2);
(-25.0, -70.0, 0.0, 1.2);	(-20.0, -70.0, 0.0, 1.2);
(-17.0, -70.0, 0.0, 1.2);	(-15.0, -70.0, 0.0, 1.2);
(-13.0, -70.0, 0.0, 1.2);	(-11.0, -70.0, 0.0, 1.2);
(-9.0, -70.0, 0.0, 1.2);	(9.0, -70.0, 0.0, 1.2);
(11.0, -70.0, 0.0, 1.2);	(13.0, -70.0, 0.0, 1.2);
(15.0, -70.0, 0.0, 1.2);	(17.0, -70.0, 0.0, 1.2);
(20.0, -70.0, 0.0, 1.2);	(25.0, -70.0, 0.0, 1.2);
(30.0, -70.0, 0.0, 1.2);	(40.0, -70.0, 0.0, 1.2);
(50.0, -70.0, 0.0, 1.2);	(60.0, -70.0, 0.0, 1.2);
(70.0, -70.0, 0.0, 1.2);	(80.0, -70.0, 0.0, 1.2);
(90.0, -70.0, 0.0, 1.2);	(100.0, -70.0, 0.0, 1.2);
(-100.0, -60.0, 0.0, 1.2);	(-90.0, -60.0, 0.0, 1.2);
(-80.0, -60.0, 0.0, 1.2);	(-70.0, -60.0, 0.0, 1.2);
(-60.0, -60.0, 0.0, 1.2);	(-50.0, -60.0, 0.0, 1.2);
(-40.0, -60.0, 0.0, 1.2);	(-30.0, -60.0, 0.0, 1.2);
(-25.0, -60.0, 0.0, 1.2);	(-20.0, -60.0, 0.0, 1.2);
(-17.0, -60.0, 0.0, 1.2);	(-15.0, -60.0, 0.0, 1.2);
(-13.0, -60.0, 0.0, 1.2);	(-11.0, -60.0, 0.0, 1.2);
(-9.0, -60.0, 0.0, 1.2);	(9.0, -60.0, 0.0, 1.2);
(11.0, -60.0, 0.0, 1.2);	(13.0, -60.0, 0.0, 1.2);
(15.0, -60.0, 0.0, 1.2);	(17.0, -60.0, 0.0, 1.2);
(20.0, -60.0, 0.0, 1.2);	(25.0, -60.0, 0.0, 1.2);
(30.0, -60.0, 0.0, 1.2);	(40.0, -60.0, 0.0, 1.2);
(50.0, -60.0, 0.0, 1.2);	(60.0, -60.0, 0.0, 1.2);
(70.0, -60.0, 0.0, 1.2);	(80.0, -60.0, 0.0, 1.2);
(90.0, -60.0, 0.0, 1.2);	(100.0, -60.0, 0.0, 1.2);
(-100.0, -50.0, 0.0, 1.2);	(-90.0, -50.0, 0.0, 1.2);
(-80.0, -50.0, 0.0, 1.2);	(-70.0, -50.0, 0.0, 1.2);
(-60.0, -50.0, 0.0, 1.2);	(-50.0, -50.0, 0.0, 1.2);
(-40.0, -50.0, 0.0, 1.2);	(-30.0, -50.0, 0.0, 1.2);
(-25.0, -50.0, 0.0, 1.2);	(-20.0, -50.0, 0.0, 1.2);
(-17.0, -50.0, 0.0, 1.2);	(-15.0, -50.0, 0.0, 1.2);
(-13.0, -50.0, 0.0, 1.2);	(-11.0, -50.0, 0.0, 1.2);
(-9.0, -50.0, 0.0, 1.2);	(9.0, -50.0, 0.0, 1.2);
(11.0, -50.0, 0.0, 1.2);	(13.0, -50.0, 0.0, 1.2);
(15.0, -50.0, 0.0, 1.2);	(17.0, -50.0, 0.0, 1.2);
(20.0, -50.0, 0.0, 1.2);	(25.0, -50.0, 0.0, 1.2);
(30.0, -50.0, 0.0, 1.2);	(40.0, -50.0, 0.0, 1.2);
(50.0, -50.0, 0.0, 1.2);	(60.0, -50.0, 0.0, 1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(70.0, -50.0, 0.0, 1.2); (80.0, -50.0, 0.0, 1.2);
(90.0, -50.0, 0.0, 1.2); (100.0, -50.0, 0.0, 1.2);

1 *** ICSST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -40.0, 0.0, 1.2); (-90.0, -40.0, 0.0, 1.2);
(-80.0, -40.0, 0.0, 1.2); (-70.0, -40.0, 0.0, 1.2);
(-60.0, -40.0, 0.0, 1.2); (-50.0, -40.0, 0.0, 1.2);
(-40.0, -40.0, 0.0, 1.2); (-30.0, -40.0, 0.0, 1.2);
(-25.0, -40.0, 0.0, 1.2); (-20.0, -40.0, 0.0, 1.2);
(-17.0, -40.0, 0.0, 1.2); (-15.0, -40.0, 0.0, 1.2);
(-13.0, -40.0, 0.0, 1.2); (-11.0, -40.0, 0.0, 1.2);
(-9.0, -40.0, 0.0, 1.2); (9.0, -40.0, 0.0, 1.2);
(11.0, -40.0, 0.0, 1.2); (13.0, -40.0, 0.0, 1.2);
(15.0, -40.0, 0.0, 1.2); (17.0, -40.0, 0.0, 1.2);
(20.0, -40.0, 0.0, 1.2); (25.0, -40.0, 0.0, 1.2);
(30.0, -40.0, 0.0, 1.2); (40.0, -40.0, 0.0, 1.2);
(50.0, -40.0, 0.0, 1.2); (60.0, -40.0, 0.0, 1.2);
(70.0, -40.0, 0.0, 1.2); (80.0, -40.0, 0.0, 1.2);
(90.0, -40.0, 0.0, 1.2); (100.0, -40.0, 0.0, 1.2);
(-100.0, -30.0, 0.0, 1.2); (-90.0, -30.0, 0.0, 1.2);
(-80.0, -30.0, 0.0, 1.2); (-70.0, -30.0, 0.0, 1.2);
(-60.0, -30.0, 0.0, 1.2); (-50.0, -30.0, 0.0, 1.2);
(-40.0, -30.0, 0.0, 1.2); (-30.0, -30.0, 0.0, 1.2);
(-25.0, -30.0, 0.0, 1.2); (-20.0, -30.0, 0.0, 1.2);
(-17.0, -30.0, 0.0, 1.2); (-15.0, -30.0, 0.0, 1.2);
(-13.0, -30.0, 0.0, 1.2); (-11.0, -30.0, 0.0, 1.2);
(-9.0, -30.0, 0.0, 1.2); (9.0, -30.0, 0.0, 1.2);
(11.0, -30.0, 0.0, 1.2); (13.0, -30.0, 0.0, 1.2);
(15.0, -30.0, 0.0, 1.2); (17.0, -30.0, 0.0, 1.2);
(20.0, -30.0, 0.0, 1.2); (25.0, -30.0, 0.0, 1.2);
(30.0, -30.0, 0.0, 1.2); (40.0, -30.0, 0.0, 1.2);
(50.0, -30.0, 0.0, 1.2); (60.0, -30.0, 0.0, 1.2);
(70.0, -30.0, 0.0, 1.2); (80.0, -30.0, 0.0, 1.2);
(90.0, -30.0, 0.0, 1.2); (100.0, -30.0, 0.0, 1.2);
(-100.0, -20.0, 0.0, 1.2); (-90.0, -20.0, 0.0, 1.2);
(-80.0, -20.0, 0.0, 1.2); (-70.0, -20.0, 0.0, 1.2);
(-60.0, -20.0, 0.0, 1.2); (-50.0, -20.0, 0.0, 1.2);
(-40.0, -20.0, 0.0, 1.2); (-30.0, -20.0, 0.0, 1.2);
(-25.0, -20.0, 0.0, 1.2); (-20.0, -20.0, 0.0, 1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

```
( -17.0, -20.0, 0.0, 1.2); ( -15.0, -20.0, 0.0, 1.2);
( -13.0, -20.0, 0.0, 1.2); ( -11.0, -20.0, 0.0, 1.2);
( -9.0, -20.0, 0.0, 1.2); ( 9.0, -20.0, 0.0, 1.2);
( 11.0, -20.0, 0.0, 1.2); ( 13.0, -20.0, 0.0, 1.2);
( 15.0, -20.0, 0.0, 1.2); ( 17.0, -20.0, 0.0, 1.2);
( 20.0, -20.0, 0.0, 1.2); ( 25.0, -20.0, 0.0, 1.2);
( 30.0, -20.0, 0.0, 1.2); ( 40.0, -20.0, 0.0, 1.2);
( 50.0, -20.0, 0.0, 1.2); ( 60.0, -20.0, 0.0, 1.2);
( 70.0, -20.0, 0.0, 1.2); ( 80.0, -20.0, 0.0, 1.2);
( 90.0, -20.0, 0.0, 1.2); ( 100.0, -20.0, 0.0, 1.2);
```

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 12

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

```
( -100.0, -10.0, 0.0, 1.2); ( -90.0, -10.0, 0.0, 1.2);
( -80.0, -10.0, 0.0, 1.2); ( -70.0, -10.0, 0.0, 1.2);
( -60.0, -10.0, 0.0, 1.2); ( -50.0, -10.0, 0.0, 1.2);
( -40.0, -10.0, 0.0, 1.2); ( -30.0, -10.0, 0.0, 1.2);
( -25.0, -10.0, 0.0, 1.2); ( -20.0, -10.0, 0.0, 1.2);
( -17.0, -10.0, 0.0, 1.2); ( -15.0, -10.0, 0.0, 1.2);
( -13.0, -10.0, 0.0, 1.2); ( -11.0, -10.0, 0.0, 1.2);
( -9.0, -10.0, 0.0, 1.2); ( 9.0, -10.0, 0.0, 1.2);
( 11.0, -10.0, 0.0, 1.2); ( 13.0, -10.0, 0.0, 1.2);
( 15.0, -10.0, 0.0, 1.2); ( 17.0, -10.0, 0.0, 1.2);
( 20.0, -10.0, 0.0, 1.2); ( 25.0, -10.0, 0.0, 1.2);
( 30.0, -10.0, 0.0, 1.2); ( 40.0, -10.0, 0.0, 1.2);
( 50.0, -10.0, 0.0, 1.2); ( 60.0, -10.0, 0.0, 1.2);
( 70.0, -10.0, 0.0, 1.2); ( 80.0, -10.0, 0.0, 1.2);
( 90.0, -10.0, 0.0, 1.2); ( 100.0, -10.0, 0.0, 1.2);
( -100.0, 0.0, 0.0, 1.2); ( -90.0, 0.0, 0.0, 1.2);
( -80.0, 0.0, 0.0, 1.2); ( -70.0, 0.0, 0.0, 1.2);
( -60.0, 0.0, 0.0, 1.2); ( -50.0, 0.0, 0.0, 1.2);
( -40.0, 0.0, 0.0, 1.2); ( -30.0, 0.0, 0.0, 1.2);
( -25.0, 0.0, 0.0, 1.2); ( -20.0, 0.0, 0.0, 1.2);
( -17.0, 0.0, 0.0, 1.2); ( -15.0, 0.0, 0.0, 1.2);
( -13.0, 0.0, 0.0, 1.2); ( -11.0, 0.0, 0.0, 1.2);
( -9.0, 0.0, 0.0, 1.2); ( 9.0, 0.0, 0.0, 1.2);
( 11.0, 0.0, 0.0, 1.2); ( 13.0, 0.0, 0.0, 1.2);
( 15.0, 0.0, 0.0, 1.2); ( 17.0, 0.0, 0.0, 1.2);
( 20.0, 0.0, 0.0, 1.2); ( 25.0, 0.0, 0.0, 1.2);
( 30.0, 0.0, 0.0, 1.2); ( 40.0, 0.0, 0.0, 1.2);
```

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(50.0,	0.0,	0.0,	1.2);	(60.0,	0.0,	0.0,	1.2);
(70.0,	0.0,	0.0,	1.2);	(80.0,	0.0,	0.0,	1.2);
(90.0,	0.0,	0.0,	1.2);	(100.0,	0.0,	0.0,	1.2);
(-100.0,	10.0,	0.0,	1.2);	(-90.0,	10.0,	0.0,	1.2);
(-80.0,	10.0,	0.0,	1.2);	(-70.0,	10.0,	0.0,	1.2);
(-60.0,	10.0,	0.0,	1.2);	(-50.0,	10.0,	0.0,	1.2);
(-40.0,	10.0,	0.0,	1.2);	(-30.0,	10.0,	0.0,	1.2);
(-25.0,	10.0,	0.0,	1.2);	(-20.0,	10.0,	0.0,	1.2);
(-17.0,	10.0,	0.0,	1.2);	(-15.0,	10.0,	0.0,	1.2);
(-13.0,	10.0,	0.0,	1.2);	(-11.0,	10.0,	0.0,	1.2);
(-9.0,	10.0,	0.0,	1.2);	(9.0,	10.0,	0.0,	1.2);
(11.0,	10.0,	0.0,	1.2);	(13.0,	10.0,	0.0,	1.2);
(15.0,	10.0,	0.0,	1.2);	(17.0,	10.0,	0.0,	1.2);
(20.0,	10.0,	0.0,	1.2);	(25.0,	10.0,	0.0,	1.2);
(30.0,	10.0,	0.0,	1.2);	(40.0,	10.0,	0.0,	1.2);
(50.0,	10.0,	0.0,	1.2);	(60.0,	10.0,	0.0,	1.2);
(70.0,	10.0,	0.0,	1.2);	(80.0,	10.0,	0.0,	1.2);
(90.0,	10.0,	0.0,	1.2);	(100.0,	10.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

16:57:07

*** Maximum train overlap at North/South Bound Direction

**MODELOPTs:
PAGE 13

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	20.0,	0.0,	1.2);	(-90.0,	20.0,	0.0,	1.2);
(-80.0,	20.0,	0.0,	1.2);	(-70.0,	20.0,	0.0,	1.2);
(-60.0,	20.0,	0.0,	1.2);	(-50.0,	20.0,	0.0,	1.2);
(-40.0,	20.0,	0.0,	1.2);	(-30.0,	20.0,	0.0,	1.2);
(-25.0,	20.0,	0.0,	1.2);	(-20.0,	20.0,	0.0,	1.2);
(-17.0,	20.0,	0.0,	1.2);	(-15.0,	20.0,	0.0,	1.2);
(-13.0,	20.0,	0.0,	1.2);	(-11.0,	20.0,	0.0,	1.2);
(-9.0,	20.0,	0.0,	1.2);	(9.0,	20.0,	0.0,	1.2);
(11.0,	20.0,	0.0,	1.2);	(13.0,	20.0,	0.0,	1.2);
(15.0,	20.0,	0.0,	1.2);	(17.0,	20.0,	0.0,	1.2);
(20.0,	20.0,	0.0,	1.2);	(25.0,	20.0,	0.0,	1.2);
(30.0,	20.0,	0.0,	1.2);	(40.0,	20.0,	0.0,	1.2);
(50.0,	20.0,	0.0,	1.2);	(60.0,	20.0,	0.0,	1.2);
(70.0,	20.0,	0.0,	1.2);	(80.0,	20.0,	0.0,	1.2);
(90.0,	20.0,	0.0,	1.2);	(100.0,	20.0,	0.0,	1.2);
(-100.0,	30.0,	0.0,	1.2);	(-90.0,	30.0,	0.0,	1.2);
(-80.0,	30.0,	0.0,	1.2);	(-70.0,	30.0,	0.0,	1.2);
(-60.0,	30.0,	0.0,	1.2);	(-50.0,	30.0,	0.0,	1.2);
(-40.0,	30.0,	0.0,	1.2);	(-30.0,	30.0,	0.0,	1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(-25.0,	30.0,	0.0,	1.2);	(-20.0,	30.0,	0.0,	1.2);
(-17.0,	30.0,	0.0,	1.2);	(-15.0,	30.0,	0.0,	1.2);
(-13.0,	30.0,	0.0,	1.2);	(-11.0,	30.0,	0.0,	1.2);
(-9.0,	30.0,	0.0,	1.2);	(9.0,	30.0,	0.0,	1.2);
(11.0,	30.0,	0.0,	1.2);	(13.0,	30.0,	0.0,	1.2);
(15.0,	30.0,	0.0,	1.2);	(17.0,	30.0,	0.0,	1.2);
(20.0,	30.0,	0.0,	1.2);	(25.0,	30.0,	0.0,	1.2);
(30.0,	30.0,	0.0,	1.2);	(40.0,	30.0,	0.0,	1.2);
(50.0,	30.0,	0.0,	1.2);	(60.0,	30.0,	0.0,	1.2);
(70.0,	30.0,	0.0,	1.2);	(80.0,	30.0,	0.0,	1.2);
(90.0,	30.0,	0.0,	1.2);	(100.0,	30.0,	0.0,	1.2);
(-100.0,	40.0,	0.0,	1.2);	(-90.0,	40.0,	0.0,	1.2);
(-80.0,	40.0,	0.0,	1.2);	(-70.0,	40.0,	0.0,	1.2);
(-60.0,	40.0,	0.0,	1.2);	(-50.0,	40.0,	0.0,	1.2);
(-40.0,	40.0,	0.0,	1.2);	(-30.0,	40.0,	0.0,	1.2);
(-25.0,	40.0,	0.0,	1.2);	(-20.0,	40.0,	0.0,	1.2);
(-17.0,	40.0,	0.0,	1.2);	(-15.0,	40.0,	0.0,	1.2);
(-13.0,	40.0,	0.0,	1.2);	(-11.0,	40.0,	0.0,	1.2);
(-9.0,	40.0,	0.0,	1.2);	(9.0,	40.0,	0.0,	1.2);
(11.0,	40.0,	0.0,	1.2);	(13.0,	40.0,	0.0,	1.2);
(15.0,	40.0,	0.0,	1.2);	(17.0,	40.0,	0.0,	1.2);
(20.0,	40.0,	0.0,	1.2);	(25.0,	40.0,	0.0,	1.2);
(30.0,	40.0,	0.0,	1.2);	(40.0,	40.0,	0.0,	1.2);
(50.0,	40.0,	0.0,	1.2);	(60.0,	40.0,	0.0,	1.2);
(70.0,	40.0,	0.0,	1.2);	(80.0,	40.0,	0.0,	1.2);
(90.0,	40.0,	0.0,	1.2);	(100.0,	40.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

PAGE 14

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	50.0,	0.0,	1.2);	(-90.0,	50.0,	0.0,	1.2);
(-80.0,	50.0,	0.0,	1.2);	(-70.0,	50.0,	0.0,	1.2);
(-60.0,	50.0,	0.0,	1.2);	(-50.0,	50.0,	0.0,	1.2);
(-40.0,	50.0,	0.0,	1.2);	(-30.0,	50.0,	0.0,	1.2);
(-25.0,	50.0,	0.0,	1.2);	(-20.0,	50.0,	0.0,	1.2);
(-17.0,	50.0,	0.0,	1.2);	(-15.0,	50.0,	0.0,	1.2);
(-13.0,	50.0,	0.0,	1.2);	(-11.0,	50.0,	0.0,	1.2);
(-9.0,	50.0,	0.0,	1.2);	(9.0,	50.0,	0.0,	1.2);
(11.0,	50.0,	0.0,	1.2);	(13.0,	50.0,	0.0,	1.2);
(15.0,	50.0,	0.0,	1.2);	(17.0,	50.0,	0.0,	1.2);
(20.0,	50.0,	0.0,	1.2);	(25.0,	50.0,	0.0,	1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(30.0, 50.0, 0.0, 1.2); (40.0, 50.0, 0.0, 1.2);
(50.0, 50.0, 0.0, 1.2); (60.0, 50.0, 0.0, 1.2);
(70.0, 50.0, 0.0, 1.2); (80.0, 50.0, 0.0, 1.2);
(90.0, 50.0, 0.0, 1.2); (100.0, 50.0, 0.0, 1.2);
(-100.0, 60.0, 0.0, 1.2); (-90.0, 60.0, 0.0, 1.2);
(-80.0, 60.0, 0.0, 1.2); (-70.0, 60.0, 0.0, 1.2);
(-60.0, 60.0, 0.0, 1.2); (-50.0, 60.0, 0.0, 1.2);
(-40.0, 60.0, 0.0, 1.2); (-30.0, 60.0, 0.0, 1.2);
(-25.0, 60.0, 0.0, 1.2); (-20.0, 60.0, 0.0, 1.2);
(-17.0, 60.0, 0.0, 1.2); (-15.0, 60.0, 0.0, 1.2);
(-13.0, 60.0, 0.0, 1.2); (-11.0, 60.0, 0.0, 1.2);
(-9.0, 60.0, 0.0, 1.2); (9.0, 60.0, 0.0, 1.2);
(11.0, 60.0, 0.0, 1.2); (13.0, 60.0, 0.0, 1.2);
(15.0, 60.0, 0.0, 1.2); (17.0, 60.0, 0.0, 1.2);
(20.0, 60.0, 0.0, 1.2); (25.0, 60.0, 0.0, 1.2);
(30.0, 60.0, 0.0, 1.2); (40.0, 60.0, 0.0, 1.2);
(50.0, 60.0, 0.0, 1.2); (60.0, 60.0, 0.0, 1.2);
(70.0, 60.0, 0.0, 1.2); (80.0, 60.0, 0.0, 1.2);
(90.0, 60.0, 0.0, 1.2); (100.0, 60.0, 0.0, 1.2);
(-100.0, 70.0, 0.0, 1.2); (-90.0, 70.0, 0.0, 1.2);
(-80.0, 70.0, 0.0, 1.2); (-70.0, 70.0, 0.0, 1.2);
(-60.0, 70.0, 0.0, 1.2); (-50.0, 70.0, 0.0, 1.2);
(-40.0, 70.0, 0.0, 1.2); (-30.0, 70.0, 0.0, 1.2);
(-25.0, 70.0, 0.0, 1.2); (-20.0, 70.0, 0.0, 1.2);
(-17.0, 70.0, 0.0, 1.2); (-15.0, 70.0, 0.0, 1.2);
(-13.0, 70.0, 0.0, 1.2); (-11.0, 70.0, 0.0, 1.2);
(-9.0, 70.0, 0.0, 1.2); (9.0, 70.0, 0.0, 1.2);
(11.0, 70.0, 0.0, 1.2); (13.0, 70.0, 0.0, 1.2);
(15.0, 70.0, 0.0, 1.2); (17.0, 70.0, 0.0, 1.2);
(20.0, 70.0, 0.0, 1.2); (25.0, 70.0, 0.0, 1.2);
(30.0, 70.0, 0.0, 1.2); (40.0, 70.0, 0.0, 1.2);
(50.0, 70.0, 0.0, 1.2); (60.0, 70.0, 0.0, 1.2);
(70.0, 70.0, 0.0, 1.2); (80.0, 70.0, 0.0, 1.2);
(90.0, 70.0, 0.0, 1.2); (100.0, 70.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTS:
PAGE 15

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, 80.0, 0.0, 1.2); (-90.0, 80.0, 0.0, 1.2);
(-80.0, 80.0, 0.0, 1.2); (-70.0, 80.0, 0.0, 1.2);
(-60.0, 80.0, 0.0, 1.2); (-50.0, 80.0, 0.0, 1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(-40.0,	80.0,	0.0,	1.2);	(-30.0,	80.0,	0.0,	1.2);
(-25.0,	80.0,	0.0,	1.2);	(-20.0,	80.0,	0.0,	1.2);
(-17.0,	80.0,	0.0,	1.2);	(-15.0,	80.0,	0.0,	1.2);
(-13.0,	80.0,	0.0,	1.2);	(-11.0,	80.0,	0.0,	1.2);
(-9.0,	80.0,	0.0,	1.2);	(9.0,	80.0,	0.0,	1.2);
(11.0,	80.0,	0.0,	1.2);	(13.0,	80.0,	0.0,	1.2);
(15.0,	80.0,	0.0,	1.2);	(17.0,	80.0,	0.0,	1.2);
(20.0,	80.0,	0.0,	1.2);	(25.0,	80.0,	0.0,	1.2);
(30.0,	80.0,	0.0,	1.2);	(40.0,	80.0,	0.0,	1.2);
(50.0,	80.0,	0.0,	1.2);	(60.0,	80.0,	0.0,	1.2);
(70.0,	80.0,	0.0,	1.2);	(80.0,	80.0,	0.0,	1.2);
(90.0,	80.0,	0.0,	1.2);	(100.0,	80.0,	0.0,	1.2);
(-100.0,	90.0,	0.0,	1.2);	(-90.0,	90.0,	0.0,	1.2);
(-80.0,	90.0,	0.0,	1.2);	(-70.0,	90.0,	0.0,	1.2);
(-60.0,	90.0,	0.0,	1.2);	(-50.0,	90.0,	0.0,	1.2);
(-40.0,	90.0,	0.0,	1.2);	(-30.0,	90.0,	0.0,	1.2);
(-25.0,	90.0,	0.0,	1.2);	(-20.0,	90.0,	0.0,	1.2);
(-17.0,	90.0,	0.0,	1.2);	(-15.0,	90.0,	0.0,	1.2);
(-13.0,	90.0,	0.0,	1.2);	(-11.0,	90.0,	0.0,	1.2);
(-9.0,	90.0,	0.0,	1.2);	(9.0,	90.0,	0.0,	1.2);
(11.0,	90.0,	0.0,	1.2);	(13.0,	90.0,	0.0,	1.2);
(15.0,	90.0,	0.0,	1.2);	(17.0,	90.0,	0.0,	1.2);
(20.0,	90.0,	0.0,	1.2);	(25.0,	90.0,	0.0,	1.2);
(30.0,	90.0,	0.0,	1.2);	(40.0,	90.0,	0.0,	1.2);
(50.0,	90.0,	0.0,	1.2);	(60.0,	90.0,	0.0,	1.2);
(70.0,	90.0,	0.0,	1.2);	(80.0,	90.0,	0.0,	1.2);
(90.0,	90.0,	0.0,	1.2);	(100.0,	90.0,	0.0,	1.2);
(-100.0,	100.0,	0.0,	1.2);	(-90.0,	100.0,	0.0,	1.2);
(-80.0,	100.0,	0.0,	1.2);	(-70.0,	100.0,	0.0,	1.2);
(-60.0,	100.0,	0.0,	1.2);	(-50.0,	100.0,	0.0,	1.2);
(-40.0,	100.0,	0.0,	1.2);	(-30.0,	100.0,	0.0,	1.2);
(-25.0,	100.0,	0.0,	1.2);	(-20.0,	100.0,	0.0,	1.2);
(-17.0,	100.0,	0.0,	1.2);	(-15.0,	100.0,	0.0,	1.2);
(-13.0,	100.0,	0.0,	1.2);	(-11.0,	100.0,	0.0,	1.2);
(-9.0,	100.0,	0.0,	1.2);	(9.0,	100.0,	0.0,	1.2);
(11.0,	100.0,	0.0,	1.2);	(13.0,	100.0,	0.0,	1.2);
(15.0,	100.0,	0.0,	1.2);	(17.0,	100.0,	0.0,	1.2);
(20.0,	100.0,	0.0,	1.2);	(25.0,	100.0,	0.0,	1.2);
(30.0,	100.0,	0.0,	1.2);	(40.0,	100.0,	0.0,	1.2);
(50.0,	100.0,	0.0,	1.2);	(60.0,	100.0,	0.0,	1.2);
(70.0,	100.0,	0.0,	1.2);	(80.0,	100.0,	0.0,	1.2);
(90.0,	100.0,	0.0,	1.2);	(100.0,	100.0,	0.0,	1.2);

**MODELOPTs:
PAGE 16
CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, 110.0, 0.0, 1.2);	(-90.0, 110.0, 0.0, 1.2);
(-80.0, 110.0, 0.0, 1.2);	(-70.0, 110.0, 0.0, 1.2);
(-60.0, 110.0, 0.0, 1.2);	(-50.0, 110.0, 0.0, 1.2);
(-40.0, 110.0, 0.0, 1.2);	(-30.0, 110.0, 0.0, 1.2);
(-25.0, 110.0, 0.0, 1.2);	(-20.0, 110.0, 0.0, 1.2);
(-17.0, 110.0, 0.0, 1.2);	(-15.0, 110.0, 0.0, 1.2);
(-13.0, 110.0, 0.0, 1.2);	(-11.0, 110.0, 0.0, 1.2);
(-9.0, 110.0, 0.0, 1.2);	(9.0, 110.0, 0.0, 1.2);
(11.0, 110.0, 0.0, 1.2);	(13.0, 110.0, 0.0, 1.2);
(15.0, 110.0, 0.0, 1.2);	(17.0, 110.0, 0.0, 1.2);
(20.0, 110.0, 0.0, 1.2);	(25.0, 110.0, 0.0, 1.2);
(30.0, 110.0, 0.0, 1.2);	(40.0, 110.0, 0.0, 1.2);
(50.0, 110.0, 0.0, 1.2);	(60.0, 110.0, 0.0, 1.2);
(70.0, 110.0, 0.0, 1.2);	(80.0, 110.0, 0.0, 1.2);
(90.0, 110.0, 0.0, 1.2);	(100.0, 110.0, 0.0, 1.2);
(-100.0, 120.0, 0.0, 1.2);	(-90.0, 120.0, 0.0, 1.2);
(-80.0, 120.0, 0.0, 1.2);	(-70.0, 120.0, 0.0, 1.2);
(-60.0, 120.0, 0.0, 1.2);	(-50.0, 120.0, 0.0, 1.2);
(-40.0, 120.0, 0.0, 1.2);	(-30.0, 120.0, 0.0, 1.2);
(-25.0, 120.0, 0.0, 1.2);	(-20.0, 120.0, 0.0, 1.2);
(-17.0, 120.0, 0.0, 1.2);	(-15.0, 120.0, 0.0, 1.2);
(-13.0, 120.0, 0.0, 1.2);	(-11.0, 120.0, 0.0, 1.2);
(-9.0, 120.0, 0.0, 1.2);	(9.0, 120.0, 0.0, 1.2);
(11.0, 120.0, 0.0, 1.2);	(13.0, 120.0, 0.0, 1.2);
(15.0, 120.0, 0.0, 1.2);	(17.0, 120.0, 0.0, 1.2);
(20.0, 120.0, 0.0, 1.2);	(25.0, 120.0, 0.0, 1.2);
(30.0, 120.0, 0.0, 1.2);	(40.0, 120.0, 0.0, 1.2);
(50.0, 120.0, 0.0, 1.2);	(60.0, 120.0, 0.0, 1.2);
(70.0, 120.0, 0.0, 1.2);	(80.0, 120.0, 0.0, 1.2);
(90.0, 120.0, 0.0, 1.2);	(100.0, 120.0, 0.0, 1.2);
(-100.0, 130.0, 0.0, 1.2);	(-90.0, 130.0, 0.0, 1.2);
(-80.0, 130.0, 0.0, 1.2);	(-70.0, 130.0, 0.0, 1.2);
(-60.0, 130.0, 0.0, 1.2);	(-50.0, 130.0, 0.0, 1.2);
(-40.0, 130.0, 0.0, 1.2);	(-30.0, 130.0, 0.0, 1.2);
(-25.0, 130.0, 0.0, 1.2);	(-20.0, 130.0, 0.0, 1.2);
(-17.0, 130.0, 0.0, 1.2);	(-15.0, 130.0, 0.0, 1.2);
(-13.0, 130.0, 0.0, 1.2);	(-11.0, 130.0, 0.0, 1.2);
(-9.0, 130.0, 0.0, 1.2);	(9.0, 130.0, 0.0, 1.2);
(11.0, 130.0, 0.0, 1.2);	(13.0, 130.0, 0.0, 1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(15.0,	130.0,	0.0,	1.2);	(17.0,	130.0,	0.0,	1.2);
(20.0,	130.0,	0.0,	1.2);	(25.0,	130.0,	0.0,	1.2);
(30.0,	130.0,	0.0,	1.2);	(40.0,	130.0,	0.0,	1.2);
(50.0,	130.0,	0.0,	1.2);	(60.0,	130.0,	0.0,	1.2);
(70.0,	130.0,	0.0,	1.2);	(80.0,	130.0,	0.0,	1.2);
(90.0,	130.0,	0.0,	1.2);	(100.0,	130.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	140.0,	0.0,	1.2);	(-90.0,	140.0,	0.0,	1.2);
(-80.0,	140.0,	0.0,	1.2);	(-70.0,	140.0,	0.0,	1.2);
(-60.0,	140.0,	0.0,	1.2);	(-50.0,	140.0,	0.0,	1.2);
(-40.0,	140.0,	0.0,	1.2);	(-30.0,	140.0,	0.0,	1.2);
(-25.0,	140.0,	0.0,	1.2);	(-20.0,	140.0,	0.0,	1.2);
(-17.0,	140.0,	0.0,	1.2);	(-15.0,	140.0,	0.0,	1.2);
(-13.0,	140.0,	0.0,	1.2);	(-11.0,	140.0,	0.0,	1.2);
(-9.0,	140.0,	0.0,	1.2);	(9.0,	140.0,	0.0,	1.2);
(11.0,	140.0,	0.0,	1.2);	(13.0,	140.0,	0.0,	1.2);
(15.0,	140.0,	0.0,	1.2);	(17.0,	140.0,	0.0,	1.2);
(20.0,	140.0,	0.0,	1.2);	(25.0,	140.0,	0.0,	1.2);
(30.0,	140.0,	0.0,	1.2);	(40.0,	140.0,	0.0,	1.2);
(50.0,	140.0,	0.0,	1.2);	(60.0,	140.0,	0.0,	1.2);
(70.0,	140.0,	0.0,	1.2);	(80.0,	140.0,	0.0,	1.2);
(90.0,	140.0,	0.0,	1.2);	(100.0,	140.0,	0.0,	1.2);
(-100.0,	150.0,	0.0,	1.2);	(-90.0,	150.0,	0.0,	1.2);
(-80.0,	150.0,	0.0,	1.2);	(-70.0,	150.0,	0.0,	1.2);
(-60.0,	150.0,	0.0,	1.2);	(-50.0,	150.0,	0.0,	1.2);
(-40.0,	150.0,	0.0,	1.2);	(-30.0,	150.0,	0.0,	1.2);
(-25.0,	150.0,	0.0,	1.2);	(-20.0,	150.0,	0.0,	1.2);
(-17.0,	150.0,	0.0,	1.2);	(-15.0,	150.0,	0.0,	1.2);
(-13.0,	150.0,	0.0,	1.2);	(-11.0,	150.0,	0.0,	1.2);
(-9.0,	150.0,	0.0,	1.2);	(9.0,	150.0,	0.0,	1.2);
(11.0,	150.0,	0.0,	1.2);	(13.0,	150.0,	0.0,	1.2);
(15.0,	150.0,	0.0,	1.2);	(17.0,	150.0,	0.0,	1.2);
(20.0,	150.0,	0.0,	1.2);	(25.0,	150.0,	0.0,	1.2);
(30.0,	150.0,	0.0,	1.2);	(40.0,	150.0,	0.0,	1.2);
(50.0,	150.0,	0.0,	1.2);	(60.0,	150.0,	0.0,	1.2);
(70.0,	150.0,	0.0,	1.2);	(80.0,	150.0,	0.0,	1.2);
(90.0,	150.0,	0.0,	1.2);	(100.0,	150.0,	0.0,	1.2);
(-100.0,	160.0,	0.0,	1.2);	(-90.0,	160.0,	0.0,	1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(-80.0,	160.0,	0.0,	1.2);	(-70.0,	160.0,	0.0,	1.2);
(-60.0,	160.0,	0.0,	1.2);	(-50.0,	160.0,	0.0,	1.2);
(-40.0,	160.0,	0.0,	1.2);	(-30.0,	160.0,	0.0,	1.2);
(-25.0,	160.0,	0.0,	1.2);	(-20.0,	160.0,	0.0,	1.2);
(-17.0,	160.0,	0.0,	1.2);	(-15.0,	160.0,	0.0,	1.2);
(-13.0,	160.0,	0.0,	1.2);	(-11.0,	160.0,	0.0,	1.2);
(-9.0,	160.0,	0.0,	1.2);	(9.0,	160.0,	0.0,	1.2);
(11.0,	160.0,	0.0,	1.2);	(13.0,	160.0,	0.0,	1.2);
(15.0,	160.0,	0.0,	1.2);	(17.0,	160.0,	0.0,	1.2);
(20.0,	160.0,	0.0,	1.2);	(25.0,	160.0,	0.0,	1.2);
(30.0,	160.0,	0.0,	1.2);	(40.0,	160.0,	0.0,	1.2);
(50.0,	160.0,	0.0,	1.2);	(60.0,	160.0,	0.0,	1.2);
(70.0,	160.0,	0.0,	1.2);	(80.0,	160.0,	0.0,	1.2);
(90.0,	160.0,	0.0,	1.2);	(100.0,	160.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	170.0,	0.0,	1.2);	(-90.0,	170.0,	0.0,	1.2);
(-80.0,	170.0,	0.0,	1.2);	(-70.0,	170.0,	0.0,	1.2);
(-60.0,	170.0,	0.0,	1.2);	(-50.0,	170.0,	0.0,	1.2);
(-40.0,	170.0,	0.0,	1.2);	(-30.0,	170.0,	0.0,	1.2);
(-25.0,	170.0,	0.0,	1.2);	(-20.0,	170.0,	0.0,	1.2);
(-17.0,	170.0,	0.0,	1.2);	(-15.0,	170.0,	0.0,	1.2);
(-13.0,	170.0,	0.0,	1.2);	(-11.0,	170.0,	0.0,	1.2);
(-9.0,	170.0,	0.0,	1.2);	(9.0,	170.0,	0.0,	1.2);
(11.0,	170.0,	0.0,	1.2);	(13.0,	170.0,	0.0,	1.2);
(15.0,	170.0,	0.0,	1.2);	(17.0,	170.0,	0.0,	1.2);
(20.0,	170.0,	0.0,	1.2);	(25.0,	170.0,	0.0,	1.2);
(30.0,	170.0,	0.0,	1.2);	(40.0,	170.0,	0.0,	1.2);
(50.0,	170.0,	0.0,	1.2);	(60.0,	170.0,	0.0,	1.2);
(70.0,	170.0,	0.0,	1.2);	(80.0,	170.0,	0.0,	1.2);
(90.0,	170.0,	0.0,	1.2);	(100.0,	170.0,	0.0,	1.2);
(-100.0,	180.0,	0.0,	1.2);	(-90.0,	180.0,	0.0,	1.2);
(-80.0,	180.0,	0.0,	1.2);	(-70.0,	180.0,	0.0,	1.2);
(-60.0,	180.0,	0.0,	1.2);	(-50.0,	180.0,	0.0,	1.2);
(-40.0,	180.0,	0.0,	1.2);	(-30.0,	180.0,	0.0,	1.2);
(-25.0,	180.0,	0.0,	1.2);	(-20.0,	180.0,	0.0,	1.2);
(-17.0,	180.0,	0.0,	1.2);	(-15.0,	180.0,	0.0,	1.2);
(-13.0,	180.0,	0.0,	1.2);	(-11.0,	180.0,	0.0,	1.2);
(-9.0,	180.0,	0.0,	1.2);	(9.0,	180.0,	0.0,	1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(11.0,	180.0,	0.0,	1.2);	(13.0,	180.0,	0.0,	1.2);
(15.0,	180.0,	0.0,	1.2);	(17.0,	180.0,	0.0,	1.2);
(20.0,	180.0,	0.0,	1.2);	(25.0,	180.0,	0.0,	1.2);
(30.0,	180.0,	0.0,	1.2);	(40.0,	180.0,	0.0,	1.2);
(50.0,	180.0,	0.0,	1.2);	(60.0,	180.0,	0.0,	1.2);
(70.0,	180.0,	0.0,	1.2);	(80.0,	180.0,	0.0,	1.2);
(90.0,	180.0,	0.0,	1.2);	(100.0,	180.0,	0.0,	1.2);
(-100.0,	190.0,	0.0,	1.2);	(-90.0,	190.0,	0.0,	1.2);
(-80.0,	190.0,	0.0,	1.2);	(-70.0,	190.0,	0.0,	1.2);
(-60.0,	190.0,	0.0,	1.2);	(-50.0,	190.0,	0.0,	1.2);
(-40.0,	190.0,	0.0,	1.2);	(-30.0,	190.0,	0.0,	1.2);
(-25.0,	190.0,	0.0,	1.2);	(-20.0,	190.0,	0.0,	1.2);
(-17.0,	190.0,	0.0,	1.2);	(-15.0,	190.0,	0.0,	1.2);
(-13.0,	190.0,	0.0,	1.2);	(-11.0,	190.0,	0.0,	1.2);
(-9.0,	190.0,	0.0,	1.2);	(9.0,	190.0,	0.0,	1.2);
(11.0,	190.0,	0.0,	1.2);	(13.0,	190.0,	0.0,	1.2);
(15.0,	190.0,	0.0,	1.2);	(17.0,	190.0,	0.0,	1.2);
(20.0,	190.0,	0.0,	1.2);	(25.0,	190.0,	0.0,	1.2);
(30.0,	190.0,	0.0,	1.2);	(40.0,	190.0,	0.0,	1.2);
(50.0,	190.0,	0.0,	1.2);	(60.0,	190.0,	0.0,	1.2);
(70.0,	190.0,	0.0,	1.2);	(80.0,	190.0,	0.0,	1.2);
(90.0,	190.0,	0.0,	1.2);	(100.0,	190.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:
PAGE 19

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	200.0,	0.0,	1.2);	(-90.0,	200.0,	0.0,	1.2);
(-80.0,	200.0,	0.0,	1.2);	(-70.0,	200.0,	0.0,	1.2);
(-60.0,	200.0,	0.0,	1.2);	(-50.0,	200.0,	0.0,	1.2);
(-40.0,	200.0,	0.0,	1.2);	(-30.0,	200.0,	0.0,	1.2);
(-25.0,	200.0,	0.0,	1.2);	(-20.0,	200.0,	0.0,	1.2);
(-17.0,	200.0,	0.0,	1.2);	(-15.0,	200.0,	0.0,	1.2);
(-13.0,	200.0,	0.0,	1.2);	(-11.0,	200.0,	0.0,	1.2);
(-9.0,	200.0,	0.0,	1.2);	(9.0,	200.0,	0.0,	1.2);
(11.0,	200.0,	0.0,	1.2);	(13.0,	200.0,	0.0,	1.2);
(15.0,	200.0,	0.0,	1.2);	(17.0,	200.0,	0.0,	1.2);
(20.0,	200.0,	0.0,	1.2);	(25.0,	200.0,	0.0,	1.2);
(30.0,	200.0,	0.0,	1.2);	(40.0,	200.0,	0.0,	1.2);
(50.0,	200.0,	0.0,	1.2);	(60.0,	200.0,	0.0,	1.2);
(70.0,	200.0,	0.0,	1.2);	(80.0,	200.0,	0.0,	1.2);
(90.0,	200.0,	0.0,	1.2);	(100.0,	200.0,	0.0,	1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(-100.0,	210.0,	0.0,	1.2);	(-90.0,	210.0,	0.0,	1.2);
(-80.0,	210.0,	0.0,	1.2);	(-70.0,	210.0,	0.0,	1.2);
(-60.0,	210.0,	0.0,	1.2);	(-50.0,	210.0,	0.0,	1.2);
(-40.0,	210.0,	0.0,	1.2);	(-30.0,	210.0,	0.0,	1.2);
(-25.0,	210.0,	0.0,	1.2);	(-20.0,	210.0,	0.0,	1.2);
(-17.0,	210.0,	0.0,	1.2);	(-15.0,	210.0,	0.0,	1.2);
(-13.0,	210.0,	0.0,	1.2);	(-11.0,	210.0,	0.0,	1.2);
(-9.0,	210.0,	0.0,	1.2);	(9.0,	210.0,	0.0,	1.2);
(11.0,	210.0,	0.0,	1.2);	(13.0,	210.0,	0.0,	1.2);
(15.0,	210.0,	0.0,	1.2);	(17.0,	210.0,	0.0,	1.2);
(20.0,	210.0,	0.0,	1.2);	(25.0,	210.0,	0.0,	1.2);
(30.0,	210.0,	0.0,	1.2);	(40.0,	210.0,	0.0,	1.2);
(50.0,	210.0,	0.0,	1.2);	(60.0,	210.0,	0.0,	1.2);
(70.0,	210.0,	0.0,	1.2);	(80.0,	210.0,	0.0,	1.2);
(90.0,	210.0,	0.0,	1.2);	(100.0,	210.0,	0.0,	1.2);
(-100.0,	220.0,	0.0,	1.2);	(-90.0,	220.0,	0.0,	1.2);
(-80.0,	220.0,	0.0,	1.2);	(-70.0,	220.0,	0.0,	1.2);
(-60.0,	220.0,	0.0,	1.2);	(-50.0,	220.0,	0.0,	1.2);
(-40.0,	220.0,	0.0,	1.2);	(-30.0,	220.0,	0.0,	1.2);
(-25.0,	220.0,	0.0,	1.2);	(-20.0,	220.0,	0.0,	1.2);
(-17.0,	220.0,	0.0,	1.2);	(-15.0,	220.0,	0.0,	1.2);
(-13.0,	220.0,	0.0,	1.2);	(-11.0,	220.0,	0.0,	1.2);
(-9.0,	220.0,	0.0,	1.2);	(9.0,	220.0,	0.0,	1.2);
(11.0,	220.0,	0.0,	1.2);	(13.0,	220.0,	0.0,	1.2);
(15.0,	220.0,	0.0,	1.2);	(17.0,	220.0,	0.0,	1.2);
(20.0,	220.0,	0.0,	1.2);	(25.0,	220.0,	0.0,	1.2);
(30.0,	220.0,	0.0,	1.2);	(40.0,	220.0,	0.0,	1.2);
(50.0,	220.0,	0.0,	1.2);	(60.0,	220.0,	0.0,	1.2);
(70.0,	220.0,	0.0,	1.2);	(80.0,	220.0,	0.0,	1.2);
(90.0,	220.0,	0.0,	1.2);	(100.0,	220.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 20

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	230.0,	0.0,	1.2);	(-90.0,	230.0,	0.0,	1.2);
(-80.0,	230.0,	0.0,	1.2);	(-70.0,	230.0,	0.0,	1.2);
(-60.0,	230.0,	0.0,	1.2);	(-50.0,	230.0,	0.0,	1.2);
(-40.0,	230.0,	0.0,	1.2);	(-30.0,	230.0,	0.0,	1.2);
(-25.0,	230.0,	0.0,	1.2);	(-20.0,	230.0,	0.0,	1.2);
(-17.0,	230.0,	0.0,	1.2);	(-15.0,	230.0,	0.0,	1.2);
(-13.0,	230.0,	0.0,	1.2);	(-11.0,	230.0,	0.0,	1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(-9.0,	230.0,	0.0,	1.2);	(-9.0,	230.0,	0.0,	1.2);
(11.0,	230.0,	0.0,	1.2);	(13.0,	230.0,	0.0,	1.2);
(15.0,	230.0,	0.0,	1.2);	(17.0,	230.0,	0.0,	1.2);
(20.0,	230.0,	0.0,	1.2);	(25.0,	230.0,	0.0,	1.2);
(30.0,	230.0,	0.0,	1.2);	(40.0,	230.0,	0.0,	1.2);
(50.0,	230.0,	0.0,	1.2);	(60.0,	230.0,	0.0,	1.2);
(70.0,	230.0,	0.0,	1.2);	(80.0,	230.0,	0.0,	1.2);
(90.0,	230.0,	0.0,	1.2);	(100.0,	230.0,	0.0,	1.2);
(-100.0,	240.0,	0.0,	1.2);	(-90.0,	240.0,	0.0,	1.2);
(-80.0,	240.0,	0.0,	1.2);	(-70.0,	240.0,	0.0,	1.2);
(-60.0,	240.0,	0.0,	1.2);	(-50.0,	240.0,	0.0,	1.2);
(-40.0,	240.0,	0.0,	1.2);	(-30.0,	240.0,	0.0,	1.2);
(-25.0,	240.0,	0.0,	1.2);	(-20.0,	240.0,	0.0,	1.2);
(-17.0,	240.0,	0.0,	1.2);	(-15.0,	240.0,	0.0,	1.2);
(-13.0,	240.0,	0.0,	1.2);	(-11.0,	240.0,	0.0,	1.2);
(-9.0,	240.0,	0.0,	1.2);	(9.0,	240.0,	0.0,	1.2);
(11.0,	240.0,	0.0,	1.2);	(13.0,	240.0,	0.0,	1.2);
(15.0,	240.0,	0.0,	1.2);	(17.0,	240.0,	0.0,	1.2);
(20.0,	240.0,	0.0,	1.2);	(25.0,	240.0,	0.0,	1.2);
(30.0,	240.0,	0.0,	1.2);	(40.0,	240.0,	0.0,	1.2);
(50.0,	240.0,	0.0,	1.2);	(60.0,	240.0,	0.0,	1.2);
(70.0,	240.0,	0.0,	1.2);	(80.0,	240.0,	0.0,	1.2);
(90.0,	240.0,	0.0,	1.2);	(100.0,	240.0,	0.0,	1.2);
(-100.0,	250.0,	0.0,	1.2);	(-90.0,	250.0,	0.0,	1.2);
(-80.0,	250.0,	0.0,	1.2);	(-70.0,	250.0,	0.0,	1.2);
(-60.0,	250.0,	0.0,	1.2);	(-50.0,	250.0,	0.0,	1.2);
(-40.0,	250.0,	0.0,	1.2);	(-30.0,	250.0,	0.0,	1.2);
(-25.0,	250.0,	0.0,	1.2);	(-20.0,	250.0,	0.0,	1.2);
(-17.0,	250.0,	0.0,	1.2);	(-15.0,	250.0,	0.0,	1.2);
(-13.0,	250.0,	0.0,	1.2);	(-11.0,	250.0,	0.0,	1.2);
(-9.0,	250.0,	0.0,	1.2);	(9.0,	250.0,	0.0,	1.2);
(11.0,	250.0,	0.0,	1.2);	(13.0,	250.0,	0.0,	1.2);
(15.0,	250.0,	0.0,	1.2);	(17.0,	250.0,	0.0,	1.2);
(20.0,	250.0,	0.0,	1.2);	(25.0,	250.0,	0.0,	1.2);
(30.0,	250.0,	0.0,	1.2);	(40.0,	250.0,	0.0,	1.2);
(50.0,	250.0,	0.0,	1.2);	(60.0,	250.0,	0.0,	1.2);
(70.0,	250.0,	0.0,	1.2);	(80.0,	250.0,	0.0,	1.2);
(90.0,	250.0,	0.0,	1.2);	(100.0,	250.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
 (1=YES; 0=NO)

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 2001 1 1 1
AND END DATE: 2001 12 31 24

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY					6
	1	2	3	4	5	
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					6
	1	2	3	4	5	
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

1 *** ISCAST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: C:\NCRA\Modeling\Met Data\Napa\NAP013RA.ASC

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)

SURFACE STATION NO.: 4901
NAME: UNKNOWN

UPPER AIR STATION NO.: 4901
NAME: UNKNOWN

YEAR: 2001

YEAR: 2001

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
01	01	01	01	206.0	1.12	276.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	02	207.9	1.00	276.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	03	224.0	1.00	275.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	04	222.0	1.39	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	05	196.3	1.21	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	06	199.2	1.00	275.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	07	233.1	1.00	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	08	172.6	1.25	274.7	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	09	185.7	1.16	275.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	10	163.4	1.00	278.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	11	356.7	1.00	282.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	12	31.6	1.21	286.2	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	13	25.2	1.21	289.0	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	14	317.4	2.06	290.9	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	15	278.4	2.15	291.0	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	16	58.6	2.19	290.0	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	17	44.9	1.61	287.6	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	18	335.9	1.07	284.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	19	278.7	1.07	282.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	20	266.8	1.00	280.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	21	229.7	1.12	278.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	22	224.0	1.12	277.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	23	204.9	1.21	276.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	24	220.0	1.16	276.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00011	-90.00	-250.00	0.00011
-80.00	-250.00	0.00011	-70.00	-250.00	0.00011
-60.00	-250.00	0.00011	-50.00	-250.00	0.00010
-40.00	-250.00	0.00010	-30.00	-250.00	0.00010
-25.00	-250.00	0.00010	-20.00	-250.00	0.00010
-17.00	-250.00	0.00010	-15.00	-250.00	0.00009
-13.00	-250.00	0.00009	-11.00	-250.00	0.00009
-9.00	-250.00	0.00009	9.00	-250.00	0.00009
11.00	-250.00	0.00009	13.00	-250.00	0.00009
15.00	-250.00	0.00009	17.00	-250.00	0.00008
20.00	-250.00	0.00008	25.00	-250.00	0.00008
30.00	-250.00	0.00008	40.00	-250.00	0.00008
50.00	-250.00	0.00007	60.00	-250.00	0.00007
70.00	-250.00	0.00007	80.00	-250.00	0.00006
90.00	-250.00	0.00006	100.00	-250.00	0.00006
-100.00	-240.00	0.00012	-90.00	-240.00	0.00011
-80.00	-240.00	0.00011	-70.00	-240.00	0.00011

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-60.00	-240.00	0.00011	-50.00	-240.00	0.00011
-40.00	-240.00	0.00011	-30.00	-240.00	0.00010
-25.00	-240.00	0.00010	-20.00	-240.00	0.00010
-17.00	-240.00	0.00010	-15.00	-240.00	0.00010
-13.00	-240.00	0.00010	-11.00	-240.00	0.00010
-9.00	-240.00	0.00010	9.00	-240.00	0.00009
11.00	-240.00	0.00009	13.00	-240.00	0.00009
15.00	-240.00	0.00009	17.00	-240.00	0.00009
20.00	-240.00	0.00009	25.00	-240.00	0.00009
30.00	-240.00	0.00008	40.00	-240.00	0.00008
50.00	-240.00	0.00008	60.00	-240.00	0.00007
70.00	-240.00	0.00007	80.00	-240.00	0.00007
90.00	-240.00	0.00006	100.00	-240.00	0.00006
-100.00	-230.00	0.00012	-90.00	-230.00	0.00012
-80.00	-230.00	0.00012	-70.00	-230.00	0.00012
-60.00	-230.00	0.00012	-50.00	-230.00	0.00011
-40.00	-230.00	0.00011	-30.00	-230.00	0.00011
-25.00	-230.00	0.00011	-20.00	-230.00	0.00011
-17.00	-230.00	0.00010	-15.00	-230.00	0.00010
-13.00	-230.00	0.00010	-11.00	-230.00	0.00010
-9.00	-230.00	0.00010	9.00	-230.00	0.00009
11.00	-230.00	0.00009	13.00	-230.00	0.00009
15.00	-230.00	0.00009	17.00	-230.00	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00009	25.00	-230.00	0.00009
30.00	-230.00	0.00009	40.00	-230.00	0.00008
50.00	-230.00	0.00008	60.00	-230.00	0.00008
70.00	-230.00	0.00007	80.00	-230.00	0.00007
90.00	-230.00	0.00006	100.00	-230.00	0.00006
-100.00	-220.00	0.00013	-90.00	-220.00	0.00013
-80.00	-220.00	0.00012	-70.00	-220.00	0.00012
-60.00	-220.00	0.00012	-50.00	-220.00	0.00012
-40.00	-220.00	0.00012	-30.00	-220.00	0.00011
-25.00	-220.00	0.00011	-20.00	-220.00	0.00011
-17.00	-220.00	0.00011	-15.00	-220.00	0.00011

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-13.00	-220.00	0.00011	-11.00	-220.00	0.00011
-9.00	-220.00	0.00011	9.00	-220.00	0.00010
11.00	-220.00	0.00010	13.00	-220.00	0.00010
15.00	-220.00	0.00010	17.00	-220.00	0.00010
20.00	-220.00	0.00009	25.00	-220.00	0.00009
30.00	-220.00	0.00009	40.00	-220.00	0.00009
50.00	-220.00	0.00008	60.00	-220.00	0.00008
70.00	-220.00	0.00007	80.00	-220.00	0.00007
90.00	-220.00	0.00007	100.00	-220.00	0.00006
-100.00	-210.00	0.00013	-90.00	-210.00	0.00013
-80.00	-210.00	0.00013	-70.00	-210.00	0.00013
-60.00	-210.00	0.00013	-50.00	-210.00	0.00013
-40.00	-210.00	0.00012	-30.00	-210.00	0.00012
-25.00	-210.00	0.00012	-20.00	-210.00	0.00012
-17.00	-210.00	0.00011	-15.00	-210.00	0.00011
-13.00	-210.00	0.00011	-11.00	-210.00	0.00011
-9.00	-210.00	0.00011	9.00	-210.00	0.00010
11.00	-210.00	0.00010	13.00	-210.00	0.00010
15.00	-210.00	0.00010	17.00	-210.00	0.00010
20.00	-210.00	0.00010	25.00	-210.00	0.00010
30.00	-210.00	0.00009	40.00	-210.00	0.00009
50.00	-210.00	0.00009	60.00	-210.00	0.00008
70.00	-210.00	0.00008	80.00	-210.00	0.00007
90.00	-210.00	0.00007	100.00	-210.00	0.00006
-100.00	-200.00	0.00014	-90.00	-200.00	0.00014
-80.00	-200.00	0.00014	-70.00	-200.00	0.00014
-60.00	-200.00	0.00013	-50.00	-200.00	0.00013
-40.00	-200.00	0.00013	-30.00	-200.00	0.00013
-25.00	-200.00	0.00012	-20.00	-200.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00012	-15.00	-200.00	0.00012
-13.00	-200.00	0.00012	-11.00	-200.00	0.00012
-9.00	-200.00	0.00012	9.00	-200.00	0.00011
11.00	-200.00	0.00011	13.00	-200.00	0.00011
15.00	-200.00	0.00011	17.00	-200.00	0.00011

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

20.00	-200.00	0.00010	25.00	-200.00	0.00010
30.00	-200.00	0.00010	40.00	-200.00	0.00009
50.00	-200.00	0.00009	60.00	-200.00	0.00008
70.00	-200.00	0.00008	80.00	-200.00	0.00007
90.00	-200.00	0.00007	100.00	-200.00	0.00007
-100.00	-190.00	0.00015	-90.00	-190.00	0.00015
-80.00	-190.00	0.00014	-70.00	-190.00	0.00014
-60.00	-190.00	0.00014	-50.00	-190.00	0.00014
-40.00	-190.00	0.00014	-30.00	-190.00	0.00013
-25.00	-190.00	0.00013	-20.00	-190.00	0.00013
-17.00	-190.00	0.00013	-15.00	-190.00	0.00013
-13.00	-190.00	0.00012	-11.00	-190.00	0.00012
-9.00	-190.00	0.00012	9.00	-190.00	0.00011
11.00	-190.00	0.00011	13.00	-190.00	0.00011
15.00	-190.00	0.00011	17.00	-190.00	0.00011
20.00	-190.00	0.00011	25.00	-190.00	0.00011
30.00	-190.00	0.00010	40.00	-190.00	0.00010
50.00	-190.00	0.00009	60.00	-190.00	0.00009
70.00	-190.00	0.00008	80.00	-190.00	0.00008
90.00	-190.00	0.00007	100.00	-190.00	0.00007
-100.00	-180.00	0.00015	-90.00	-180.00	0.00015
-80.00	-180.00	0.00015	-70.00	-180.00	0.00015
-60.00	-180.00	0.00015	-50.00	-180.00	0.00015
-40.00	-180.00	0.00014	-30.00	-180.00	0.00014
-25.00	-180.00	0.00014	-20.00	-180.00	0.00014
-17.00	-180.00	0.00013	-15.00	-180.00	0.00013
-13.00	-180.00	0.00013	-11.00	-180.00	0.00013
-9.00	-180.00	0.00013	9.00	-180.00	0.00012
11.00	-180.00	0.00012	13.00	-180.00	0.00012
15.00	-180.00	0.00012	17.00	-180.00	0.00012
20.00	-180.00	0.00011	25.00	-180.00	0.00011
30.00	-180.00	0.00011	40.00	-180.00	0.00010
50.00	-180.00	0.00010	60.00	-180.00	0.00009
70.00	-180.00	0.00009	80.00	-180.00	0.00008
90.00	-180.00	0.00007	100.00	-180.00	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
 PAGE 26

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	-170.00	0.00016	-90.00	-170.00	0.00016	
-80.00	-170.00	0.00016	-70.00	-170.00	0.00016	
-60.00	-170.00	0.00016	-50.00	-170.00	0.00015	
-40.00	-170.00	0.00015	-30.00	-170.00	0.00015	
-25.00	-170.00	0.00014	-20.00	-170.00	0.00014	
-17.00	-170.00	0.00014	-15.00	-170.00	0.00014	
-13.00	-170.00	0.00014	-11.00	-170.00	0.00014	
-9.00	-170.00	0.00014	9.00	-170.00	0.00013	
11.00	-170.00	0.00012	13.00	-170.00	0.00012	
15.00	-170.00	0.00012	17.00	-170.00	0.00012	
20.00	-170.00	0.00012	25.00	-170.00	0.00012	
30.00	-170.00	0.00011	40.00	-170.00	0.00011	
50.00	-170.00	0.00010	60.00	-170.00	0.00010	
70.00	-170.00	0.00009	80.00	-170.00	0.00008	
90.00	-170.00	0.00008	100.00	-170.00	0.00007	
-100.00	-160.00	0.00017	-90.00	-160.00	0.00017	
-80.00	-160.00	0.00017	-70.00	-160.00	0.00017	
-60.00	-160.00	0.00017	-50.00	-160.00	0.00016	
-40.00	-160.00	0.00016	-30.00	-160.00	0.00016	
-25.00	-160.00	0.00015	-20.00	-160.00	0.00015	
-17.00	-160.00	0.00015	-15.00	-160.00	0.00015	
-13.00	-160.00	0.00015	-11.00	-160.00	0.00015	
-9.00	-160.00	0.00014	9.00	-160.00	0.00013	
11.00	-160.00	0.00013	13.00	-160.00	0.00013	
15.00	-160.00	0.00013	17.00	-160.00	0.00013	
20.00	-160.00	0.00013	25.00	-160.00	0.00012	
30.00	-160.00	0.00012	40.00	-160.00	0.00011	
50.00	-160.00	0.00011	60.00	-160.00	0.00010	
70.00	-160.00	0.00009	80.00	-160.00	0.00009	
90.00	-160.00	0.00008	100.00	-160.00	0.00007	
-100.00	-150.00	0.00018	-90.00	-150.00	0.00018	
-80.00	-150.00	0.00018	-70.00	-150.00	0.00018	
-60.00	-150.00	0.00018	-50.00	-150.00	0.00017	
-40.00	-150.00	0.00017	-30.00	-150.00	0.00016	
-25.00	-150.00	0.00016	-20.00	-150.00	0.00016	
-17.00	-150.00	0.00016	-15.00	-150.00	0.00016	
-13.00	-150.00	0.00016	-11.00	-150.00	0.00015	
-9.00	-150.00	0.00015	9.00	-150.00	0.00014	
11.00	-150.00	0.00014	13.00	-150.00	0.00014	
15.00	-150.00	0.00014	17.00	-150.00	0.00013	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00013	25.00	-150.00	0.00013
30.00	-150.00	0.00013	40.00	-150.00	0.00012
50.00	-150.00	0.00011	60.00	-150.00	0.00010
70.00	-150.00	0.00010	80.00	-150.00	0.00009
90.00	-150.00	0.00008	100.00	-150.00	0.00008
-100.00	-140.00	0.00019	-90.00	-140.00	0.00019
-80.00	-140.00	0.00019	-70.00	-140.00	0.00019
-60.00	-140.00	0.00019	-50.00	-140.00	0.00018
-40.00	-140.00	0.00018	-30.00	-140.00	0.00018
-25.00	-140.00	0.00017	-20.00	-140.00	0.00017
-17.00	-140.00	0.00017	-15.00	-140.00	0.00017
-13.00	-140.00	0.00016	-11.00	-140.00	0.00016
-9.00	-140.00	0.00016	9.00	-140.00	0.00015
11.00	-140.00	0.00015	13.00	-140.00	0.00015
15.00	-140.00	0.00014	17.00	-140.00	0.00014
20.00	-140.00	0.00014	25.00	-140.00	0.00014
30.00	-140.00	0.00013	40.00	-140.00	0.00012
50.00	-140.00	0.00012	60.00	-140.00	0.00011
70.00	-140.00	0.00010	80.00	-140.00	0.00009
90.00	-140.00	0.00008	100.00	-140.00	0.00008
-100.00	-130.00	0.00020	-90.00	-130.00	0.00020
-80.00	-130.00	0.00020	-70.00	-130.00	0.00020
-60.00	-130.00	0.00020	-50.00	-130.00	0.00020
-40.00	-130.00	0.00019	-30.00	-130.00	0.00019
-25.00	-130.00	0.00018	-20.00	-130.00	0.00018
-17.00	-130.00	0.00018	-15.00	-130.00	0.00018
-13.00	-130.00	0.00017	-11.00	-130.00	0.00017
-9.00	-130.00	0.00017	9.00	-130.00	0.00016
11.00	-130.00	0.00016	13.00	-130.00	0.00015
15.00	-130.00	0.00015	17.00	-130.00	0.00015
20.00	-130.00	0.00015	25.00	-130.00	0.00014
30.00	-130.00	0.00014	40.00	-130.00	0.00013
50.00	-130.00	0.00012	60.00	-130.00	0.00011
70.00	-130.00	0.00010	80.00	-130.00	0.00010
90.00	-130.00	0.00009	100.00	-130.00	0.00008
-100.00	-120.00	0.00022	-90.00	-120.00	0.00021
-80.00	-120.00	0.00021	-70.00	-120.00	0.00021

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-60.00	-120.00	0.00021	-50.00	-120.00	0.00021
-40.00	-120.00	0.00020	-30.00	-120.00	0.00020
-25.00	-120.00	0.00020	-20.00	-120.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 28

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00019	-15.00	-120.00	0.00019
-13.00	-120.00	0.00019	-11.00	-120.00	0.00018
-9.00	-120.00	0.00018	9.00	-120.00	0.00017
11.00	-120.00	0.00016	13.00	-120.00	0.00016
15.00	-120.00	0.00016	17.00	-120.00	0.00016
20.00	-120.00	0.00016	25.00	-120.00	0.00015
30.00	-120.00	0.00015	40.00	-120.00	0.00014
50.00	-120.00	0.00013	60.00	-120.00	0.00012
70.00	-120.00	0.00011	80.00	-120.00	0.00010
90.00	-120.00	0.00009	100.00	-120.00	0.00008
-100.00	-110.00	0.00023	-90.00	-110.00	0.00023
-80.00	-110.00	0.00023	-70.00	-110.00	0.00023
-60.00	-110.00	0.00022	-50.00	-110.00	0.00022
-40.00	-110.00	0.00022	-30.00	-110.00	0.00021
-25.00	-110.00	0.00021	-20.00	-110.00	0.00020
-17.00	-110.00	0.00020	-15.00	-110.00	0.00020
-13.00	-110.00	0.00020	-11.00	-110.00	0.00020
-9.00	-110.00	0.00019	9.00	-110.00	0.00018
11.00	-110.00	0.00017	13.00	-110.00	0.00017
15.00	-110.00	0.00017	17.00	-110.00	0.00017
20.00	-110.00	0.00017	25.00	-110.00	0.00016
30.00	-110.00	0.00016	40.00	-110.00	0.00015
50.00	-110.00	0.00013	60.00	-110.00	0.00012
70.00	-110.00	0.00011	80.00	-110.00	0.00010
90.00	-110.00	0.00009	100.00	-110.00	0.00009
-100.00	-100.00	0.00024	-90.00	-100.00	0.00024
-80.00	-100.00	0.00024	-70.00	-100.00	0.00024
-60.00	-100.00	0.00024	-50.00	-100.00	0.00024
-40.00	-100.00	0.00023	-30.00	-100.00	0.00023
-25.00	-100.00	0.00022	-20.00	-100.00	0.00022
-17.00	-100.00	0.00022	-15.00	-100.00	0.00021

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-13.00	-100.00	0.00021	-11.00	-100.00	0.00021
-9.00	-100.00	0.00021	9.00	-100.00	0.00019
11.00	-100.00	0.00019	13.00	-100.00	0.00018
15.00	-100.00	0.00018	17.00	-100.00	0.00018
20.00	-100.00	0.00018	25.00	-100.00	0.00017
30.00	-100.00	0.00016	40.00	-100.00	0.00015
50.00	-100.00	0.00014	60.00	-100.00	0.00013
70.00	-100.00	0.00012	80.00	-100.00	0.00011
90.00	-100.00	0.00010	100.00	-100.00	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00026	-90.00	-90.00	0.00026
-80.00	-90.00	0.00026	-70.00	-90.00	0.00026
-60.00	-90.00	0.00026	-50.00	-90.00	0.00025
-40.00	-90.00	0.00025	-30.00	-90.00	0.00024
-25.00	-90.00	0.00024	-20.00	-90.00	0.00023
-17.00	-90.00	0.00023	-15.00	-90.00	0.00023
-13.00	-90.00	0.00023	-11.00	-90.00	0.00023
-9.00	-90.00	0.00022	9.00	-90.00	0.00020
11.00	-90.00	0.00020	13.00	-90.00	0.00020
15.00	-90.00	0.00019	17.00	-90.00	0.00019
20.00	-90.00	0.00019	25.00	-90.00	0.00018
30.00	-90.00	0.00017	40.00	-90.00	0.00016
50.00	-90.00	0.00015	60.00	-90.00	0.00014
70.00	-90.00	0.00012	80.00	-90.00	0.00011
90.00	-90.00	0.00010	100.00	-90.00	0.00009
-100.00	-80.00	0.00028	-90.00	-80.00	0.00028
-80.00	-80.00	0.00028	-70.00	-80.00	0.00028
-60.00	-80.00	0.00028	-50.00	-80.00	0.00027
-40.00	-80.00	0.00027	-30.00	-80.00	0.00026
-25.00	-80.00	0.00026	-20.00	-80.00	0.00025
-17.00	-80.00	0.00025	-15.00	-80.00	0.00025
-13.00	-80.00	0.00024	-11.00	-80.00	0.00024
-9.00	-80.00	0.00024	9.00	-80.00	0.00022
11.00	-80.00	0.00021	13.00	-80.00	0.00021
15.00	-80.00	0.00021	17.00	-80.00	0.00020

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

20.00	-80.00	0.00020	25.00	-80.00	0.00019
30.00	-80.00	0.00019	40.00	-80.00	0.00017
50.00	-80.00	0.00016	60.00	-80.00	0.00014
70.00	-80.00	0.00013	80.00	-80.00	0.00012
90.00	-80.00	0.00010	100.00	-80.00	0.00009
-100.00	-70.00	0.00030	-90.00	-70.00	0.00030
-80.00	-70.00	0.00030	-70.00	-70.00	0.00030
-60.00	-70.00	0.00030	-50.00	-70.00	0.00030
-40.00	-70.00	0.00029	-30.00	-70.00	0.00028
-25.00	-70.00	0.00028	-20.00	-70.00	0.00027
-17.00	-70.00	0.00027	-15.00	-70.00	0.00027
-13.00	-70.00	0.00026	-11.00	-70.00	0.00026
-9.00	-70.00	0.00026	9.00	-70.00	0.00023
11.00	-70.00	0.00023	13.00	-70.00	0.00022
15.00	-70.00	0.00022	17.00	-70.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00021	25.00	-70.00	0.00021
30.00	-70.00	0.00020	40.00	-70.00	0.00018
50.00	-70.00	0.00017	60.00	-70.00	0.00015
70.00	-70.00	0.00013	80.00	-70.00	0.00012
90.00	-70.00	0.00011	100.00	-70.00	0.00010
-100.00	-60.00	0.00032	-90.00	-60.00	0.00032
-80.00	-60.00	0.00032	-70.00	-60.00	0.00032
-60.00	-60.00	0.00032	-50.00	-60.00	0.00032
-40.00	-60.00	0.00031	-30.00	-60.00	0.00031
-25.00	-60.00	0.00030	-20.00	-60.00	0.00030
-17.00	-60.00	0.00029	-15.00	-60.00	0.00029
-13.00	-60.00	0.00029	-11.00	-60.00	0.00028
-9.00	-60.00	0.00028	9.00	-60.00	0.00025
11.00	-60.00	0.00025	13.00	-60.00	0.00024
15.00	-60.00	0.00024	17.00	-60.00	0.00023
20.00	-60.00	0.00023	25.00	-60.00	0.00022
30.00	-60.00	0.00021	40.00	-60.00	0.00019
50.00	-60.00	0.00017	60.00	-60.00	0.00016
70.00	-60.00	0.00014	80.00	-60.00	0.00012

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

90.00	-60.00	0.00011	100.00	-60.00	0.00010
-100.00	-50.00	0.00034	-90.00	-50.00	0.00035
-80.00	-50.00	0.00035	-70.00	-50.00	0.00035
-60.00	-50.00	0.00035	-50.00	-50.00	0.00035
-40.00	-50.00	0.00034	-30.00	-50.00	0.00033
-25.00	-50.00	0.00033	-20.00	-50.00	0.00032
-17.00	-50.00	0.00032	-15.00	-50.00	0.00031
-13.00	-50.00	0.00031	-11.00	-50.00	0.00031
-9.00	-50.00	0.00030	9.00	-50.00	0.00027
11.00	-50.00	0.00026	13.00	-50.00	0.00026
15.00	-50.00	0.00026	17.00	-50.00	0.00025
20.00	-50.00	0.00025	25.00	-50.00	0.00024
30.00	-50.00	0.00023	40.00	-50.00	0.00021
50.00	-50.00	0.00018	60.00	-50.00	0.00016
70.00	-50.00	0.00015	80.00	-50.00	0.00013
90.00	-50.00	0.00011	100.00	-50.00	0.00010
-100.00	-40.00	0.00037	-90.00	-40.00	0.00037
-80.00	-40.00	0.00038	-70.00	-40.00	0.00038
-60.00	-40.00	0.00038	-50.00	-40.00	0.00038
-40.00	-40.00	0.00037	-30.00	-40.00	0.00036
-25.00	-40.00	0.00036	-20.00	-40.00	0.00035

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 31
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00035	-15.00	-40.00	0.00034
-13.00	-40.00	0.00034	-11.00	-40.00	0.00033
-9.00	-40.00	0.00033	9.00	-40.00	0.00029
11.00	-40.00	0.00029	13.00	-40.00	0.00028
15.00	-40.00	0.00028	17.00	-40.00	0.00027
20.00	-40.00	0.00027	25.00	-40.00	0.00025
30.00	-40.00	0.00024	40.00	-40.00	0.00022
50.00	-40.00	0.00020	60.00	-40.00	0.00017
70.00	-40.00	0.00015	80.00	-40.00	0.00013
90.00	-40.00	0.00012	100.00	-40.00	0.00011
-100.00	-30.00	0.00040	-90.00	-30.00	0.00041
-80.00	-30.00	0.00041	-70.00	-30.00	0.00042
-60.00	-30.00	0.00042	-50.00	-30.00	0.00041

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-40.00	-30.00	0.00041	-30.00	-30.00	0.00040
-25.00	-30.00	0.00039	-20.00	-30.00	0.00038
-17.00	-30.00	0.00038	-15.00	-30.00	0.00037
-13.00	-30.00	0.00037	-11.00	-30.00	0.00037
-9.00	-30.00	0.00036	9.00	-30.00	0.00032
11.00	-30.00	0.00031	13.00	-30.00	0.00031
15.00	-30.00	0.00030	17.00	-30.00	0.00030
20.00	-30.00	0.00029	25.00	-30.00	0.00027
30.00	-30.00	0.00026	40.00	-30.00	0.00023
50.00	-30.00	0.00021	60.00	-30.00	0.00018
70.00	-30.00	0.00016	80.00	-30.00	0.00014
90.00	-30.00	0.00012	100.00	-30.00	0.00011
-100.00	-20.00	0.00043	-90.00	-20.00	0.00044
-80.00	-20.00	0.00045	-70.00	-20.00	0.00045
-60.00	-20.00	0.00046	-50.00	-20.00	0.00045
-40.00	-20.00	0.00045	-30.00	-20.00	0.00044
-25.00	-20.00	0.00043	-20.00	-20.00	0.00042
-17.00	-20.00	0.00042	-15.00	-20.00	0.00041
-13.00	-20.00	0.00041	-11.00	-20.00	0.00040
-9.00	-20.00	0.00040	9.00	-20.00	0.00034
11.00	-20.00	0.00034	13.00	-20.00	0.00033
15.00	-20.00	0.00033	17.00	-20.00	0.00032
20.00	-20.00	0.00031	25.00	-20.00	0.00030
30.00	-20.00	0.00028	40.00	-20.00	0.00025
50.00	-20.00	0.00022	60.00	-20.00	0.00019
70.00	-20.00	0.00017	80.00	-20.00	0.00014
90.00	-20.00	0.00013	100.00	-20.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 32

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00046	-90.00	-10.00	0.00048
-80.00	-10.00	0.00049	-70.00	-10.00	0.00050
-60.00	-10.00	0.00050	-50.00	-10.00	0.00050
-40.00	-10.00	0.00049	-30.00	-10.00	0.00048
-25.00	-10.00	0.00048	-20.00	-10.00	0.00047
-17.00	-10.00	0.00046	-15.00	-10.00	0.00045
-13.00	-10.00	0.00045	-11.00	-10.00	0.00044

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-9.00	-10.00	0.00044	9.00	-10.00	0.00038
11.00	-10.00	0.00037	13.00	-10.00	0.00036
15.00	-10.00	0.00036	17.00	-10.00	0.00035
20.00	-10.00	0.00034	25.00	-10.00	0.00032
30.00	-10.00	0.00030	40.00	-10.00	0.00027
50.00	-10.00	0.00023	60.00	-10.00	0.00020
70.00	-10.00	0.00017	80.00	-10.00	0.00015
90.00	-10.00	0.00013	100.00	-10.00	0.00012
-100.00	0.00	0.00050	-90.00	0.00	0.00052
-80.00	0.00	0.00053	-70.00	0.00	0.00055
-60.00	0.00	0.00055	-50.00	0.00	0.00055
-40.00	0.00	0.00055	-30.00	0.00	0.00054
-25.00	0.00	0.00053	-20.00	0.00	0.00052
-17.00	0.00	0.00051	-15.00	0.00	0.00051
-13.00	0.00	0.00050	-11.00	0.00	0.00049
-9.00	0.00	0.00049	9.00	0.00	0.00042
11.00	0.00	0.00041	13.00	0.00	0.00040
15.00	0.00	0.00039	17.00	0.00	0.00038
20.00	0.00	0.00037	25.00	0.00	0.00035
30.00	0.00	0.00033	40.00	0.00	0.00029
50.00	0.00	0.00024	60.00	0.00	0.00021
70.00	0.00	0.00018	80.00	0.00	0.00016
90.00	0.00	0.00014	100.00	0.00	0.00012
-100.00	10.00	0.00054	-90.00	10.00	0.00056
-80.00	10.00	0.00058	-70.00	10.00	0.00060
-60.00	10.00	0.00061	-50.00	10.00	0.00062
-40.00	10.00	0.00061	-30.00	10.00	0.00060
-25.00	10.00	0.00059	-20.00	10.00	0.00058
-17.00	10.00	0.00057	-15.00	10.00	0.00057
-13.00	10.00	0.00056	-11.00	10.00	0.00055
-9.00	10.00	0.00054	9.00	10.00	0.00046
11.00	10.00	0.00045	13.00	10.00	0.00044
15.00	10.00	0.00043	17.00	10.00	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00041	25.00	10.00	0.00038

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

30.00	10.00	0.00036	40.00	10.00	0.00031
50.00	10.00	0.00026	60.00	10.00	0.00022
70.00	10.00	0.00019	80.00	10.00	0.00016
90.00	10.00	0.00014	100.00	10.00	0.00013
-100.00	20.00	0.00058	-90.00	20.00	0.00061
-80.00	20.00	0.00064	-70.00	20.00	0.00066
-60.00	20.00	0.00068	-50.00	20.00	0.00069
-40.00	20.00	0.00069	-30.00	20.00	0.00068
-25.00	20.00	0.00067	-20.00	20.00	0.00065
-17.00	20.00	0.00064	-15.00	20.00	0.00064
-13.00	20.00	0.00063	-11.00	20.00	0.00062
-9.00	20.00	0.00061	9.00	20.00	0.00051
11.00	20.00	0.00050	13.00	20.00	0.00049
15.00	20.00	0.00048	17.00	20.00	0.00046
20.00	20.00	0.00045	25.00	20.00	0.00042
30.00	20.00	0.00039	40.00	20.00	0.00033
50.00	20.00	0.00027	60.00	20.00	0.00023
70.00	20.00	0.00020	80.00	20.00	0.00017
90.00	20.00	0.00015	100.00	20.00	0.00013
-100.00	30.00	0.00063	-90.00	30.00	0.00067
-80.00	30.00	0.00070	-70.00	30.00	0.00073
-60.00	30.00	0.00076	-50.00	30.00	0.00077
-40.00	30.00	0.00077	-30.00	30.00	0.00076
-25.00	30.00	0.00075	-20.00	30.00	0.00074
-17.00	30.00	0.00073	-15.00	30.00	0.00072
-13.00	30.00	0.00071	-11.00	30.00	0.00070
-9.00	30.00	0.00069	9.00	30.00	0.00057
11.00	30.00	0.00056	13.00	30.00	0.00054
15.00	30.00	0.00053	17.00	30.00	0.00052
20.00	30.00	0.00049	25.00	30.00	0.00046
30.00	30.00	0.00042	40.00	30.00	0.00035
50.00	30.00	0.00029	60.00	30.00	0.00024
70.00	30.00	0.00021	80.00	30.00	0.00018
90.00	30.00	0.00016	100.00	30.00	0.00014
-100.00	40.00	0.00069	-90.00	40.00	0.00073
-80.00	40.00	0.00077	-70.00	40.00	0.00081
-60.00	40.00	0.00085	-50.00	40.00	0.00087
-40.00	40.00	0.00088	-30.00	40.00	0.00087
-25.00	40.00	0.00086	-20.00	40.00	0.00085

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00083	-15.00	40.00	0.00082
-13.00	40.00	0.00081	-11.00	40.00	0.00080
-9.00	40.00	0.00079	9.00	40.00	0.00064
11.00	40.00	0.00063	13.00	40.00	0.00061
15.00	40.00	0.00059	17.00	40.00	0.00057
20.00	40.00	0.00055	25.00	40.00	0.00050
30.00	40.00	0.00046	40.00	40.00	0.00037
50.00	40.00	0.00031	60.00	40.00	0.00025
70.00	40.00	0.00022	80.00	40.00	0.00019
90.00	40.00	0.00017	100.00	40.00	0.00015
-100.00	50.00	0.00075	-90.00	50.00	0.00080
-80.00	50.00	0.00085	-70.00	50.00	0.00090
-60.00	50.00	0.00095	-50.00	50.00	0.00099
-40.00	50.00	0.00101	-30.00	50.00	0.00100
-25.00	50.00	0.00099	-20.00	50.00	0.00098
-17.00	50.00	0.00096	-15.00	50.00	0.00095
-13.00	50.00	0.00094	-11.00	50.00	0.00093
-9.00	50.00	0.00091	9.00	50.00	0.00073
11.00	50.00	0.00071	13.00	50.00	0.00069
15.00	50.00	0.00066	17.00	50.00	0.00064
20.00	50.00	0.00061	25.00	50.00	0.00055
30.00	50.00	0.00050	40.00	50.00	0.00040
50.00	50.00	0.00032	60.00	50.00	0.00027
70.00	50.00	0.00023	80.00	50.00	0.00020
90.00	50.00	0.00018	100.00	50.00	0.00016
-100.00	60.00	0.00082	-90.00	60.00	0.00088
-80.00	60.00	0.00094	-70.00	60.00	0.00101
-60.00	60.00	0.00107	-50.00	60.00	0.00112
-40.00	60.00	0.00116	-30.00	60.00	0.00116
-25.00	60.00	0.00115	-20.00	60.00	0.00114
-17.00	60.00	0.00112	-15.00	60.00	0.00111
-13.00	60.00	0.00110	-11.00	60.00	0.00108
-9.00	60.00	0.00106	9.00	60.00	0.00083
11.00	60.00	0.00081	13.00	60.00	0.00078
15.00	60.00	0.00075	17.00	60.00	0.00072
20.00	60.00	0.00068	25.00	60.00	0.00061
30.00	60.00	0.00054	40.00	60.00	0.00043
50.00	60.00	0.00034	60.00	60.00	0.00028
70.00	60.00	0.00024	80.00	60.00	0.00021

90.00 60.00 0.00019 100.00 60.00 0.00017

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 35

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00090	-90.00	70.00	0.00097
-80.00	70.00	0.00104	-70.00	70.00	0.00112
-60.00	70.00	0.00120	-50.00	70.00	0.00128
-40.00	70.00	0.00134	-30.00	70.00	0.00136
-25.00	70.00	0.00135	-20.00	70.00	0.00134
-17.00	70.00	0.00132	-15.00	70.00	0.00131
-13.00	70.00	0.00129	-11.00	70.00	0.00127
-9.00	70.00	0.00125	9.00	70.00	0.00096
11.00	70.00	0.00092	13.00	70.00	0.00088
15.00	70.00	0.00085	17.00	70.00	0.00081
20.00	70.00	0.00075	25.00	70.00	0.00066
30.00	70.00	0.00058	40.00	70.00	0.00045
50.00	70.00	0.00036	60.00	70.00	0.00030
70.00	70.00	0.00026	80.00	70.00	0.00023
90.00	70.00	0.00020	100.00	70.00	0.00018
-100.00	80.00	0.00098	-90.00	80.00	0.00107
-80.00	80.00	0.00116	-70.00	80.00	0.00126
-60.00	80.00	0.00136	-50.00	80.00	0.00146
-40.00	80.00	0.00155	-30.00	80.00	0.00160
-25.00	80.00	0.00160	-20.00	80.00	0.00159
-17.00	80.00	0.00157	-15.00	80.00	0.00156
-13.00	80.00	0.00154	-11.00	80.00	0.00152
-9.00	80.00	0.00149	9.00	80.00	0.00111
11.00	80.00	0.00106	13.00	80.00	0.00101
15.00	80.00	0.00096	17.00	80.00	0.00091
20.00	80.00	0.00084	25.00	80.00	0.00073
30.00	80.00	0.00063	40.00	80.00	0.00049
50.00	80.00	0.00039	60.00	80.00	0.00033
70.00	80.00	0.00028	80.00	80.00	0.00024
90.00	80.00	0.00021	100.00	80.00	0.00019
-100.00	90.00	0.00106	-90.00	90.00	0.00117
-80.00	90.00	0.00129	-70.00	90.00	0.00141
-60.00	90.00	0.00154	-50.00	90.00	0.00167

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-40.00	90.00	0.00180	-30.00	90.00	0.00189
-25.00	90.00	0.00191	-20.00	90.00	0.00191
-17.00	90.00	0.00189	-15.00	90.00	0.00188
-13.00	90.00	0.00186	-11.00	90.00	0.00183
-9.00	90.00	0.00180	9.00	90.00	0.00128
11.00	90.00	0.00122	13.00	90.00	0.00115
15.00	90.00	0.00108	17.00	90.00	0.00102

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
PAGE 36

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00092	25.00	90.00	0.00079
30.00	90.00	0.00068	40.00	90.00	0.00052
50.00	90.00	0.00042	60.00	90.00	0.00035
70.00	90.00	0.00030	80.00	90.00	0.00026
90.00	90.00	0.00022	100.00	90.00	0.00019
-100.00	100.00	0.00113	-90.00	100.00	0.00126
-80.00	100.00	0.00142	-70.00	100.00	0.00158
-60.00	100.00	0.00175	-50.00	100.00	0.00192
-40.00	100.00	0.00209	-30.00	100.00	0.00223
-25.00	100.00	0.00228	-20.00	100.00	0.00230
-17.00	100.00	0.00230	-15.00	100.00	0.00229
-13.00	100.00	0.00227	-11.00	100.00	0.00224
-9.00	100.00	0.00220	9.00	100.00	0.00149
11.00	100.00	0.00139	13.00	100.00	0.00130
15.00	100.00	0.00121	17.00	100.00	0.00112
20.00	100.00	0.00101	25.00	100.00	0.00085
30.00	100.00	0.00073	40.00	100.00	0.00056
50.00	100.00	0.00045	60.00	100.00	0.00037
70.00	100.00	0.00032	80.00	100.00	0.00027
90.00	100.00	0.00023	100.00	100.00	0.00020
-100.00	110.00	0.00117	-90.00	110.00	0.00133
-80.00	110.00	0.00151	-70.00	110.00	0.00172
-60.00	110.00	0.00196	-50.00	110.00	0.00220
-40.00	110.00	0.00244	-30.00	110.00	0.00264
-25.00	110.00	0.00273	-20.00	110.00	0.00279
-17.00	110.00	0.00280	-15.00	110.00	0.00280
-13.00	110.00	0.00279	-11.00	110.00	0.00277

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-9.00	110.00	0.00273	9.00	110.00	0.00171
11.00	110.00	0.00158	13.00	110.00	0.00145
15.00	110.00	0.00133	17.00	110.00	0.00123
20.00	110.00	0.00110	25.00	110.00	0.00092
30.00	110.00	0.00079	40.00	110.00	0.00061
50.00	110.00	0.00048	60.00	110.00	0.00040
70.00	110.00	0.00033	80.00	110.00	0.00028
90.00	110.00	0.00024	100.00	110.00	0.00021
-100.00	120.00	0.00118	-90.00	120.00	0.00136
-80.00	120.00	0.00157	-70.00	120.00	0.00182
-60.00	120.00	0.00211	-50.00	120.00	0.00244
-40.00	120.00	0.00279	-30.00	120.00	0.00313
-25.00	120.00	0.00327	-20.00	120.00	0.00337

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 37

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00343	-15.00	120.00	0.00345
-13.00	120.00	0.00347	-11.00	120.00	0.00346
-9.00	120.00	0.00344	9.00	120.00	0.00193
11.00	120.00	0.00175	13.00	120.00	0.00159
15.00	120.00	0.00145	17.00	120.00	0.00134
20.00	120.00	0.00119	25.00	120.00	0.00099
30.00	120.00	0.00084	40.00	120.00	0.00064
50.00	120.00	0.00051	60.00	120.00	0.00042
70.00	120.00	0.00035	80.00	120.00	0.00029
90.00	120.00	0.00025	100.00	120.00	0.00021
-100.00	130.00	0.00118	-90.00	130.00	0.00136
-80.00	130.00	0.00159	-70.00	130.00	0.00186
-60.00	130.00	0.00218	-50.00	130.00	0.00257
-40.00	130.00	0.00301	-30.00	130.00	0.00349
-25.00	130.00	0.00374	-20.00	130.00	0.00399
-17.00	130.00	0.00414	-15.00	130.00	0.00423
-13.00	130.00	0.00432	-11.00	130.00	0.00442
-9.00	130.00	0.00450	9.00	130.00	0.00213
11.00	130.00	0.00191	13.00	130.00	0.00172
15.00	130.00	0.00157	17.00	130.00	0.00143
20.00	130.00	0.00127	25.00	130.00	0.00105

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

30.00	130.00	0.00090	40.00	130.00	0.00068
50.00	130.00	0.00054	60.00	130.00	0.00044
70.00	130.00	0.00037	80.00	130.00	0.00031
90.00	130.00	0.00026	100.00	130.00	0.00022
-100.00	140.00	0.00114	-90.00	140.00	0.00134
-80.00	140.00	0.00157	-70.00	140.00	0.00185
-60.00	140.00	0.00219	-50.00	140.00	0.00260
-40.00	140.00	0.00308	-30.00	140.00	0.00363
-25.00	140.00	0.00392	-20.00	140.00	0.00423
-17.00	140.00	0.00443	-15.00	140.00	0.00458
-13.00	140.00	0.00474	-11.00	140.00	0.00494
-9.00	140.00	0.00520	9.00	140.00	0.00250
11.00	140.00	0.00219	13.00	140.00	0.00195
15.00	140.00	0.00177	17.00	140.00	0.00161
20.00	140.00	0.00142	25.00	140.00	0.00117
30.00	140.00	0.00100	40.00	140.00	0.00076
50.00	140.00	0.00060	60.00	140.00	0.00049
70.00	140.00	0.00040	80.00	140.00	0.00033
90.00	140.00	0.00028	100.00	140.00	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 38

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00109	-90.00	150.00	0.00128
-80.00	150.00	0.00151	-70.00	150.00	0.00180
-60.00	150.00	0.00214	-50.00	150.00	0.00256
-40.00	150.00	0.00305	-30.00	150.00	0.00362
-25.00	150.00	0.00393	-20.00	150.00	0.00427
-17.00	150.00	0.00451	-15.00	150.00	0.00468
-13.00	150.00	0.00488	-11.00	150.00	0.00515
-9.00	150.00	0.00555	9.00	150.00	0.00348
11.00	150.00	0.00294	13.00	150.00	0.00255
15.00	150.00	0.00224	17.00	150.00	0.00200
20.00	150.00	0.00171	25.00	150.00	0.00138
30.00	150.00	0.00116	40.00	150.00	0.00086
50.00	150.00	0.00067	60.00	150.00	0.00054
70.00	150.00	0.00044	80.00	150.00	0.00036
90.00	150.00	0.00030	100.00	150.00	0.00025

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-100.00	160.00	0.00101	-90.00	160.00	0.00120
-80.00	160.00	0.00142	-70.00	160.00	0.00170
-60.00	160.00	0.00204	-50.00	160.00	0.00246
-40.00	160.00	0.00295	-30.00	160.00	0.00354
-25.00	160.00	0.00387	-20.00	160.00	0.00426
-17.00	160.00	0.00455	-15.00	160.00	0.00479
-13.00	160.00	0.00511	-11.00	160.00	0.00554
-9.00	160.00	0.00618	9.00	160.00	0.00450
11.00	160.00	0.00380	13.00	160.00	0.00327
15.00	160.00	0.00286	17.00	160.00	0.00253
20.00	160.00	0.00214	25.00	160.00	0.00168
30.00	160.00	0.00137	40.00	160.00	0.00099
50.00	160.00	0.00076	60.00	160.00	0.00059
70.00	160.00	0.00048	80.00	160.00	0.00039
90.00	160.00	0.00032	100.00	160.00	0.00027
-100.00	170.00	0.00091	-90.00	170.00	0.00109
-80.00	170.00	0.00130	-70.00	170.00	0.00157
-60.00	170.00	0.00190	-50.00	170.00	0.00231
-40.00	170.00	0.00280	-30.00	170.00	0.00340
-25.00	170.00	0.00376	-20.00	170.00	0.00424
-17.00	170.00	0.00463	-15.00	170.00	0.00498
-13.00	170.00	0.00543	-11.00	170.00	0.00602
-9.00	170.00	0.00682	9.00	170.00	0.00530
11.00	170.00	0.00451	13.00	170.00	0.00390
15.00	170.00	0.00342	17.00	170.00	0.00303

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00256	25.00	170.00	0.00201
30.00	170.00	0.00163	40.00	170.00	0.00114
50.00	170.00	0.00085	60.00	170.00	0.00065
70.00	170.00	0.00052	80.00	170.00	0.00042
90.00	170.00	0.00035	100.00	170.00	0.00030
-100.00	180.00	0.00081	-90.00	180.00	0.00096
-80.00	180.00	0.00116	-70.00	180.00	0.00141
-60.00	180.00	0.00172	-50.00	180.00	0.00211
-40.00	180.00	0.00259	-30.00	180.00	0.00320

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-25.00	180.00	0.00361	-20.00	180.00	0.00420
-17.00	180.00	0.00470	-15.00	180.00	0.00514
-13.00	180.00	0.00568	-11.00	180.00	0.00637
-9.00	180.00	0.00727	9.00	180.00	0.00587
11.00	180.00	0.00504	13.00	180.00	0.00440
15.00	180.00	0.00388	17.00	180.00	0.00345
20.00	180.00	0.00294	25.00	180.00	0.00232
30.00	180.00	0.00188	40.00	180.00	0.00131
50.00	180.00	0.00095	60.00	180.00	0.00072
70.00	180.00	0.00057	80.00	180.00	0.00046
90.00	180.00	0.00038	100.00	180.00	0.00032
-100.00	190.00	0.00071	-90.00	190.00	0.00084
-80.00	190.00	0.00100	-70.00	190.00	0.00121
-60.00	190.00	0.00149	-50.00	190.00	0.00185
-40.00	190.00	0.00231	-30.00	190.00	0.00295
-25.00	190.00	0.00342	-20.00	190.00	0.00410
-17.00	190.00	0.00468	-15.00	190.00	0.00517
-13.00	190.00	0.00577	-11.00	190.00	0.00652
-9.00	190.00	0.00747	9.00	190.00	0.00625
11.00	190.00	0.00541	13.00	190.00	0.00476
15.00	190.00	0.00423	17.00	190.00	0.00379
20.00	190.00	0.00325	25.00	190.00	0.00258
30.00	190.00	0.00210	40.00	190.00	0.00146
50.00	190.00	0.00106	60.00	190.00	0.00080
70.00	190.00	0.00062	80.00	190.00	0.00050
90.00	190.00	0.00041	100.00	190.00	0.00034
-100.00	200.00	0.00062	-90.00	200.00	0.00073
-80.00	200.00	0.00086	-70.00	200.00	0.00102
-60.00	200.00	0.00124	-50.00	200.00	0.00154
-40.00	200.00	0.00197	-30.00	200.00	0.00263
-25.00	200.00	0.00314	-20.00	200.00	0.00387

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00449	-15.00	200.00	0.00501
-13.00	200.00	0.00564	-11.00	200.00	0.00643
-9.00	200.00	0.00741	9.00	200.00	0.00647

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

11.00	200.00	0.00565	13.00	200.00	0.00501
15.00	200.00	0.00449	17.00	200.00	0.00405
20.00	200.00	0.00349	25.00	200.00	0.00279
30.00	200.00	0.00228	40.00	200.00	0.00159
50.00	200.00	0.00117	60.00	200.00	0.00088
70.00	200.00	0.00068	80.00	200.00	0.00054
90.00	200.00	0.00044	100.00	200.00	0.00037
-100.00	210.00	0.00055	-90.00	210.00	0.00063
-80.00	210.00	0.00074	-70.00	210.00	0.00087
-60.00	210.00	0.00104	-50.00	210.00	0.00126
-40.00	210.00	0.00161	-30.00	210.00	0.00222
-25.00	210.00	0.00274	-20.00	210.00	0.00350
-17.00	210.00	0.00413	-15.00	210.00	0.00465
-13.00	210.00	0.00529	-11.00	210.00	0.00607
-9.00	210.00	0.00705	9.00	210.00	0.00659
11.00	210.00	0.00580	13.00	210.00	0.00517
15.00	210.00	0.00466	17.00	210.00	0.00423
20.00	210.00	0.00367	25.00	210.00	0.00295
30.00	210.00	0.00243	40.00	210.00	0.00171
50.00	210.00	0.00126	60.00	210.00	0.00096
70.00	210.00	0.00074	80.00	210.00	0.00059
90.00	210.00	0.00048	100.00	210.00	0.00039
-100.00	220.00	0.00049	-90.00	220.00	0.00056
-80.00	220.00	0.00064	-70.00	220.00	0.00075
-60.00	220.00	0.00089	-50.00	220.00	0.00107
-40.00	220.00	0.00137	-30.00	220.00	0.00191
-25.00	220.00	0.00236	-20.00	220.00	0.00303
-17.00	220.00	0.00359	-15.00	220.00	0.00407
-13.00	220.00	0.00464	-11.00	220.00	0.00536
-9.00	220.00	0.00627	9.00	220.00	0.00665
11.00	220.00	0.00589	13.00	220.00	0.00527
15.00	220.00	0.00477	17.00	220.00	0.00434
20.00	220.00	0.00380	25.00	220.00	0.00308
30.00	220.00	0.00254	40.00	220.00	0.00181
50.00	220.00	0.00134	60.00	220.00	0.00102
70.00	220.00	0.00079	80.00	220.00	0.00063
90.00	220.00	0.00051	100.00	220.00	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

05NCRA_NAPA01-300 DPM TRAV ANN N-S Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00044	-90.00	230.00	0.00050
-80.00	230.00	0.00057	-70.00	230.00	0.00066
-60.00	230.00	0.00078	-50.00	230.00	0.00096
-40.00	230.00	0.00125	-30.00	230.00	0.00179
-25.00	230.00	0.00223	-20.00	230.00	0.00288
-17.00	230.00	0.00341	-15.00	230.00	0.00384
-13.00	230.00	0.00435	-11.00	230.00	0.00497
-9.00	230.00	0.00573	9.00	230.00	0.00644
11.00	230.00	0.00578	13.00	230.00	0.00522
15.00	230.00	0.00474	17.00	230.00	0.00433
20.00	230.00	0.00381	25.00	230.00	0.00311
30.00	230.00	0.00258	40.00	230.00	0.00185
50.00	230.00	0.00138	60.00	230.00	0.00105
70.00	230.00	0.00083	80.00	230.00	0.00066
90.00	230.00	0.00053	100.00	230.00	0.00044
-100.00	240.00	0.00040	-90.00	240.00	0.00045
-80.00	240.00	0.00051	-70.00	240.00	0.00060
-60.00	240.00	0.00072	-50.00	240.00	0.00089
-40.00	240.00	0.00120	-30.00	240.00	0.00176
-25.00	240.00	0.00221	-20.00	240.00	0.00285
-17.00	240.00	0.00337	-15.00	240.00	0.00379
-13.00	240.00	0.00428	-11.00	240.00	0.00484
-9.00	240.00	0.00546	9.00	240.00	0.00552
11.00	240.00	0.00511	13.00	240.00	0.00472
15.00	240.00	0.00437	17.00	240.00	0.00405
20.00	240.00	0.00361	25.00	240.00	0.00302
30.00	240.00	0.00254	40.00	240.00	0.00184
50.00	240.00	0.00138	60.00	240.00	0.00107
70.00	240.00	0.00084	80.00	240.00	0.00068
90.00	240.00	0.00055	100.00	240.00	0.00045
-100.00	250.00	0.00037	-90.00	250.00	0.00041
-80.00	250.00	0.00047	-70.00	250.00	0.00056
-60.00	250.00	0.00067	-50.00	250.00	0.00086
-40.00	250.00	0.00117	-30.00	250.00	0.00174
-25.00	250.00	0.00219	-20.00	250.00	0.00281
-17.00	250.00	0.00329	-15.00	250.00	0.00364
-13.00	250.00	0.00402	-11.00	250.00	0.00441
-9.00	250.00	0.00479	9.00	250.00	0.00454
11.00	250.00	0.00429	13.00	250.00	0.00404
15.00	250.00	0.00380	17.00	250.00	0.00357

04/20/08

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00326	25.00	250.00	0.00279
30.00	250.00	0.00240	40.00	250.00	0.00180
50.00	250.00	0.00137	60.00	250.00	0.00107
70.00	250.00	0.00085	80.00	250.00	0.00069
90.00	250.00	0.00056	100.00	250.00	0.00046

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00017	-90.00	-250.00	0.00017
-80.00	-250.00	0.00017	-70.00	-250.00	0.00017
-60.00	-250.00	0.00017	-50.00	-250.00	0.00016
-40.00	-250.00	0.00016	-30.00	-250.00	0.00016
-25.00	-250.00	0.00015	-20.00	-250.00	0.00015
-17.00	-250.00	0.00015	-15.00	-250.00	0.00015
-13.00	-250.00	0.00015	-11.00	-250.00	0.00015
-9.00	-250.00	0.00014	9.00	-250.00	0.00013
11.00	-250.00	0.00013	13.00	-250.00	0.00013
15.00	-250.00	0.00013	17.00	-250.00	0.00013
20.00	-250.00	0.00013	25.00	-250.00	0.00012
30.00	-250.00	0.00012	40.00	-250.00	0.00011
50.00	-250.00	0.00011	60.00	-250.00	0.00010
70.00	-250.00	0.00009	80.00	-250.00	0.00009
90.00	-250.00	0.00008	100.00	-250.00	0.00007
-100.00	-240.00	0.00018	-90.00	-240.00	0.00018
-80.00	-240.00	0.00018	-70.00	-240.00	0.00018
-60.00	-240.00	0.00018	-50.00	-240.00	0.00017
-40.00	-240.00	0.00017	-30.00	-240.00	0.00016
-25.00	-240.00	0.00016	-20.00	-240.00	0.00016

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-17.00	-240.00	0.00016	-15.00	-240.00	0.00016
-13.00	-240.00	0.00016	-11.00	-240.00	0.00015
-9.00	-240.00	0.00015	9.00	-240.00	0.00014
11.00	-240.00	0.00014	13.00	-240.00	0.00014
15.00	-240.00	0.00014	17.00	-240.00	0.00013
20.00	-240.00	0.00013	25.00	-240.00	0.00013
30.00	-240.00	0.00013	40.00	-240.00	0.00012
50.00	-240.00	0.00011	60.00	-240.00	0.00010
70.00	-240.00	0.00010	80.00	-240.00	0.00009
90.00	-240.00	0.00008	100.00	-240.00	0.00008
-100.00	-230.00	0.00019	-90.00	-230.00	0.00019
-80.00	-230.00	0.00019	-70.00	-230.00	0.00019
-60.00	-230.00	0.00019	-50.00	-230.00	0.00018
-40.00	-230.00	0.00018	-30.00	-230.00	0.00018
-25.00	-230.00	0.00017	-20.00	-230.00	0.00017
-17.00	-230.00	0.00017	-15.00	-230.00	0.00017
-13.00	-230.00	0.00016	-11.00	-230.00	0.00016
-9.00	-230.00	0.00016	9.00	-230.00	0.00015
11.00	-230.00	0.00015	13.00	-230.00	0.00015
15.00	-230.00	0.00014	17.00	-230.00	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
 PAGE 44
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00014	25.00	-230.00	0.00014
30.00	-230.00	0.00013	40.00	-230.00	0.00012
50.00	-230.00	0.00012	60.00	-230.00	0.00011
70.00	-230.00	0.00010	80.00	-230.00	0.00009
90.00	-230.00	0.00008	100.00	-230.00	0.00008
-100.00	-220.00	0.00020	-90.00	-220.00	0.00020
-80.00	-220.00	0.00020	-70.00	-220.00	0.00020
-60.00	-220.00	0.00020	-50.00	-220.00	0.00020
-40.00	-220.00	0.00019	-30.00	-220.00	0.00019
-25.00	-220.00	0.00018	-20.00	-220.00	0.00018
-17.00	-220.00	0.00018	-15.00	-220.00	0.00018
-13.00	-220.00	0.00017	-11.00	-220.00	0.00017
-9.00	-220.00	0.00017	9.00	-220.00	0.00016
11.00	-220.00	0.00016	13.00	-220.00	0.00015

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

15.00	-220.00	0.00015	17.00	-220.00	0.00015
20.00	-220.00	0.00015	25.00	-220.00	0.00014
30.00	-220.00	0.00014	40.00	-220.00	0.00013
50.00	-220.00	0.00012	60.00	-220.00	0.00011
70.00	-220.00	0.00010	80.00	-220.00	0.00010
90.00	-220.00	0.00009	100.00	-220.00	0.00008
-100.00	-210.00	0.00022	-90.00	-210.00	0.00021
-80.00	-210.00	0.00021	-70.00	-210.00	0.00021
-60.00	-210.00	0.00021	-50.00	-210.00	0.00021
-40.00	-210.00	0.00020	-30.00	-210.00	0.00020
-25.00	-210.00	0.00020	-20.00	-210.00	0.00019
-17.00	-210.00	0.00019	-15.00	-210.00	0.00019
-13.00	-210.00	0.00019	-11.00	-210.00	0.00018
-9.00	-210.00	0.00018	9.00	-210.00	0.00017
11.00	-210.00	0.00016	13.00	-210.00	0.00016
15.00	-210.00	0.00016	17.00	-210.00	0.00016
20.00	-210.00	0.00016	25.00	-210.00	0.00015
30.00	-210.00	0.00015	40.00	-210.00	0.00014
50.00	-210.00	0.00013	60.00	-210.00	0.00012
70.00	-210.00	0.00011	80.00	-210.00	0.00010
90.00	-210.00	0.00009	100.00	-210.00	0.00008
-100.00	-200.00	0.00023	-90.00	-200.00	0.00023
-80.00	-200.00	0.00023	-70.00	-200.00	0.00023
-60.00	-200.00	0.00022	-50.00	-200.00	0.00022
-40.00	-200.00	0.00022	-30.00	-200.00	0.00021
-25.00	-200.00	0.00021	-20.00	-200.00	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTS:
 PAGE 45

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00020	-15.00	-200.00	0.00020
-13.00	-200.00	0.00020	-11.00	-200.00	0.00020
-9.00	-200.00	0.00019	9.00	-200.00	0.00018
11.00	-200.00	0.00017	13.00	-200.00	0.00017
15.00	-200.00	0.00017	17.00	-200.00	0.00017
20.00	-200.00	0.00017	25.00	-200.00	0.00016
30.00	-200.00	0.00016	40.00	-200.00	0.00015
50.00	-200.00	0.00013	60.00	-200.00	0.00012

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

70.00	-200.00	0.00011	80.00	-200.00	0.00010
90.00	-200.00	0.00009	100.00	-200.00	0.00009
-100.00	-190.00	0.00024	-90.00	-190.00	0.00024
-80.00	-190.00	0.00024	-70.00	-190.00	0.00024
-60.00	-190.00	0.00024	-50.00	-190.00	0.00024
-40.00	-190.00	0.00023	-30.00	-190.00	0.00023
-25.00	-190.00	0.00022	-20.00	-190.00	0.00022
-17.00	-190.00	0.00022	-15.00	-190.00	0.00021
-13.00	-190.00	0.00021	-11.00	-190.00	0.00021
-9.00	-190.00	0.00021	9.00	-190.00	0.00019
11.00	-190.00	0.00019	13.00	-190.00	0.00018
15.00	-190.00	0.00018	17.00	-190.00	0.00018
20.00	-190.00	0.00018	25.00	-190.00	0.00017
30.00	-190.00	0.00016	40.00	-190.00	0.00015
50.00	-190.00	0.00014	60.00	-190.00	0.00013
70.00	-190.00	0.00012	80.00	-190.00	0.00011
90.00	-190.00	0.00010	100.00	-190.00	0.00009
-100.00	-180.00	0.00026	-90.00	-180.00	0.00026
-80.00	-180.00	0.00026	-70.00	-180.00	0.00026
-60.00	-180.00	0.00026	-50.00	-180.00	0.00025
-40.00	-180.00	0.00025	-30.00	-180.00	0.00024
-25.00	-180.00	0.00024	-20.00	-180.00	0.00023
-17.00	-180.00	0.00023	-15.00	-180.00	0.00023
-13.00	-180.00	0.00023	-11.00	-180.00	0.00023
-9.00	-180.00	0.00022	9.00	-180.00	0.00020
11.00	-180.00	0.00020	13.00	-180.00	0.00020
15.00	-180.00	0.00019	17.00	-180.00	0.00019
20.00	-180.00	0.00019	25.00	-180.00	0.00018
30.00	-180.00	0.00017	40.00	-180.00	0.00016
50.00	-180.00	0.00015	60.00	-180.00	0.00014
70.00	-180.00	0.00012	80.00	-180.00	0.00011
90.00	-180.00	0.00010	100.00	-180.00	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTS:
 PAGE 46

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00028	-90.00	-170.00	0.00028
-80.00	-170.00	0.00028	-70.00	-170.00	0.00028

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-60.00	-170.00	0.00028	-50.00	-170.00	0.00027
-40.00	-170.00	0.00027	-30.00	-170.00	0.00026
-25.00	-170.00	0.00026	-20.00	-170.00	0.00025
-17.00	-170.00	0.00025	-15.00	-170.00	0.00025
-13.00	-170.00	0.00024	-11.00	-170.00	0.00024
-9.00	-170.00	0.00024	9.00	-170.00	0.00022
11.00	-170.00	0.00021	13.00	-170.00	0.00021
15.00	-170.00	0.00021	17.00	-170.00	0.00020
20.00	-170.00	0.00020	25.00	-170.00	0.00019
30.00	-170.00	0.00019	40.00	-170.00	0.00017
50.00	-170.00	0.00016	60.00	-170.00	0.00014
70.00	-170.00	0.00013	80.00	-170.00	0.00012
90.00	-170.00	0.00010	100.00	-170.00	0.00009
-100.00	-160.00	0.00030	-90.00	-160.00	0.00030
-80.00	-160.00	0.00030	-70.00	-160.00	0.00030
-60.00	-160.00	0.00030	-50.00	-160.00	0.00030
-40.00	-160.00	0.00029	-30.00	-160.00	0.00028
-25.00	-160.00	0.00028	-20.00	-160.00	0.00027
-17.00	-160.00	0.00027	-15.00	-160.00	0.00027
-13.00	-160.00	0.00026	-11.00	-160.00	0.00026
-9.00	-160.00	0.00026	9.00	-160.00	0.00023
11.00	-160.00	0.00023	13.00	-160.00	0.00022
15.00	-160.00	0.00022	17.00	-160.00	0.00022
20.00	-160.00	0.00021	25.00	-160.00	0.00021
30.00	-160.00	0.00020	40.00	-160.00	0.00018
50.00	-160.00	0.00017	60.00	-160.00	0.00015
70.00	-160.00	0.00013	80.00	-160.00	0.00012
90.00	-160.00	0.00011	100.00	-160.00	0.00010
-100.00	-150.00	0.00032	-90.00	-150.00	0.00032
-80.00	-150.00	0.00032	-70.00	-150.00	0.00032
-60.00	-150.00	0.00032	-50.00	-150.00	0.00032
-40.00	-150.00	0.00031	-30.00	-150.00	0.00031
-25.00	-150.00	0.00030	-20.00	-150.00	0.00030
-17.00	-150.00	0.00029	-15.00	-150.00	0.00029
-13.00	-150.00	0.00029	-11.00	-150.00	0.00028
-9.00	-150.00	0.00028	9.00	-150.00	0.00025
11.00	-150.00	0.00025	13.00	-150.00	0.00024
15.00	-150.00	0.00024	17.00	-150.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

05NCRA NAPA01-300_DPM_TRAV_ANN_N-S Bound
 INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	-150.00	0.00023	25.00	-150.00	0.00022	
30.00	-150.00	0.00021	40.00	-150.00	0.00019	
50.00	-150.00	0.00017	60.00	-150.00	0.00016	
70.00	-150.00	0.00014	80.00	-150.00	0.00012	
90.00	-150.00	0.00011	100.00	-150.00	0.00010	
-100.00	-140.00	0.00034	-90.00	-140.00	0.00035	
-80.00	-140.00	0.00035	-70.00	-140.00	0.00035	
-60.00	-140.00	0.00035	-50.00	-140.00	0.00035	
-40.00	-140.00	0.00034	-30.00	-140.00	0.00033	
-25.00	-140.00	0.00033	-20.00	-140.00	0.00032	
-17.00	-140.00	0.00032	-15.00	-140.00	0.00031	
-13.00	-140.00	0.00031	-11.00	-140.00	0.00031	
-9.00	-140.00	0.00030	9.00	-140.00	0.00027	
11.00	-140.00	0.00026	13.00	-140.00	0.00026	
15.00	-140.00	0.00026	17.00	-140.00	0.00025	
20.00	-140.00	0.00025	25.00	-140.00	0.00024	
30.00	-140.00	0.00023	40.00	-140.00	0.00021	
50.00	-140.00	0.00018	60.00	-140.00	0.00016	
70.00	-140.00	0.00015	80.00	-140.00	0.00013	
90.00	-140.00	0.00011	100.00	-140.00	0.00010	
-100.00	-130.00	0.00037	-90.00	-130.00	0.00037	
-80.00	-130.00	0.00038	-70.00	-130.00	0.00038	
-60.00	-130.00	0.00038	-50.00	-130.00	0.00038	
-40.00	-130.00	0.00037	-30.00	-130.00	0.00036	
-25.00	-130.00	0.00036	-20.00	-130.00	0.00035	
-17.00	-130.00	0.00035	-15.00	-130.00	0.00034	
-13.00	-130.00	0.00034	-11.00	-130.00	0.00033	
-9.00	-130.00	0.00033	9.00	-130.00	0.00029	
11.00	-130.00	0.00029	13.00	-130.00	0.00028	
15.00	-130.00	0.00028	17.00	-130.00	0.00027	
20.00	-130.00	0.00027	25.00	-130.00	0.00025	
30.00	-130.00	0.00024	40.00	-130.00	0.00022	
50.00	-130.00	0.00020	60.00	-130.00	0.00017	
70.00	-130.00	0.00015	80.00	-130.00	0.00013	
90.00	-130.00	0.00012	100.00	-130.00	0.00011	
-100.00	-120.00	0.00040	-90.00	-120.00	0.00041	
-80.00	-120.00	0.00041	-70.00	-120.00	0.00042	
-60.00	-120.00	0.00042	-50.00	-120.00	0.00041	
-40.00	-120.00	0.00041	-30.00	-120.00	0.00040	
-25.00	-120.00	0.00039	-20.00	-120.00	0.00038	

1 *** ICSCT3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

16:57:07

**MODELOPTS:

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*** Maximum train overlap at North/South Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00038	-15.00	-120.00	0.00037
-13.00	-120.00	0.00037	-11.00	-120.00	0.00037
-9.00	-120.00	0.00036	9.00	-120.00	0.00032
11.00	-120.00	0.00031	13.00	-120.00	0.00031
15.00	-120.00	0.00030	17.00	-120.00	0.00030
20.00	-120.00	0.00029	25.00	-120.00	0.00027
30.00	-120.00	0.00026	40.00	-120.00	0.00023
50.00	-120.00	0.00021	60.00	-120.00	0.00018
70.00	-120.00	0.00016	80.00	-120.00	0.00014
90.00	-120.00	0.00012	100.00	-120.00	0.00011
-100.00	-110.00	0.00043	-90.00	-110.00	0.00044
-80.00	-110.00	0.00045	-70.00	-110.00	0.00045
-60.00	-110.00	0.00046	-50.00	-110.00	0.00045
-40.00	-110.00	0.00045	-30.00	-110.00	0.00044
-25.00	-110.00	0.00043	-20.00	-110.00	0.00042
-17.00	-110.00	0.00042	-15.00	-110.00	0.00041
-13.00	-110.00	0.00041	-11.00	-110.00	0.00040
-9.00	-110.00	0.00040	9.00	-110.00	0.00034
11.00	-110.00	0.00034	13.00	-110.00	0.00033
15.00	-110.00	0.00033	17.00	-110.00	0.00032
20.00	-110.00	0.00031	25.00	-110.00	0.00030
30.00	-110.00	0.00028	40.00	-110.00	0.00025
50.00	-110.00	0.00022	60.00	-110.00	0.00019
70.00	-110.00	0.00017	80.00	-110.00	0.00014
90.00	-110.00	0.00013	100.00	-110.00	0.00011
-100.00	-100.00	0.00046	-90.00	-100.00	0.00048
-80.00	-100.00	0.00049	-70.00	-100.00	0.00050
-60.00	-100.00	0.00050	-50.00	-100.00	0.00050
-40.00	-100.00	0.00049	-30.00	-100.00	0.00048
-25.00	-100.00	0.00048	-20.00	-100.00	0.00047
-17.00	-100.00	0.00046	-15.00	-100.00	0.00045
-13.00	-100.00	0.00045	-11.00	-100.00	0.00044
-9.00	-100.00	0.00044	9.00	-100.00	0.00038
11.00	-100.00	0.00037	13.00	-100.00	0.00036

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

15.00	-100.00	0.00036	17.00	-100.00	0.00035
20.00	-100.00	0.00034	25.00	-100.00	0.00032
30.00	-100.00	0.00030	40.00	-100.00	0.00027
50.00	-100.00	0.00023	60.00	-100.00	0.00020
70.00	-100.00	0.00017	80.00	-100.00	0.00015
90.00	-100.00	0.00013	100.00	-100.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 49

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00050	-90.00	-90.00	0.00052
-80.00	-90.00	0.00053	-70.00	-90.00	0.00055
-60.00	-90.00	0.00055	-50.00	-90.00	0.00055
-40.00	-90.00	0.00055	-30.00	-90.00	0.00054
-25.00	-90.00	0.00053	-20.00	-90.00	0.00052
-17.00	-90.00	0.00051	-15.00	-90.00	0.00051
-13.00	-90.00	0.00050	-11.00	-90.00	0.00049
-9.00	-90.00	0.00049	9.00	-90.00	0.00042
11.00	-90.00	0.00041	13.00	-90.00	0.00040
15.00	-90.00	0.00039	17.00	-90.00	0.00038
20.00	-90.00	0.00037	25.00	-90.00	0.00035
30.00	-90.00	0.00033	40.00	-90.00	0.00029
50.00	-90.00	0.00024	60.00	-90.00	0.00021
70.00	-90.00	0.00018	80.00	-90.00	0.00016
90.00	-90.00	0.00014	100.00	-90.00	0.00012
-100.00	-80.00	0.00054	-90.00	-80.00	0.00056
-80.00	-80.00	0.00058	-70.00	-80.00	0.00060
-60.00	-80.00	0.00061	-50.00	-80.00	0.00062
-40.00	-80.00	0.00061	-30.00	-80.00	0.00060
-25.00	-80.00	0.00059	-20.00	-80.00	0.00058
-17.00	-80.00	0.00057	-15.00	-80.00	0.00057
-13.00	-80.00	0.00056	-11.00	-80.00	0.00055
-9.00	-80.00	0.00054	9.00	-80.00	0.00046
11.00	-80.00	0.00045	13.00	-80.00	0.00044
15.00	-80.00	0.00043	17.00	-80.00	0.00042
20.00	-80.00	0.00041	25.00	-80.00	0.00038
30.00	-80.00	0.00036	40.00	-80.00	0.00031
50.00	-80.00	0.00026	60.00	-80.00	0.00022

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

70.00	-80.00	0.00019	80.00	-80.00	0.00016
90.00	-80.00	0.00014	100.00	-80.00	0.00013
-100.00	-70.00	0.00058	-90.00	-70.00	0.00061
-80.00	-70.00	0.00064	-70.00	-70.00	0.00066
-60.00	-70.00	0.00068	-50.00	-70.00	0.00069
-40.00	-70.00	0.00069	-30.00	-70.00	0.00068
-25.00	-70.00	0.00067	-20.00	-70.00	0.00065
-17.00	-70.00	0.00064	-15.00	-70.00	0.00064
-13.00	-70.00	0.00063	-11.00	-70.00	0.00062
-9.00	-70.00	0.00061	9.00	-70.00	0.00051
11.00	-70.00	0.00050	13.00	-70.00	0.00049
15.00	-70.00	0.00048	17.00	-70.00	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00045	25.00	-70.00	0.00042
30.00	-70.00	0.00039	40.00	-70.00	0.00033
50.00	-70.00	0.00027	60.00	-70.00	0.00023
70.00	-70.00	0.00020	80.00	-70.00	0.00017
90.00	-70.00	0.00015	100.00	-70.00	0.00013
-100.00	-60.00	0.00063	-90.00	-60.00	0.00067
-80.00	-60.00	0.00070	-70.00	-60.00	0.00073
-60.00	-60.00	0.00076	-50.00	-60.00	0.00077
-40.00	-60.00	0.00077	-30.00	-60.00	0.00076
-25.00	-60.00	0.00075	-20.00	-60.00	0.00074
-17.00	-60.00	0.00073	-15.00	-60.00	0.00072
-13.00	-60.00	0.00071	-11.00	-60.00	0.00070
-9.00	-60.00	0.00069	9.00	-60.00	0.00057
11.00	-60.00	0.00056	13.00	-60.00	0.00054
15.00	-60.00	0.00053	17.00	-60.00	0.00052
20.00	-60.00	0.00049	25.00	-60.00	0.00046
30.00	-60.00	0.00042	40.00	-60.00	0.00035
50.00	-60.00	0.00029	60.00	-60.00	0.00024
70.00	-60.00	0.00021	80.00	-60.00	0.00018
90.00	-60.00	0.00016	100.00	-60.00	0.00014
-100.00	-50.00	0.00069	-90.00	-50.00	0.00073
-80.00	-50.00	0.00077	-70.00	-50.00	0.00081

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-60.00	-50.00	0.00085	-50.00	-50.00	0.00087
-40.00	-50.00	0.00088	-30.00	-50.00	0.00087
-25.00	-50.00	0.00086	-20.00	-50.00	0.00085
-17.00	-50.00	0.00083	-15.00	-50.00	0.00082
-13.00	-50.00	0.00081	-11.00	-50.00	0.00080
-9.00	-50.00	0.00079	9.00	-50.00	0.00064
11.00	-50.00	0.00063	13.00	-50.00	0.00061
15.00	-50.00	0.00059	17.00	-50.00	0.00057
20.00	-50.00	0.00055	25.00	-50.00	0.00050
30.00	-50.00	0.00046	40.00	-50.00	0.00037
50.00	-50.00	0.00031	60.00	-50.00	0.00025
70.00	-50.00	0.00022	80.00	-50.00	0.00019
90.00	-50.00	0.00017	100.00	-50.00	0.00015
-100.00	-40.00	0.00075	-90.00	-40.00	0.00080
-80.00	-40.00	0.00085	-70.00	-40.00	0.00090
-60.00	-40.00	0.00095	-50.00	-40.00	0.00099
-40.00	-40.00	0.00101	-30.00	-40.00	0.00100
-25.00	-40.00	0.00099	-20.00	-40.00	0.00098

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00096	-15.00	-40.00	0.00095
-13.00	-40.00	0.00094	-11.00	-40.00	0.00093
-9.00	-40.00	0.00091	9.00	-40.00	0.00073
11.00	-40.00	0.00071	13.00	-40.00	0.00069
15.00	-40.00	0.00066	17.00	-40.00	0.00064
20.00	-40.00	0.00061	25.00	-40.00	0.00055
30.00	-40.00	0.00050	40.00	-40.00	0.00040
50.00	-40.00	0.00032	60.00	-40.00	0.00027
70.00	-40.00	0.00023	80.00	-40.00	0.00020
90.00	-40.00	0.00018	100.00	-40.00	0.00016
-100.00	-30.00	0.00082	-90.00	-30.00	0.00088
-80.00	-30.00	0.00094	-70.00	-30.00	0.00101
-60.00	-30.00	0.00107	-50.00	-30.00	0.00112
-40.00	-30.00	0.00116	-30.00	-30.00	0.00116
-25.00	-30.00	0.00115	-20.00	-30.00	0.00114
-17.00	-30.00	0.00112	-15.00	-30.00	0.00111

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-13.00	-30.00	0.00110	-11.00	-30.00	0.00108
-9.00	-30.00	0.00106	9.00	-30.00	0.00083
11.00	-30.00	0.00081	13.00	-30.00	0.00078
15.00	-30.00	0.00075	17.00	-30.00	0.00072
20.00	-30.00	0.00068	25.00	-30.00	0.00061
30.00	-30.00	0.00054	40.00	-30.00	0.00043
50.00	-30.00	0.00034	60.00	-30.00	0.00028
70.00	-30.00	0.00024	80.00	-30.00	0.00021
90.00	-30.00	0.00019	100.00	-30.00	0.00017
-100.00	-20.00	0.00090	-90.00	-20.00	0.00097
-80.00	-20.00	0.00104	-70.00	-20.00	0.00112
-60.00	-20.00	0.00120	-50.00	-20.00	0.00128
-40.00	-20.00	0.00134	-30.00	-20.00	0.00136
-25.00	-20.00	0.00135	-20.00	-20.00	0.00134
-17.00	-20.00	0.00132	-15.00	-20.00	0.00131
-13.00	-20.00	0.00129	-11.00	-20.00	0.00127
-9.00	-20.00	0.00125	9.00	-20.00	0.00096
11.00	-20.00	0.00092	13.00	-20.00	0.00088
15.00	-20.00	0.00085	17.00	-20.00	0.00081
20.00	-20.00	0.00075	25.00	-20.00	0.00066
30.00	-20.00	0.00058	40.00	-20.00	0.00045
50.00	-20.00	0.00036	60.00	-20.00	0.00030
70.00	-20.00	0.00026	80.00	-20.00	0.00023
90.00	-20.00	0.00020	100.00	-20.00	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00098	-90.00	-10.00	0.00107
-80.00	-10.00	0.00116	-70.00	-10.00	0.00126
-60.00	-10.00	0.00136	-50.00	-10.00	0.00146
-40.00	-10.00	0.00155	-30.00	-10.00	0.00160
-25.00	-10.00	0.00160	-20.00	-10.00	0.00159
-17.00	-10.00	0.00157	-15.00	-10.00	0.00156
-13.00	-10.00	0.00154	-11.00	-10.00	0.00152
-9.00	-10.00	0.00149	9.00	-10.00	0.00111
11.00	-10.00	0.00106	13.00	-10.00	0.00101
15.00	-10.00	0.00096	17.00	-10.00	0.00091

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

20.00	-10.00	0.00084	25.00	-10.00	0.00073
30.00	-10.00	0.00063	40.00	-10.00	0.00049
50.00	-10.00	0.00039	60.00	-10.00	0.00033
70.00	-10.00	0.00028	80.00	-10.00	0.00024
90.00	-10.00	0.00021	100.00	-10.00	0.00019
-100.00	0.00	0.00106	-90.00	0.00	0.00117
-80.00	0.00	0.00129	-70.00	0.00	0.00141
-60.00	0.00	0.00154	-50.00	0.00	0.00167
-40.00	0.00	0.00180	-30.00	0.00	0.00189
-25.00	0.00	0.00191	-20.00	0.00	0.00191
-17.00	0.00	0.00189	-15.00	0.00	0.00188
-13.00	0.00	0.00186	-11.00	0.00	0.00183
-9.00	0.00	0.00180	9.00	0.00	0.00128
11.00	0.00	0.00122	13.00	0.00	0.00115
15.00	0.00	0.00108	17.00	0.00	0.00102
20.00	0.00	0.00092	25.00	0.00	0.00079
30.00	0.00	0.00068	40.00	0.00	0.00052
50.00	0.00	0.00042	60.00	0.00	0.00035
70.00	0.00	0.00030	80.00	0.00	0.00026
90.00	0.00	0.00022	100.00	0.00	0.00019
-100.00	10.00	0.00113	-90.00	10.00	0.00126
-80.00	10.00	0.00142	-70.00	10.00	0.00158
-60.00	10.00	0.00175	-50.00	10.00	0.00192
-40.00	10.00	0.00209	-30.00	10.00	0.00223
-25.00	10.00	0.00228	-20.00	10.00	0.00230
-17.00	10.00	0.00230	-15.00	10.00	0.00229
-13.00	10.00	0.00227	-11.00	10.00	0.00224
-9.00	10.00	0.00220	9.00	10.00	0.00149
11.00	10.00	0.00139	13.00	10.00	0.00130
15.00	10.00	0.00121	17.00	10.00	0.00112

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00101	25.00	10.00	0.00085
30.00	10.00	0.00073	40.00	10.00	0.00056
50.00	10.00	0.00045	60.00	10.00	0.00037
70.00	10.00	0.00032	80.00	10.00	0.00027

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

90.00	10.00	0.00023	100.00	10.00	0.00020
-100.00	20.00	0.00117	-90.00	20.00	0.00133
-80.00	20.00	0.00151	-70.00	20.00	0.00172
-60.00	20.00	0.00196	-50.00	20.00	0.00220
-40.00	20.00	0.00244	-30.00	20.00	0.00264
-25.00	20.00	0.00273	-20.00	20.00	0.00279
-17.00	20.00	0.00280	-15.00	20.00	0.00280
-13.00	20.00	0.00279	-11.00	20.00	0.00277
-9.00	20.00	0.00273	9.00	20.00	0.00171
11.00	20.00	0.00158	13.00	20.00	0.00145
15.00	20.00	0.00133	17.00	20.00	0.00123
20.00	20.00	0.00110	25.00	20.00	0.00092
30.00	20.00	0.00079	40.00	20.00	0.00061
50.00	20.00	0.00048	60.00	20.00	0.00040
70.00	20.00	0.00033	80.00	20.00	0.00028
90.00	20.00	0.00024	100.00	20.00	0.00021
-100.00	30.00	0.00118	-90.00	30.00	0.00136
-80.00	30.00	0.00157	-70.00	30.00	0.00182
-60.00	30.00	0.00211	-50.00	30.00	0.00244
-40.00	30.00	0.00279	-30.00	30.00	0.00313
-25.00	30.00	0.00327	-20.00	30.00	0.00337
-17.00	30.00	0.00343	-15.00	30.00	0.00345
-13.00	30.00	0.00347	-11.00	30.00	0.00346
-9.00	30.00	0.00344	9.00	30.00	0.00193
11.00	30.00	0.00175	13.00	30.00	0.00159
15.00	30.00	0.00145	17.00	30.00	0.00134
20.00	30.00	0.00119	25.00	30.00	0.00099
30.00	30.00	0.00084	40.00	30.00	0.00064
50.00	30.00	0.00051	60.00	30.00	0.00042
70.00	30.00	0.00035	80.00	30.00	0.00029
90.00	30.00	0.00025	100.00	30.00	0.00021
-100.00	40.00	0.00118	-90.00	40.00	0.00136
-80.00	40.00	0.00159	-70.00	40.00	0.00186
-60.00	40.00	0.00218	-50.00	40.00	0.00257
-40.00	40.00	0.00301	-30.00	40.00	0.00349
-25.00	40.00	0.00374	-20.00	40.00	0.00399

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

05NCRA_NAPA01-300_DPM_TRAV ANN N-S Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00414	-15.00	40.00	0.00423
-13.00	40.00	0.00432	-11.00	40.00	0.00442
-9.00	40.00	0.00450	9.00	40.00	0.00213
11.00	40.00	0.00191	13.00	40.00	0.00172
15.00	40.00	0.00157	17.00	40.00	0.00143
20.00	40.00	0.00127	25.00	40.00	0.00105
30.00	40.00	0.00090	40.00	40.00	0.00068
50.00	40.00	0.00054	60.00	40.00	0.00044
70.00	40.00	0.00037	80.00	40.00	0.00031
90.00	40.00	0.00026	100.00	40.00	0.00022
-100.00	50.00	0.00114	-90.00	50.00	0.00134
-80.00	50.00	0.00157	-70.00	50.00	0.00185
-60.00	50.00	0.00219	-50.00	50.00	0.00260
-40.00	50.00	0.00308	-30.00	50.00	0.00363
-25.00	50.00	0.00392	-20.00	50.00	0.00423
-17.00	50.00	0.00443	-15.00	50.00	0.00458
-13.00	50.00	0.00474	-11.00	50.00	0.00494
-9.00	50.00	0.00520	9.00	50.00	0.00250
11.00	50.00	0.00219	13.00	50.00	0.00195
15.00	50.00	0.00177	17.00	50.00	0.00161
20.00	50.00	0.00142	25.00	50.00	0.00117
30.00	50.00	0.00100	40.00	50.00	0.00076
50.00	50.00	0.00060	60.00	50.00	0.00049
70.00	50.00	0.00040	80.00	50.00	0.00033
90.00	50.00	0.00028	100.00	50.00	0.00024
-100.00	60.00	0.00109	-90.00	60.00	0.00128
-80.00	60.00	0.00151	-70.00	60.00	0.00180
-60.00	60.00	0.00214	-50.00	60.00	0.00256
-40.00	60.00	0.00305	-30.00	60.00	0.00362
-25.00	60.00	0.00393	-20.00	60.00	0.00427
-17.00	60.00	0.00451	-15.00	60.00	0.00468
-13.00	60.00	0.00488	-11.00	60.00	0.00515
-9.00	60.00	0.00555	9.00	60.00	0.00348
11.00	60.00	0.00294	13.00	60.00	0.00255
15.00	60.00	0.00224	17.00	60.00	0.00200
20.00	60.00	0.00171	25.00	60.00	0.00138
30.00	60.00	0.00116	40.00	60.00	0.00086
50.00	60.00	0.00067	60.00	60.00	0.00054
70.00	60.00	0.00044	80.00	60.00	0.00036
90.00	60.00	0.00030	100.00	60.00	0.00025

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00101	-90.00	70.00	0.00120
-80.00	70.00	0.00142	-70.00	70.00	0.00170
-60.00	70.00	0.00204	-50.00	70.00	0.00246
-40.00	70.00	0.00295	-30.00	70.00	0.00354
-25.00	70.00	0.00387	-20.00	70.00	0.00426
-17.00	70.00	0.00455	-15.00	70.00	0.00479
-13.00	70.00	0.00511	-11.00	70.00	0.00554
-9.00	70.00	0.00618	9.00	70.00	0.00450
11.00	70.00	0.00380	13.00	70.00	0.00327
15.00	70.00	0.00286	17.00	70.00	0.00253
20.00	70.00	0.00214	25.00	70.00	0.00168
30.00	70.00	0.00137	40.00	70.00	0.00099
50.00	70.00	0.00076	60.00	70.00	0.00059
70.00	70.00	0.00048	80.00	70.00	0.00039
90.00	70.00	0.00032	100.00	70.00	0.00027
-100.00	80.00	0.00091	-90.00	80.00	0.00109
-80.00	80.00	0.00130	-70.00	80.00	0.00157
-60.00	80.00	0.00190	-50.00	80.00	0.00231
-40.00	80.00	0.00280	-30.00	80.00	0.00340
-25.00	80.00	0.00376	-20.00	80.00	0.00424
-17.00	80.00	0.00463	-15.00	80.00	0.00498
-13.00	80.00	0.00543	-11.00	80.00	0.00602
-9.00	80.00	0.00682	9.00	80.00	0.00530
11.00	80.00	0.00451	13.00	80.00	0.00390
15.00	80.00	0.00342	17.00	80.00	0.00303
20.00	80.00	0.00256	25.00	80.00	0.00201
30.00	80.00	0.00163	40.00	80.00	0.00114
50.00	80.00	0.00085	60.00	80.00	0.00065
70.00	80.00	0.00052	80.00	80.00	0.00042
90.00	80.00	0.00035	100.00	80.00	0.00030
-100.00	90.00	0.00081	-90.00	90.00	0.00096
-80.00	90.00	0.00116	-70.00	90.00	0.00141
-60.00	90.00	0.00172	-50.00	90.00	0.00211
-40.00	90.00	0.00259	-30.00	90.00	0.00320
-25.00	90.00	0.00361	-20.00	90.00	0.00420
-17.00	90.00	0.00470	-15.00	90.00	0.00514

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-13.00	90.00	0.00568	-11.00	90.00	0.00637
-9.00	90.00	0.00727	9.00	90.00	0.00587
11.00	90.00	0.00504	13.00	90.00	0.00440
15.00	90.00	0.00388	17.00	90.00	0.00345

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00294	25.00	90.00	0.00232
30.00	90.00	0.00188	40.00	90.00	0.00131
50.00	90.00	0.00095	60.00	90.00	0.00072
70.00	90.00	0.00057	80.00	90.00	0.00046
90.00	90.00	0.00038	100.00	90.00	0.00032
-100.00	100.00	0.00071	-90.00	100.00	0.00084
-80.00	100.00	0.00100	-70.00	100.00	0.00121
-60.00	100.00	0.00149	-50.00	100.00	0.00185
-40.00	100.00	0.00231	-30.00	100.00	0.00295
-25.00	100.00	0.00342	-20.00	100.00	0.00410
-17.00	100.00	0.00468	-15.00	100.00	0.00517
-13.00	100.00	0.00577	-11.00	100.00	0.00652
-9.00	100.00	0.00747	9.00	100.00	0.00625
11.00	100.00	0.00541	13.00	100.00	0.00476
15.00	100.00	0.00423	17.00	100.00	0.00379
20.00	100.00	0.00325	25.00	100.00	0.00258
30.00	100.00	0.00210	40.00	100.00	0.00146
50.00	100.00	0.00106	60.00	100.00	0.00080
70.00	100.00	0.00062	80.00	100.00	0.00050
90.00	100.00	0.00041	100.00	100.00	0.00034
-100.00	110.00	0.00062	-90.00	110.00	0.00073
-80.00	110.00	0.00086	-70.00	110.00	0.00102
-60.00	110.00	0.00124	-50.00	110.00	0.00154
-40.00	110.00	0.00197	-30.00	110.00	0.00263
-25.00	110.00	0.00314	-20.00	110.00	0.00387
-17.00	110.00	0.00449	-15.00	110.00	0.00501
-13.00	110.00	0.00564	-11.00	110.00	0.00643
-9.00	110.00	0.00741	9.00	110.00	0.00647
11.00	110.00	0.00565	13.00	110.00	0.00501
15.00	110.00	0.00449	17.00	110.00	0.00405

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

20.00	110.00	0.00349	25.00	110.00	0.00279
30.00	110.00	0.00228	40.00	110.00	0.00159
50.00	110.00	0.00117	60.00	110.00	0.00088
70.00	110.00	0.00068	80.00	110.00	0.00054
90.00	110.00	0.00044	100.00	110.00	0.00037
-100.00	120.00	0.00055	-90.00	120.00	0.00063
-80.00	120.00	0.00074	-70.00	120.00	0.00087
-60.00	120.00	0.00104	-50.00	120.00	0.00126
-40.00	120.00	0.00161	-30.00	120.00	0.00222
-25.00	120.00	0.00274	-20.00	120.00	0.00350

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00413	-15.00	120.00	0.00465
-13.00	120.00	0.00529	-11.00	120.00	0.00607
-9.00	120.00	0.00705	9.00	120.00	0.00659
11.00	120.00	0.00580	13.00	120.00	0.00517
15.00	120.00	0.00466	17.00	120.00	0.00423
20.00	120.00	0.00367	25.00	120.00	0.00295
30.00	120.00	0.00243	40.00	120.00	0.00171
50.00	120.00	0.00126	60.00	120.00	0.00096
70.00	120.00	0.00074	80.00	120.00	0.00059
90.00	120.00	0.00048	100.00	120.00	0.00039
-100.00	130.00	0.00049	-90.00	130.00	0.00056
-80.00	130.00	0.00064	-70.00	130.00	0.00075
-60.00	130.00	0.00089	-50.00	130.00	0.00107
-40.00	130.00	0.00137	-30.00	130.00	0.00191
-25.00	130.00	0.00236	-20.00	130.00	0.00303
-17.00	130.00	0.00359	-15.00	130.00	0.00407
-13.00	130.00	0.00464	-11.00	130.00	0.00536
-9.00	130.00	0.00627	9.00	130.00	0.00665
11.00	130.00	0.00589	13.00	130.00	0.00527
15.00	130.00	0.00477	17.00	130.00	0.00434
20.00	130.00	0.00380	25.00	130.00	0.00308
30.00	130.00	0.00254	40.00	130.00	0.00181
50.00	130.00	0.00134	60.00	130.00	0.00102
70.00	130.00	0.00079	80.00	130.00	0.00063

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

90.00	130.00	0.00051	100.00	130.00	0.00042
-100.00	140.00	0.00044	-90.00	140.00	0.00050
-80.00	140.00	0.00057	-70.00	140.00	0.00066
-60.00	140.00	0.00078	-50.00	140.00	0.00096
-40.00	140.00	0.00125	-30.00	140.00	0.00179
-25.00	140.00	0.00223	-20.00	140.00	0.00288
-17.00	140.00	0.00341	-15.00	140.00	0.00384
-13.00	140.00	0.00435	-11.00	140.00	0.00497
-9.00	140.00	0.00573	9.00	140.00	0.00644
11.00	140.00	0.00578	13.00	140.00	0.00522
15.00	140.00	0.00474	17.00	140.00	0.00433
20.00	140.00	0.00381	25.00	140.00	0.00311
30.00	140.00	0.00258	40.00	140.00	0.00185
50.00	140.00	0.00138	60.00	140.00	0.00105
70.00	140.00	0.00083	80.00	140.00	0.00066
90.00	140.00	0.00053	100.00	140.00	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00040	-90.00	150.00	0.00045
-80.00	150.00	0.00051	-70.00	150.00	0.00060
-60.00	150.00	0.00072	-50.00	150.00	0.00089
-40.00	150.00	0.00120	-30.00	150.00	0.00176
-25.00	150.00	0.00221	-20.00	150.00	0.00285
-17.00	150.00	0.00337	-15.00	150.00	0.00379
-13.00	150.00	0.00428	-11.00	150.00	0.00484
-9.00	150.00	0.00546	9.00	150.00	0.00552
11.00	150.00	0.00511	13.00	150.00	0.00472
15.00	150.00	0.00437	17.00	150.00	0.00405
20.00	150.00	0.00361	25.00	150.00	0.00302
30.00	150.00	0.00254	40.00	150.00	0.00184
50.00	150.00	0.00138	60.00	150.00	0.00107
70.00	150.00	0.00084	80.00	150.00	0.00068
90.00	150.00	0.00055	100.00	150.00	0.00045
-100.00	160.00	0.00037	-90.00	160.00	0.00041
-80.00	160.00	0.00047	-70.00	160.00	0.00056
-60.00	160.00	0.00067	-50.00	160.00	0.00086

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-40.00	160.00	0.00117	-30.00	160.00	0.00174
-25.00	160.00	0.00219	-20.00	160.00	0.00281
-17.00	160.00	0.00329	-15.00	160.00	0.00364
-13.00	160.00	0.00402	-11.00	160.00	0.00441
-9.00	160.00	0.00479	9.00	160.00	0.00454
11.00	160.00	0.00429	13.00	160.00	0.00404
15.00	160.00	0.00380	17.00	160.00	0.00357
20.00	160.00	0.00326	25.00	160.00	0.00279
30.00	160.00	0.00240	40.00	160.00	0.00180
50.00	160.00	0.00137	60.00	160.00	0.00107
70.00	160.00	0.00085	80.00	160.00	0.00069
90.00	160.00	0.00056	100.00	160.00	0.00046
-100.00	170.00	0.00034	-90.00	170.00	0.00039
-80.00	170.00	0.00044	-70.00	170.00	0.00052
-60.00	170.00	0.00064	-50.00	170.00	0.00083
-40.00	170.00	0.00115	-30.00	170.00	0.00172
-25.00	170.00	0.00215	-20.00	170.00	0.00269
-17.00	170.00	0.00306	-15.00	170.00	0.00332
-13.00	170.00	0.00358	-11.00	170.00	0.00382
-9.00	170.00	0.00403	9.00	170.00	0.00372
11.00	170.00	0.00356	13.00	170.00	0.00341
15.00	170.00	0.00325	17.00	170.00	0.00309

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 16:57:07 *** Maximum train overlap at North/South Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00286	25.00	170.00	0.00251
30.00	170.00	0.00220	40.00	170.00	0.00171
50.00	170.00	0.00133	60.00	170.00	0.00105
70.00	170.00	0.00085	80.00	170.00	0.00069
90.00	170.00	0.00057	100.00	170.00	0.00047
-100.00	180.00	0.00032	-90.00	180.00	0.00036
-80.00	180.00	0.00042	-70.00	180.00	0.00050
-60.00	180.00	0.00062	-50.00	180.00	0.00082
-40.00	180.00	0.00114	-30.00	180.00	0.00168
-25.00	180.00	0.00205	-20.00	180.00	0.00249
-17.00	180.00	0.00276	-15.00	180.00	0.00293
-13.00	180.00	0.00310	-11.00	180.00	0.00324

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-9.00	180.00	0.00336	9.00	180.00	0.00307
11.00	180.00	0.00297	13.00	180.00	0.00286
15.00	180.00	0.00276	17.00	180.00	0.00265
20.00	180.00	0.00249	25.00	180.00	0.00223
30.00	180.00	0.00199	40.00	180.00	0.00158
50.00	180.00	0.00127	60.00	180.00	0.00102
70.00	180.00	0.00083	80.00	180.00	0.00068
90.00	180.00	0.00057	100.00	180.00	0.00048
-100.00	190.00	0.00030	-90.00	190.00	0.00034
-80.00	190.00	0.00040	-70.00	190.00	0.00048
-60.00	190.00	0.00060	-50.00	190.00	0.00081
-40.00	190.00	0.00113	-30.00	190.00	0.00161
-25.00	190.00	0.00192	-20.00	190.00	0.00224
-17.00	190.00	0.00243	-15.00	190.00	0.00255
-13.00	190.00	0.00265	-11.00	190.00	0.00274
-9.00	190.00	0.00281	9.00	190.00	0.00257
11.00	190.00	0.00249	13.00	190.00	0.00242
15.00	190.00	0.00235	17.00	190.00	0.00227
20.00	190.00	0.00216	25.00	190.00	0.00197
30.00	190.00	0.00179	40.00	190.00	0.00145
50.00	190.00	0.00119	60.00	190.00	0.00098
70.00	190.00	0.00081	80.00	190.00	0.00067
90.00	190.00	0.00057	100.00	190.00	0.00048
-100.00	200.00	0.00028	-90.00	200.00	0.00032
-80.00	200.00	0.00038	-70.00	200.00	0.00047
-60.00	200.00	0.00060	-50.00	200.00	0.00080
-40.00	200.00	0.00110	-30.00	200.00	0.00152
-25.00	200.00	0.00176	-20.00	200.00	0.00200

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00213	-15.00	200.00	0.00221
-13.00	200.00	0.00228	-11.00	200.00	0.00233
-9.00	200.00	0.00237	9.00	200.00	0.00217
11.00	200.00	0.00212	13.00	200.00	0.00206
15.00	200.00	0.00201	17.00	200.00	0.00196
20.00	200.00	0.00187	25.00	200.00	0.00174

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

30.00	200.00	0.00160	40.00	200.00	0.00133
50.00	200.00	0.00110	60.00	200.00	0.00092
70.00	200.00	0.00077	80.00	200.00	0.00065
90.00	200.00	0.00056	100.00	200.00	0.00047
-100.00	210.00	0.00027	-90.00	210.00	0.00031
-80.00	210.00	0.00037	-70.00	210.00	0.00046
-60.00	210.00	0.00059	-50.00	210.00	0.00078
-40.00	210.00	0.00106	-30.00	210.00	0.00141
-25.00	210.00	0.00160	-20.00	210.00	0.00178
-17.00	210.00	0.00187	-15.00	210.00	0.00192
-13.00	210.00	0.00196	-11.00	210.00	0.00200
-9.00	210.00	0.00202	9.00	210.00	0.00186
11.00	210.00	0.00182	13.00	210.00	0.00178
15.00	210.00	0.00174	17.00	210.00	0.00170
20.00	210.00	0.00163	25.00	210.00	0.00153
30.00	210.00	0.00143	40.00	210.00	0.00122
50.00	210.00	0.00102	60.00	210.00	0.00086
70.00	210.00	0.00073	80.00	210.00	0.00063
90.00	210.00	0.00054	100.00	210.00	0.00047
-100.00	220.00	0.00026	-90.00	220.00	0.00030
-80.00	220.00	0.00036	-70.00	220.00	0.00045
-60.00	220.00	0.00058	-50.00	220.00	0.00077
-40.00	220.00	0.00101	-30.00	220.00	0.00130
-25.00	220.00	0.00145	-20.00	220.00	0.00158
-17.00	220.00	0.00164	-15.00	220.00	0.00168
-13.00	220.00	0.00171	-11.00	220.00	0.00173
-9.00	220.00	0.00174	9.00	220.00	0.00161
11.00	220.00	0.00158	13.00	220.00	0.00154
15.00	220.00	0.00151	17.00	220.00	0.00148
20.00	220.00	0.00143	25.00	220.00	0.00135
30.00	220.00	0.00127	40.00	220.00	0.00111
50.00	220.00	0.00095	60.00	220.00	0.00081
70.00	220.00	0.00069	80.00	220.00	0.00060
90.00	220.00	0.00052	100.00	220.00	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

----- X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC -----

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-100.00	230.00	0.00025	-90.00	230.00	0.00030
-80.00	230.00	0.00036	-70.00	230.00	0.00045
-60.00	230.00	0.00058	-50.00	230.00	0.00075
-40.00	230.00	0.00096	-30.00	230.00	0.00119
-25.00	230.00	0.00130	-20.00	230.00	0.00140
-17.00	230.00	0.00145	-15.00	230.00	0.00147
-13.00	230.00	0.00149	-11.00	230.00	0.00151
-9.00	230.00	0.00152	9.00	230.00	0.00140
11.00	230.00	0.00138	13.00	230.00	0.00135
15.00	230.00	0.00133	17.00	230.00	0.00130
20.00	230.00	0.00127	25.00	230.00	0.00120
30.00	230.00	0.00114	40.00	230.00	0.00101
50.00	230.00	0.00088	60.00	230.00	0.00076
70.00	230.00	0.00065	80.00	230.00	0.00057
90.00	230.00	0.00050	100.00	230.00	0.00044
-100.00	240.00	0.00025	-90.00	240.00	0.00029
-80.00	240.00	0.00036	-70.00	240.00	0.00044
-60.00	240.00	0.00057	-50.00	240.00	0.00072
-40.00	240.00	0.00090	-30.00	240.00	0.00109
-25.00	240.00	0.00118	-20.00	240.00	0.00125
-17.00	240.00	0.00128	-15.00	240.00	0.00130
-13.00	240.00	0.00131	-11.00	240.00	0.00132
-9.00	240.00	0.00133	9.00	240.00	0.00124
11.00	240.00	0.00122	13.00	240.00	0.00120
15.00	240.00	0.00118	17.00	240.00	0.00116
20.00	240.00	0.00112	25.00	240.00	0.00107
30.00	240.00	0.00102	40.00	240.00	0.00092
50.00	240.00	0.00081	60.00	240.00	0.00071
70.00	240.00	0.00062	80.00	240.00	0.00054
90.00	240.00	0.00047	100.00	240.00	0.00042
-100.00	250.00	0.00024	-90.00	250.00	0.00029
-80.00	250.00	0.00035	-70.00	250.00	0.00044
-60.00	250.00	0.00055	-50.00	250.00	0.00069
-40.00	250.00	0.00084	-30.00	250.00	0.00100
-25.00	250.00	0.00106	-20.00	250.00	0.00112
-17.00	250.00	0.00114	-15.00	250.00	0.00116
-13.00	250.00	0.00117	-11.00	250.00	0.00117
-9.00	250.00	0.00118	9.00	250.00	0.00110
11.00	250.00	0.00108	13.00	250.00	0.00106
15.00	250.00	0.00105	17.00	250.00	0.00103

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07
**MODELOPTs:
PAGE 62

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	250.00	0.00101	25.00	250.00	0.00096	
30.00	250.00	0.00092	40.00	250.00	0.00084	
50.00	250.00	0.00075	60.00	250.00	0.00066	
70.00	250.00	0.00058	80.00	250.00	0.00051	
90.00	250.00	0.00045	100.00	250.00	0.00040	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 63
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	-250.00	0.00030	-90.00	-250.00	0.00030	
-80.00	-250.00	0.00030	-70.00	-250.00	0.00030	
-60.00	-250.00	0.00030	-50.00	-250.00	0.00030	
-40.00	-250.00	0.00029	-30.00	-250.00	0.00028	
-25.00	-250.00	0.00028	-20.00	-250.00	0.00027	
-17.00	-250.00	0.00027	-15.00	-250.00	0.00027	
-13.00	-250.00	0.00026	-11.00	-250.00	0.00026	
-9.00	-250.00	0.00026	9.00	-250.00	0.00023	
11.00	-250.00	0.00023	13.00	-250.00	0.00022	
15.00	-250.00	0.00022	17.00	-250.00	0.00022	
20.00	-250.00	0.00021	25.00	-250.00	0.00021	
30.00	-250.00	0.00020	40.00	-250.00	0.00018	
50.00	-250.00	0.00017	60.00	-250.00	0.00015	
70.00	-250.00	0.00013	80.00	-250.00	0.00012	
90.00	-250.00	0.00011	100.00	-250.00	0.00010	
-100.00	-240.00	0.00032	-90.00	-240.00	0.00032	
-80.00	-240.00	0.00032	-70.00	-240.00	0.00032	
-60.00	-240.00	0.00032	-50.00	-240.00	0.00032	
-40.00	-240.00	0.00031	-30.00	-240.00	0.00031	
-25.00	-240.00	0.00030	-20.00	-240.00	0.00030	
-17.00	-240.00	0.00029	-15.00	-240.00	0.00029	
-13.00	-240.00	0.00029	-11.00	-240.00	0.00028	
-9.00	-240.00	0.00028	9.00	-240.00	0.00025	

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

11.00	-240.00	0.00025	13.00	-240.00	0.00024
15.00	-240.00	0.00024	17.00	-240.00	0.00023
20.00	-240.00	0.00023	25.00	-240.00	0.00022
30.00	-240.00	0.00021	40.00	-240.00	0.00019
50.00	-240.00	0.00017	60.00	-240.00	0.00016
70.00	-240.00	0.00014	80.00	-240.00	0.00012
90.00	-240.00	0.00011	100.00	-240.00	0.00010
-100.00	-230.00	0.00034	-90.00	-230.00	0.00035
-80.00	-230.00	0.00035	-70.00	-230.00	0.00035
-60.00	-230.00	0.00035	-50.00	-230.00	0.00035
-40.00	-230.00	0.00034	-30.00	-230.00	0.00033
-25.00	-230.00	0.00033	-20.00	-230.00	0.00032
-17.00	-230.00	0.00032	-15.00	-230.00	0.00031
-13.00	-230.00	0.00031	-11.00	-230.00	0.00031
-9.00	-230.00	0.00030	9.00	-230.00	0.00027
11.00	-230.00	0.00026	13.00	-230.00	0.00026
15.00	-230.00	0.00026	17.00	-230.00	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 64

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00025	25.00	-230.00	0.00024
30.00	-230.00	0.00023	40.00	-230.00	0.00021
50.00	-230.00	0.00018	60.00	-230.00	0.00016
70.00	-230.00	0.00015	80.00	-230.00	0.00013
90.00	-230.00	0.00011	100.00	-230.00	0.00010
-100.00	-220.00	0.00037	-90.00	-220.00	0.00037
-80.00	-220.00	0.00038	-70.00	-220.00	0.00038
-60.00	-220.00	0.00038	-50.00	-220.00	0.00038
-40.00	-220.00	0.00037	-30.00	-220.00	0.00036
-25.00	-220.00	0.00036	-20.00	-220.00	0.00035
-17.00	-220.00	0.00035	-15.00	-220.00	0.00034
-13.00	-220.00	0.00034	-11.00	-220.00	0.00033
-9.00	-220.00	0.00033	9.00	-220.00	0.00029
11.00	-220.00	0.00029	13.00	-220.00	0.00028
15.00	-220.00	0.00028	17.00	-220.00	0.00027
20.00	-220.00	0.00027	25.00	-220.00	0.00025
30.00	-220.00	0.00024	40.00	-220.00	0.00022

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

50.00	-220.00	0.00020	60.00	-220.00	0.00017
70.00	-220.00	0.00015	80.00	-220.00	0.00013
90.00	-220.00	0.00012	100.00	-220.00	0.00011
-100.00	-210.00	0.00040	-90.00	-210.00	0.00041
-80.00	-210.00	0.00041	-70.00	-210.00	0.00042
-60.00	-210.00	0.00042	-50.00	-210.00	0.00041
-40.00	-210.00	0.00041	-30.00	-210.00	0.00040
-25.00	-210.00	0.00039	-20.00	-210.00	0.00038
-17.00	-210.00	0.00038	-15.00	-210.00	0.00037
-13.00	-210.00	0.00037	-11.00	-210.00	0.00037
-9.00	-210.00	0.00036	9.00	-210.00	0.00032
11.00	-210.00	0.00031	13.00	-210.00	0.00031
15.00	-210.00	0.00030	17.00	-210.00	0.00030
20.00	-210.00	0.00029	25.00	-210.00	0.00027
30.00	-210.00	0.00026	40.00	-210.00	0.00023
50.00	-210.00	0.00021	60.00	-210.00	0.00018
70.00	-210.00	0.00016	80.00	-210.00	0.00014
90.00	-210.00	0.00012	100.00	-210.00	0.00011
-100.00	-200.00	0.00043	-90.00	-200.00	0.00044
-80.00	-200.00	0.00045	-70.00	-200.00	0.00045
-60.00	-200.00	0.00046	-50.00	-200.00	0.00045
-40.00	-200.00	0.00045	-30.00	-200.00	0.00044
-25.00	-200.00	0.00043	-20.00	-200.00	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
 PAGE 65

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00042	-15.00	-200.00	0.00041
-13.00	-200.00	0.00041	-11.00	-200.00	0.00040
-9.00	-200.00	0.00040	9.00	-200.00	0.00034
11.00	-200.00	0.00034	13.00	-200.00	0.00033
15.00	-200.00	0.00033	17.00	-200.00	0.00032
20.00	-200.00	0.00031	25.00	-200.00	0.00030
30.00	-200.00	0.00028	40.00	-200.00	0.00025
50.00	-200.00	0.00022	60.00	-200.00	0.00019
70.00	-200.00	0.00017	80.00	-200.00	0.00014
90.00	-200.00	0.00013	100.00	-200.00	0.00011
-100.00	-190.00	0.00046	-90.00	-190.00	0.00048

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-80.00	-190.00	0.00049	-70.00	-190.00	0.00050
-60.00	-190.00	0.00050	-50.00	-190.00	0.00050
-40.00	-190.00	0.00049	-30.00	-190.00	0.00048
-25.00	-190.00	0.00048	-20.00	-190.00	0.00047
-17.00	-190.00	0.00046	-15.00	-190.00	0.00045
-13.00	-190.00	0.00045	-11.00	-190.00	0.00044
-9.00	-190.00	0.00044	9.00	-190.00	0.00038
11.00	-190.00	0.00037	13.00	-190.00	0.00036
15.00	-190.00	0.00036	17.00	-190.00	0.00035
20.00	-190.00	0.00034	25.00	-190.00	0.00032
30.00	-190.00	0.00030	40.00	-190.00	0.00027
50.00	-190.00	0.00023	60.00	-190.00	0.00020
70.00	-190.00	0.00017	80.00	-190.00	0.00015
90.00	-190.00	0.00013	100.00	-190.00	0.00012
-100.00	-180.00	0.00050	-90.00	-180.00	0.00052
-80.00	-180.00	0.00053	-70.00	-180.00	0.00055
-60.00	-180.00	0.00055	-50.00	-180.00	0.00055
-40.00	-180.00	0.00055	-30.00	-180.00	0.00054
-25.00	-180.00	0.00053	-20.00	-180.00	0.00052
-17.00	-180.00	0.00051	-15.00	-180.00	0.00051
-13.00	-180.00	0.00050	-11.00	-180.00	0.00049
-9.00	-180.00	0.00049	9.00	-180.00	0.00042
11.00	-180.00	0.00041	13.00	-180.00	0.00040
15.00	-180.00	0.00039	17.00	-180.00	0.00038
20.00	-180.00	0.00037	25.00	-180.00	0.00035
30.00	-180.00	0.00033	40.00	-180.00	0.00029
50.00	-180.00	0.00024	60.00	-180.00	0.00021
70.00	-180.00	0.00018	80.00	-180.00	0.00016
90.00	-180.00	0.00014	100.00	-180.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
 PAGE 66
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00054	-90.00	-170.00	0.00056
-80.00	-170.00	0.00058	-70.00	-170.00	0.00060
-60.00	-170.00	0.00061	-50.00	-170.00	0.00062
-40.00	-170.00	0.00061	-30.00	-170.00	0.00060
-25.00	-170.00	0.00059	-20.00	-170.00	0.00058

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-17.00	-170.00	0.00057	-15.00	-170.00	0.00057
-13.00	-170.00	0.00056	-11.00	-170.00	0.00055
-9.00	-170.00	0.00054	9.00	-170.00	0.00046
11.00	-170.00	0.00045	13.00	-170.00	0.00044
15.00	-170.00	0.00043	17.00	-170.00	0.00042
20.00	-170.00	0.00041	25.00	-170.00	0.00038
30.00	-170.00	0.00036	40.00	-170.00	0.00031
50.00	-170.00	0.00026	60.00	-170.00	0.00022
70.00	-170.00	0.00019	80.00	-170.00	0.00016
90.00	-170.00	0.00014	100.00	-170.00	0.00013
-100.00	-160.00	0.00058	-90.00	-160.00	0.00061
-80.00	-160.00	0.00064	-70.00	-160.00	0.00066
-60.00	-160.00	0.00068	-50.00	-160.00	0.00069
-40.00	-160.00	0.00069	-30.00	-160.00	0.00068
-25.00	-160.00	0.00067	-20.00	-160.00	0.00065
-17.00	-160.00	0.00064	-15.00	-160.00	0.00064
-13.00	-160.00	0.00063	-11.00	-160.00	0.00062
-9.00	-160.00	0.00061	9.00	-160.00	0.00051
11.00	-160.00	0.00050	13.00	-160.00	0.00049
15.00	-160.00	0.00048	17.00	-160.00	0.00046
20.00	-160.00	0.00045	25.00	-160.00	0.00042
30.00	-160.00	0.00039	40.00	-160.00	0.00033
50.00	-160.00	0.00027	60.00	-160.00	0.00023
70.00	-160.00	0.00020	80.00	-160.00	0.00017
90.00	-160.00	0.00015	100.00	-160.00	0.00013
-100.00	-150.00	0.00063	-90.00	-150.00	0.00067
-80.00	-150.00	0.00070	-70.00	-150.00	0.00073
-60.00	-150.00	0.00076	-50.00	-150.00	0.00077
-40.00	-150.00	0.00077	-30.00	-150.00	0.00076
-25.00	-150.00	0.00075	-20.00	-150.00	0.00074
-17.00	-150.00	0.00073	-15.00	-150.00	0.00072
-13.00	-150.00	0.00071	-11.00	-150.00	0.00070
-9.00	-150.00	0.00069	9.00	-150.00	0.00057
11.00	-150.00	0.00056	13.00	-150.00	0.00054
15.00	-150.00	0.00053	17.00	-150.00	0.00052

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***
 16:57:07
 **MODELOPTs:
 PAGE 67
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

		05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound				
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	-150.00	0.00049	25.00	-150.00	0.00046	
30.00	-150.00	0.00042	40.00	-150.00	0.00035	
50.00	-150.00	0.00029	60.00	-150.00	0.00024	
70.00	-150.00	0.00021	80.00	-150.00	0.00018	
90.00	-150.00	0.00016	100.00	-150.00	0.00014	
-100.00	-140.00	0.00069	-90.00	-140.00	0.00073	
-80.00	-140.00	0.00077	-70.00	-140.00	0.00081	
-60.00	-140.00	0.00085	-50.00	-140.00	0.00087	
-40.00	-140.00	0.00088	-30.00	-140.00	0.00087	
-25.00	-140.00	0.00086	-20.00	-140.00	0.00085	
-17.00	-140.00	0.00083	-15.00	-140.00	0.00082	
-13.00	-140.00	0.00081	-11.00	-140.00	0.00080	
-9.00	-140.00	0.00079	9.00	-140.00	0.00064	
11.00	-140.00	0.00063	13.00	-140.00	0.00061	
15.00	-140.00	0.00059	17.00	-140.00	0.00057	
20.00	-140.00	0.00055	25.00	-140.00	0.00050	
30.00	-140.00	0.00046	40.00	-140.00	0.00037	
50.00	-140.00	0.00031	60.00	-140.00	0.00025	
70.00	-140.00	0.00022	80.00	-140.00	0.00019	
90.00	-140.00	0.00017	100.00	-140.00	0.00015	
-100.00	-130.00	0.00075	-90.00	-130.00	0.00080	
-80.00	-130.00	0.00085	-70.00	-130.00	0.00090	
-60.00	-130.00	0.00095	-50.00	-130.00	0.00099	
-40.00	-130.00	0.00101	-30.00	-130.00	0.00100	
-25.00	-130.00	0.00099	-20.00	-130.00	0.00098	
-17.00	-130.00	0.00096	-15.00	-130.00	0.00095	
-13.00	-130.00	0.00094	-11.00	-130.00	0.00093	
-9.00	-130.00	0.00091	9.00	-130.00	0.00073	
11.00	-130.00	0.00071	13.00	-130.00	0.00069	
15.00	-130.00	0.00066	17.00	-130.00	0.00064	
20.00	-130.00	0.00061	25.00	-130.00	0.00055	
30.00	-130.00	0.00050	40.00	-130.00	0.00040	
50.00	-130.00	0.00032	60.00	-130.00	0.00027	
70.00	-130.00	0.00023	80.00	-130.00	0.00020	
90.00	-130.00	0.00018	100.00	-130.00	0.00016	
-100.00	-120.00	0.00082	-90.00	-120.00	0.00088	
-80.00	-120.00	0.00094	-70.00	-120.00	0.00101	
-60.00	-120.00	0.00107	-50.00	-120.00	0.00112	
-40.00	-120.00	0.00116	-30.00	-120.00	0.00116	
-25.00	-120.00	0.00115	-20.00	-120.00	0.00114	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00112	-15.00	-120.00	0.00111
-13.00	-120.00	0.00110	-11.00	-120.00	0.00108
-9.00	-120.00	0.00106	9.00	-120.00	0.00083
11.00	-120.00	0.00081	13.00	-120.00	0.00078
15.00	-120.00	0.00075	17.00	-120.00	0.00072
20.00	-120.00	0.00068	25.00	-120.00	0.00061
30.00	-120.00	0.00054	40.00	-120.00	0.00043
50.00	-120.00	0.00034	60.00	-120.00	0.00028
70.00	-120.00	0.00024	80.00	-120.00	0.00021
90.00	-120.00	0.00019	100.00	-120.00	0.00017
-100.00	-110.00	0.00090	-90.00	-110.00	0.00097
-80.00	-110.00	0.00104	-70.00	-110.00	0.00112
-60.00	-110.00	0.00120	-50.00	-110.00	0.00128
-40.00	-110.00	0.00134	-30.00	-110.00	0.00136
-25.00	-110.00	0.00135	-20.00	-110.00	0.00134
-17.00	-110.00	0.00132	-15.00	-110.00	0.00131
-13.00	-110.00	0.00129	-11.00	-110.00	0.00127
-9.00	-110.00	0.00125	9.00	-110.00	0.00096
11.00	-110.00	0.00092	13.00	-110.00	0.00088
15.00	-110.00	0.00085	17.00	-110.00	0.00081
20.00	-110.00	0.00075	25.00	-110.00	0.00066
30.00	-110.00	0.00058	40.00	-110.00	0.00045
50.00	-110.00	0.00036	60.00	-110.00	0.00030
70.00	-110.00	0.00026	80.00	-110.00	0.00023
90.00	-110.00	0.00020	100.00	-110.00	0.00018
-100.00	-100.00	0.00098	-90.00	-100.00	0.00107
-80.00	-100.00	0.00116	-70.00	-100.00	0.00126
-60.00	-100.00	0.00136	-50.00	-100.00	0.00146
-40.00	-100.00	0.00155	-30.00	-100.00	0.00160
-25.00	-100.00	0.00160	-20.00	-100.00	0.00159
-17.00	-100.00	0.00157	-15.00	-100.00	0.00156
-13.00	-100.00	0.00154	-11.00	-100.00	0.00152
-9.00	-100.00	0.00149	9.00	-100.00	0.00111
11.00	-100.00	0.00106	13.00	-100.00	0.00101
15.00	-100.00	0.00096	17.00	-100.00	0.00091
20.00	-100.00	0.00084	25.00	-100.00	0.00073
30.00	-100.00	0.00063	40.00	-100.00	0.00049

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

50.00	-100.00	0.00039	60.00	-100.00	0.00033
70.00	-100.00	0.00028	80.00	-100.00	0.00024
90.00	-100.00	0.00021	100.00	-100.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00106	-90.00	-90.00	0.00117
-80.00	-90.00	0.00129	-70.00	-90.00	0.00141
-60.00	-90.00	0.00154	-50.00	-90.00	0.00167
-40.00	-90.00	0.00180	-30.00	-90.00	0.00189
-25.00	-90.00	0.00191	-20.00	-90.00	0.00191
-17.00	-90.00	0.00189	-15.00	-90.00	0.00188
-13.00	-90.00	0.00186	-11.00	-90.00	0.00183
-9.00	-90.00	0.00180	9.00	-90.00	0.00128
11.00	-90.00	0.00122	13.00	-90.00	0.00115
15.00	-90.00	0.00108	17.00	-90.00	0.00102
20.00	-90.00	0.00092	25.00	-90.00	0.00079
30.00	-90.00	0.00068	40.00	-90.00	0.00052
50.00	-90.00	0.00042	60.00	-90.00	0.00035
70.00	-90.00	0.00030	80.00	-90.00	0.00026
90.00	-90.00	0.00022	100.00	-90.00	0.00019
-100.00	-80.00	0.00113	-90.00	-80.00	0.00126
-80.00	-80.00	0.00142	-70.00	-80.00	0.00158
-60.00	-80.00	0.00175	-50.00	-80.00	0.00192
-40.00	-80.00	0.00209	-30.00	-80.00	0.00223
-25.00	-80.00	0.00228	-20.00	-80.00	0.00230
-17.00	-80.00	0.00230	-15.00	-80.00	0.00229
-13.00	-80.00	0.00227	-11.00	-80.00	0.00224
-9.00	-80.00	0.00220	9.00	-80.00	0.00149
11.00	-80.00	0.00139	13.00	-80.00	0.00130
15.00	-80.00	0.00121	17.00	-80.00	0.00112
20.00	-80.00	0.00101	25.00	-80.00	0.00085
30.00	-80.00	0.00073	40.00	-80.00	0.00056
50.00	-80.00	0.00045	60.00	-80.00	0.00037
70.00	-80.00	0.00032	80.00	-80.00	0.00027
90.00	-80.00	0.00023	100.00	-80.00	0.00020
-100.00	-70.00	0.00117	-90.00	-70.00	0.00133

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-80.00	-70.00	0.00151	-70.00	-70.00	0.00172
-60.00	-70.00	0.00196	-50.00	-70.00	0.00220
-40.00	-70.00	0.00244	-30.00	-70.00	0.00264
-25.00	-70.00	0.00273	-20.00	-70.00	0.00279
-17.00	-70.00	0.00280	-15.00	-70.00	0.00280
-13.00	-70.00	0.00279	-11.00	-70.00	0.00277
-9.00	-70.00	0.00273	9.00	-70.00	0.00171
11.00	-70.00	0.00158	13.00	-70.00	0.00145
15.00	-70.00	0.00133	17.00	-70.00	0.00123

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00110	25.00	-70.00	0.00092
30.00	-70.00	0.00079	40.00	-70.00	0.00061
50.00	-70.00	0.00048	60.00	-70.00	0.00040
70.00	-70.00	0.00033	80.00	-70.00	0.00028
90.00	-70.00	0.00024	100.00	-70.00	0.00021
-100.00	-60.00	0.00118	-90.00	-60.00	0.00136
-80.00	-60.00	0.00157	-70.00	-60.00	0.00182
-60.00	-60.00	0.00211	-50.00	-60.00	0.00244
-40.00	-60.00	0.00279	-30.00	-60.00	0.00313
-25.00	-60.00	0.00327	-20.00	-60.00	0.00337
-17.00	-60.00	0.00343	-15.00	-60.00	0.00345
-13.00	-60.00	0.00347	-11.00	-60.00	0.00346
-9.00	-60.00	0.00344	9.00	-60.00	0.00193
11.00	-60.00	0.00175	13.00	-60.00	0.00159
15.00	-60.00	0.00145	17.00	-60.00	0.00134
20.00	-60.00	0.00119	25.00	-60.00	0.00099
30.00	-60.00	0.00084	40.00	-60.00	0.00064
50.00	-60.00	0.00051	60.00	-60.00	0.00042
70.00	-60.00	0.00035	80.00	-60.00	0.00029
90.00	-60.00	0.00025	100.00	-60.00	0.00021
-100.00	-50.00	0.00118	-90.00	-50.00	0.00136
-80.00	-50.00	0.00159	-70.00	-50.00	0.00186
-60.00	-50.00	0.00218	-50.00	-50.00	0.00257
-40.00	-50.00	0.00301	-30.00	-50.00	0.00349
-25.00	-50.00	0.00374	-20.00	-50.00	0.00399

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-17.00	-50.00	0.00414	-15.00	-50.00	0.00423
-13.00	-50.00	0.00432	-11.00	-50.00	0.00442
-9.00	-50.00	0.00450	9.00	-50.00	0.00213
11.00	-50.00	0.00191	13.00	-50.00	0.00172
15.00	-50.00	0.00157	17.00	-50.00	0.00143
20.00	-50.00	0.00127	25.00	-50.00	0.00105
30.00	-50.00	0.00090	40.00	-50.00	0.00068
50.00	-50.00	0.00054	60.00	-50.00	0.00044
70.00	-50.00	0.00037	80.00	-50.00	0.00031
90.00	-50.00	0.00026	100.00	-50.00	0.00022
-100.00	-40.00	0.00114	-90.00	-40.00	0.00134
-80.00	-40.00	0.00157	-70.00	-40.00	0.00185
-60.00	-40.00	0.00219	-50.00	-40.00	0.00260
-40.00	-40.00	0.00308	-30.00	-40.00	0.00363
-25.00	-40.00	0.00392	-20.00	-40.00	0.00423

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00443	-15.00	-40.00	0.00458
-13.00	-40.00	0.00474	-11.00	-40.00	0.00494
-9.00	-40.00	0.00520	9.00	-40.00	0.00250
11.00	-40.00	0.00219	13.00	-40.00	0.00195
15.00	-40.00	0.00177	17.00	-40.00	0.00161
20.00	-40.00	0.00142	25.00	-40.00	0.00117
30.00	-40.00	0.00100	40.00	-40.00	0.00076
50.00	-40.00	0.00060	60.00	-40.00	0.00049
70.00	-40.00	0.00040	80.00	-40.00	0.00033
90.00	-40.00	0.00028	100.00	-40.00	0.00024
-100.00	-30.00	0.00109	-90.00	-30.00	0.00128
-80.00	-30.00	0.00151	-70.00	-30.00	0.00180
-60.00	-30.00	0.00214	-50.00	-30.00	0.00256
-40.00	-30.00	0.00305	-30.00	-30.00	0.00362
-25.00	-30.00	0.00393	-20.00	-30.00	0.00427
-17.00	-30.00	0.00451	-15.00	-30.00	0.00468
-13.00	-30.00	0.00488	-11.00	-30.00	0.00515
-9.00	-30.00	0.00555	9.00	-30.00	0.00348
11.00	-30.00	0.00294	13.00	-30.00	0.00255

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

15.00	-30.00	0.00224	17.00	-30.00	0.00200
20.00	-30.00	0.00171	25.00	-30.00	0.00138
30.00	-30.00	0.00116	40.00	-30.00	0.00086
50.00	-30.00	0.00067	60.00	-30.00	0.00054
70.00	-30.00	0.00044	80.00	-30.00	0.00036
90.00	-30.00	0.00030	100.00	-30.00	0.00025
-100.00	-20.00	0.00101	-90.00	-20.00	0.00120
-80.00	-20.00	0.00142	-70.00	-20.00	0.00170
-60.00	-20.00	0.00204	-50.00	-20.00	0.00246
-40.00	-20.00	0.00295	-30.00	-20.00	0.00354
-25.00	-20.00	0.00387	-20.00	-20.00	0.00426
-17.00	-20.00	0.00455	-15.00	-20.00	0.00479
-13.00	-20.00	0.00511	-11.00	-20.00	0.00554
-9.00	-20.00	0.00618	9.00	-20.00	0.00450
11.00	-20.00	0.00380	13.00	-20.00	0.00327
15.00	-20.00	0.00286	17.00	-20.00	0.00253
20.00	-20.00	0.00214	25.00	-20.00	0.00168
30.00	-20.00	0.00137	40.00	-20.00	0.00099
50.00	-20.00	0.00076	60.00	-20.00	0.00059
70.00	-20.00	0.00048	80.00	-20.00	0.00039
90.00	-20.00	0.00032	100.00	-20.00	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00091	-90.00	-10.00	0.00109
-80.00	-10.00	0.00130	-70.00	-10.00	0.00157
-60.00	-10.00	0.00190	-50.00	-10.00	0.00231
-40.00	-10.00	0.00280	-30.00	-10.00	0.00340
-25.00	-10.00	0.00376	-20.00	-10.00	0.00424
-17.00	-10.00	0.00463	-15.00	-10.00	0.00498
-13.00	-10.00	0.00543	-11.00	-10.00	0.00602
-9.00	-10.00	0.00682	9.00	-10.00	0.00530
11.00	-10.00	0.00451	13.00	-10.00	0.00390
15.00	-10.00	0.00342	17.00	-10.00	0.00303
20.00	-10.00	0.00256	25.00	-10.00	0.00201
30.00	-10.00	0.00163	40.00	-10.00	0.00114
50.00	-10.00	0.00085	60.00	-10.00	0.00065

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

70.00	-10.00	0.00052	80.00	-10.00	0.00042
90.00	-10.00	0.00035	100.00	-10.00	0.00030
-100.00	0.00	0.00081	-90.00	0.00	0.00096
-80.00	0.00	0.00116	-70.00	0.00	0.00141
-60.00	0.00	0.00172	-50.00	0.00	0.00211
-40.00	0.00	0.00259	-30.00	0.00	0.00320
-25.00	0.00	0.00361	-20.00	0.00	0.00420
-17.00	0.00	0.00470	-15.00	0.00	0.00514
-13.00	0.00	0.00568	-11.00	0.00	0.00637
-9.00	0.00	0.00727	9.00	0.00	0.00587
11.00	0.00	0.00504	13.00	0.00	0.00440
15.00	0.00	0.00388	17.00	0.00	0.00345
20.00	0.00	0.00294	25.00	0.00	0.00232
30.00	0.00	0.00188	40.00	0.00	0.00131
50.00	0.00	0.00095	60.00	0.00	0.00072
70.00	0.00	0.00057	80.00	0.00	0.00046
90.00	0.00	0.00038	100.00	0.00	0.00032
-100.00	10.00	0.00071	-90.00	10.00	0.00084
-80.00	10.00	0.00100	-70.00	10.00	0.00121
-60.00	10.00	0.00149	-50.00	10.00	0.00185
-40.00	10.00	0.00231	-30.00	10.00	0.00295
-25.00	10.00	0.00342	-20.00	10.00	0.00410
-17.00	10.00	0.00468	-15.00	10.00	0.00517
-13.00	10.00	0.00577	-11.00	10.00	0.00652
-9.00	10.00	0.00747	9.00	10.00	0.00625
11.00	10.00	0.00541	13.00	10.00	0.00476
15.00	10.00	0.00423	17.00	10.00	0.00379

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00325	25.00	10.00	0.00258
30.00	10.00	0.00210	40.00	10.00	0.00146
50.00	10.00	0.00106	60.00	10.00	0.00080
70.00	10.00	0.00062	80.00	10.00	0.00050
90.00	10.00	0.00041	100.00	10.00	0.00034
-100.00	20.00	0.00062	-90.00	20.00	0.00073
-80.00	20.00	0.00086	-70.00	20.00	0.00102

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-60.00	20.00	0.00124	-50.00	20.00	0.00154
-40.00	20.00	0.00197	-30.00	20.00	0.00263
-25.00	20.00	0.00314	-20.00	20.00	0.00387
-17.00	20.00	0.00449	-15.00	20.00	0.00501
-13.00	20.00	0.00564	-11.00	20.00	0.00643
-9.00	20.00	0.00741	9.00	20.00	0.00647
11.00	20.00	0.00565	13.00	20.00	0.00501
15.00	20.00	0.00449	17.00	20.00	0.00405
20.00	20.00	0.00349	25.00	20.00	0.00279
30.00	20.00	0.00228	40.00	20.00	0.00159
50.00	20.00	0.00117	60.00	20.00	0.00088
70.00	20.00	0.00068	80.00	20.00	0.00054
90.00	20.00	0.00044	100.00	20.00	0.00037
-100.00	30.00	0.00055	-90.00	30.00	0.00063
-80.00	30.00	0.00074	-70.00	30.00	0.00087
-60.00	30.00	0.00104	-50.00	30.00	0.00126
-40.00	30.00	0.00161	-30.00	30.00	0.00222
-25.00	30.00	0.00274	-20.00	30.00	0.00350
-17.00	30.00	0.00413	-15.00	30.00	0.00465
-13.00	30.00	0.00529	-11.00	30.00	0.00607
-9.00	30.00	0.00705	9.00	30.00	0.00659
11.00	30.00	0.00580	13.00	30.00	0.00517
15.00	30.00	0.00466	17.00	30.00	0.00423
20.00	30.00	0.00367	25.00	30.00	0.00295
30.00	30.00	0.00243	40.00	30.00	0.00171
50.00	30.00	0.00126	60.00	30.00	0.00096
70.00	30.00	0.00074	80.00	30.00	0.00059
90.00	30.00	0.00048	100.00	30.00	0.00039
-100.00	40.00	0.00049	-90.00	40.00	0.00056
-80.00	40.00	0.00064	-70.00	40.00	0.00075
-60.00	40.00	0.00089	-50.00	40.00	0.00107
-40.00	40.00	0.00137	-30.00	40.00	0.00191
-25.00	40.00	0.00236	-20.00	40.00	0.00303

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00359	-15.00	40.00	0.00407

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-13.00	40.00	0.00464	-11.00	40.00	0.00536
-9.00	40.00	0.00627	9.00	40.00	0.00665
11.00	40.00	0.00589	13.00	40.00	0.00527
15.00	40.00	0.00477	17.00	40.00	0.00434
20.00	40.00	0.00380	25.00	40.00	0.00308
30.00	40.00	0.00254	40.00	40.00	0.00181
50.00	40.00	0.00134	60.00	40.00	0.00102
70.00	40.00	0.00079	80.00	40.00	0.00063
90.00	40.00	0.00051	100.00	40.00	0.00042
-100.00	50.00	0.00044	-90.00	50.00	0.00050
-80.00	50.00	0.00057	-70.00	50.00	0.00066
-60.00	50.00	0.00078	-50.00	50.00	0.00096
-40.00	50.00	0.00125	-30.00	50.00	0.00179
-25.00	50.00	0.00223	-20.00	50.00	0.00288
-17.00	50.00	0.00341	-15.00	50.00	0.00384
-13.00	50.00	0.00435	-11.00	50.00	0.00497
-9.00	50.00	0.00573	9.00	50.00	0.00644
11.00	50.00	0.00578	13.00	50.00	0.00522
15.00	50.00	0.00474	17.00	50.00	0.00433
20.00	50.00	0.00381	25.00	50.00	0.00311
30.00	50.00	0.00258	40.00	50.00	0.00185
50.00	50.00	0.00138	60.00	50.00	0.00105
70.00	50.00	0.00083	80.00	50.00	0.00066
90.00	50.00	0.00053	100.00	50.00	0.00044
-100.00	60.00	0.00040	-90.00	60.00	0.00045
-80.00	60.00	0.00051	-70.00	60.00	0.00060
-60.00	60.00	0.00072	-50.00	60.00	0.00089
-40.00	60.00	0.00120	-30.00	60.00	0.00176
-25.00	60.00	0.00221	-20.00	60.00	0.00285
-17.00	60.00	0.00337	-15.00	60.00	0.00379
-13.00	60.00	0.00428	-11.00	60.00	0.00484
-9.00	60.00	0.00546	9.00	60.00	0.00552
11.00	60.00	0.00511	13.00	60.00	0.00472
15.00	60.00	0.00437	17.00	60.00	0.00405
20.00	60.00	0.00361	25.00	60.00	0.00302
30.00	60.00	0.00254	40.00	60.00	0.00184
50.00	60.00	0.00138	60.00	60.00	0.00107
70.00	60.00	0.00084	80.00	60.00	0.00068
90.00	60.00	0.00055	100.00	60.00	0.00045

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	70.00	0.00037	-90.00	70.00	0.00041	
-80.00	70.00	0.00047	-70.00	70.00	0.00056	
-60.00	70.00	0.00067	-50.00	70.00	0.00086	
-40.00	70.00	0.00117	-30.00	70.00	0.00174	
-25.00	70.00	0.00219	-20.00	70.00	0.00281	
-17.00	70.00	0.00329	-15.00	70.00	0.00364	
-13.00	70.00	0.00402	-11.00	70.00	0.00441	
-9.00	70.00	0.00479	9.00	70.00	0.00454	
11.00	70.00	0.00429	13.00	70.00	0.00404	
15.00	70.00	0.00380	17.00	70.00	0.00357	
20.00	70.00	0.00326	25.00	70.00	0.00279	
30.00	70.00	0.00240	40.00	70.00	0.00180	
50.00	70.00	0.00137	60.00	70.00	0.00107	
70.00	70.00	0.00085	80.00	70.00	0.00069	
90.00	70.00	0.00056	100.00	70.00	0.00046	
-100.00	80.00	0.00034	-90.00	80.00	0.00039	
-80.00	80.00	0.00044	-70.00	80.00	0.00052	
-60.00	80.00	0.00064	-50.00	80.00	0.00083	
-40.00	80.00	0.00115	-30.00	80.00	0.00172	
-25.00	80.00	0.00215	-20.00	80.00	0.00269	
-17.00	80.00	0.00306	-15.00	80.00	0.00332	
-13.00	80.00	0.00358	-11.00	80.00	0.00382	
-9.00	80.00	0.00403	9.00	80.00	0.00372	
11.00	80.00	0.00356	13.00	80.00	0.00341	
15.00	80.00	0.00325	17.00	80.00	0.00309	
20.00	80.00	0.00286	25.00	80.00	0.00251	
30.00	80.00	0.00220	40.00	80.00	0.00171	
50.00	80.00	0.00133	60.00	80.00	0.00105	
70.00	80.00	0.00085	80.00	80.00	0.00069	
90.00	80.00	0.00057	100.00	80.00	0.00047	
-100.00	90.00	0.00032	-90.00	90.00	0.00036	
-80.00	90.00	0.00042	-70.00	90.00	0.00050	
-60.00	90.00	0.00062	-50.00	90.00	0.00082	
-40.00	90.00	0.00114	-30.00	90.00	0.00168	
-25.00	90.00	0.00205	-20.00	90.00	0.00249	
-17.00	90.00	0.00276	-15.00	90.00	0.00293	
-13.00	90.00	0.00310	-11.00	90.00	0.00324	
-9.00	90.00	0.00336	9.00	90.00	0.00307	
11.00	90.00	0.00297	13.00	90.00	0.00286	

15.00 90.00 0.00276 17.00 90.00 0.00265

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00249	25.00	90.00	0.00223
30.00	90.00	0.00199	40.00	90.00	0.00158
50.00	90.00	0.00127	60.00	90.00	0.00102
70.00	90.00	0.00083	80.00	90.00	0.00068
90.00	90.00	0.00057	100.00	90.00	0.00048
-100.00	100.00	0.00030	-90.00	100.00	0.00034
-80.00	100.00	0.00040	-70.00	100.00	0.00048
-60.00	100.00	0.00060	-50.00	100.00	0.00081
-40.00	100.00	0.00113	-30.00	100.00	0.00161
-25.00	100.00	0.00192	-20.00	100.00	0.00224
-17.00	100.00	0.00243	-15.00	100.00	0.00255
-13.00	100.00	0.00265	-11.00	100.00	0.00274
-9.00	100.00	0.00281	9.00	100.00	0.00257
11.00	100.00	0.00249	13.00	100.00	0.00242
15.00	100.00	0.00235	17.00	100.00	0.00227
20.00	100.00	0.00216	25.00	100.00	0.00197
30.00	100.00	0.00179	40.00	100.00	0.00145
50.00	100.00	0.00119	60.00	100.00	0.00098
70.00	100.00	0.00081	80.00	100.00	0.00067
90.00	100.00	0.00057	100.00	100.00	0.00048
-100.00	110.00	0.00028	-90.00	110.00	0.00032
-80.00	110.00	0.00038	-70.00	110.00	0.00047
-60.00	110.00	0.00060	-50.00	110.00	0.00080
-40.00	110.00	0.00110	-30.00	110.00	0.00152
-25.00	110.00	0.00176	-20.00	110.00	0.00200
-17.00	110.00	0.00213	-15.00	110.00	0.00221
-13.00	110.00	0.00228	-11.00	110.00	0.00233
-9.00	110.00	0.00237	9.00	110.00	0.00217
11.00	110.00	0.00212	13.00	110.00	0.00206
15.00	110.00	0.00201	17.00	110.00	0.00196
20.00	110.00	0.00187	25.00	110.00	0.00174
30.00	110.00	0.00160	40.00	110.00	0.00133
50.00	110.00	0.00110	60.00	110.00	0.00092

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

70.00	110.00	0.00077	80.00	110.00	0.00065
90.00	110.00	0.00056	100.00	110.00	0.00047
-100.00	120.00	0.00027	-90.00	120.00	0.00031
-80.00	120.00	0.00037	-70.00	120.00	0.00046
-60.00	120.00	0.00059	-50.00	120.00	0.00078
-40.00	120.00	0.00106	-30.00	120.00	0.00141
-25.00	120.00	0.00160	-20.00	120.00	0.00178

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00187	-15.00	120.00	0.00192
-13.00	120.00	0.00196	-11.00	120.00	0.00200
-9.00	120.00	0.00202	9.00	120.00	0.00186
11.00	120.00	0.00182	13.00	120.00	0.00178
15.00	120.00	0.00174	17.00	120.00	0.00170
20.00	120.00	0.00163	25.00	120.00	0.00153
30.00	120.00	0.00143	40.00	120.00	0.00122
50.00	120.00	0.00102	60.00	120.00	0.00086
70.00	120.00	0.00073	80.00	120.00	0.00063
90.00	120.00	0.00054	100.00	120.00	0.00047
-100.00	130.00	0.00026	-90.00	130.00	0.00030
-80.00	130.00	0.00036	-70.00	130.00	0.00045
-60.00	130.00	0.00058	-50.00	130.00	0.00077
-40.00	130.00	0.00101	-30.00	130.00	0.00130
-25.00	130.00	0.00145	-20.00	130.00	0.00158
-17.00	130.00	0.00164	-15.00	130.00	0.00168
-13.00	130.00	0.00171	-11.00	130.00	0.00173
-9.00	130.00	0.00174	9.00	130.00	0.00161
11.00	130.00	0.00158	13.00	130.00	0.00154
15.00	130.00	0.00151	17.00	130.00	0.00148
20.00	130.00	0.00143	25.00	130.00	0.00135
30.00	130.00	0.00127	40.00	130.00	0.00111
50.00	130.00	0.00095	60.00	130.00	0.00081
70.00	130.00	0.00069	80.00	130.00	0.00060
90.00	130.00	0.00052	100.00	130.00	0.00045
-100.00	140.00	0.00025	-90.00	140.00	0.00030
-80.00	140.00	0.00036	-70.00	140.00	0.00045

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-60.00	140.00	0.00058	-50.00	140.00	0.00075
-40.00	140.00	0.00096	-30.00	140.00	0.00119
-25.00	140.00	0.00130	-20.00	140.00	0.00140
-17.00	140.00	0.00145	-15.00	140.00	0.00147
-13.00	140.00	0.00149	-11.00	140.00	0.00151
-9.00	140.00	0.00152	9.00	140.00	0.00140
11.00	140.00	0.00138	13.00	140.00	0.00135
15.00	140.00	0.00133	17.00	140.00	0.00130
20.00	140.00	0.00127	25.00	140.00	0.00120
30.00	140.00	0.00114	40.00	140.00	0.00101
50.00	140.00	0.00088	60.00	140.00	0.00076
70.00	140.00	0.00065	80.00	140.00	0.00057
90.00	140.00	0.00050	100.00	140.00	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00025	-90.00	150.00	0.00029
-80.00	150.00	0.00036	-70.00	150.00	0.00044
-60.00	150.00	0.00057	-50.00	150.00	0.00072
-40.00	150.00	0.00090	-30.00	150.00	0.00109
-25.00	150.00	0.00118	-20.00	150.00	0.00125
-17.00	150.00	0.00128	-15.00	150.00	0.00130
-13.00	150.00	0.00131	-11.00	150.00	0.00132
-9.00	150.00	0.00133	9.00	150.00	0.00124
11.00	150.00	0.00122	13.00	150.00	0.00120
15.00	150.00	0.00118	17.00	150.00	0.00116
20.00	150.00	0.00112	25.00	150.00	0.00107
30.00	150.00	0.00102	40.00	150.00	0.00092
50.00	150.00	0.00081	60.00	150.00	0.00071
70.00	150.00	0.00062	80.00	150.00	0.00054
90.00	150.00	0.00047	100.00	150.00	0.00042
-100.00	160.00	0.00024	-90.00	160.00	0.00029
-80.00	160.00	0.00035	-70.00	160.00	0.00044
-60.00	160.00	0.00055	-50.00	160.00	0.00069
-40.00	160.00	0.00084	-30.00	160.00	0.00100
-25.00	160.00	0.00106	-20.00	160.00	0.00112
-17.00	160.00	0.00114	-15.00	160.00	0.00116

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-13.00	160.00	0.00117	-11.00	160.00	0.00117
-9.00	160.00	0.00118	9.00	160.00	0.00110
11.00	160.00	0.00108	13.00	160.00	0.00106
15.00	160.00	0.00105	17.00	160.00	0.00103
20.00	160.00	0.00101	25.00	160.00	0.00096
30.00	160.00	0.00092	40.00	160.00	0.00084
50.00	160.00	0.00075	60.00	160.00	0.00066
70.00	160.00	0.00058	80.00	160.00	0.00051
90.00	160.00	0.00045	100.00	160.00	0.00040
-100.00	170.00	0.00024	-90.00	170.00	0.00029
-80.00	170.00	0.00035	-70.00	170.00	0.00043
-60.00	170.00	0.00054	-50.00	170.00	0.00066
-40.00	170.00	0.00079	-30.00	170.00	0.00091
-25.00	170.00	0.00097	-20.00	170.00	0.00101
-17.00	170.00	0.00102	-15.00	170.00	0.00103
-13.00	170.00	0.00104	-11.00	170.00	0.00104
-9.00	170.00	0.00105	9.00	170.00	0.00098
11.00	170.00	0.00097	13.00	170.00	0.00095
15.00	170.00	0.00094	17.00	170.00	0.00093

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00090	25.00	170.00	0.00087
30.00	170.00	0.00084	40.00	170.00	0.00077
50.00	170.00	0.00069	60.00	170.00	0.00062
70.00	170.00	0.00055	80.00	170.00	0.00049
90.00	170.00	0.00043	100.00	170.00	0.00039
-100.00	180.00	0.00024	-90.00	180.00	0.00028
-80.00	180.00	0.00035	-70.00	180.00	0.00042
-60.00	180.00	0.00052	-50.00	180.00	0.00062
-40.00	180.00	0.00074	-30.00	180.00	0.00084
-25.00	180.00	0.00088	-20.00	180.00	0.00091
-17.00	180.00	0.00092	-15.00	180.00	0.00093
-13.00	180.00	0.00093	-11.00	180.00	0.00094
-9.00	180.00	0.00094	9.00	180.00	0.00088
11.00	180.00	0.00087	13.00	180.00	0.00086
15.00	180.00	0.00085	17.00	180.00	0.00084

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

20.00	180.00	0.00082	25.00	180.00	0.00079
30.00	180.00	0.00076	40.00	180.00	0.00070
50.00	180.00	0.00064	60.00	180.00	0.00058
70.00	180.00	0.00052	80.00	180.00	0.00046
90.00	180.00	0.00041	100.00	180.00	0.00037
-100.00	190.00	0.00024	-90.00	190.00	0.00028
-80.00	190.00	0.00034	-70.00	190.00	0.00041
-60.00	190.00	0.00050	-50.00	190.00	0.00059
-40.00	190.00	0.00069	-30.00	190.00	0.00077
-25.00	190.00	0.00080	-20.00	190.00	0.00082
-17.00	190.00	0.00083	-15.00	190.00	0.00084
-13.00	190.00	0.00084	-11.00	190.00	0.00085
-9.00	190.00	0.00085	9.00	190.00	0.00080
11.00	190.00	0.00079	13.00	190.00	0.00078
15.00	190.00	0.00077	17.00	190.00	0.00076
20.00	190.00	0.00074	25.00	190.00	0.00072
30.00	190.00	0.00069	40.00	190.00	0.00064
50.00	190.00	0.00059	60.00	190.00	0.00054
70.00	190.00	0.00049	80.00	190.00	0.00044
90.00	190.00	0.00039	100.00	190.00	0.00035
-100.00	200.00	0.00023	-90.00	200.00	0.00028
-80.00	200.00	0.00034	-70.00	200.00	0.00040
-60.00	200.00	0.00048	-50.00	200.00	0.00056
-40.00	200.00	0.00064	-30.00	200.00	0.00071
-25.00	200.00	0.00073	-20.00	200.00	0.00075

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00076	-15.00	200.00	0.00076
-13.00	200.00	0.00077	-11.00	200.00	0.00077
-9.00	200.00	0.00077	9.00	200.00	0.00072
11.00	200.00	0.00072	13.00	200.00	0.00071
15.00	200.00	0.00070	17.00	200.00	0.00069
20.00	200.00	0.00068	25.00	200.00	0.00066
30.00	200.00	0.00064	40.00	200.00	0.00059
50.00	200.00	0.00055	60.00	200.00	0.00051
70.00	200.00	0.00046	80.00	200.00	0.00042

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

90.00	200.00	0.00038	100.00	200.00	0.00034
-100.00	210.00	0.00023	-90.00	210.00	0.00028
-80.00	210.00	0.00033	-70.00	210.00	0.00039
-60.00	210.00	0.00046	-50.00	210.00	0.00053
-40.00	210.00	0.00060	-30.00	210.00	0.00065
-25.00	210.00	0.00067	-20.00	210.00	0.00069
-17.00	210.00	0.00069	-15.00	210.00	0.00070
-13.00	210.00	0.00070	-11.00	210.00	0.00070
-9.00	210.00	0.00070	9.00	210.00	0.00066
11.00	210.00	0.00065	13.00	210.00	0.00065
15.00	210.00	0.00064	17.00	210.00	0.00063
20.00	210.00	0.00062	25.00	210.00	0.00060
30.00	210.00	0.00058	40.00	210.00	0.00055
50.00	210.00	0.00051	60.00	210.00	0.00047
70.00	210.00	0.00044	80.00	210.00	0.00040
90.00	210.00	0.00036	100.00	210.00	0.00033
-100.00	220.00	0.00023	-90.00	220.00	0.00027
-80.00	220.00	0.00032	-70.00	220.00	0.00038
-60.00	220.00	0.00044	-50.00	220.00	0.00050
-40.00	220.00	0.00056	-30.00	220.00	0.00060
-25.00	220.00	0.00062	-20.00	220.00	0.00063
-17.00	220.00	0.00064	-15.00	220.00	0.00064
-13.00	220.00	0.00064	-11.00	220.00	0.00064
-9.00	220.00	0.00064	9.00	220.00	0.00061
11.00	220.00	0.00060	13.00	220.00	0.00059
15.00	220.00	0.00059	17.00	220.00	0.00058
20.00	220.00	0.00057	25.00	220.00	0.00055
30.00	220.00	0.00054	40.00	220.00	0.00051
50.00	220.00	0.00048	60.00	220.00	0.00044
70.00	220.00	0.00041	80.00	220.00	0.00038
90.00	220.00	0.00034	100.00	220.00	0.00031

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 16:57:07
 MODELOPTs: * Maximum train overlap at North/South Bound Direction ***
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00023	-90.00	230.00	0.00027
-80.00	230.00	0.00031	-70.00	230.00	0.00036
-60.00	230.00	0.00042	-50.00	230.00	0.00047

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-40.00	230.00	0.00052	-30.00	230.00	0.00056
-25.00	230.00	0.00057	-20.00	230.00	0.00058
-17.00	230.00	0.00058	-15.00	230.00	0.00059
-13.00	230.00	0.00059	-11.00	230.00	0.00059
-9.00	230.00	0.00059	9.00	230.00	0.00056
11.00	230.00	0.00055	13.00	230.00	0.00055
15.00	230.00	0.00054	17.00	230.00	0.00054
20.00	230.00	0.00053	25.00	230.00	0.00051
30.00	230.00	0.00050	40.00	230.00	0.00047
50.00	230.00	0.00044	60.00	230.00	0.00042
70.00	230.00	0.00039	80.00	230.00	0.00036
90.00	230.00	0.00033	100.00	230.00	0.00030
-100.00	240.00	0.00023	-90.00	240.00	0.00026
-80.00	240.00	0.00030	-70.00	240.00	0.00035
-60.00	240.00	0.00040	-50.00	240.00	0.00045
-40.00	240.00	0.00049	-30.00	240.00	0.00052
-25.00	240.00	0.00053	-20.00	240.00	0.00054
-17.00	240.00	0.00054	-15.00	240.00	0.00054
-13.00	240.00	0.00054	-11.00	240.00	0.00054
-9.00	240.00	0.00054	9.00	240.00	0.00051
11.00	240.00	0.00051	13.00	240.00	0.00051
15.00	240.00	0.00050	17.00	240.00	0.00050
20.00	240.00	0.00049	25.00	240.00	0.00048
30.00	240.00	0.00046	40.00	240.00	0.00044
50.00	240.00	0.00042	60.00	240.00	0.00039
70.00	240.00	0.00037	80.00	240.00	0.00034
90.00	240.00	0.00031	100.00	240.00	0.00029
-100.00	250.00	0.00022	-90.00	250.00	0.00026
-80.00	250.00	0.00030	-70.00	250.00	0.00034
-60.00	250.00	0.00038	-50.00	250.00	0.00042
-40.00	250.00	0.00046	-30.00	250.00	0.00048
-25.00	250.00	0.00049	-20.00	250.00	0.00050
-17.00	250.00	0.00050	-15.00	250.00	0.00050
-13.00	250.00	0.00050	-11.00	250.00	0.00050
-9.00	250.00	0.00050	9.00	250.00	0.00048
11.00	250.00	0.00047	13.00	250.00	0.00047
15.00	250.00	0.00046	17.00	250.00	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 82

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

05NCRA_NAPA01-300 DPM TRAV ANN N-S Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00045	25.00	250.00	0.00044
30.00	250.00	0.00043	40.00	250.00	0.00041
50.00	250.00	0.00039	60.00	250.00	0.00037
70.00	250.00	0.00034	80.00	250.00	0.00032
90.00	250.00	0.00030	100.00	250.00	0.00028

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 83
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00058	-90.00	-250.00	0.00061
-80.00	-250.00	0.00064	-70.00	-250.00	0.00066
-60.00	-250.00	0.00068	-50.00	-250.00	0.00069
-40.00	-250.00	0.00069	-30.00	-250.00	0.00068
-25.00	-250.00	0.00067	-20.00	-250.00	0.00065
-17.00	-250.00	0.00064	-15.00	-250.00	0.00064
-13.00	-250.00	0.00063	-11.00	-250.00	0.00062
-9.00	-250.00	0.00061	9.00	-250.00	0.00051
11.00	-250.00	0.00050	13.00	-250.00	0.00049
15.00	-250.00	0.00048	17.00	-250.00	0.00046
20.00	-250.00	0.00045	25.00	-250.00	0.00042
30.00	-250.00	0.00039	40.00	-250.00	0.00033
50.00	-250.00	0.00027	60.00	-250.00	0.00023
70.00	-250.00	0.00020	80.00	-250.00	0.00017
90.00	-250.00	0.00015	100.00	-250.00	0.00013
-100.00	-240.00	0.00063	-90.00	-240.00	0.00067
-80.00	-240.00	0.00070	-70.00	-240.00	0.00073
-60.00	-240.00	0.00076	-50.00	-240.00	0.00077
-40.00	-240.00	0.00077	-30.00	-240.00	0.00076
-25.00	-240.00	0.00075	-20.00	-240.00	0.00074
-17.00	-240.00	0.00073	-15.00	-240.00	0.00072
-13.00	-240.00	0.00071	-11.00	-240.00	0.00070
-9.00	-240.00	0.00069	9.00	-240.00	0.00057
11.00	-240.00	0.00056	13.00	-240.00	0.00054
15.00	-240.00	0.00053	17.00	-240.00	0.00052
20.00	-240.00	0.00049	25.00	-240.00	0.00046

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

30.00	-240.00	0.00042	40.00	-240.00	0.00035
50.00	-240.00	0.00029	60.00	-240.00	0.00024
70.00	-240.00	0.00021	80.00	-240.00	0.00018
90.00	-240.00	0.00016	100.00	-240.00	0.00014
-100.00	-230.00	0.00069	-90.00	-230.00	0.00073
-80.00	-230.00	0.00077	-70.00	-230.00	0.00081
-60.00	-230.00	0.00085	-50.00	-230.00	0.00087
-40.00	-230.00	0.00088	-30.00	-230.00	0.00087
-25.00	-230.00	0.00086	-20.00	-230.00	0.00085
-17.00	-230.00	0.00083	-15.00	-230.00	0.00082
-13.00	-230.00	0.00081	-11.00	-230.00	0.00080
-9.00	-230.00	0.00079	9.00	-230.00	0.00064
11.00	-230.00	0.00063	13.00	-230.00	0.00061
15.00	-230.00	0.00059	17.00	-230.00	0.00057

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00055	25.00	-230.00	0.00050
30.00	-230.00	0.00046	40.00	-230.00	0.00037
50.00	-230.00	0.00031	60.00	-230.00	0.00025
70.00	-230.00	0.00022	80.00	-230.00	0.00019
90.00	-230.00	0.00017	100.00	-230.00	0.00015
-100.00	-220.00	0.00075	-90.00	-220.00	0.00080
-80.00	-220.00	0.00085	-70.00	-220.00	0.00090
-60.00	-220.00	0.00095	-50.00	-220.00	0.00099
-40.00	-220.00	0.00101	-30.00	-220.00	0.00100
-25.00	-220.00	0.00099	-20.00	-220.00	0.00098
-17.00	-220.00	0.00096	-15.00	-220.00	0.00095
-13.00	-220.00	0.00094	-11.00	-220.00	0.00093
-9.00	-220.00	0.00091	9.00	-220.00	0.00073
11.00	-220.00	0.00071	13.00	-220.00	0.00069
15.00	-220.00	0.00066	17.00	-220.00	0.00064
20.00	-220.00	0.00061	25.00	-220.00	0.00055
30.00	-220.00	0.00050	40.00	-220.00	0.00040
50.00	-220.00	0.00032	60.00	-220.00	0.00027
70.00	-220.00	0.00023	80.00	-220.00	0.00020
90.00	-220.00	0.00018	100.00	-220.00	0.00016

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-100.00	-210.00	0.00082	-90.00	-210.00	0.00088
-80.00	-210.00	0.00094	-70.00	-210.00	0.00101
-60.00	-210.00	0.00107	-50.00	-210.00	0.00112
-40.00	-210.00	0.00116	-30.00	-210.00	0.00116
-25.00	-210.00	0.00115	-20.00	-210.00	0.00114
-17.00	-210.00	0.00112	-15.00	-210.00	0.00111
-13.00	-210.00	0.00110	-11.00	-210.00	0.00108
-9.00	-210.00	0.00106	9.00	-210.00	0.00083
11.00	-210.00	0.00081	13.00	-210.00	0.00078
15.00	-210.00	0.00075	17.00	-210.00	0.00072
20.00	-210.00	0.00068	25.00	-210.00	0.00061
30.00	-210.00	0.00054	40.00	-210.00	0.00043
50.00	-210.00	0.00034	60.00	-210.00	0.00028
70.00	-210.00	0.00024	80.00	-210.00	0.00021
90.00	-210.00	0.00019	100.00	-210.00	0.00017
-100.00	-200.00	0.00090	-90.00	-200.00	0.00097
-80.00	-200.00	0.00104	-70.00	-200.00	0.00112
-60.00	-200.00	0.00120	-50.00	-200.00	0.00128
-40.00	-200.00	0.00134	-30.00	-200.00	0.00136
-25.00	-200.00	0.00135	-20.00	-200.00	0.00134

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
 PAGE 85
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00132	-15.00	-200.00	0.00131
-13.00	-200.00	0.00129	-11.00	-200.00	0.00127
-9.00	-200.00	0.00125	9.00	-200.00	0.00096
11.00	-200.00	0.00092	13.00	-200.00	0.00088
15.00	-200.00	0.00085	17.00	-200.00	0.00081
20.00	-200.00	0.00075	25.00	-200.00	0.00066
30.00	-200.00	0.00058	40.00	-200.00	0.00045
50.00	-200.00	0.00036	60.00	-200.00	0.00030
70.00	-200.00	0.00026	80.00	-200.00	0.00023
90.00	-200.00	0.00020	100.00	-200.00	0.00018
-100.00	-190.00	0.00098	-90.00	-190.00	0.00107
-80.00	-190.00	0.00116	-70.00	-190.00	0.00126
-60.00	-190.00	0.00136	-50.00	-190.00	0.00146
-40.00	-190.00	0.00155	-30.00	-190.00	0.00160

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-25.00	-190.00	0.00160	-20.00	-190.00	0.00159
-17.00	-190.00	0.00157	-15.00	-190.00	0.00156
-13.00	-190.00	0.00154	-11.00	-190.00	0.00152
-9.00	-190.00	0.00149	9.00	-190.00	0.00111
11.00	-190.00	0.00106	13.00	-190.00	0.00101
15.00	-190.00	0.00096	17.00	-190.00	0.00091
20.00	-190.00	0.00084	25.00	-190.00	0.00073
30.00	-190.00	0.00063	40.00	-190.00	0.00049
50.00	-190.00	0.00039	60.00	-190.00	0.00033
70.00	-190.00	0.00028	80.00	-190.00	0.00024
90.00	-190.00	0.00021	100.00	-190.00	0.00019
-100.00	-180.00	0.00106	-90.00	-180.00	0.00117
-80.00	-180.00	0.00129	-70.00	-180.00	0.00141
-60.00	-180.00	0.00154	-50.00	-180.00	0.00167
-40.00	-180.00	0.00180	-30.00	-180.00	0.00189
-25.00	-180.00	0.00191	-20.00	-180.00	0.00191
-17.00	-180.00	0.00189	-15.00	-180.00	0.00188
-13.00	-180.00	0.00186	-11.00	-180.00	0.00183
-9.00	-180.00	0.00180	9.00	-180.00	0.00128
11.00	-180.00	0.00122	13.00	-180.00	0.00115
15.00	-180.00	0.00108	17.00	-180.00	0.00102
20.00	-180.00	0.00092	25.00	-180.00	0.00079
30.00	-180.00	0.00068	40.00	-180.00	0.00052
50.00	-180.00	0.00042	60.00	-180.00	0.00035
70.00	-180.00	0.00030	80.00	-180.00	0.00026
90.00	-180.00	0.00022	100.00	-180.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTS:
 PAGE 86

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00113	-90.00	-170.00	0.00126
-80.00	-170.00	0.00142	-70.00	-170.00	0.00158
-60.00	-170.00	0.00175	-50.00	-170.00	0.00192
-40.00	-170.00	0.00209	-30.00	-170.00	0.00223
-25.00	-170.00	0.00228	-20.00	-170.00	0.00230
-17.00	-170.00	0.00230	-15.00	-170.00	0.00229
-13.00	-170.00	0.00227	-11.00	-170.00	0.00224
-9.00	-170.00	0.00220	9.00	-170.00	0.00149

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

11.00	-170.00	0.00139	13.00	-170.00	0.00130
15.00	-170.00	0.00121	17.00	-170.00	0.00112
20.00	-170.00	0.00101	25.00	-170.00	0.00085
30.00	-170.00	0.00073	40.00	-170.00	0.00056
50.00	-170.00	0.00045	60.00	-170.00	0.00037
70.00	-170.00	0.00032	80.00	-170.00	0.00027
90.00	-170.00	0.00023	100.00	-170.00	0.00020
-100.00	-160.00	0.00117	-90.00	-160.00	0.00133
-80.00	-160.00	0.00151	-70.00	-160.00	0.00172
-60.00	-160.00	0.00196	-50.00	-160.00	0.00220
-40.00	-160.00	0.00244	-30.00	-160.00	0.00264
-25.00	-160.00	0.00273	-20.00	-160.00	0.00279
-17.00	-160.00	0.00280	-15.00	-160.00	0.00280
-13.00	-160.00	0.00279	-11.00	-160.00	0.00277
-9.00	-160.00	0.00273	9.00	-160.00	0.00171
11.00	-160.00	0.00158	13.00	-160.00	0.00145
15.00	-160.00	0.00133	17.00	-160.00	0.00123
20.00	-160.00	0.00110	25.00	-160.00	0.00092
30.00	-160.00	0.00079	40.00	-160.00	0.00061
50.00	-160.00	0.00048	60.00	-160.00	0.00040
70.00	-160.00	0.00033	80.00	-160.00	0.00028
90.00	-160.00	0.00024	100.00	-160.00	0.00021
-100.00	-150.00	0.00118	-90.00	-150.00	0.00136
-80.00	-150.00	0.00157	-70.00	-150.00	0.00182
-60.00	-150.00	0.00211	-50.00	-150.00	0.00244
-40.00	-150.00	0.00279	-30.00	-150.00	0.00313
-25.00	-150.00	0.00327	-20.00	-150.00	0.00337
-17.00	-150.00	0.00343	-15.00	-150.00	0.00345
-13.00	-150.00	0.00347	-11.00	-150.00	0.00346
-9.00	-150.00	0.00344	9.00	-150.00	0.00193
11.00	-150.00	0.00175	13.00	-150.00	0.00159
15.00	-150.00	0.00145	17.00	-150.00	0.00134

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00119	25.00	-150.00	0.00099
30.00	-150.00	0.00084	40.00	-150.00	0.00064

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

50.00	-150.00	0.00051	60.00	-150.00	0.00042
70.00	-150.00	0.00035	80.00	-150.00	0.00029
90.00	-150.00	0.00025	100.00	-150.00	0.00021
-100.00	-140.00	0.00118	-90.00	-140.00	0.00136
-80.00	-140.00	0.00159	-70.00	-140.00	0.00186
-60.00	-140.00	0.00218	-50.00	-140.00	0.00257
-40.00	-140.00	0.00301	-30.00	-140.00	0.00349
-25.00	-140.00	0.00374	-20.00	-140.00	0.00399
-17.00	-140.00	0.00414	-15.00	-140.00	0.00423
-13.00	-140.00	0.00432	-11.00	-140.00	0.00442
-9.00	-140.00	0.00450	9.00	-140.00	0.00213
11.00	-140.00	0.00191	13.00	-140.00	0.00172
15.00	-140.00	0.00157	17.00	-140.00	0.00143
20.00	-140.00	0.00127	25.00	-140.00	0.00105
30.00	-140.00	0.00090	40.00	-140.00	0.00068
50.00	-140.00	0.00054	60.00	-140.00	0.00044
70.00	-140.00	0.00037	80.00	-140.00	0.00031
90.00	-140.00	0.00026	100.00	-140.00	0.00022
-100.00	-130.00	0.00114	-90.00	-130.00	0.00134
-80.00	-130.00	0.00157	-70.00	-130.00	0.00185
-60.00	-130.00	0.00219	-50.00	-130.00	0.00260
-40.00	-130.00	0.00308	-30.00	-130.00	0.00363
-25.00	-130.00	0.00392	-20.00	-130.00	0.00423
-17.00	-130.00	0.00443	-15.00	-130.00	0.00458
-13.00	-130.00	0.00474	-11.00	-130.00	0.00494
-9.00	-130.00	0.00520	9.00	-130.00	0.00250
11.00	-130.00	0.00219	13.00	-130.00	0.00195
15.00	-130.00	0.00177	17.00	-130.00	0.00161
20.00	-130.00	0.00142	25.00	-130.00	0.00117
30.00	-130.00	0.00100	40.00	-130.00	0.00076
50.00	-130.00	0.00060	60.00	-130.00	0.00049
70.00	-130.00	0.00040	80.00	-130.00	0.00033
90.00	-130.00	0.00028	100.00	-130.00	0.00024
-100.00	-120.00	0.00109	-90.00	-120.00	0.00128
-80.00	-120.00	0.00151	-70.00	-120.00	0.00180
-60.00	-120.00	0.00214	-50.00	-120.00	0.00256
-40.00	-120.00	0.00305	-30.00	-120.00	0.00362
-25.00	-120.00	0.00393	-20.00	-120.00	0.00427

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
 PAGE 88

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***

05NCRA NAPA01-300_DPM_TRAV ANN N-S Bound
 INCLUDING SOURCE(S) : NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00451	-15.00	-120.00	0.00468
-13.00	-120.00	0.00488	-11.00	-120.00	0.00515
-9.00	-120.00	0.00555	9.00	-120.00	0.00348
11.00	-120.00	0.00294	13.00	-120.00	0.00255
15.00	-120.00	0.00224	17.00	-120.00	0.00200
20.00	-120.00	0.00171	25.00	-120.00	0.00138
30.00	-120.00	0.00116	40.00	-120.00	0.00086
50.00	-120.00	0.00067	60.00	-120.00	0.00054
70.00	-120.00	0.00044	80.00	-120.00	0.00036
90.00	-120.00	0.00030	100.00	-120.00	0.00025
-100.00	-110.00	0.00101	-90.00	-110.00	0.00120
-80.00	-110.00	0.00142	-70.00	-110.00	0.00170
-60.00	-110.00	0.00204	-50.00	-110.00	0.00246
-40.00	-110.00	0.00295	-30.00	-110.00	0.00354
-25.00	-110.00	0.00387	-20.00	-110.00	0.00426
-17.00	-110.00	0.00455	-15.00	-110.00	0.00479
-13.00	-110.00	0.00511	-11.00	-110.00	0.00554
-9.00	-110.00	0.00618	9.00	-110.00	0.00450
11.00	-110.00	0.00380	13.00	-110.00	0.00327
15.00	-110.00	0.00286	17.00	-110.00	0.00253
20.00	-110.00	0.00214	25.00	-110.00	0.00168
30.00	-110.00	0.00137	40.00	-110.00	0.00099
50.00	-110.00	0.00076	60.00	-110.00	0.00059
70.00	-110.00	0.00048	80.00	-110.00	0.00039
90.00	-110.00	0.00032	100.00	-110.00	0.00027
-100.00	-100.00	0.00091	-90.00	-100.00	0.00109
-80.00	-100.00	0.00130	-70.00	-100.00	0.00157
-60.00	-100.00	0.00190	-50.00	-100.00	0.00231
-40.00	-100.00	0.00280	-30.00	-100.00	0.00340
-25.00	-100.00	0.00376	-20.00	-100.00	0.00424
-17.00	-100.00	0.00463	-15.00	-100.00	0.00498
-13.00	-100.00	0.00543	-11.00	-100.00	0.00602
-9.00	-100.00	0.00682	9.00	-100.00	0.00530
11.00	-100.00	0.00451	13.00	-100.00	0.00390
15.00	-100.00	0.00342	17.00	-100.00	0.00303
20.00	-100.00	0.00256	25.00	-100.00	0.00201
30.00	-100.00	0.00163	40.00	-100.00	0.00114
50.00	-100.00	0.00085	60.00	-100.00	0.00065
70.00	-100.00	0.00052	80.00	-100.00	0.00042
90.00	-100.00	0.00035	100.00	-100.00	0.00030

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

PAGE 89

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00081	-90.00	-90.00	0.00096
-80.00	-90.00	0.00116	-70.00	-90.00	0.00141
-60.00	-90.00	0.00172	-50.00	-90.00	0.00211
-40.00	-90.00	0.00259	-30.00	-90.00	0.00320
-25.00	-90.00	0.00361	-20.00	-90.00	0.00420
-17.00	-90.00	0.00470	-15.00	-90.00	0.00514
-13.00	-90.00	0.00568	-11.00	-90.00	0.00637
-9.00	-90.00	0.00727	9.00	-90.00	0.00587
11.00	-90.00	0.00504	13.00	-90.00	0.00440
15.00	-90.00	0.00388	17.00	-90.00	0.00345
20.00	-90.00	0.00294	25.00	-90.00	0.00232
30.00	-90.00	0.00188	40.00	-90.00	0.00131
50.00	-90.00	0.00095	60.00	-90.00	0.00072
70.00	-90.00	0.00057	80.00	-90.00	0.00046
90.00	-90.00	0.00038	100.00	-90.00	0.00032
-100.00	-80.00	0.00071	-90.00	-80.00	0.00084
-80.00	-80.00	0.00100	-70.00	-80.00	0.00121
-60.00	-80.00	0.00149	-50.00	-80.00	0.00185
-40.00	-80.00	0.00231	-30.00	-80.00	0.00295
-25.00	-80.00	0.00342	-20.00	-80.00	0.00410
-17.00	-80.00	0.00468	-15.00	-80.00	0.00517
-13.00	-80.00	0.00577	-11.00	-80.00	0.00652
-9.00	-80.00	0.00747	9.00	-80.00	0.00625
11.00	-80.00	0.00541	13.00	-80.00	0.00476
15.00	-80.00	0.00423	17.00	-80.00	0.00379
20.00	-80.00	0.00325	25.00	-80.00	0.00258
30.00	-80.00	0.00210	40.00	-80.00	0.00146
50.00	-80.00	0.00106	60.00	-80.00	0.00080
70.00	-80.00	0.00062	80.00	-80.00	0.00050
90.00	-80.00	0.00041	100.00	-80.00	0.00034
-100.00	-70.00	0.00062	-90.00	-70.00	0.00073
-80.00	-70.00	0.00086	-70.00	-70.00	0.00102
-60.00	-70.00	0.00124	-50.00	-70.00	0.00154
-40.00	-70.00	0.00197	-30.00	-70.00	0.00263

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-25.00	-70.00	0.00314	-20.00	-70.00	0.00387
-17.00	-70.00	0.00449	-15.00	-70.00	0.00501
-13.00	-70.00	0.00564	-11.00	-70.00	0.00643
-9.00	-70.00	0.00741	9.00	-70.00	0.00647
11.00	-70.00	0.00565	13.00	-70.00	0.00501
15.00	-70.00	0.00449	17.00	-70.00	0.00405

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00349	25.00	-70.00	0.00279
30.00	-70.00	0.00228	40.00	-70.00	0.00159
50.00	-70.00	0.00117	60.00	-70.00	0.00088
70.00	-70.00	0.00068	80.00	-70.00	0.00054
90.00	-70.00	0.00044	100.00	-70.00	0.00037
-100.00	-60.00	0.00055	-90.00	-60.00	0.00063
-80.00	-60.00	0.00074	-70.00	-60.00	0.00087
-60.00	-60.00	0.00104	-50.00	-60.00	0.00126
-40.00	-60.00	0.00161	-30.00	-60.00	0.00222
-25.00	-60.00	0.00274	-20.00	-60.00	0.00350
-17.00	-60.00	0.00413	-15.00	-60.00	0.00465
-13.00	-60.00	0.00529	-11.00	-60.00	0.00607
-9.00	-60.00	0.00705	9.00	-60.00	0.00659
11.00	-60.00	0.00580	13.00	-60.00	0.00517
15.00	-60.00	0.00466	17.00	-60.00	0.00423
20.00	-60.00	0.00367	25.00	-60.00	0.00295
30.00	-60.00	0.00243	40.00	-60.00	0.00171
50.00	-60.00	0.00126	60.00	-60.00	0.00096
70.00	-60.00	0.00074	80.00	-60.00	0.00059
90.00	-60.00	0.00048	100.00	-60.00	0.00039
-100.00	-50.00	0.00049	-90.00	-50.00	0.00056
-80.00	-50.00	0.00064	-70.00	-50.00	0.00075
-60.00	-50.00	0.00089	-50.00	-50.00	0.00107
-40.00	-50.00	0.00137	-30.00	-50.00	0.00191
-25.00	-50.00	0.00236	-20.00	-50.00	0.00303
-17.00	-50.00	0.00359	-15.00	-50.00	0.00407
-13.00	-50.00	0.00464	-11.00	-50.00	0.00536
-9.00	-50.00	0.00627	9.00	-50.00	0.00665

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

11.00	-50.00	0.00589	13.00	-50.00	0.00527
15.00	-50.00	0.00477	17.00	-50.00	0.00434
20.00	-50.00	0.00380	25.00	-50.00	0.00308
30.00	-50.00	0.00254	40.00	-50.00	0.00181
50.00	-50.00	0.00134	60.00	-50.00	0.00102
70.00	-50.00	0.00079	80.00	-50.00	0.00063
90.00	-50.00	0.00051	100.00	-50.00	0.00042
-100.00	-40.00	0.00044	-90.00	-40.00	0.00050
-80.00	-40.00	0.00057	-70.00	-40.00	0.00066
-60.00	-40.00	0.00078	-50.00	-40.00	0.00096
-40.00	-40.00	0.00125	-30.00	-40.00	0.00179
-25.00	-40.00	0.00223	-20.00	-40.00	0.00288

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00341	-15.00	-40.00	0.00384
-13.00	-40.00	0.00435	-11.00	-40.00	0.00497
-9.00	-40.00	0.00573	9.00	-40.00	0.00644
11.00	-40.00	0.00578	13.00	-40.00	0.00522
15.00	-40.00	0.00474	17.00	-40.00	0.00433
20.00	-40.00	0.00381	25.00	-40.00	0.00311
30.00	-40.00	0.00258	40.00	-40.00	0.00185
50.00	-40.00	0.00138	60.00	-40.00	0.00105
70.00	-40.00	0.00083	80.00	-40.00	0.00066
90.00	-40.00	0.00053	100.00	-40.00	0.00044
-100.00	-30.00	0.00040	-90.00	-30.00	0.00045
-80.00	-30.00	0.00051	-70.00	-30.00	0.00060
-60.00	-30.00	0.00072	-50.00	-30.00	0.00089
-40.00	-30.00	0.00120	-30.00	-30.00	0.00176
-25.00	-30.00	0.00221	-20.00	-30.00	0.00285
-17.00	-30.00	0.00337	-15.00	-30.00	0.00379
-13.00	-30.00	0.00428	-11.00	-30.00	0.00484
-9.00	-30.00	0.00546	9.00	-30.00	0.00552
11.00	-30.00	0.00511	13.00	-30.00	0.00472
15.00	-30.00	0.00437	17.00	-30.00	0.00405
20.00	-30.00	0.00361	25.00	-30.00	0.00302
30.00	-30.00	0.00254	40.00	-30.00	0.00184

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

50.00	-30.00	0.00138	60.00	-30.00	0.00107
70.00	-30.00	0.00084	80.00	-30.00	0.00068
90.00	-30.00	0.00055	100.00	-30.00	0.00045
-100.00	-20.00	0.00037	-90.00	-20.00	0.00041
-80.00	-20.00	0.00047	-70.00	-20.00	0.00056
-60.00	-20.00	0.00067	-50.00	-20.00	0.00086
-40.00	-20.00	0.00117	-30.00	-20.00	0.00174
-25.00	-20.00	0.00219	-20.00	-20.00	0.00281
-17.00	-20.00	0.00329	-15.00	-20.00	0.00364
-13.00	-20.00	0.00402	-11.00	-20.00	0.00441
-9.00	-20.00	0.00479	9.00	-20.00	0.00454
11.00	-20.00	0.00429	13.00	-20.00	0.00404
15.00	-20.00	0.00380	17.00	-20.00	0.00357
20.00	-20.00	0.00326	25.00	-20.00	0.00279
30.00	-20.00	0.00240	40.00	-20.00	0.00180
50.00	-20.00	0.00137	60.00	-20.00	0.00107
70.00	-20.00	0.00085	80.00	-20.00	0.00069
90.00	-20.00	0.00056	100.00	-20.00	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00034	-90.00	-10.00	0.00039
-80.00	-10.00	0.00044	-70.00	-10.00	0.00052
-60.00	-10.00	0.00064	-50.00	-10.00	0.00083
-40.00	-10.00	0.00115	-30.00	-10.00	0.00172
-25.00	-10.00	0.00215	-20.00	-10.00	0.00269
-17.00	-10.00	0.00306	-15.00	-10.00	0.00332
-13.00	-10.00	0.00358	-11.00	-10.00	0.00382
-9.00	-10.00	0.00403	9.00	-10.00	0.00372
11.00	-10.00	0.00356	13.00	-10.00	0.00341
15.00	-10.00	0.00325	17.00	-10.00	0.00309
20.00	-10.00	0.00286	25.00	-10.00	0.00251
30.00	-10.00	0.00220	40.00	-10.00	0.00171
50.00	-10.00	0.00133	60.00	-10.00	0.00105
70.00	-10.00	0.00085	80.00	-10.00	0.00069
90.00	-10.00	0.00057	100.00	-10.00	0.00047
-100.00	0.00	0.00032	-90.00	0.00	0.00036

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-80.00	0.00	0.00042	-70.00	0.00	0.00050
-60.00	0.00	0.00062	-50.00	0.00	0.00082
-40.00	0.00	0.00114	-30.00	0.00	0.00168
-25.00	0.00	0.00205	-20.00	0.00	0.00249
-17.00	0.00	0.00276	-15.00	0.00	0.00293
-13.00	0.00	0.00310	-11.00	0.00	0.00324
-9.00	0.00	0.00336	9.00	0.00	0.00307
11.00	0.00	0.00297	13.00	0.00	0.00286
15.00	0.00	0.00276	17.00	0.00	0.00265
20.00	0.00	0.00249	25.00	0.00	0.00223
30.00	0.00	0.00199	40.00	0.00	0.00158
50.00	0.00	0.00127	60.00	0.00	0.00102
70.00	0.00	0.00083	80.00	0.00	0.00068
90.00	0.00	0.00057	100.00	0.00	0.00048
-100.00	10.00	0.00030	-90.00	10.00	0.00034
-80.00	10.00	0.00040	-70.00	10.00	0.00048
-60.00	10.00	0.00060	-50.00	10.00	0.00081
-40.00	10.00	0.00113	-30.00	10.00	0.00161
-25.00	10.00	0.00192	-20.00	10.00	0.00224
-17.00	10.00	0.00243	-15.00	10.00	0.00255
-13.00	10.00	0.00265	-11.00	10.00	0.00274
-9.00	10.00	0.00281	9.00	10.00	0.00257
11.00	10.00	0.00249	13.00	10.00	0.00242
15.00	10.00	0.00235	17.00	10.00	0.00227

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 93
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00216	25.00	10.00	0.00197
30.00	10.00	0.00179	40.00	10.00	0.00145
50.00	10.00	0.00119	60.00	10.00	0.00098
70.00	10.00	0.00081	80.00	10.00	0.00067
90.00	10.00	0.00057	100.00	10.00	0.00048
-100.00	20.00	0.00028	-90.00	20.00	0.00032
-80.00	20.00	0.00038	-70.00	20.00	0.00047
-60.00	20.00	0.00060	-50.00	20.00	0.00080
-40.00	20.00	0.00110	-30.00	20.00	0.00152
-25.00	20.00	0.00176	-20.00	20.00	0.00200

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-17.00	20.00	0.00213	-15.00	20.00	0.00221
-13.00	20.00	0.00228	-11.00	20.00	0.00233
-9.00	20.00	0.00237	9.00	20.00	0.00217
11.00	20.00	0.00212	13.00	20.00	0.00206
15.00	20.00	0.00201	17.00	20.00	0.00196
20.00	20.00	0.00187	25.00	20.00	0.00174
30.00	20.00	0.00160	40.00	20.00	0.00133
50.00	20.00	0.00110	60.00	20.00	0.00092
70.00	20.00	0.00077	80.00	20.00	0.00065
90.00	20.00	0.00056	100.00	20.00	0.00047
-100.00	30.00	0.00027	-90.00	30.00	0.00031
-80.00	30.00	0.00037	-70.00	30.00	0.00046
-60.00	30.00	0.00059	-50.00	30.00	0.00078
-40.00	30.00	0.00106	-30.00	30.00	0.00141
-25.00	30.00	0.00160	-20.00	30.00	0.00178
-17.00	30.00	0.00187	-15.00	30.00	0.00192
-13.00	30.00	0.00196	-11.00	30.00	0.00200
-9.00	30.00	0.00202	9.00	30.00	0.00186
11.00	30.00	0.00182	13.00	30.00	0.00178
15.00	30.00	0.00174	17.00	30.00	0.00170
20.00	30.00	0.00163	25.00	30.00	0.00153
30.00	30.00	0.00143	40.00	30.00	0.00122
50.00	30.00	0.00102	60.00	30.00	0.00086
70.00	30.00	0.00073	80.00	30.00	0.00063
90.00	30.00	0.00054	100.00	30.00	0.00047
-100.00	40.00	0.00026	-90.00	40.00	0.00030
-80.00	40.00	0.00036	-70.00	40.00	0.00045
-60.00	40.00	0.00058	-50.00	40.00	0.00077
-40.00	40.00	0.00101	-30.00	40.00	0.00130
-25.00	40.00	0.00145	-20.00	40.00	0.00158

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00164	-15.00	40.00	0.00168
-13.00	40.00	0.00171	-11.00	40.00	0.00173
-9.00	40.00	0.00174	9.00	40.00	0.00161
11.00	40.00	0.00158	13.00	40.00	0.00154

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

15.00	40.00	0.00151	17.00	40.00	0.00148
20.00	40.00	0.00143	25.00	40.00	0.00135
30.00	40.00	0.00127	40.00	40.00	0.00111
50.00	40.00	0.00095	60.00	40.00	0.00081
70.00	40.00	0.00069	80.00	40.00	0.00060
90.00	40.00	0.00052	100.00	40.00	0.00045
-100.00	50.00	0.00025	-90.00	50.00	0.00030
-80.00	50.00	0.00036	-70.00	50.00	0.00045
-60.00	50.00	0.00058	-50.00	50.00	0.00075
-40.00	50.00	0.00096	-30.00	50.00	0.00119
-25.00	50.00	0.00130	-20.00	50.00	0.00140
-17.00	50.00	0.00145	-15.00	50.00	0.00147
-13.00	50.00	0.00149	-11.00	50.00	0.00151
-9.00	50.00	0.00152	9.00	50.00	0.00140
11.00	50.00	0.00138	13.00	50.00	0.00135
15.00	50.00	0.00133	17.00	50.00	0.00130
20.00	50.00	0.00127	25.00	50.00	0.00120
30.00	50.00	0.00114	40.00	50.00	0.00101
50.00	50.00	0.00088	60.00	50.00	0.00076
70.00	50.00	0.00065	80.00	50.00	0.00057
90.00	50.00	0.00050	100.00	50.00	0.00044
-100.00	60.00	0.00025	-90.00	60.00	0.00029
-80.00	60.00	0.00036	-70.00	60.00	0.00044
-60.00	60.00	0.00057	-50.00	60.00	0.00072
-40.00	60.00	0.00090	-30.00	60.00	0.00109
-25.00	60.00	0.00118	-20.00	60.00	0.00125
-17.00	60.00	0.00128	-15.00	60.00	0.00130
-13.00	60.00	0.00131	-11.00	60.00	0.00132
-9.00	60.00	0.00133	9.00	60.00	0.00124
11.00	60.00	0.00122	13.00	60.00	0.00120
15.00	60.00	0.00118	17.00	60.00	0.00116
20.00	60.00	0.00112	25.00	60.00	0.00107
30.00	60.00	0.00102	40.00	60.00	0.00092
50.00	60.00	0.00081	60.00	60.00	0.00071
70.00	60.00	0.00062	80.00	60.00	0.00054
90.00	60.00	0.00047	100.00	60.00	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00024	-90.00	70.00	0.00029
-80.00	70.00	0.00035	-70.00	70.00	0.00044
-60.00	70.00	0.00055	-50.00	70.00	0.00069
-40.00	70.00	0.00084	-30.00	70.00	0.00100
-25.00	70.00	0.00106	-20.00	70.00	0.00112
-17.00	70.00	0.00114	-15.00	70.00	0.00116
-13.00	70.00	0.00117	-11.00	70.00	0.00117
-9.00	70.00	0.00118	9.00	70.00	0.00110
11.00	70.00	0.00108	13.00	70.00	0.00106
15.00	70.00	0.00105	17.00	70.00	0.00103
20.00	70.00	0.00101	25.00	70.00	0.00096
30.00	70.00	0.00092	40.00	70.00	0.00084
50.00	70.00	0.00075	60.00	70.00	0.00066
70.00	70.00	0.00058	80.00	70.00	0.00051
90.00	70.00	0.00045	100.00	70.00	0.00040
-100.00	80.00	0.00024	-90.00	80.00	0.00029
-80.00	80.00	0.00035	-70.00	80.00	0.00043
-60.00	80.00	0.00054	-50.00	80.00	0.00066
-40.00	80.00	0.00079	-30.00	80.00	0.00091
-25.00	80.00	0.00097	-20.00	80.00	0.00101
-17.00	80.00	0.00102	-15.00	80.00	0.00103
-13.00	80.00	0.00104	-11.00	80.00	0.00104
-9.00	80.00	0.00105	9.00	80.00	0.00098
11.00	80.00	0.00097	13.00	80.00	0.00095
15.00	80.00	0.00094	17.00	80.00	0.00093
20.00	80.00	0.00090	25.00	80.00	0.00087
30.00	80.00	0.00084	40.00	80.00	0.00077
50.00	80.00	0.00069	60.00	80.00	0.00062
70.00	80.00	0.00055	80.00	80.00	0.00049
90.00	80.00	0.00043	100.00	80.00	0.00039
-100.00	90.00	0.00024	-90.00	90.00	0.00028
-80.00	90.00	0.00035	-70.00	90.00	0.00042
-60.00	90.00	0.00052	-50.00	90.00	0.00062
-40.00	90.00	0.00074	-30.00	90.00	0.00084
-25.00	90.00	0.00088	-20.00	90.00	0.00091
-17.00	90.00	0.00092	-15.00	90.00	0.00093
-13.00	90.00	0.00093	-11.00	90.00	0.00094
-9.00	90.00	0.00094	9.00	90.00	0.00088
11.00	90.00	0.00087	13.00	90.00	0.00086
15.00	90.00	0.00085	17.00	90.00	0.00084

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	90.00	0.00082	25.00	90.00	0.00079	
30.00	90.00	0.00076	40.00	90.00	0.00070	
50.00	90.00	0.00064	60.00	90.00	0.00058	
70.00	90.00	0.00052	80.00	90.00	0.00046	
90.00	90.00	0.00041	100.00	90.00	0.00037	
-100.00	100.00	0.00024	-90.00	100.00	0.00028	
-80.00	100.00	0.00034	-70.00	100.00	0.00041	
-60.00	100.00	0.00050	-50.00	100.00	0.00059	
-40.00	100.00	0.00069	-30.00	100.00	0.00077	
-25.00	100.00	0.00080	-20.00	100.00	0.00082	
-17.00	100.00	0.00083	-15.00	100.00	0.00084	
-13.00	100.00	0.00084	-11.00	100.00	0.00085	
-9.00	100.00	0.00085	9.00	100.00	0.00080	
11.00	100.00	0.00079	13.00	100.00	0.00078	
15.00	100.00	0.00077	17.00	100.00	0.00076	
20.00	100.00	0.00074	25.00	100.00	0.00072	
30.00	100.00	0.00069	40.00	100.00	0.00064	
50.00	100.00	0.00059	60.00	100.00	0.00054	
70.00	100.00	0.00049	80.00	100.00	0.00044	
90.00	100.00	0.00039	100.00	100.00	0.00035	
-100.00	110.00	0.00023	-90.00	110.00	0.00028	
-80.00	110.00	0.00034	-70.00	110.00	0.00040	
-60.00	110.00	0.00048	-50.00	110.00	0.00056	
-40.00	110.00	0.00064	-30.00	110.00	0.00071	
-25.00	110.00	0.00073	-20.00	110.00	0.00075	
-17.00	110.00	0.00076	-15.00	110.00	0.00076	
-13.00	110.00	0.00077	-11.00	110.00	0.00077	
-9.00	110.00	0.00077	9.00	110.00	0.00072	
11.00	110.00	0.00072	13.00	110.00	0.00071	
15.00	110.00	0.00070	17.00	110.00	0.00069	
20.00	110.00	0.00068	25.00	110.00	0.00066	
30.00	110.00	0.00064	40.00	110.00	0.00059	
50.00	110.00	0.00055	60.00	110.00	0.00051	
70.00	110.00	0.00046	80.00	110.00	0.00042	
90.00	110.00	0.00038	100.00	110.00	0.00034	
-100.00	120.00	0.00023	-90.00	120.00	0.00028	

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-80.00	120.00	0.00033	-70.00	120.00	0.00039
-60.00	120.00	0.00046	-50.00	120.00	0.00053
-40.00	120.00	0.00060	-30.00	120.00	0.00065
-25.00	120.00	0.00067	-20.00	120.00	0.00069

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 97
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00069	-15.00	120.00	0.00070
-13.00	120.00	0.00070	-11.00	120.00	0.00070
-9.00	120.00	0.00070	9.00	120.00	0.00066
11.00	120.00	0.00065	13.00	120.00	0.00065
15.00	120.00	0.00064	17.00	120.00	0.00063
20.00	120.00	0.00062	25.00	120.00	0.00060
30.00	120.00	0.00058	40.00	120.00	0.00055
50.00	120.00	0.00051	60.00	120.00	0.00047
70.00	120.00	0.00044	80.00	120.00	0.00040
90.00	120.00	0.00036	100.00	120.00	0.00033
-100.00	130.00	0.00023	-90.00	130.00	0.00027
-80.00	130.00	0.00032	-70.00	130.00	0.00038
-60.00	130.00	0.00044	-50.00	130.00	0.00050
-40.00	130.00	0.00056	-30.00	130.00	0.00060
-25.00	130.00	0.00062	-20.00	130.00	0.00063
-17.00	130.00	0.00064	-15.00	130.00	0.00064
-13.00	130.00	0.00064	-11.00	130.00	0.00064
-9.00	130.00	0.00064	9.00	130.00	0.00061
11.00	130.00	0.00060	13.00	130.00	0.00059
15.00	130.00	0.00059	17.00	130.00	0.00058
20.00	130.00	0.00057	25.00	130.00	0.00055
30.00	130.00	0.00054	40.00	130.00	0.00051
50.00	130.00	0.00048	60.00	130.00	0.00044
70.00	130.00	0.00041	80.00	130.00	0.00038
90.00	130.00	0.00034	100.00	130.00	0.00031
-100.00	140.00	0.00023	-90.00	140.00	0.00027
-80.00	140.00	0.00031	-70.00	140.00	0.00036
-60.00	140.00	0.00042	-50.00	140.00	0.00047
-40.00	140.00	0.00052	-30.00	140.00	0.00056
-25.00	140.00	0.00057	-20.00	140.00	0.00058

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-17.00	140.00	0.00058	-15.00	140.00	0.00059
-13.00	140.00	0.00059	-11.00	140.00	0.00059
-9.00	140.00	0.00059	9.00	140.00	0.00056
11.00	140.00	0.00055	13.00	140.00	0.00055
15.00	140.00	0.00054	17.00	140.00	0.00054
20.00	140.00	0.00053	25.00	140.00	0.00051
30.00	140.00	0.00050	40.00	140.00	0.00047
50.00	140.00	0.00044	60.00	140.00	0.00042
70.00	140.00	0.00039	80.00	140.00	0.00036
90.00	140.00	0.00033	100.00	140.00	0.00030

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00023	-90.00	150.00	0.00026
-80.00	150.00	0.00030	-70.00	150.00	0.00035
-60.00	150.00	0.00040	-50.00	150.00	0.00045
-40.00	150.00	0.00049	-30.00	150.00	0.00052
-25.00	150.00	0.00053	-20.00	150.00	0.00054
-17.00	150.00	0.00054	-15.00	150.00	0.00054
-13.00	150.00	0.00054	-11.00	150.00	0.00054
-9.00	150.00	0.00054	9.00	150.00	0.00051
11.00	150.00	0.00051	13.00	150.00	0.00051
15.00	150.00	0.00050	17.00	150.00	0.00050
20.00	150.00	0.00049	25.00	150.00	0.00048
30.00	150.00	0.00046	40.00	150.00	0.00044
50.00	150.00	0.00042	60.00	150.00	0.00039
70.00	150.00	0.00037	80.00	150.00	0.00034
90.00	150.00	0.00031	100.00	150.00	0.00029
-100.00	160.00	0.00022	-90.00	160.00	0.00026
-80.00	160.00	0.00030	-70.00	160.00	0.00034
-60.00	160.00	0.00038	-50.00	160.00	0.00042
-40.00	160.00	0.00046	-30.00	160.00	0.00048
-25.00	160.00	0.00049	-20.00	160.00	0.00050
-17.00	160.00	0.00050	-15.00	160.00	0.00050
-13.00	160.00	0.00050	-11.00	160.00	0.00050
-9.00	160.00	0.00050	9.00	160.00	0.00048
11.00	160.00	0.00047	13.00	160.00	0.00047

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

15.00	160.00	0.00046	17.00	160.00	0.00046
20.00	160.00	0.00045	25.00	160.00	0.00044
30.00	160.00	0.00043	40.00	160.00	0.00041
50.00	160.00	0.00039	60.00	160.00	0.00037
70.00	160.00	0.00034	80.00	160.00	0.00032
90.00	160.00	0.00030	100.00	160.00	0.00028
-100.00	170.00	0.00022	-90.00	170.00	0.00025
-80.00	170.00	0.00029	-70.00	170.00	0.00032
-60.00	170.00	0.00036	-50.00	170.00	0.00040
-40.00	170.00	0.00043	-30.00	170.00	0.00045
-25.00	170.00	0.00046	-20.00	170.00	0.00046
-17.00	170.00	0.00046	-15.00	170.00	0.00046
-13.00	170.00	0.00046	-11.00	170.00	0.00046
-9.00	170.00	0.00046	9.00	170.00	0.00044
11.00	170.00	0.00044	13.00	170.00	0.00044
15.00	170.00	0.00043	17.00	170.00	0.00043

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00042	25.00	170.00	0.00041
30.00	170.00	0.00040	40.00	170.00	0.00038
50.00	170.00	0.00036	60.00	170.00	0.00035
70.00	170.00	0.00033	80.00	170.00	0.00031
90.00	170.00	0.00028	100.00	170.00	0.00026
-100.00	180.00	0.00021	-90.00	180.00	0.00024
-80.00	180.00	0.00028	-70.00	180.00	0.00031
-60.00	180.00	0.00034	-50.00	180.00	0.00038
-40.00	180.00	0.00040	-30.00	180.00	0.00042
-25.00	180.00	0.00043	-20.00	180.00	0.00043
-17.00	180.00	0.00043	-15.00	180.00	0.00043
-13.00	180.00	0.00043	-11.00	180.00	0.00043
-9.00	180.00	0.00043	9.00	180.00	0.00041
11.00	180.00	0.00041	13.00	180.00	0.00041
15.00	180.00	0.00040	17.00	180.00	0.00040
20.00	180.00	0.00039	25.00	180.00	0.00039
30.00	180.00	0.00038	40.00	180.00	0.00036
50.00	180.00	0.00034	60.00	180.00	0.00033

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

70.00	180.00	0.00031	80.00	180.00	0.00029
90.00	180.00	0.00027	100.00	180.00	0.00025
-100.00	190.00	0.00021	-90.00	190.00	0.00024
-80.00	190.00	0.00027	-70.00	190.00	0.00030
-60.00	190.00	0.00033	-50.00	190.00	0.00036
-40.00	190.00	0.00038	-30.00	190.00	0.00039
-25.00	190.00	0.00040	-20.00	190.00	0.00040
-17.00	190.00	0.00040	-15.00	190.00	0.00040
-13.00	190.00	0.00040	-11.00	190.00	0.00040
-9.00	190.00	0.00040	9.00	190.00	0.00039
11.00	190.00	0.00038	13.00	190.00	0.00038
15.00	190.00	0.00038	17.00	190.00	0.00037
20.00	190.00	0.00037	25.00	190.00	0.00036
30.00	190.00	0.00035	40.00	190.00	0.00034
50.00	190.00	0.00032	60.00	190.00	0.00031
70.00	190.00	0.00029	80.00	190.00	0.00028
90.00	190.00	0.00026	100.00	190.00	0.00024
-100.00	200.00	0.00021	-90.00	200.00	0.00023
-80.00	200.00	0.00026	-70.00	200.00	0.00029
-60.00	200.00	0.00031	-50.00	200.00	0.00034
-40.00	200.00	0.00036	-30.00	200.00	0.00037
-25.00	200.00	0.00037	-20.00	200.00	0.00038

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 16:57:07 *** Maximum train overlap at North/South Bound Direction ***

**MODELOPTs:
 PAGE 100

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00038	-15.00	200.00	0.00038
-13.00	200.00	0.00038	-11.00	200.00	0.00038
-9.00	200.00	0.00038	9.00	200.00	0.00036
11.00	200.00	0.00036	13.00	200.00	0.00036
15.00	200.00	0.00035	17.00	200.00	0.00035
20.00	200.00	0.00035	25.00	200.00	0.00034
30.00	200.00	0.00033	40.00	200.00	0.00032
50.00	200.00	0.00030	60.00	200.00	0.00029
70.00	200.00	0.00028	80.00	200.00	0.00026
90.00	200.00	0.00025	100.00	200.00	0.00023
-100.00	210.00	0.00020	-90.00	210.00	0.00023
-80.00	210.00	0.00025	-70.00	210.00	0.00028

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-60.00	210.00	0.00030	-50.00	210.00	0.00032
-40.00	210.00	0.00034	-30.00	210.00	0.00035
-25.00	210.00	0.00035	-20.00	210.00	0.00035
-17.00	210.00	0.00035	-15.00	210.00	0.00035
-13.00	210.00	0.00035	-11.00	210.00	0.00035
-9.00	210.00	0.00035	9.00	210.00	0.00034
11.00	210.00	0.00034	13.00	210.00	0.00033
15.00	210.00	0.00033	17.00	210.00	0.00033
20.00	210.00	0.00033	25.00	210.00	0.00032
30.00	210.00	0.00031	40.00	210.00	0.00030
50.00	210.00	0.00029	60.00	210.00	0.00028
70.00	210.00	0.00026	80.00	210.00	0.00025
90.00	210.00	0.00024	100.00	210.00	0.00022
-100.00	220.00	0.00020	-90.00	220.00	0.00022
-80.00	220.00	0.00024	-70.00	220.00	0.00026
-60.00	220.00	0.00029	-50.00	220.00	0.00030
-40.00	220.00	0.00032	-30.00	220.00	0.00033
-25.00	220.00	0.00033	-20.00	220.00	0.00033
-17.00	220.00	0.00033	-15.00	220.00	0.00033
-13.00	220.00	0.00033	-11.00	220.00	0.00033
-9.00	220.00	0.00033	9.00	220.00	0.00032
11.00	220.00	0.00032	13.00	220.00	0.00031
15.00	220.00	0.00031	17.00	220.00	0.00031
20.00	220.00	0.00031	25.00	220.00	0.00030
30.00	220.00	0.00030	40.00	220.00	0.00028
50.00	220.00	0.00027	60.00	220.00	0.00026
70.00	220.00	0.00025	80.00	220.00	0.00024
90.00	220.00	0.00023	100.00	220.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00019	-90.00	230.00	0.00021
-80.00	230.00	0.00023	-70.00	230.00	0.00025
-60.00	230.00	0.00027	-50.00	230.00	0.00029
-40.00	230.00	0.00030	-30.00	230.00	0.00031
-25.00	230.00	0.00031	-20.00	230.00	0.00031
-17.00	230.00	0.00031	-15.00	230.00	0.00031

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-13.00	230.00	0.00031	-11.00	230.00	0.00031
-9.00	230.00	0.00031	9.00	230.00	0.00030
11.00	230.00	0.00030	13.00	230.00	0.00030
15.00	230.00	0.00029	17.00	230.00	0.00029
20.00	230.00	0.00029	25.00	230.00	0.00028
30.00	230.00	0.00028	40.00	230.00	0.00027
50.00	230.00	0.00026	60.00	230.00	0.00025
70.00	230.00	0.00024	80.00	230.00	0.00023
90.00	230.00	0.00022	100.00	230.00	0.00021
-100.00	240.00	0.00019	-90.00	240.00	0.00021
-80.00	240.00	0.00022	-70.00	240.00	0.00024
-60.00	240.00	0.00026	-50.00	240.00	0.00027
-40.00	240.00	0.00029	-30.00	240.00	0.00029
-25.00	240.00	0.00029	-20.00	240.00	0.00030
-17.00	240.00	0.00030	-15.00	240.00	0.00030
-13.00	240.00	0.00030	-11.00	240.00	0.00030
-9.00	240.00	0.00029	9.00	240.00	0.00028
11.00	240.00	0.00028	13.00	240.00	0.00028
15.00	240.00	0.00028	17.00	240.00	0.00028
20.00	240.00	0.00027	25.00	240.00	0.00027
30.00	240.00	0.00026	40.00	240.00	0.00025
50.00	240.00	0.00024	60.00	240.00	0.00024
70.00	240.00	0.00023	80.00	240.00	0.00022
90.00	240.00	0.00021	100.00	240.00	0.00020
-100.00	250.00	0.00018	-90.00	250.00	0.00020
-80.00	250.00	0.00022	-70.00	250.00	0.00023
-60.00	250.00	0.00025	-50.00	250.00	0.00026
-40.00	250.00	0.00027	-30.00	250.00	0.00028
-25.00	250.00	0.00028	-20.00	250.00	0.00028
-17.00	250.00	0.00028	-15.00	250.00	0.00028
-13.00	250.00	0.00028	-11.00	250.00	0.00028
-9.00	250.00	0.00028	9.00	250.00	0.00027
11.00	250.00	0.00027	13.00	250.00	0.00027
15.00	250.00	0.00026	17.00	250.00	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-------------	-------------	------	-------------	-------------	------

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

20.00	250.00	0.00026	25.00	250.00	0.00025
30.00	250.00	0.00025	40.00	250.00	0.00024
50.00	250.00	0.00023	60.00	250.00	0.00022
70.00	250.00	0.00022	80.00	250.00	0.00021
90.00	250.00	0.00020	100.00	250.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 103
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00117	-90.00	-250.00	0.00133
-80.00	-250.00	0.00151	-70.00	-250.00	0.00172
-60.00	-250.00	0.00196	-50.00	-250.00	0.00220
-40.00	-250.00	0.00244	-30.00	-250.00	0.00264
-25.00	-250.00	0.00273	-20.00	-250.00	0.00279
-17.00	-250.00	0.00280	-15.00	-250.00	0.00280
-13.00	-250.00	0.00279	-11.00	-250.00	0.00277
-9.00	-250.00	0.00273	9.00	-250.00	0.00171
11.00	-250.00	0.00158	13.00	-250.00	0.00145
15.00	-250.00	0.00133	17.00	-250.00	0.00123
20.00	-250.00	0.00110	25.00	-250.00	0.00092
30.00	-250.00	0.00079	40.00	-250.00	0.00061
50.00	-250.00	0.00048	60.00	-250.00	0.00040
70.00	-250.00	0.00033	80.00	-250.00	0.00028
90.00	-250.00	0.00024	100.00	-250.00	0.00021
-100.00	-240.00	0.00118	-90.00	-240.00	0.00136
-80.00	-240.00	0.00157	-70.00	-240.00	0.00182
-60.00	-240.00	0.00211	-50.00	-240.00	0.00244
-40.00	-240.00	0.00279	-30.00	-240.00	0.00313
-25.00	-240.00	0.00327	-20.00	-240.00	0.00337
-17.00	-240.00	0.00343	-15.00	-240.00	0.00345
-13.00	-240.00	0.00347	-11.00	-240.00	0.00346
-9.00	-240.00	0.00344	9.00	-240.00	0.00193
11.00	-240.00	0.00175	13.00	-240.00	0.00159
15.00	-240.00	0.00145	17.00	-240.00	0.00134
20.00	-240.00	0.00119	25.00	-240.00	0.00099
30.00	-240.00	0.00084	40.00	-240.00	0.00064
50.00	-240.00	0.00051	60.00	-240.00	0.00042
70.00	-240.00	0.00035	80.00	-240.00	0.00029

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

90.00	-240.00	0.00025	100.00	-240.00	0.00021
-100.00	-230.00	0.00118	-90.00	-230.00	0.00136
-80.00	-230.00	0.00159	-70.00	-230.00	0.00186
-60.00	-230.00	0.00218	-50.00	-230.00	0.00257
-40.00	-230.00	0.00301	-30.00	-230.00	0.00349
-25.00	-230.00	0.00374	-20.00	-230.00	0.00399
-17.00	-230.00	0.00414	-15.00	-230.00	0.00423
-13.00	-230.00	0.00432	-11.00	-230.00	0.00442
-9.00	-230.00	0.00450	9.00	-230.00	0.00213
11.00	-230.00	0.00191	13.00	-230.00	0.00172
15.00	-230.00	0.00157	17.00	-230.00	0.00143

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00127	25.00	-230.00	0.00105
30.00	-230.00	0.00090	40.00	-230.00	0.00068
50.00	-230.00	0.00054	60.00	-230.00	0.00044
70.00	-230.00	0.00037	80.00	-230.00	0.00031
90.00	-230.00	0.00026	100.00	-230.00	0.00022
-100.00	-220.00	0.00114	-90.00	-220.00	0.00134
-80.00	-220.00	0.00157	-70.00	-220.00	0.00185
-60.00	-220.00	0.00219	-50.00	-220.00	0.00260
-40.00	-220.00	0.00308	-30.00	-220.00	0.00363
-25.00	-220.00	0.00392	-20.00	-220.00	0.00423
-17.00	-220.00	0.00443	-15.00	-220.00	0.00458
-13.00	-220.00	0.00474	-11.00	-220.00	0.00494
-9.00	-220.00	0.00520	9.00	-220.00	0.00250
11.00	-220.00	0.00219	13.00	-220.00	0.00195
15.00	-220.00	0.00177	17.00	-220.00	0.00161
20.00	-220.00	0.00142	25.00	-220.00	0.00117
30.00	-220.00	0.00100	40.00	-220.00	0.00076
50.00	-220.00	0.00060	60.00	-220.00	0.00049
70.00	-220.00	0.00040	80.00	-220.00	0.00033
90.00	-220.00	0.00028	100.00	-220.00	0.00024
-100.00	-210.00	0.00109	-90.00	-210.00	0.00128
-80.00	-210.00	0.00151	-70.00	-210.00	0.00180
-60.00	-210.00	0.00214	-50.00	-210.00	0.00256

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-40.00	-210.00	0.00305	-30.00	-210.00	0.00362
-25.00	-210.00	0.00393	-20.00	-210.00	0.00427
-17.00	-210.00	0.00451	-15.00	-210.00	0.00468
-13.00	-210.00	0.00488	-11.00	-210.00	0.00515
-9.00	-210.00	0.00555	9.00	-210.00	0.00348
11.00	-210.00	0.00294	13.00	-210.00	0.00255
15.00	-210.00	0.00224	17.00	-210.00	0.00200
20.00	-210.00	0.00171	25.00	-210.00	0.00138
30.00	-210.00	0.00116	40.00	-210.00	0.00086
50.00	-210.00	0.00067	60.00	-210.00	0.00054
70.00	-210.00	0.00044	80.00	-210.00	0.00036
90.00	-210.00	0.00030	100.00	-210.00	0.00025
-100.00	-200.00	0.00101	-90.00	-200.00	0.00120
-80.00	-200.00	0.00142	-70.00	-200.00	0.00170
-60.00	-200.00	0.00204	-50.00	-200.00	0.00246
-40.00	-200.00	0.00295	-30.00	-200.00	0.00354
-25.00	-200.00	0.00387	-20.00	-200.00	0.00426

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
 PAGE 105

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00455	-15.00	-200.00	0.00479
-13.00	-200.00	0.00511	-11.00	-200.00	0.00554
-9.00	-200.00	0.00618	9.00	-200.00	0.00450
11.00	-200.00	0.00380	13.00	-200.00	0.00327
15.00	-200.00	0.00286	17.00	-200.00	0.00253
20.00	-200.00	0.00214	25.00	-200.00	0.00168
30.00	-200.00	0.00137	40.00	-200.00	0.00099
50.00	-200.00	0.00076	60.00	-200.00	0.00059
70.00	-200.00	0.00048	80.00	-200.00	0.00039
90.00	-200.00	0.00032	100.00	-200.00	0.00027
-100.00	-190.00	0.00091	-90.00	-190.00	0.00109
-80.00	-190.00	0.00130	-70.00	-190.00	0.00157
-60.00	-190.00	0.00190	-50.00	-190.00	0.00231
-40.00	-190.00	0.00280	-30.00	-190.00	0.00340
-25.00	-190.00	0.00376	-20.00	-190.00	0.00424
-17.00	-190.00	0.00463	-15.00	-190.00	0.00498
-13.00	-190.00	0.00543	-11.00	-190.00	0.00602

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-9.00	-190.00	0.00682	9.00	-190.00	0.00530
11.00	-190.00	0.00451	13.00	-190.00	0.00390
15.00	-190.00	0.00342	17.00	-190.00	0.00303
20.00	-190.00	0.00256	25.00	-190.00	0.00201
30.00	-190.00	0.00163	40.00	-190.00	0.00114
50.00	-190.00	0.00085	60.00	-190.00	0.00065
70.00	-190.00	0.00052	80.00	-190.00	0.00042
90.00	-190.00	0.00035	100.00	-190.00	0.00030
-100.00	-180.00	0.00081	-90.00	-180.00	0.00096
-80.00	-180.00	0.00116	-70.00	-180.00	0.00141
-60.00	-180.00	0.00172	-50.00	-180.00	0.00211
-40.00	-180.00	0.00259	-30.00	-180.00	0.00320
-25.00	-180.00	0.00361	-20.00	-180.00	0.00420
-17.00	-180.00	0.00470	-15.00	-180.00	0.00514
-13.00	-180.00	0.00568	-11.00	-180.00	0.00637
-9.00	-180.00	0.00727	9.00	-180.00	0.00587
11.00	-180.00	0.00504	13.00	-180.00	0.00440
15.00	-180.00	0.00388	17.00	-180.00	0.00345
20.00	-180.00	0.00294	25.00	-180.00	0.00232
30.00	-180.00	0.00188	40.00	-180.00	0.00131
50.00	-180.00	0.00095	60.00	-180.00	0.00072
70.00	-180.00	0.00057	80.00	-180.00	0.00046
90.00	-180.00	0.00038	100.00	-180.00	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00071	-90.00	-170.00	0.00084
-80.00	-170.00	0.00100	-70.00	-170.00	0.00121
-60.00	-170.00	0.00149	-50.00	-170.00	0.00185
-40.00	-170.00	0.00231	-30.00	-170.00	0.00295
-25.00	-170.00	0.00342	-20.00	-170.00	0.00410
-17.00	-170.00	0.00468	-15.00	-170.00	0.00517
-13.00	-170.00	0.00577	-11.00	-170.00	0.00652
-9.00	-170.00	0.00747	9.00	-170.00	0.00625
11.00	-170.00	0.00541	13.00	-170.00	0.00476
15.00	-170.00	0.00423	17.00	-170.00	0.00379
20.00	-170.00	0.00325	25.00	-170.00	0.00258

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

30.00	-170.00	0.00210	40.00	-170.00	0.00146
50.00	-170.00	0.00106	60.00	-170.00	0.00080
70.00	-170.00	0.00062	80.00	-170.00	0.00050
90.00	-170.00	0.00041	100.00	-170.00	0.00034
-100.00	-160.00	0.00062	-90.00	-160.00	0.00073
-80.00	-160.00	0.00086	-70.00	-160.00	0.00102
-60.00	-160.00	0.00124	-50.00	-160.00	0.00154
-40.00	-160.00	0.00197	-30.00	-160.00	0.00263
-25.00	-160.00	0.00314	-20.00	-160.00	0.00387
-17.00	-160.00	0.00449	-15.00	-160.00	0.00501
-13.00	-160.00	0.00564	-11.00	-160.00	0.00643
-9.00	-160.00	0.00741	9.00	-160.00	0.00647
11.00	-160.00	0.00565	13.00	-160.00	0.00501
15.00	-160.00	0.00449	17.00	-160.00	0.00405
20.00	-160.00	0.00349	25.00	-160.00	0.00279
30.00	-160.00	0.00228	40.00	-160.00	0.00159
50.00	-160.00	0.00117	60.00	-160.00	0.00088
70.00	-160.00	0.00068	80.00	-160.00	0.00054
90.00	-160.00	0.00044	100.00	-160.00	0.00037
-100.00	-150.00	0.00055	-90.00	-150.00	0.00063
-80.00	-150.00	0.00074	-70.00	-150.00	0.00087
-60.00	-150.00	0.00104	-50.00	-150.00	0.00126
-40.00	-150.00	0.00161	-30.00	-150.00	0.00222
-25.00	-150.00	0.00274	-20.00	-150.00	0.00350
-17.00	-150.00	0.00413	-15.00	-150.00	0.00465
-13.00	-150.00	0.00529	-11.00	-150.00	0.00607
-9.00	-150.00	0.00705	9.00	-150.00	0.00659
11.00	-150.00	0.00580	13.00	-150.00	0.00517
15.00	-150.00	0.00466	17.00	-150.00	0.00423

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 107
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00367	25.00	-150.00	0.00295
30.00	-150.00	0.00243	40.00	-150.00	0.00171
50.00	-150.00	0.00126	60.00	-150.00	0.00096
70.00	-150.00	0.00074	80.00	-150.00	0.00059
90.00	-150.00	0.00048	100.00	-150.00	0.00039

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-100.00	-140.00	0.00049	-90.00	-140.00	0.00056
-80.00	-140.00	0.00064	-70.00	-140.00	0.00075
-60.00	-140.00	0.00089	-50.00	-140.00	0.00107
-40.00	-140.00	0.00137	-30.00	-140.00	0.00191
-25.00	-140.00	0.00236	-20.00	-140.00	0.00303
-17.00	-140.00	0.00359	-15.00	-140.00	0.00407
-13.00	-140.00	0.00464	-11.00	-140.00	0.00536
-9.00	-140.00	0.00627	9.00	-140.00	0.00665
11.00	-140.00	0.00589	13.00	-140.00	0.00527
15.00	-140.00	0.00477	17.00	-140.00	0.00434
20.00	-140.00	0.00380	25.00	-140.00	0.00308
30.00	-140.00	0.00254	40.00	-140.00	0.00181
50.00	-140.00	0.00134	60.00	-140.00	0.00102
70.00	-140.00	0.00079	80.00	-140.00	0.00063
90.00	-140.00	0.00051	100.00	-140.00	0.00042
-100.00	-130.00	0.00044	-90.00	-130.00	0.00050
-80.00	-130.00	0.00057	-70.00	-130.00	0.00066
-60.00	-130.00	0.00078	-50.00	-130.00	0.00096
-40.00	-130.00	0.00125	-30.00	-130.00	0.00179
-25.00	-130.00	0.00223	-20.00	-130.00	0.00288
-17.00	-130.00	0.00341	-15.00	-130.00	0.00384
-13.00	-130.00	0.00435	-11.00	-130.00	0.00497
-9.00	-130.00	0.00573	9.00	-130.00	0.00644
11.00	-130.00	0.00578	13.00	-130.00	0.00522
15.00	-130.00	0.00474	17.00	-130.00	0.00433
20.00	-130.00	0.00381	25.00	-130.00	0.00311
30.00	-130.00	0.00258	40.00	-130.00	0.00185
50.00	-130.00	0.00138	60.00	-130.00	0.00105
70.00	-130.00	0.00083	80.00	-130.00	0.00066
90.00	-130.00	0.00053	100.00	-130.00	0.00044
-100.00	-120.00	0.00040	-90.00	-120.00	0.00045
-80.00	-120.00	0.00051	-70.00	-120.00	0.00060
-60.00	-120.00	0.00072	-50.00	-120.00	0.00089
-40.00	-120.00	0.00120	-30.00	-120.00	0.00176
-25.00	-120.00	0.00221	-20.00	-120.00	0.00285

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***
 16:57:07
 **MODELOPTs:
 PAGE 108
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

 INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

		05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00337	-15.00	-120.00	0.00379
-13.00	-120.00	0.00428	-11.00	-120.00	0.00484
-9.00	-120.00	0.00546	9.00	-120.00	0.00552
11.00	-120.00	0.00511	13.00	-120.00	0.00472
15.00	-120.00	0.00437	17.00	-120.00	0.00405
20.00	-120.00	0.00361	25.00	-120.00	0.00302
30.00	-120.00	0.00254	40.00	-120.00	0.00184
50.00	-120.00	0.00138	60.00	-120.00	0.00107
70.00	-120.00	0.00084	80.00	-120.00	0.00068
90.00	-120.00	0.00055	100.00	-120.00	0.00045
-100.00	-110.00	0.00037	-90.00	-110.00	0.00041
-80.00	-110.00	0.00047	-70.00	-110.00	0.00056
-60.00	-110.00	0.00067	-50.00	-110.00	0.00086
-40.00	-110.00	0.00117	-30.00	-110.00	0.00174
-25.00	-110.00	0.00219	-20.00	-110.00	0.00281
-17.00	-110.00	0.00329	-15.00	-110.00	0.00364
-13.00	-110.00	0.00402	-11.00	-110.00	0.00441
-9.00	-110.00	0.00479	9.00	-110.00	0.00454
11.00	-110.00	0.00429	13.00	-110.00	0.00404
15.00	-110.00	0.00380	17.00	-110.00	0.00357
20.00	-110.00	0.00326	25.00	-110.00	0.00279
30.00	-110.00	0.00240	40.00	-110.00	0.00180
50.00	-110.00	0.00137	60.00	-110.00	0.00107
70.00	-110.00	0.00085	80.00	-110.00	0.00069
90.00	-110.00	0.00056	100.00	-110.00	0.00046
-100.00	-100.00	0.00034	-90.00	-100.00	0.00039
-80.00	-100.00	0.00044	-70.00	-100.00	0.00052
-60.00	-100.00	0.00064	-50.00	-100.00	0.00083
-40.00	-100.00	0.00115	-30.00	-100.00	0.00172
-25.00	-100.00	0.00215	-20.00	-100.00	0.00269
-17.00	-100.00	0.00306	-15.00	-100.00	0.00332
-13.00	-100.00	0.00358	-11.00	-100.00	0.00382
-9.00	-100.00	0.00403	9.00	-100.00	0.00372
11.00	-100.00	0.00356	13.00	-100.00	0.00341
15.00	-100.00	0.00325	17.00	-100.00	0.00309
20.00	-100.00	0.00286	25.00	-100.00	0.00251
30.00	-100.00	0.00220	40.00	-100.00	0.00171
50.00	-100.00	0.00133	60.00	-100.00	0.00105
70.00	-100.00	0.00085	80.00	-100.00	0.00069
90.00	-100.00	0.00057	100.00	-100.00	0.00047

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00032	-90.00	-90.00	0.00036
-80.00	-90.00	0.00042	-70.00	-90.00	0.00050
-60.00	-90.00	0.00062	-50.00	-90.00	0.00082
-40.00	-90.00	0.00114	-30.00	-90.00	0.00168
-25.00	-90.00	0.00205	-20.00	-90.00	0.00249
-17.00	-90.00	0.00276	-15.00	-90.00	0.00293
-13.00	-90.00	0.00310	-11.00	-90.00	0.00324
-9.00	-90.00	0.00336	9.00	-90.00	0.00307
11.00	-90.00	0.00297	13.00	-90.00	0.00286
15.00	-90.00	0.00276	17.00	-90.00	0.00265
20.00	-90.00	0.00249	25.00	-90.00	0.00223
30.00	-90.00	0.00199	40.00	-90.00	0.00158
50.00	-90.00	0.00127	60.00	-90.00	0.00102
70.00	-90.00	0.00083	80.00	-90.00	0.00068
90.00	-90.00	0.00057	100.00	-90.00	0.00048
-100.00	-80.00	0.00030	-90.00	-80.00	0.00034
-80.00	-80.00	0.00040	-70.00	-80.00	0.00048
-60.00	-80.00	0.00060	-50.00	-80.00	0.00081
-40.00	-80.00	0.00113	-30.00	-80.00	0.00161
-25.00	-80.00	0.00192	-20.00	-80.00	0.00224
-17.00	-80.00	0.00243	-15.00	-80.00	0.00255
-13.00	-80.00	0.00265	-11.00	-80.00	0.00274
-9.00	-80.00	0.00281	9.00	-80.00	0.00257
11.00	-80.00	0.00249	13.00	-80.00	0.00242
15.00	-80.00	0.00235	17.00	-80.00	0.00227
20.00	-80.00	0.00216	25.00	-80.00	0.00197
30.00	-80.00	0.00179	40.00	-80.00	0.00145
50.00	-80.00	0.00119	60.00	-80.00	0.00098
70.00	-80.00	0.00081	80.00	-80.00	0.00067
90.00	-80.00	0.00057	100.00	-80.00	0.00048
-100.00	-70.00	0.00028	-90.00	-70.00	0.00032
-80.00	-70.00	0.00038	-70.00	-70.00	0.00047
-60.00	-70.00	0.00060	-50.00	-70.00	0.00080
-40.00	-70.00	0.00110	-30.00	-70.00	0.00152
-25.00	-70.00	0.00176	-20.00	-70.00	0.00200
-17.00	-70.00	0.00213	-15.00	-70.00	0.00221
-13.00	-70.00	0.00228	-11.00	-70.00	0.00233

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-9.00	-70.00	0.00237	9.00	-70.00	0.00217
11.00	-70.00	0.00212	13.00	-70.00	0.00206
15.00	-70.00	0.00201	17.00	-70.00	0.00196

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00187	25.00	-70.00	0.00174
30.00	-70.00	0.00160	40.00	-70.00	0.00133
50.00	-70.00	0.00110	60.00	-70.00	0.00092
70.00	-70.00	0.00077	80.00	-70.00	0.00065
90.00	-70.00	0.00056	100.00	-70.00	0.00047
-100.00	-60.00	0.00027	-90.00	-60.00	0.00031
-80.00	-60.00	0.00037	-70.00	-60.00	0.00046
-60.00	-60.00	0.00059	-50.00	-60.00	0.00078
-40.00	-60.00	0.00106	-30.00	-60.00	0.00141
-25.00	-60.00	0.00160	-20.00	-60.00	0.00178
-17.00	-60.00	0.00187	-15.00	-60.00	0.00192
-13.00	-60.00	0.00196	-11.00	-60.00	0.00200
-9.00	-60.00	0.00202	9.00	-60.00	0.00186
11.00	-60.00	0.00182	13.00	-60.00	0.00178
15.00	-60.00	0.00174	17.00	-60.00	0.00170
20.00	-60.00	0.00163	25.00	-60.00	0.00153
30.00	-60.00	0.00143	40.00	-60.00	0.00122
50.00	-60.00	0.00102	60.00	-60.00	0.00086
70.00	-60.00	0.00073	80.00	-60.00	0.00063
90.00	-60.00	0.00054	100.00	-60.00	0.00047
-100.00	-50.00	0.00026	-90.00	-50.00	0.00030
-80.00	-50.00	0.00036	-70.00	-50.00	0.00045
-60.00	-50.00	0.00058	-50.00	-50.00	0.00077
-40.00	-50.00	0.00101	-30.00	-50.00	0.00130
-25.00	-50.00	0.00145	-20.00	-50.00	0.00158
-17.00	-50.00	0.00164	-15.00	-50.00	0.00168
-13.00	-50.00	0.00171	-11.00	-50.00	0.00173
-9.00	-50.00	0.00174	9.00	-50.00	0.00161
11.00	-50.00	0.00158	13.00	-50.00	0.00154
15.00	-50.00	0.00151	17.00	-50.00	0.00148
20.00	-50.00	0.00143	25.00	-50.00	0.00135

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

30.00	-50.00	0.00127	40.00	-50.00	0.00111
50.00	-50.00	0.00095	60.00	-50.00	0.00081
70.00	-50.00	0.00069	80.00	-50.00	0.00060
90.00	-50.00	0.00052	100.00	-50.00	0.00045
-100.00	-40.00	0.00025	-90.00	-40.00	0.00030
-80.00	-40.00	0.00036	-70.00	-40.00	0.00045
-60.00	-40.00	0.00058	-50.00	-40.00	0.00075
-40.00	-40.00	0.00096	-30.00	-40.00	0.00119
-25.00	-40.00	0.00130	-20.00	-40.00	0.00140

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00145	-15.00	-40.00	0.00147
-13.00	-40.00	0.00149	-11.00	-40.00	0.00151
-9.00	-40.00	0.00152	9.00	-40.00	0.00140
11.00	-40.00	0.00138	13.00	-40.00	0.00135
15.00	-40.00	0.00133	17.00	-40.00	0.00130
20.00	-40.00	0.00127	25.00	-40.00	0.00120
30.00	-40.00	0.00114	40.00	-40.00	0.00101
50.00	-40.00	0.00088	60.00	-40.00	0.00076
70.00	-40.00	0.00065	80.00	-40.00	0.00057
90.00	-40.00	0.00050	100.00	-40.00	0.00044
-100.00	-30.00	0.00025	-90.00	-30.00	0.00029
-80.00	-30.00	0.00036	-70.00	-30.00	0.00044
-60.00	-30.00	0.00057	-50.00	-30.00	0.00072
-40.00	-30.00	0.00090	-30.00	-30.00	0.00109
-25.00	-30.00	0.00118	-20.00	-30.00	0.00125
-17.00	-30.00	0.00128	-15.00	-30.00	0.00130
-13.00	-30.00	0.00131	-11.00	-30.00	0.00132
-9.00	-30.00	0.00133	9.00	-30.00	0.00124
11.00	-30.00	0.00122	13.00	-30.00	0.00120
15.00	-30.00	0.00118	17.00	-30.00	0.00116
20.00	-30.00	0.00112	25.00	-30.00	0.00107
30.00	-30.00	0.00102	40.00	-30.00	0.00092
50.00	-30.00	0.00081	60.00	-30.00	0.00071
70.00	-30.00	0.00062	80.00	-30.00	0.00054
90.00	-30.00	0.00047	100.00	-30.00	0.00042

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-100.00	-20.00	0.00024	-90.00	-20.00	0.00029
-80.00	-20.00	0.00035	-70.00	-20.00	0.00044
-60.00	-20.00	0.00055	-50.00	-20.00	0.00069
-40.00	-20.00	0.00084	-30.00	-20.00	0.00100
-25.00	-20.00	0.00106	-20.00	-20.00	0.00112
-17.00	-20.00	0.00114	-15.00	-20.00	0.00116
-13.00	-20.00	0.00117	-11.00	-20.00	0.00117
-9.00	-20.00	0.00118	9.00	-20.00	0.00110
11.00	-20.00	0.00108	13.00	-20.00	0.00106
15.00	-20.00	0.00105	17.00	-20.00	0.00103
20.00	-20.00	0.00101	25.00	-20.00	0.00096
30.00	-20.00	0.00092	40.00	-20.00	0.00084
50.00	-20.00	0.00075	60.00	-20.00	0.00066
70.00	-20.00	0.00058	80.00	-20.00	0.00051
90.00	-20.00	0.00045	100.00	-20.00	0.00040

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 112

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00024	-90.00	-10.00	0.00029
-80.00	-10.00	0.00035	-70.00	-10.00	0.00043
-60.00	-10.00	0.00054	-50.00	-10.00	0.00066
-40.00	-10.00	0.00079	-30.00	-10.00	0.00091
-25.00	-10.00	0.00097	-20.00	-10.00	0.00101
-17.00	-10.00	0.00102	-15.00	-10.00	0.00103
-13.00	-10.00	0.00104	-11.00	-10.00	0.00104
-9.00	-10.00	0.00105	9.00	-10.00	0.00098
11.00	-10.00	0.00097	13.00	-10.00	0.00095
15.00	-10.00	0.00094	17.00	-10.00	0.00093
20.00	-10.00	0.00090	25.00	-10.00	0.00087
30.00	-10.00	0.00084	40.00	-10.00	0.00077
50.00	-10.00	0.00069	60.00	-10.00	0.00062
70.00	-10.00	0.00055	80.00	-10.00	0.00049
90.00	-10.00	0.00043	100.00	-10.00	0.00039
-100.00	0.00	0.00024	-90.00	0.00	0.00028
-80.00	0.00	0.00035	-70.00	0.00	0.00042
-60.00	0.00	0.00052	-50.00	0.00	0.00062
-40.00	0.00	0.00074	-30.00	0.00	0.00084

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-25.00	0.00	0.00088	-20.00	0.00	0.00091
-17.00	0.00	0.00092	-15.00	0.00	0.00093
-13.00	0.00	0.00093	-11.00	0.00	0.00094
-9.00	0.00	0.00094	9.00	0.00	0.00088
11.00	0.00	0.00087	13.00	0.00	0.00086
15.00	0.00	0.00085	17.00	0.00	0.00084
20.00	0.00	0.00082	25.00	0.00	0.00079
30.00	0.00	0.00076	40.00	0.00	0.00070
50.00	0.00	0.00064	60.00	0.00	0.00058
70.00	0.00	0.00052	80.00	0.00	0.00046
90.00	0.00	0.00041	100.00	0.00	0.00037
-100.00	10.00	0.00024	-90.00	10.00	0.00028
-80.00	10.00	0.00034	-70.00	10.00	0.00041
-60.00	10.00	0.00050	-50.00	10.00	0.00059
-40.00	10.00	0.00069	-30.00	10.00	0.00077
-25.00	10.00	0.00080	-20.00	10.00	0.00082
-17.00	10.00	0.00083	-15.00	10.00	0.00084
-13.00	10.00	0.00084	-11.00	10.00	0.00085
-9.00	10.00	0.00085	9.00	10.00	0.00080
11.00	10.00	0.00079	13.00	10.00	0.00078
15.00	10.00	0.00077	17.00	10.00	0.00076

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 113

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00074	25.00	10.00	0.00072
30.00	10.00	0.00069	40.00	10.00	0.00064
50.00	10.00	0.00059	60.00	10.00	0.00054
70.00	10.00	0.00049	80.00	10.00	0.00044
90.00	10.00	0.00039	100.00	10.00	0.00035
-100.00	20.00	0.00023	-90.00	20.00	0.00028
-80.00	20.00	0.00034	-70.00	20.00	0.00040
-60.00	20.00	0.00048	-50.00	20.00	0.00056
-40.00	20.00	0.00064	-30.00	20.00	0.00071
-25.00	20.00	0.00073	-20.00	20.00	0.00075
-17.00	20.00	0.00076	-15.00	20.00	0.00076
-13.00	20.00	0.00077	-11.00	20.00	0.00077
-9.00	20.00	0.00077	9.00	20.00	0.00072

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

11.00	20.00	0.00072	13.00	20.00	0.00071
15.00	20.00	0.00070	17.00	20.00	0.00069
20.00	20.00	0.00068	25.00	20.00	0.00066
30.00	20.00	0.00064	40.00	20.00	0.00059
50.00	20.00	0.00055	60.00	20.00	0.00051
70.00	20.00	0.00046	80.00	20.00	0.00042
90.00	20.00	0.00038	100.00	20.00	0.00034
-100.00	30.00	0.00023	-90.00	30.00	0.00028
-80.00	30.00	0.00033	-70.00	30.00	0.00039
-60.00	30.00	0.00046	-50.00	30.00	0.00053
-40.00	30.00	0.00060	-30.00	30.00	0.00065
-25.00	30.00	0.00067	-20.00	30.00	0.00069
-17.00	30.00	0.00069	-15.00	30.00	0.00070
-13.00	30.00	0.00070	-11.00	30.00	0.00070
-9.00	30.00	0.00070	9.00	30.00	0.00066
11.00	30.00	0.00065	13.00	30.00	0.00065
15.00	30.00	0.00064	17.00	30.00	0.00063
20.00	30.00	0.00062	25.00	30.00	0.00060
30.00	30.00	0.00058	40.00	30.00	0.00055
50.00	30.00	0.00051	60.00	30.00	0.00047
70.00	30.00	0.00044	80.00	30.00	0.00040
90.00	30.00	0.00036	100.00	30.00	0.00033
-100.00	40.00	0.00023	-90.00	40.00	0.00027
-80.00	40.00	0.00032	-70.00	40.00	0.00038
-60.00	40.00	0.00044	-50.00	40.00	0.00050
-40.00	40.00	0.00056	-30.00	40.00	0.00060
-25.00	40.00	0.00062	-20.00	40.00	0.00063

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 114
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00064	-15.00	40.00	0.00064
-13.00	40.00	0.00064	-11.00	40.00	0.00064
-9.00	40.00	0.00064	9.00	40.00	0.00061
11.00	40.00	0.00060	13.00	40.00	0.00059
15.00	40.00	0.00059	17.00	40.00	0.00058
20.00	40.00	0.00057	25.00	40.00	0.00055
30.00	40.00	0.00054	40.00	40.00	0.00051

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

50.00	40.00	0.00048	60.00	40.00	0.00044
70.00	40.00	0.00041	80.00	40.00	0.00038
90.00	40.00	0.00034	100.00	40.00	0.00031
-100.00	50.00	0.00023	-90.00	50.00	0.00027
-80.00	50.00	0.00031	-70.00	50.00	0.00036
-60.00	50.00	0.00042	-50.00	50.00	0.00047
-40.00	50.00	0.00052	-30.00	50.00	0.00056
-25.00	50.00	0.00057	-20.00	50.00	0.00058
-17.00	50.00	0.00058	-15.00	50.00	0.00059
-13.00	50.00	0.00059	-11.00	50.00	0.00059
-9.00	50.00	0.00059	9.00	50.00	0.00056
11.00	50.00	0.00055	13.00	50.00	0.00055
15.00	50.00	0.00054	17.00	50.00	0.00054
20.00	50.00	0.00053	25.00	50.00	0.00051
30.00	50.00	0.00050	40.00	50.00	0.00047
50.00	50.00	0.00044	60.00	50.00	0.00042
70.00	50.00	0.00039	80.00	50.00	0.00036
90.00	50.00	0.00033	100.00	50.00	0.00030
-100.00	60.00	0.00023	-90.00	60.00	0.00026
-80.00	60.00	0.00030	-70.00	60.00	0.00035
-60.00	60.00	0.00040	-50.00	60.00	0.00045
-40.00	60.00	0.00049	-30.00	60.00	0.00052
-25.00	60.00	0.00053	-20.00	60.00	0.00054
-17.00	60.00	0.00054	-15.00	60.00	0.00054
-13.00	60.00	0.00054	-11.00	60.00	0.00054
-9.00	60.00	0.00054	9.00	60.00	0.00051
11.00	60.00	0.00051	13.00	60.00	0.00051
15.00	60.00	0.00050	17.00	60.00	0.00050
20.00	60.00	0.00049	25.00	60.00	0.00048
30.00	60.00	0.00046	40.00	60.00	0.00044
50.00	60.00	0.00042	60.00	60.00	0.00039
70.00	60.00	0.00037	80.00	60.00	0.00034
90.00	60.00	0.00031	100.00	60.00	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 115
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00022	-90.00	70.00	0.00026

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-80.00	70.00	0.00030	-70.00	70.00	0.00034
-60.00	70.00	0.00038	-50.00	70.00	0.00042
-40.00	70.00	0.00046	-30.00	70.00	0.00048
-25.00	70.00	0.00049	-20.00	70.00	0.00050
-17.00	70.00	0.00050	-15.00	70.00	0.00050
-13.00	70.00	0.00050	-11.00	70.00	0.00050
-9.00	70.00	0.00050	9.00	70.00	0.00048
11.00	70.00	0.00047	13.00	70.00	0.00047
15.00	70.00	0.00046	17.00	70.00	0.00046
20.00	70.00	0.00045	25.00	70.00	0.00044
30.00	70.00	0.00043	40.00	70.00	0.00041
50.00	70.00	0.00039	60.00	70.00	0.00037
70.00	70.00	0.00034	80.00	70.00	0.00032
90.00	70.00	0.00030	100.00	70.00	0.00028
-100.00	80.00	0.00022	-90.00	80.00	0.00025
-80.00	80.00	0.00029	-70.00	80.00	0.00032
-60.00	80.00	0.00036	-50.00	80.00	0.00040
-40.00	80.00	0.00043	-30.00	80.00	0.00045
-25.00	80.00	0.00046	-20.00	80.00	0.00046
-17.00	80.00	0.00046	-15.00	80.00	0.00046
-13.00	80.00	0.00046	-11.00	80.00	0.00046
-9.00	80.00	0.00046	9.00	80.00	0.00044
11.00	80.00	0.00044	13.00	80.00	0.00044
15.00	80.00	0.00043	17.00	80.00	0.00043
20.00	80.00	0.00042	25.00	80.00	0.00041
30.00	80.00	0.00040	40.00	80.00	0.00038
50.00	80.00	0.00036	60.00	80.00	0.00035
70.00	80.00	0.00033	80.00	80.00	0.00031
90.00	80.00	0.00028	100.00	80.00	0.00026
-100.00	90.00	0.00021	-90.00	90.00	0.00024
-80.00	90.00	0.00028	-70.00	90.00	0.00031
-60.00	90.00	0.00034	-50.00	90.00	0.00038
-40.00	90.00	0.00040	-30.00	90.00	0.00042
-25.00	90.00	0.00043	-20.00	90.00	0.00043
-17.00	90.00	0.00043	-15.00	90.00	0.00043
-13.00	90.00	0.00043	-11.00	90.00	0.00043
-9.00	90.00	0.00043	9.00	90.00	0.00041
11.00	90.00	0.00041	13.00	90.00	0.00041
15.00	90.00	0.00040	17.00	90.00	0.00040

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

PAGE 116

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00039	25.00	90.00	0.00039
30.00	90.00	0.00038	40.00	90.00	0.00036
50.00	90.00	0.00034	60.00	90.00	0.00033
70.00	90.00	0.00031	80.00	90.00	0.00029
90.00	90.00	0.00027	100.00	90.00	0.00025
-100.00	100.00	0.00021	-90.00	100.00	0.00024
-80.00	100.00	0.00027	-70.00	100.00	0.00030
-60.00	100.00	0.00033	-50.00	100.00	0.00036
-40.00	100.00	0.00038	-30.00	100.00	0.00039
-25.00	100.00	0.00040	-20.00	100.00	0.00040
-17.00	100.00	0.00040	-15.00	100.00	0.00040
-13.00	100.00	0.00040	-11.00	100.00	0.00040
-9.00	100.00	0.00040	9.00	100.00	0.00039
11.00	100.00	0.00038	13.00	100.00	0.00038
15.00	100.00	0.00038	17.00	100.00	0.00037
20.00	100.00	0.00037	25.00	100.00	0.00036
30.00	100.00	0.00035	40.00	100.00	0.00034
50.00	100.00	0.00032	60.00	100.00	0.00031
70.00	100.00	0.00029	80.00	100.00	0.00028
90.00	100.00	0.00026	100.00	100.00	0.00024
-100.00	110.00	0.00021	-90.00	110.00	0.00023
-80.00	110.00	0.00026	-70.00	110.00	0.00029
-60.00	110.00	0.00031	-50.00	110.00	0.00034
-40.00	110.00	0.00036	-30.00	110.00	0.00037
-25.00	110.00	0.00037	-20.00	110.00	0.00038
-17.00	110.00	0.00038	-15.00	110.00	0.00038
-13.00	110.00	0.00038	-11.00	110.00	0.00038
-9.00	110.00	0.00038	9.00	110.00	0.00036
11.00	110.00	0.00036	13.00	110.00	0.00036
15.00	110.00	0.00035	17.00	110.00	0.00035
20.00	110.00	0.00035	25.00	110.00	0.00034
30.00	110.00	0.00033	40.00	110.00	0.00032
50.00	110.00	0.00030	60.00	110.00	0.00029
70.00	110.00	0.00028	80.00	110.00	0.00026
90.00	110.00	0.00025	100.00	110.00	0.00023
-100.00	120.00	0.00020	-90.00	120.00	0.00023
-80.00	120.00	0.00025	-70.00	120.00	0.00028
-60.00	120.00	0.00030	-50.00	120.00	0.00032
-40.00	120.00	0.00034	-30.00	120.00	0.00035

-25.00 120.00 0.00035 -20.00 120.00 0.00035

1 *** ISCST3 - VERSION 02035 *** 04/20/08
 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 117
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00035	-15.00	120.00	0.00035
-13.00	120.00	0.00035	-11.00	120.00	0.00035
-9.00	120.00	0.00035	9.00	120.00	0.00034
11.00	120.00	0.00034	13.00	120.00	0.00033
15.00	120.00	0.00033	17.00	120.00	0.00033
20.00	120.00	0.00033	25.00	120.00	0.00032
30.00	120.00	0.00031	40.00	120.00	0.00030
50.00	120.00	0.00029	60.00	120.00	0.00028
70.00	120.00	0.00026	80.00	120.00	0.00025
90.00	120.00	0.00024	100.00	120.00	0.00022
-100.00	130.00	0.00020	-90.00	130.00	0.00022
-80.00	130.00	0.00024	-70.00	130.00	0.00026
-60.00	130.00	0.00029	-50.00	130.00	0.00030
-40.00	130.00	0.00032	-30.00	130.00	0.00033
-25.00	130.00	0.00033	-20.00	130.00	0.00033
-17.00	130.00	0.00033	-15.00	130.00	0.00033
-13.00	130.00	0.00033	-11.00	130.00	0.00033
-9.00	130.00	0.00033	9.00	130.00	0.00032
11.00	130.00	0.00032	13.00	130.00	0.00031
15.00	130.00	0.00031	17.00	130.00	0.00031
20.00	130.00	0.00031	25.00	130.00	0.00030
30.00	130.00	0.00030	40.00	130.00	0.00028
50.00	130.00	0.00027	60.00	130.00	0.00026
70.00	130.00	0.00025	80.00	130.00	0.00024
90.00	130.00	0.00023	100.00	130.00	0.00021
-100.00	140.00	0.00019	-90.00	140.00	0.00021
-80.00	140.00	0.00023	-70.00	140.00	0.00025
-60.00	140.00	0.00027	-50.00	140.00	0.00029
-40.00	140.00	0.00030	-30.00	140.00	0.00031
-25.00	140.00	0.00031	-20.00	140.00	0.00031
-17.00	140.00	0.00031	-15.00	140.00	0.00031
-13.00	140.00	0.00031	-11.00	140.00	0.00031
-9.00	140.00	0.00031	9.00	140.00	0.00030

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

11.00	140.00	0.00030	13.00	140.00	0.00030
15.00	140.00	0.00029	17.00	140.00	0.00029
20.00	140.00	0.00029	25.00	140.00	0.00028
30.00	140.00	0.00028	40.00	140.00	0.00027
50.00	140.00	0.00026	60.00	140.00	0.00025
70.00	140.00	0.00024	80.00	140.00	0.00023
90.00	140.00	0.00022	100.00	140.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 118

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00019	-90.00	150.00	0.00021
-80.00	150.00	0.00022	-70.00	150.00	0.00024
-60.00	150.00	0.00026	-50.00	150.00	0.00027
-40.00	150.00	0.00029	-30.00	150.00	0.00029
-25.00	150.00	0.00029	-20.00	150.00	0.00030
-17.00	150.00	0.00030	-15.00	150.00	0.00030
-13.00	150.00	0.00030	-11.00	150.00	0.00030
-9.00	150.00	0.00029	9.00	150.00	0.00028
11.00	150.00	0.00028	13.00	150.00	0.00028
15.00	150.00	0.00028	17.00	150.00	0.00028
20.00	150.00	0.00027	25.00	150.00	0.00027
30.00	150.00	0.00026	40.00	150.00	0.00025
50.00	150.00	0.00024	60.00	150.00	0.00024
70.00	150.00	0.00023	80.00	150.00	0.00022
90.00	150.00	0.00021	100.00	150.00	0.00020
-100.00	160.00	0.00018	-90.00	160.00	0.00020
-80.00	160.00	0.00022	-70.00	160.00	0.00023
-60.00	160.00	0.00025	-50.00	160.00	0.00026
-40.00	160.00	0.00027	-30.00	160.00	0.00028
-25.00	160.00	0.00028	-20.00	160.00	0.00028
-17.00	160.00	0.00028	-15.00	160.00	0.00028
-13.00	160.00	0.00028	-11.00	160.00	0.00028
-9.00	160.00	0.00028	9.00	160.00	0.00027
11.00	160.00	0.00027	13.00	160.00	0.00027
15.00	160.00	0.00026	17.00	160.00	0.00026
20.00	160.00	0.00026	25.00	160.00	0.00025
30.00	160.00	0.00025	40.00	160.00	0.00024

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

50.00	160.00	0.00023	60.00	160.00	0.00022
70.00	160.00	0.00022	80.00	160.00	0.00021
90.00	160.00	0.00020	100.00	160.00	0.00019
-100.00	170.00	0.00018	-90.00	170.00	0.00019
-80.00	170.00	0.00021	-70.00	170.00	0.00022
-60.00	170.00	0.00024	-50.00	170.00	0.00025
-40.00	170.00	0.00026	-30.00	170.00	0.00026
-25.00	170.00	0.00026	-20.00	170.00	0.00027
-17.00	170.00	0.00027	-15.00	170.00	0.00026
-13.00	170.00	0.00026	-11.00	170.00	0.00026
-9.00	170.00	0.00026	9.00	170.00	0.00025
11.00	170.00	0.00025	13.00	170.00	0.00025
15.00	170.00	0.00025	17.00	170.00	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 119

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00025	25.00	170.00	0.00024
30.00	170.00	0.00024	40.00	170.00	0.00023
50.00	170.00	0.00022	60.00	170.00	0.00021
70.00	170.00	0.00021	80.00	170.00	0.00020
90.00	170.00	0.00019	100.00	170.00	0.00018
-100.00	180.00	0.00017	-90.00	180.00	0.00019
-80.00	180.00	0.00020	-70.00	180.00	0.00022
-60.00	180.00	0.00023	-50.00	180.00	0.00024
-40.00	180.00	0.00025	-30.00	180.00	0.00025
-25.00	180.00	0.00025	-20.00	180.00	0.00025
-17.00	180.00	0.00025	-15.00	180.00	0.00025
-13.00	180.00	0.00025	-11.00	180.00	0.00025
-9.00	180.00	0.00025	9.00	180.00	0.00024
11.00	180.00	0.00024	13.00	180.00	0.00024
15.00	180.00	0.00024	17.00	180.00	0.00024
20.00	180.00	0.00023	25.00	180.00	0.00023
30.00	180.00	0.00023	40.00	180.00	0.00022
50.00	180.00	0.00021	60.00	180.00	0.00020
70.00	180.00	0.00020	80.00	180.00	0.00019
90.00	180.00	0.00018	100.00	180.00	0.00017
-100.00	190.00	0.00017	-90.00	190.00	0.00018

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-80.00	190.00	0.00019	-70.00	190.00	0.00021
-60.00	190.00	0.00022	-50.00	190.00	0.00023
-40.00	190.00	0.00023	-30.00	190.00	0.00024
-25.00	190.00	0.00024	-20.00	190.00	0.00024
-17.00	190.00	0.00024	-15.00	190.00	0.00024
-13.00	190.00	0.00024	-11.00	190.00	0.00024
-9.00	190.00	0.00024	9.00	190.00	0.00023
11.00	190.00	0.00023	13.00	190.00	0.00023
15.00	190.00	0.00023	17.00	190.00	0.00022
20.00	190.00	0.00022	25.00	190.00	0.00022
30.00	190.00	0.00022	40.00	190.00	0.00021
50.00	190.00	0.00020	60.00	190.00	0.00019
70.00	190.00	0.00019	80.00	190.00	0.00018
90.00	190.00	0.00017	100.00	190.00	0.00017
-100.00	200.00	0.00016	-90.00	200.00	0.00018
-80.00	200.00	0.00019	-70.00	200.00	0.00020
-60.00	200.00	0.00021	-50.00	200.00	0.00022
-40.00	200.00	0.00022	-30.00	200.00	0.00023
-25.00	200.00	0.00023	-20.00	200.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 120

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00023	-15.00	200.00	0.00023
-13.00	200.00	0.00023	-11.00	200.00	0.00023
-9.00	200.00	0.00023	9.00	200.00	0.00022
11.00	200.00	0.00022	13.00	200.00	0.00022
15.00	200.00	0.00021	17.00	200.00	0.00021
20.00	200.00	0.00021	25.00	200.00	0.00021
30.00	200.00	0.00021	40.00	200.00	0.00020
50.00	200.00	0.00019	60.00	200.00	0.00019
70.00	200.00	0.00018	80.00	200.00	0.00017
90.00	200.00	0.00017	100.00	200.00	0.00016
-100.00	210.00	0.00016	-90.00	210.00	0.00017
-80.00	210.00	0.00018	-70.00	210.00	0.00019
-60.00	210.00	0.00020	-50.00	210.00	0.00021
-40.00	210.00	0.00021	-30.00	210.00	0.00022
-25.00	210.00	0.00022	-20.00	210.00	0.00022

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-17.00	210.00	0.00022	-15.00	210.00	0.00022
-13.00	210.00	0.00022	-11.00	210.00	0.00022
-9.00	210.00	0.00022	9.00	210.00	0.00021
11.00	210.00	0.00021	13.00	210.00	0.00021
15.00	210.00	0.00020	17.00	210.00	0.00020
20.00	210.00	0.00020	25.00	210.00	0.00020
30.00	210.00	0.00020	40.00	210.00	0.00019
50.00	210.00	0.00018	60.00	210.00	0.00018
70.00	210.00	0.00017	80.00	210.00	0.00017
90.00	210.00	0.00016	100.00	210.00	0.00016
-100.00	220.00	0.00015	-90.00	220.00	0.00016
-80.00	220.00	0.00017	-70.00	220.00	0.00018
-60.00	220.00	0.00019	-50.00	220.00	0.00020
-40.00	220.00	0.00020	-30.00	220.00	0.00021
-25.00	220.00	0.00021	-20.00	220.00	0.00021
-17.00	220.00	0.00021	-15.00	220.00	0.00021
-13.00	220.00	0.00021	-11.00	220.00	0.00021
-9.00	220.00	0.00021	9.00	220.00	0.00020
11.00	220.00	0.00020	13.00	220.00	0.00020
15.00	220.00	0.00020	17.00	220.00	0.00019
20.00	220.00	0.00019	25.00	220.00	0.00019
30.00	220.00	0.00019	40.00	220.00	0.00018
50.00	220.00	0.00018	60.00	220.00	0.00017
70.00	220.00	0.00017	80.00	220.00	0.00016
90.00	220.00	0.00015	100.00	220.00	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 121

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00015	-90.00	230.00	0.00016
-80.00	230.00	0.00017	-70.00	230.00	0.00018
-60.00	230.00	0.00018	-50.00	230.00	0.00019
-40.00	230.00	0.00019	-30.00	230.00	0.00020
-25.00	230.00	0.00020	-20.00	230.00	0.00020
-17.00	230.00	0.00020	-15.00	230.00	0.00020
-13.00	230.00	0.00020	-11.00	230.00	0.00020
-9.00	230.00	0.00020	9.00	230.00	0.00019
11.00	230.00	0.00019	13.00	230.00	0.00019

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

15.00	230.00	0.00019	17.00	230.00	0.00019
20.00	230.00	0.00018	25.00	230.00	0.00018
30.00	230.00	0.00018	40.00	230.00	0.00017
50.00	230.00	0.00017	60.00	230.00	0.00016
70.00	230.00	0.00016	80.00	230.00	0.00015
90.00	230.00	0.00015	100.00	230.00	0.00014
-100.00	240.00	0.00015	-90.00	240.00	0.00015
-80.00	240.00	0.00016	-70.00	240.00	0.00017
-60.00	240.00	0.00018	-50.00	240.00	0.00018
-40.00	240.00	0.00019	-30.00	240.00	0.00019
-25.00	240.00	0.00019	-20.00	240.00	0.00019
-17.00	240.00	0.00019	-15.00	240.00	0.00019
-13.00	240.00	0.00019	-11.00	240.00	0.00019
-9.00	240.00	0.00019	9.00	240.00	0.00018
11.00	240.00	0.00018	13.00	240.00	0.00018
15.00	240.00	0.00018	17.00	240.00	0.00018
20.00	240.00	0.00018	25.00	240.00	0.00017
30.00	240.00	0.00017	40.00	240.00	0.00017
50.00	240.00	0.00016	60.00	240.00	0.00016
70.00	240.00	0.00015	80.00	240.00	0.00015
90.00	240.00	0.00014	100.00	240.00	0.00014
-100.00	250.00	0.00014	-90.00	250.00	0.00015
-80.00	250.00	0.00016	-70.00	250.00	0.00016
-60.00	250.00	0.00017	-50.00	250.00	0.00018
-40.00	250.00	0.00018	-30.00	250.00	0.00018
-25.00	250.00	0.00018	-20.00	250.00	0.00018
-17.00	250.00	0.00018	-15.00	250.00	0.00018
-13.00	250.00	0.00018	-11.00	250.00	0.00018
-9.00	250.00	0.00018	9.00	250.00	0.00017
11.00	250.00	0.00017	13.00	250.00	0.00017
15.00	250.00	0.00017	17.00	250.00	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 122

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00017	25.00	250.00	0.00017
30.00	250.00	0.00016	40.00	250.00	0.00016
50.00	250.00	0.00016	60.00	250.00	0.00015

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

70.00	250.00	0.00015	80.00	250.00	0.00014
90.00	250.00	0.00014	100.00	250.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 123

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00233	-90.00	-250.00	0.00252
-80.00	-250.00	0.00273	-70.00	-250.00	0.00296
-60.00	-250.00	0.00321	-50.00	-250.00	0.00345
-40.00	-250.00	0.00368	-30.00	-250.00	0.00386
-25.00	-250.00	0.00392	-20.00	-250.00	0.00396
-17.00	-250.00	0.00396	-15.00	-250.00	0.00395
-13.00	-250.00	0.00393	-11.00	-250.00	0.00389
-9.00	-250.00	0.00384	9.00	-250.00	0.00268
11.00	-250.00	0.00252	13.00	-250.00	0.00238
15.00	-250.00	0.00225	17.00	-250.00	0.00213
20.00	-250.00	0.00197	25.00	-250.00	0.00175
30.00	-250.00	0.00158	40.00	-250.00	0.00130
50.00	-250.00	0.00110	60.00	-250.00	0.00095
70.00	-250.00	0.00082	80.00	-250.00	0.00072
90.00	-250.00	0.00064	100.00	-250.00	0.00057
-100.00	-240.00	0.00243	-90.00	-240.00	0.00265
-80.00	-240.00	0.00289	-70.00	-240.00	0.00317
-60.00	-240.00	0.00348	-50.00	-240.00	0.00381
-40.00	-240.00	0.00416	-30.00	-240.00	0.00446
-25.00	-240.00	0.00459	-20.00	-240.00	0.00467
-17.00	-240.00	0.00470	-15.00	-240.00	0.00472
-13.00	-240.00	0.00472	-11.00	-240.00	0.00470
-9.00	-240.00	0.00466	9.00	-240.00	0.00299
11.00	-240.00	0.00278	13.00	-240.00	0.00260
15.00	-240.00	0.00245	17.00	-240.00	0.00231
20.00	-240.00	0.00213	25.00	-240.00	0.00188
30.00	-240.00	0.00168	40.00	-240.00	0.00138
50.00	-240.00	0.00116	60.00	-240.00	0.00099
70.00	-240.00	0.00086	80.00	-240.00	0.00075
90.00	-240.00	0.00066	100.00	-240.00	0.00059
-100.00	-230.00	0.00252	-90.00	-230.00	0.00275
-80.00	-230.00	0.00302	-70.00	-230.00	0.00333

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-60.00	-230.00	0.00368	-50.00	-230.00	0.00408
-40.00	-230.00	0.00452	-30.00	-230.00	0.00498
-25.00	-230.00	0.00521	-20.00	-230.00	0.00543
-17.00	-230.00	0.00556	-15.00	-230.00	0.00564
-13.00	-230.00	0.00571	-11.00	-230.00	0.00579
-9.00	-230.00	0.00586	9.00	-230.00	0.00329
11.00	-230.00	0.00304	13.00	-230.00	0.00283
15.00	-230.00	0.00265	17.00	-230.00	0.00249

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 124

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00229	25.00	-230.00	0.00202
30.00	-230.00	0.00180	40.00	-230.00	0.00147
50.00	-230.00	0.00123	60.00	-230.00	0.00105
70.00	-230.00	0.00090	80.00	-230.00	0.00079
90.00	-230.00	0.00069	100.00	-230.00	0.00062
-100.00	-220.00	0.00259	-90.00	-220.00	0.00284
-80.00	-220.00	0.00313	-70.00	-220.00	0.00346
-60.00	-220.00	0.00384	-50.00	-220.00	0.00428
-40.00	-220.00	0.00477	-30.00	-220.00	0.00529
-25.00	-220.00	0.00556	-20.00	-220.00	0.00585
-17.00	-220.00	0.00603	-15.00	-220.00	0.00616
-13.00	-220.00	0.00630	-11.00	-220.00	0.00648
-9.00	-220.00	0.00672	9.00	-220.00	0.00378
11.00	-220.00	0.00344	13.00	-220.00	0.00317
15.00	-220.00	0.00296	17.00	-220.00	0.00277
20.00	-220.00	0.00253	25.00	-220.00	0.00222
30.00	-220.00	0.00197	40.00	-220.00	0.00159
50.00	-220.00	0.00132	60.00	-220.00	0.00112
70.00	-220.00	0.00096	80.00	-220.00	0.00083
90.00	-220.00	0.00073	100.00	-220.00	0.00065
-100.00	-210.00	0.00265	-90.00	-210.00	0.00291
-80.00	-210.00	0.00321	-70.00	-210.00	0.00356
-60.00	-210.00	0.00396	-50.00	-210.00	0.00443
-40.00	-210.00	0.00494	-30.00	-210.00	0.00550
-25.00	-210.00	0.00579	-20.00	-210.00	0.00610
-17.00	-210.00	0.00631	-15.00	-210.00	0.00646

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-13.00	-210.00	0.00664	-11.00	-210.00	0.00689
-9.00	-210.00	0.00726	9.00	-210.00	0.00490
11.00	-210.00	0.00432	13.00	-210.00	0.00389
15.00	-210.00	0.00355	17.00	-210.00	0.00327
20.00	-210.00	0.00293	25.00	-210.00	0.00251
30.00	-210.00	0.00220	40.00	-210.00	0.00175
50.00	-210.00	0.00144	60.00	-210.00	0.00121
70.00	-210.00	0.00103	80.00	-210.00	0.00089
90.00	-210.00	0.00077	100.00	-210.00	0.00068
-100.00	-200.00	0.00270	-90.00	-200.00	0.00297
-80.00	-200.00	0.00328	-70.00	-200.00	0.00364
-60.00	-200.00	0.00406	-50.00	-200.00	0.00454
-40.00	-200.00	0.00508	-30.00	-200.00	0.00568
-25.00	-200.00	0.00599	-20.00	-200.00	0.00634

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00661	-15.00	-200.00	0.00683
-13.00	-200.00	0.00712	-11.00	-200.00	0.00753
-9.00	-200.00	0.00814	9.00	-200.00	0.00608
11.00	-200.00	0.00534	13.00	-200.00	0.00477
15.00	-200.00	0.00431	17.00	-200.00	0.00393
20.00	-200.00	0.00347	25.00	-200.00	0.00291
30.00	-200.00	0.00249	40.00	-200.00	0.00193
50.00	-200.00	0.00156	60.00	-200.00	0.00130
70.00	-200.00	0.00110	80.00	-200.00	0.00094
90.00	-200.00	0.00082	100.00	-200.00	0.00072
-100.00	-190.00	0.00274	-90.00	-190.00	0.00302
-80.00	-190.00	0.00334	-70.00	-190.00	0.00371
-60.00	-190.00	0.00415	-50.00	-190.00	0.00465
-40.00	-190.00	0.00521	-30.00	-190.00	0.00584
-25.00	-190.00	0.00619	-20.00	-190.00	0.00664
-17.00	-190.00	0.00701	-15.00	-190.00	0.00733
-13.00	-190.00	0.00775	-11.00	-190.00	0.00831
-9.00	-190.00	0.00908	9.00	-190.00	0.00708
11.00	-190.00	0.00624	13.00	-190.00	0.00557
15.00	-190.00	0.00503	17.00	-190.00	0.00458

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

20.00	-190.00	0.00402	25.00	-190.00	0.00334
30.00	-190.00	0.00283	40.00	-190.00	0.00215
50.00	-190.00	0.00171	60.00	-190.00	0.00140
70.00	-190.00	0.00117	80.00	-190.00	0.00100
90.00	-190.00	0.00087	100.00	-190.00	0.00076
-100.00	-180.00	0.00278	-90.00	-180.00	0.00306
-80.00	-180.00	0.00339	-70.00	-180.00	0.00378
-60.00	-180.00	0.00422	-50.00	-180.00	0.00474
-40.00	-180.00	0.00532	-30.00	-180.00	0.00601
-25.00	-180.00	0.00643	-20.00	-180.00	0.00700
-17.00	-180.00	0.00747	-15.00	-180.00	0.00788
-13.00	-180.00	0.00840	-11.00	-180.00	0.00905
-9.00	-180.00	0.00991	9.00	-180.00	0.00789
11.00	-180.00	0.00699	13.00	-180.00	0.00626
15.00	-180.00	0.00566	17.00	-180.00	0.00515
20.00	-180.00	0.00453	25.00	-180.00	0.00375
30.00	-180.00	0.00317	40.00	-180.00	0.00238
50.00	-180.00	0.00187	60.00	-180.00	0.00151
70.00	-180.00	0.00126	80.00	-180.00	0.00106
90.00	-180.00	0.00091	100.00	-180.00	0.00080

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 126

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00281	-90.00	-170.00	0.00310
-80.00	-170.00	0.00344	-70.00	-170.00	0.00383
-60.00	-170.00	0.00429	-50.00	-170.00	0.00482
-40.00	-170.00	0.00543	-30.00	-170.00	0.00619
-25.00	-170.00	0.00669	-20.00	-170.00	0.00737
-17.00	-170.00	0.00794	-15.00	-170.00	0.00840
-13.00	-170.00	0.00898	-11.00	-170.00	0.00969
-9.00	-170.00	0.01060	9.00	-170.00	0.00854
11.00	-170.00	0.00759	13.00	-170.00	0.00684
15.00	-170.00	0.00620	17.00	-170.00	0.00566
20.00	-170.00	0.00498	25.00	-170.00	0.00412
30.00	-170.00	0.00349	40.00	-170.00	0.00261
50.00	-170.00	0.00203	60.00	-170.00	0.00163
70.00	-170.00	0.00134	80.00	-170.00	0.00113

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

90.00	-170.00	0.00097	100.00	-170.00	0.00084
-100.00	-160.00	0.00284	-90.00	-160.00	0.00314
-80.00	-160.00	0.00348	-70.00	-160.00	0.00388
-60.00	-160.00	0.00435	-50.00	-160.00	0.00489
-40.00	-160.00	0.00555	-30.00	-160.00	0.00639
-25.00	-160.00	0.00696	-20.00	-160.00	0.00774
-17.00	-160.00	0.00836	-15.00	-160.00	0.00887
-13.00	-160.00	0.00948	-11.00	-160.00	0.01022
-9.00	-160.00	0.01116	9.00	-160.00	0.00906
11.00	-160.00	0.00808	13.00	-160.00	0.00731
15.00	-160.00	0.00665	17.00	-160.00	0.00609
20.00	-160.00	0.00538	25.00	-160.00	0.00446
30.00	-160.00	0.00377	40.00	-160.00	0.00282
50.00	-160.00	0.00220	60.00	-160.00	0.00176
70.00	-160.00	0.00144	80.00	-160.00	0.00120
90.00	-160.00	0.00102	100.00	-160.00	0.00088
-100.00	-150.00	0.00287	-90.00	-150.00	0.00317
-80.00	-150.00	0.00352	-70.00	-150.00	0.00392
-60.00	-150.00	0.00440	-50.00	-150.00	0.00497
-40.00	-150.00	0.00566	-30.00	-150.00	0.00659
-25.00	-150.00	0.00723	-20.00	-150.00	0.00807
-17.00	-150.00	0.00873	-15.00	-150.00	0.00927
-13.00	-150.00	0.00991	-11.00	-150.00	0.01067
-9.00	-150.00	0.01161	9.00	-150.00	0.00949
11.00	-150.00	0.00849	13.00	-150.00	0.00769
15.00	-150.00	0.00702	17.00	-150.00	0.00645

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
 PAGE 127

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00571	25.00	-150.00	0.00475
30.00	-150.00	0.00403	40.00	-150.00	0.00301
50.00	-150.00	0.00235	60.00	-150.00	0.00188
70.00	-150.00	0.00153	80.00	-150.00	0.00127
90.00	-150.00	0.00108	100.00	-150.00	0.00092
-100.00	-140.00	0.00289	-90.00	-140.00	0.00319
-80.00	-140.00	0.00355	-70.00	-140.00	0.00396
-60.00	-140.00	0.00445	-50.00	-140.00	0.00504

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-40.00	-140.00	0.00578	-30.00	-140.00	0.00678
-25.00	-140.00	0.00746	-20.00	-140.00	0.00836
-17.00	-140.00	0.00905	-15.00	-140.00	0.00960
-13.00	-140.00	0.01025	-11.00	-140.00	0.01105
-9.00	-140.00	0.01202	9.00	-140.00	0.00985
11.00	-140.00	0.00883	13.00	-140.00	0.00801
15.00	-140.00	0.00733	17.00	-140.00	0.00674
20.00	-140.00	0.00600	25.00	-140.00	0.00501
30.00	-140.00	0.00426	40.00	-140.00	0.00319
50.00	-140.00	0.00249	60.00	-140.00	0.00199
70.00	-140.00	0.00163	80.00	-140.00	0.00135
90.00	-140.00	0.00114	100.00	-140.00	0.00097
-100.00	-130.00	0.00290	-90.00	-130.00	0.00321
-80.00	-130.00	0.00357	-70.00	-130.00	0.00400
-60.00	-130.00	0.00450	-50.00	-130.00	0.00512
-40.00	-130.00	0.00590	-30.00	-130.00	0.00696
-25.00	-130.00	0.00768	-20.00	-130.00	0.00861
-17.00	-130.00	0.00933	-15.00	-130.00	0.00989
-13.00	-130.00	0.01055	-11.00	-130.00	0.01135
-9.00	-130.00	0.01234	9.00	-130.00	0.01012
11.00	-130.00	0.00912	13.00	-130.00	0.00829
15.00	-130.00	0.00760	17.00	-130.00	0.00700
20.00	-130.00	0.00624	25.00	-130.00	0.00524
30.00	-130.00	0.00446	40.00	-130.00	0.00336
50.00	-130.00	0.00262	60.00	-130.00	0.00210
70.00	-130.00	0.00171	80.00	-130.00	0.00142
90.00	-130.00	0.00120	100.00	-130.00	0.00102
-100.00	-120.00	0.00292	-90.00	-120.00	0.00323
-80.00	-120.00	0.00360	-70.00	-120.00	0.00403
-60.00	-120.00	0.00455	-50.00	-120.00	0.00519
-40.00	-120.00	0.00602	-30.00	-120.00	0.00713
-25.00	-120.00	0.00788	-20.00	-120.00	0.00884

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00957	-15.00	-120.00	0.01014
-13.00	-120.00	0.01081	-11.00	-120.00	0.01162

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-9.00	-120.00	0.01261	9.00	-120.00	0.01032
11.00	-120.00	0.00933	13.00	-120.00	0.00851
15.00	-120.00	0.00782	17.00	-120.00	0.00722
20.00	-120.00	0.00645	25.00	-120.00	0.00543
30.00	-120.00	0.00464	40.00	-120.00	0.00350
50.00	-120.00	0.00274	60.00	-120.00	0.00219
70.00	-120.00	0.00179	80.00	-120.00	0.00149
90.00	-120.00	0.00125	100.00	-120.00	0.00107
-100.00	-110.00	0.00293	-90.00	-110.00	0.00325
-80.00	-110.00	0.00362	-70.00	-110.00	0.00406
-60.00	-110.00	0.00460	-50.00	-110.00	0.00527
-40.00	-110.00	0.00613	-30.00	-110.00	0.00729
-25.00	-110.00	0.00805	-20.00	-110.00	0.00903
-17.00	-110.00	0.00977	-15.00	-110.00	0.01035
-13.00	-110.00	0.01103	-11.00	-110.00	0.01182
-9.00	-110.00	0.01281	9.00	-110.00	0.01052
11.00	-110.00	0.00952	13.00	-110.00	0.00870
15.00	-110.00	0.00800	17.00	-110.00	0.00740
20.00	-110.00	0.00663	25.00	-110.00	0.00560
30.00	-110.00	0.00480	40.00	-110.00	0.00364
50.00	-110.00	0.00284	60.00	-110.00	0.00228
70.00	-110.00	0.00187	80.00	-110.00	0.00155
90.00	-110.00	0.00131	100.00	-110.00	0.00112
-100.00	-100.00	0.00294	-90.00	-100.00	0.00326
-80.00	-100.00	0.00364	-70.00	-100.00	0.00409
-60.00	-100.00	0.00465	-50.00	-100.00	0.00534
-40.00	-100.00	0.00623	-30.00	-100.00	0.00742
-25.00	-100.00	0.00821	-20.00	-100.00	0.00920
-17.00	-100.00	0.00994	-15.00	-100.00	0.01053
-13.00	-100.00	0.01121	-11.00	-100.00	0.01201
-9.00	-100.00	0.01299	9.00	-100.00	0.01069
11.00	-100.00	0.00969	13.00	-100.00	0.00886
15.00	-100.00	0.00816	17.00	-100.00	0.00756
20.00	-100.00	0.00678	25.00	-100.00	0.00574
30.00	-100.00	0.00493	40.00	-100.00	0.00376
50.00	-100.00	0.00295	60.00	-100.00	0.00237
70.00	-100.00	0.00194	80.00	-100.00	0.00161
90.00	-100.00	0.00136	100.00	-100.00	0.00116

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00294	-90.00	-90.00	0.00327
-80.00	-90.00	0.00366	-70.00	-90.00	0.00412
-60.00	-90.00	0.00469	-50.00	-90.00	0.00541
-40.00	-90.00	0.00632	-30.00	-90.00	0.00755
-25.00	-90.00	0.00835	-20.00	-90.00	0.00935
-17.00	-90.00	0.01010	-15.00	-90.00	0.01068
-13.00	-90.00	0.01136	-11.00	-90.00	0.01216
-9.00	-90.00	0.01314	9.00	-90.00	0.01084
11.00	-90.00	0.00984	13.00	-90.00	0.00901
15.00	-90.00	0.00830	17.00	-90.00	0.00769
20.00	-90.00	0.00691	25.00	-90.00	0.00587
30.00	-90.00	0.00505	40.00	-90.00	0.00386
50.00	-90.00	0.00304	60.00	-90.00	0.00244
70.00	-90.00	0.00200	80.00	-90.00	0.00167
90.00	-90.00	0.00141	100.00	-90.00	0.00120
-100.00	-80.00	0.00295	-90.00	-80.00	0.00328
-80.00	-80.00	0.00368	-70.00	-80.00	0.00415
-60.00	-80.00	0.00474	-50.00	-80.00	0.00547
-40.00	-80.00	0.00641	-30.00	-80.00	0.00766
-25.00	-80.00	0.00847	-20.00	-80.00	0.00948
-17.00	-80.00	0.01023	-15.00	-80.00	0.01081
-13.00	-80.00	0.01149	-11.00	-80.00	0.01230
-9.00	-80.00	0.01327	9.00	-80.00	0.01098
11.00	-80.00	0.00996	13.00	-80.00	0.00913
15.00	-80.00	0.00842	17.00	-80.00	0.00781
20.00	-80.00	0.00702	25.00	-80.00	0.00598
30.00	-80.00	0.00516	40.00	-80.00	0.00395
50.00	-80.00	0.00312	60.00	-80.00	0.00251
70.00	-80.00	0.00206	80.00	-80.00	0.00172
90.00	-80.00	0.00145	100.00	-80.00	0.00124
-100.00	-70.00	0.00295	-90.00	-70.00	0.00329
-80.00	-70.00	0.00369	-70.00	-70.00	0.00418
-60.00	-70.00	0.00478	-50.00	-70.00	0.00553
-40.00	-70.00	0.00649	-30.00	-70.00	0.00775
-25.00	-70.00	0.00857	-20.00	-70.00	0.00959
-17.00	-70.00	0.01034	-15.00	-70.00	0.01093
-13.00	-70.00	0.01161	-11.00	-70.00	0.01241
-9.00	-70.00	0.01339	9.00	-70.00	0.01110
11.00	-70.00	0.01007	13.00	-70.00	0.00924
15.00	-70.00	0.00853	17.00	-70.00	0.00792

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00713	25.00	-70.00	0.00607
30.00	-70.00	0.00525	40.00	-70.00	0.00404
50.00	-70.00	0.00319	60.00	-70.00	0.00258
70.00	-70.00	0.00212	80.00	-70.00	0.00177
90.00	-70.00	0.00150	100.00	-70.00	0.00128
-100.00	-60.00	0.00295	-90.00	-60.00	0.00330
-80.00	-60.00	0.00371	-70.00	-60.00	0.00420
-60.00	-60.00	0.00482	-50.00	-60.00	0.00558
-40.00	-60.00	0.00655	-30.00	-60.00	0.00783
-25.00	-60.00	0.00866	-20.00	-60.00	0.00968
-17.00	-60.00	0.01044	-15.00	-60.00	0.01104
-13.00	-60.00	0.01171	-11.00	-60.00	0.01251
-9.00	-60.00	0.01349	9.00	-60.00	0.01121
11.00	-60.00	0.01017	13.00	-60.00	0.00933
15.00	-60.00	0.00862	17.00	-60.00	0.00801
20.00	-60.00	0.00722	25.00	-60.00	0.00616
30.00	-60.00	0.00533	40.00	-60.00	0.00411
50.00	-60.00	0.00326	60.00	-60.00	0.00264
70.00	-60.00	0.00217	80.00	-60.00	0.00181
90.00	-60.00	0.00154	100.00	-60.00	0.00132
-100.00	-50.00	0.00295	-90.00	-50.00	0.00330
-80.00	-50.00	0.00372	-70.00	-50.00	0.00423
-60.00	-50.00	0.00485	-50.00	-50.00	0.00563
-40.00	-50.00	0.00661	-30.00	-50.00	0.00790
-25.00	-50.00	0.00874	-20.00	-50.00	0.00977
-17.00	-50.00	0.01052	-15.00	-50.00	0.01111
-13.00	-50.00	0.01179	-11.00	-50.00	0.01262
-9.00	-50.00	0.01361	9.00	-50.00	0.01131
11.00	-50.00	0.01026	13.00	-50.00	0.00940
15.00	-50.00	0.00870	17.00	-50.00	0.00808
20.00	-50.00	0.00729	25.00	-50.00	0.00623
30.00	-50.00	0.00540	40.00	-50.00	0.00418
50.00	-50.00	0.00332	60.00	-50.00	0.00269
70.00	-50.00	0.00222	80.00	-50.00	0.00186

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

90.00	-50.00	0.00157	100.00	-50.00	0.00135
-100.00	-40.00	0.00295	-90.00	-40.00	0.00331
-80.00	-40.00	0.00373	-70.00	-40.00	0.00425
-60.00	-40.00	0.00488	-50.00	-40.00	0.00567
-40.00	-40.00	0.00667	-30.00	-40.00	0.00797
-25.00	-40.00	0.00880	-20.00	-40.00	0.00983

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.01059	-15.00	-40.00	0.01118
-13.00	-40.00	0.01186	-11.00	-40.00	0.01268
-9.00	-40.00	0.01368	9.00	-40.00	0.01136
11.00	-40.00	0.01034	13.00	-40.00	0.00949
15.00	-40.00	0.00878	17.00	-40.00	0.00816
20.00	-40.00	0.00736	25.00	-40.00	0.00630
30.00	-40.00	0.00546	40.00	-40.00	0.00423
50.00	-40.00	0.00337	60.00	-40.00	0.00274
70.00	-40.00	0.00226	80.00	-40.00	0.00189
90.00	-40.00	0.00161	100.00	-40.00	0.00138
-100.00	-30.00	0.00295	-90.00	-30.00	0.00331
-80.00	-30.00	0.00374	-70.00	-30.00	0.00426
-60.00	-30.00	0.00491	-50.00	-30.00	0.00571
-40.00	-30.00	0.00671	-30.00	-30.00	0.00803
-25.00	-30.00	0.00886	-20.00	-30.00	0.00989
-17.00	-30.00	0.01066	-15.00	-30.00	0.01125
-13.00	-30.00	0.01194	-11.00	-30.00	0.01276
-9.00	-30.00	0.01376	9.00	-30.00	0.01139
11.00	-30.00	0.01038	13.00	-30.00	0.00955
15.00	-30.00	0.00883	17.00	-30.00	0.00821
20.00	-30.00	0.00742	25.00	-30.00	0.00635
30.00	-30.00	0.00552	40.00	-30.00	0.00428
50.00	-30.00	0.00342	60.00	-30.00	0.00278
70.00	-30.00	0.00230	80.00	-30.00	0.00193
90.00	-30.00	0.00164	100.00	-30.00	0.00141
-100.00	-20.00	0.00294	-90.00	-20.00	0.00331
-80.00	-20.00	0.00374	-70.00	-20.00	0.00428
-60.00	-20.00	0.00493	-50.00	-20.00	0.00574

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-40.00	-20.00	0.00675	-30.00	-20.00	0.00807
-25.00	-20.00	0.00891	-20.00	-20.00	0.00995
-17.00	-20.00	0.01071	-15.00	-20.00	0.01131
-13.00	-20.00	0.01199	-11.00	-20.00	0.01280
-9.00	-20.00	0.01380	9.00	-20.00	0.01144
11.00	-20.00	0.01043	13.00	-20.00	0.00959
15.00	-20.00	0.00888	17.00	-20.00	0.00826
20.00	-20.00	0.00747	25.00	-20.00	0.00640
30.00	-20.00	0.00556	40.00	-20.00	0.00433
50.00	-20.00	0.00346	60.00	-20.00	0.00282
70.00	-20.00	0.00234	80.00	-20.00	0.00196
90.00	-20.00	0.00167	100.00	-20.00	0.00143

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

16:57:07

**MODELOPTs:

PAGE 132

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00293	-90.00	-10.00	0.00330
-80.00	-10.00	0.00375	-70.00	-10.00	0.00428
-60.00	-10.00	0.00494	-50.00	-10.00	0.00576
-40.00	-10.00	0.00678	-30.00	-10.00	0.00811
-25.00	-10.00	0.00895	-20.00	-10.00	0.00999
-17.00	-10.00	0.01075	-15.00	-10.00	0.01135
-13.00	-10.00	0.01203	-11.00	-10.00	0.01284
-9.00	-10.00	0.01383	9.00	-10.00	0.01148
11.00	-10.00	0.01047	13.00	-10.00	0.00963
15.00	-10.00	0.00892	17.00	-10.00	0.00830
20.00	-10.00	0.00751	25.00	-10.00	0.00644
30.00	-10.00	0.00560	40.00	-10.00	0.00437
50.00	-10.00	0.00350	60.00	-10.00	0.00286
70.00	-10.00	0.00237	80.00	-10.00	0.00199
90.00	-10.00	0.00170	100.00	-10.00	0.00146
-100.00	0.00	0.00292	-90.00	0.00	0.00329
-80.00	0.00	0.00374	-70.00	0.00	0.00429
-60.00	0.00	0.00495	-50.00	0.00	0.00578
-40.00	0.00	0.00681	-30.00	0.00	0.00814
-25.00	0.00	0.00898	-20.00	0.00	0.01002
-17.00	0.00	0.01079	-15.00	0.00	0.01138
-13.00	0.00	0.01207	-11.00	0.00	0.01288

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-9.00	0.00	0.01385	9.00	0.00	0.01152
11.00	0.00	0.01051	13.00	0.00	0.00967
15.00	0.00	0.00895	17.00	0.00	0.00833
20.00	0.00	0.00754	25.00	0.00	0.00648
30.00	0.00	0.00564	40.00	0.00	0.00440
50.00	0.00	0.00353	60.00	0.00	0.00289
70.00	0.00	0.00240	80.00	0.00	0.00202
90.00	0.00	0.00172	100.00	0.00	0.00148
-100.00	10.00	0.00291	-90.00	10.00	0.00328
-80.00	10.00	0.00374	-70.00	10.00	0.00429
-60.00	10.00	0.00496	-50.00	10.00	0.00579
-40.00	10.00	0.00682	-30.00	10.00	0.00816
-25.00	10.00	0.00901	-20.00	10.00	0.01005
-17.00	10.00	0.01081	-15.00	10.00	0.01141
-13.00	10.00	0.01209	-11.00	10.00	0.01290
-9.00	10.00	0.01388	9.00	10.00	0.01156
11.00	10.00	0.01054	13.00	10.00	0.00970
15.00	10.00	0.00898	17.00	10.00	0.00836

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 133
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00757	25.00	10.00	0.00650
30.00	10.00	0.00567	40.00	10.00	0.00443
50.00	10.00	0.00356	60.00	10.00	0.00291
70.00	10.00	0.00242	80.00	10.00	0.00204
90.00	10.00	0.00174	100.00	10.00	0.00150
-100.00	20.00	0.00289	-90.00	20.00	0.00327
-80.00	20.00	0.00373	-70.00	20.00	0.00428
-60.00	20.00	0.00496	-50.00	20.00	0.00579
-40.00	20.00	0.00684	-30.00	20.00	0.00818
-25.00	20.00	0.00903	-20.00	20.00	0.01007
-17.00	20.00	0.01083	-15.00	20.00	0.01142
-13.00	20.00	0.01211	-11.00	20.00	0.01291
-9.00	20.00	0.01390	9.00	20.00	0.01159
11.00	20.00	0.01056	13.00	20.00	0.00972
15.00	20.00	0.00901	17.00	20.00	0.00839
20.00	20.00	0.00759	25.00	20.00	0.00652

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

30.00	20.00	0.00569	40.00	20.00	0.00445
50.00	20.00	0.00358	60.00	20.00	0.00294
70.00	20.00	0.00245	80.00	20.00	0.00207
90.00	20.00	0.00177	100.00	20.00	0.00152
-100.00	30.00	0.00287	-90.00	30.00	0.00325
-80.00	30.00	0.00371	-70.00	30.00	0.00427
-60.00	30.00	0.00495	-50.00	30.00	0.00579
-40.00	30.00	0.00683	-30.00	30.00	0.00818
-25.00	30.00	0.00903	-20.00	30.00	0.01007
-17.00	30.00	0.01085	-15.00	30.00	0.01144
-13.00	30.00	0.01213	-11.00	30.00	0.01293
-9.00	30.00	0.01390	9.00	30.00	0.01162
11.00	30.00	0.01058	13.00	30.00	0.00973
15.00	30.00	0.00902	17.00	30.00	0.00840
20.00	30.00	0.00761	25.00	30.00	0.00654
30.00	30.00	0.00570	40.00	30.00	0.00447
50.00	30.00	0.00360	60.00	30.00	0.00296
70.00	30.00	0.00247	80.00	30.00	0.00209
90.00	30.00	0.00178	100.00	30.00	0.00154
-100.00	40.00	0.00284	-90.00	40.00	0.00323
-80.00	40.00	0.00369	-70.00	40.00	0.00425
-60.00	40.00	0.00494	-50.00	40.00	0.00578
-40.00	40.00	0.00683	-30.00	40.00	0.00817
-25.00	40.00	0.00903	-20.00	40.00	0.01008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 134
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.01084	-15.00	40.00	0.01143
-13.00	40.00	0.01212	-11.00	40.00	0.01295
-9.00	40.00	0.01394	9.00	40.00	0.01165
11.00	40.00	0.01060	13.00	40.00	0.00974
15.00	40.00	0.00903	17.00	40.00	0.00841
20.00	40.00	0.00762	25.00	40.00	0.00655
30.00	40.00	0.00571	40.00	40.00	0.00448
50.00	40.00	0.00361	60.00	40.00	0.00297
70.00	40.00	0.00248	80.00	40.00	0.00210
90.00	40.00	0.00180	100.00	40.00	0.00156

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-100.00	50.00	0.00281	-90.00	50.00	0.00320
-80.00	50.00	0.00366	-70.00	50.00	0.00423
-60.00	50.00	0.00492	-50.00	50.00	0.00576
-40.00	50.00	0.00682	-30.00	50.00	0.00817
-25.00	50.00	0.00902	-20.00	50.00	0.01006
-17.00	50.00	0.01083	-15.00	50.00	0.01143
-13.00	50.00	0.01211	-11.00	50.00	0.01294
-9.00	50.00	0.01394	9.00	50.00	0.01163
11.00	50.00	0.01061	13.00	50.00	0.00976
15.00	50.00	0.00904	17.00	50.00	0.00842
20.00	50.00	0.00762	25.00	50.00	0.00656
30.00	50.00	0.00572	40.00	50.00	0.00449
50.00	50.00	0.00362	60.00	50.00	0.00298
70.00	50.00	0.00250	80.00	50.00	0.00212
90.00	50.00	0.00182	100.00	50.00	0.00157
-100.00	60.00	0.00278	-90.00	60.00	0.00316
-80.00	60.00	0.00363	-70.00	60.00	0.00420
-60.00	60.00	0.00489	-50.00	60.00	0.00574
-40.00	60.00	0.00679	-30.00	60.00	0.00815
-25.00	60.00	0.00900	-20.00	60.00	0.01005
-17.00	60.00	0.01082	-15.00	60.00	0.01142
-13.00	60.00	0.01211	-11.00	60.00	0.01293
-9.00	60.00	0.01394	9.00	60.00	0.01158
11.00	60.00	0.01058	13.00	60.00	0.00975
15.00	60.00	0.00903	17.00	60.00	0.00841
20.00	60.00	0.00762	25.00	60.00	0.00656
30.00	60.00	0.00572	40.00	60.00	0.00449
50.00	60.00	0.00363	60.00	60.00	0.00299
70.00	60.00	0.00251	80.00	60.00	0.00213
90.00	60.00	0.00183	100.00	60.00	0.00158

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00274	-90.00	70.00	0.00312
-80.00	70.00	0.00359	-70.00	70.00	0.00416
-60.00	70.00	0.00485	-50.00	70.00	0.00570
-40.00	70.00	0.00676	-30.00	70.00	0.00812

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-25.00	70.00	0.00897	-20.00	70.00	0.01002
-17.00	70.00	0.01080	-15.00	70.00	0.01140
-13.00	70.00	0.01209	-11.00	70.00	0.01290
-9.00	70.00	0.01390	9.00	70.00	0.01157
11.00	70.00	0.01056	13.00	70.00	0.00973
15.00	70.00	0.00902	17.00	70.00	0.00840
20.00	70.00	0.00761	25.00	70.00	0.00655
30.00	70.00	0.00572	40.00	70.00	0.00449
50.00	70.00	0.00363	60.00	70.00	0.00300
70.00	70.00	0.00252	80.00	70.00	0.00214
90.00	70.00	0.00184	100.00	70.00	0.00160
-100.00	80.00	0.00269	-90.00	80.00	0.00308
-80.00	80.00	0.00354	-70.00	80.00	0.00411
-60.00	80.00	0.00481	-50.00	80.00	0.00566
-40.00	80.00	0.00672	-30.00	80.00	0.00808
-25.00	80.00	0.00893	-20.00	80.00	0.00998
-17.00	80.00	0.01076	-15.00	80.00	0.01136
-13.00	80.00	0.01205	-11.00	80.00	0.01286
-9.00	80.00	0.01386	9.00	80.00	0.01154
11.00	80.00	0.01054	13.00	80.00	0.00971
15.00	80.00	0.00900	17.00	80.00	0.00838
20.00	80.00	0.00759	25.00	80.00	0.00653
30.00	80.00	0.00570	40.00	80.00	0.00448
50.00	80.00	0.00363	60.00	80.00	0.00300
70.00	80.00	0.00252	80.00	80.00	0.00215
90.00	80.00	0.00185	100.00	80.00	0.00161
-100.00	90.00	0.00264	-90.00	90.00	0.00302
-80.00	90.00	0.00349	-70.00	90.00	0.00405
-60.00	90.00	0.00475	-50.00	90.00	0.00560
-40.00	90.00	0.00666	-30.00	90.00	0.00802
-25.00	90.00	0.00888	-20.00	90.00	0.00994
-17.00	90.00	0.01071	-15.00	90.00	0.01131
-13.00	90.00	0.01200	-11.00	90.00	0.01282
-9.00	90.00	0.01380	9.00	90.00	0.01152
11.00	90.00	0.01051	13.00	90.00	0.00968
15.00	90.00	0.00897	17.00	90.00	0.00835

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00756	25.00	90.00	0.00651
30.00	90.00	0.00569	40.00	90.00	0.00447
50.00	90.00	0.00363	60.00	90.00	0.00300
70.00	90.00	0.00253	80.00	90.00	0.00215
90.00	90.00	0.00186	100.00	90.00	0.00161
-100.00	100.00	0.00258	-90.00	100.00	0.00296
-80.00	100.00	0.00342	-70.00	100.00	0.00398
-60.00	100.00	0.00468	-50.00	100.00	0.00553
-40.00	100.00	0.00659	-30.00	100.00	0.00796
-25.00	100.00	0.00882	-20.00	100.00	0.00987
-17.00	100.00	0.01065	-15.00	100.00	0.01125
-13.00	100.00	0.01194	-11.00	100.00	0.01275
-9.00	100.00	0.01374	9.00	100.00	0.01149
11.00	100.00	0.01047	13.00	100.00	0.00964
15.00	100.00	0.00893	17.00	100.00	0.00832
20.00	100.00	0.00753	25.00	100.00	0.00648
30.00	100.00	0.00566	40.00	100.00	0.00446
50.00	100.00	0.00362	60.00	100.00	0.00300
70.00	100.00	0.00253	80.00	100.00	0.00216
90.00	100.00	0.00186	100.00	100.00	0.00162
-100.00	110.00	0.00251	-90.00	110.00	0.00289
-80.00	110.00	0.00335	-70.00	110.00	0.00390
-60.00	110.00	0.00459	-50.00	110.00	0.00544
-40.00	110.00	0.00651	-30.00	110.00	0.00787
-25.00	110.00	0.00873	-20.00	110.00	0.00979
-17.00	110.00	0.01057	-15.00	110.00	0.01117
-13.00	110.00	0.01186	-11.00	110.00	0.01267
-9.00	110.00	0.01366	9.00	110.00	0.01144
11.00	110.00	0.01042	13.00	110.00	0.00959
15.00	110.00	0.00889	17.00	110.00	0.00827
20.00	110.00	0.00749	25.00	110.00	0.00644
30.00	110.00	0.00563	40.00	110.00	0.00444
50.00	110.00	0.00361	60.00	110.00	0.00300
70.00	110.00	0.00253	80.00	110.00	0.00216
90.00	110.00	0.00186	100.00	110.00	0.00162
-100.00	120.00	0.00244	-90.00	120.00	0.00281
-80.00	120.00	0.00326	-70.00	120.00	0.00381
-60.00	120.00	0.00449	-50.00	120.00	0.00534
-40.00	120.00	0.00640	-30.00	120.00	0.00776
-25.00	120.00	0.00863	-20.00	120.00	0.00969

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.01047	-15.00	120.00	0.01108
-13.00	120.00	0.01177	-11.00	120.00	0.01258
-9.00	120.00	0.01357	9.00	120.00	0.01139
11.00	120.00	0.01036	13.00	120.00	0.00952
15.00	120.00	0.00882	17.00	120.00	0.00822
20.00	120.00	0.00744	25.00	120.00	0.00640
30.00	120.00	0.00559	40.00	120.00	0.00442
50.00	120.00	0.00359	60.00	120.00	0.00299
70.00	120.00	0.00252	80.00	120.00	0.00216
90.00	120.00	0.00186	100.00	120.00	0.00162
-100.00	130.00	0.00235	-90.00	130.00	0.00272
-80.00	130.00	0.00316	-70.00	130.00	0.00370
-60.00	130.00	0.00438	-50.00	130.00	0.00521
-40.00	130.00	0.00627	-30.00	130.00	0.00763
-25.00	130.00	0.00850	-20.00	130.00	0.00956
-17.00	130.00	0.01034	-15.00	130.00	0.01094
-13.00	130.00	0.01164	-11.00	130.00	0.01248
-9.00	130.00	0.01348	9.00	130.00	0.01132
11.00	130.00	0.01029	13.00	130.00	0.00944
15.00	130.00	0.00875	17.00	130.00	0.00815
20.00	130.00	0.00738	25.00	130.00	0.00635
30.00	130.00	0.00555	40.00	130.00	0.00439
50.00	130.00	0.00358	60.00	130.00	0.00298
70.00	130.00	0.00252	80.00	130.00	0.00215
90.00	130.00	0.00186	100.00	130.00	0.00162
-100.00	140.00	0.00225	-90.00	140.00	0.00261
-80.00	140.00	0.00305	-70.00	140.00	0.00358
-60.00	140.00	0.00424	-50.00	140.00	0.00506
-40.00	140.00	0.00611	-30.00	140.00	0.00747
-25.00	140.00	0.00834	-20.00	140.00	0.00940
-17.00	140.00	0.01018	-15.00	140.00	0.01079
-13.00	140.00	0.01149	-11.00	140.00	0.01232
-9.00	140.00	0.01334	9.00	140.00	0.01120
11.00	140.00	0.01020	13.00	140.00	0.00937
15.00	140.00	0.00867	17.00	140.00	0.00807
20.00	140.00	0.00731	25.00	140.00	0.00629

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

30.00	140.00	0.00550	40.00	140.00	0.00436
50.00	140.00	0.00356	60.00	140.00	0.00296
70.00	140.00	0.00251	80.00	140.00	0.00214
90.00	140.00	0.00185	100.00	140.00	0.00162

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
 PAGE 138
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00214	-90.00	150.00	0.00249
-80.00	150.00	0.00291	-70.00	150.00	0.00343
-60.00	150.00	0.00408	-50.00	150.00	0.00489
-40.00	150.00	0.00592	-30.00	150.00	0.00728
-25.00	150.00	0.00814	-20.00	150.00	0.00921
-17.00	150.00	0.00999	-15.00	150.00	0.01061
-13.00	150.00	0.01131	-11.00	150.00	0.01215
-9.00	150.00	0.01317	9.00	150.00	0.01104
11.00	150.00	0.01006	13.00	150.00	0.00925
15.00	150.00	0.00856	17.00	150.00	0.00797
20.00	150.00	0.00722	25.00	150.00	0.00622
30.00	150.00	0.00544	40.00	150.00	0.00432
50.00	150.00	0.00353	60.00	150.00	0.00294
70.00	150.00	0.00249	80.00	150.00	0.00213
90.00	150.00	0.00184	100.00	150.00	0.00161
-100.00	160.00	0.00202	-90.00	160.00	0.00235
-80.00	160.00	0.00276	-70.00	160.00	0.00327
-60.00	160.00	0.00390	-50.00	160.00	0.00469
-40.00	160.00	0.00570	-30.00	160.00	0.00704
-25.00	160.00	0.00790	-20.00	160.00	0.00897
-17.00	160.00	0.00975	-15.00	160.00	0.01037
-13.00	160.00	0.01108	-11.00	160.00	0.01191
-9.00	160.00	0.01293	9.00	160.00	0.01088
11.00	160.00	0.00991	13.00	160.00	0.00911
15.00	160.00	0.00844	17.00	160.00	0.00785
20.00	160.00	0.00711	25.00	160.00	0.00614
30.00	160.00	0.00538	40.00	160.00	0.00428
50.00	160.00	0.00350	60.00	160.00	0.00292
70.00	160.00	0.00247	80.00	160.00	0.00212
90.00	160.00	0.00184	100.00	160.00	0.00161

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-100.00	170.00	0.00189	-90.00	170.00	0.00220
-80.00	170.00	0.00259	-70.00	170.00	0.00308
-60.00	170.00	0.00368	-50.00	170.00	0.00445
-40.00	170.00	0.00543	-30.00	170.00	0.00674
-25.00	170.00	0.00760	-20.00	170.00	0.00866
-17.00	170.00	0.00945	-15.00	170.00	0.01007
-13.00	170.00	0.01078	-11.00	170.00	0.01161
-9.00	170.00	0.01263	9.00	170.00	0.01069
11.00	170.00	0.00973	13.00	170.00	0.00895
15.00	170.00	0.00829	17.00	170.00	0.00772

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00700	25.00	170.00	0.00605
30.00	170.00	0.00531	40.00	170.00	0.00423
50.00	170.00	0.00346	60.00	170.00	0.00289
70.00	170.00	0.00245	80.00	170.00	0.00210
90.00	170.00	0.00183	100.00	170.00	0.00160
-100.00	180.00	0.00175	-90.00	180.00	0.00204
-80.00	180.00	0.00240	-70.00	180.00	0.00285
-60.00	180.00	0.00343	-50.00	180.00	0.00416
-40.00	180.00	0.00511	-30.00	180.00	0.00639
-25.00	180.00	0.00722	-20.00	180.00	0.00828
-17.00	180.00	0.00907	-15.00	180.00	0.00968
-13.00	180.00	0.01039	-11.00	180.00	0.01123
-9.00	180.00	0.01225	9.00	180.00	0.01048
11.00	180.00	0.00953	13.00	180.00	0.00877
15.00	180.00	0.00812	17.00	180.00	0.00757
20.00	180.00	0.00687	25.00	180.00	0.00595
30.00	180.00	0.00523	40.00	180.00	0.00417
50.00	180.00	0.00341	60.00	180.00	0.00285
70.00	180.00	0.00242	80.00	180.00	0.00209
90.00	180.00	0.00182	100.00	180.00	0.00159
-100.00	190.00	0.00162	-90.00	190.00	0.00188
-80.00	190.00	0.00220	-70.00	190.00	0.00261
-60.00	190.00	0.00314	-50.00	190.00	0.00383
-40.00	190.00	0.00473	-30.00	190.00	0.00596

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-25.00	190.00	0.00677	-20.00	190.00	0.00781
-17.00	190.00	0.00859	-15.00	190.00	0.00920
-13.00	190.00	0.00991	-11.00	190.00	0.01075
-9.00	190.00	0.01177	9.00	190.00	0.01023
11.00	190.00	0.00930	13.00	190.00	0.00857
15.00	190.00	0.00795	17.00	190.00	0.00742
20.00	190.00	0.00674	25.00	190.00	0.00585
30.00	190.00	0.00515	40.00	190.00	0.00410
50.00	190.00	0.00337	60.00	190.00	0.00282
70.00	190.00	0.00240	80.00	190.00	0.00207
90.00	190.00	0.00180	100.00	190.00	0.00158
-100.00	200.00	0.00151	-90.00	200.00	0.00174
-80.00	200.00	0.00202	-70.00	200.00	0.00238
-60.00	200.00	0.00284	-50.00	200.00	0.00345
-40.00	200.00	0.00429	-30.00	200.00	0.00545
-25.00	200.00	0.00623	-20.00	200.00	0.00723

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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*** Maximum train overlap at North/South Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00799	-15.00	200.00	0.00859
-13.00	200.00	0.00929	-11.00	200.00	0.01013
-9.00	200.00	0.01115	9.00	200.00	0.00994
11.00	200.00	0.00906	13.00	200.00	0.00836
15.00	200.00	0.00777	17.00	200.00	0.00726
20.00	200.00	0.00660	25.00	200.00	0.00573
30.00	200.00	0.00505	40.00	200.00	0.00403
50.00	200.00	0.00332	60.00	200.00	0.00279
70.00	200.00	0.00238	80.00	200.00	0.00205
90.00	200.00	0.00179	100.00	200.00	0.00157
-100.00	210.00	0.00141	-90.00	210.00	0.00162
-80.00	210.00	0.00187	-70.00	210.00	0.00218
-60.00	210.00	0.00258	-50.00	210.00	0.00311
-40.00	210.00	0.00382	-30.00	210.00	0.00485
-25.00	210.00	0.00558	-20.00	210.00	0.00653
-17.00	210.00	0.00726	-15.00	210.00	0.00784
-13.00	210.00	0.00852	-11.00	210.00	0.00933
-9.00	210.00	0.01034	9.00	210.00	0.00966

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

11.00	210.00	0.00882	13.00	210.00	0.00814
15.00	210.00	0.00758	17.00	210.00	0.00709
20.00	210.00	0.00645	25.00	210.00	0.00561
30.00	210.00	0.00495	40.00	210.00	0.00396
50.00	210.00	0.00327	60.00	210.00	0.00275
70.00	210.00	0.00235	80.00	210.00	0.00203
90.00	210.00	0.00177	100.00	210.00	0.00156
-100.00	220.00	0.00133	-90.00	220.00	0.00152
-80.00	220.00	0.00175	-70.00	220.00	0.00203
-60.00	220.00	0.00238	-50.00	220.00	0.00284
-40.00	220.00	0.00346	-30.00	220.00	0.00434
-25.00	220.00	0.00496	-20.00	220.00	0.00578
-17.00	220.00	0.00641	-15.00	220.00	0.00692
-13.00	220.00	0.00753	-11.00	220.00	0.00827
-9.00	220.00	0.00919	9.00	220.00	0.00938
11.00	220.00	0.00858	13.00	220.00	0.00792
15.00	220.00	0.00738	17.00	220.00	0.00691
20.00	220.00	0.00630	25.00	220.00	0.00549
30.00	220.00	0.00484	40.00	220.00	0.00389
50.00	220.00	0.00321	60.00	220.00	0.00270
70.00	220.00	0.00231	80.00	220.00	0.00200
90.00	220.00	0.00175	100.00	220.00	0.00155

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00126	-90.00	230.00	0.00143
-80.00	230.00	0.00164	-70.00	230.00	0.00191
-60.00	230.00	0.00223	-50.00	230.00	0.00265
-40.00	230.00	0.00322	-30.00	230.00	0.00404
-25.00	230.00	0.00462	-20.00	230.00	0.00537
-17.00	230.00	0.00595	-15.00	230.00	0.00641
-13.00	230.00	0.00694	-11.00	230.00	0.00758
-9.00	230.00	0.00834	9.00	230.00	0.00889
11.00	230.00	0.00820	13.00	230.00	0.00760
15.00	230.00	0.00709	17.00	230.00	0.00665
20.00	230.00	0.00607	25.00	230.00	0.00530
30.00	230.00	0.00468	40.00	230.00	0.00377

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

50.00	230.00	0.00312	60.00	230.00	0.00264
70.00	230.00	0.00226	80.00	230.00	0.00196
90.00	230.00	0.00172	100.00	230.00	0.00152
-100.00	240.00	0.00120	-90.00	240.00	0.00136
-80.00	240.00	0.00156	-70.00	240.00	0.00181
-60.00	240.00	0.00212	-50.00	240.00	0.00252
-40.00	240.00	0.00306	-30.00	240.00	0.00385
-25.00	240.00	0.00440	-20.00	240.00	0.00512
-17.00	240.00	0.00568	-15.00	240.00	0.00612
-13.00	240.00	0.00662	-11.00	240.00	0.00719
-9.00	240.00	0.00781	9.00	240.00	0.00774
11.00	240.00	0.00730	13.00	240.00	0.00688
15.00	240.00	0.00650	17.00	240.00	0.00615
20.00	240.00	0.00568	25.00	240.00	0.00501
30.00	240.00	0.00446	40.00	240.00	0.00362
50.00	240.00	0.00302	60.00	240.00	0.00256
70.00	240.00	0.00220	80.00	240.00	0.00192
90.00	240.00	0.00169	100.00	240.00	0.00149
-100.00	250.00	0.00115	-90.00	250.00	0.00131
-80.00	250.00	0.00150	-70.00	250.00	0.00173
-60.00	250.00	0.00202	-50.00	250.00	0.00240
-40.00	250.00	0.00292	-30.00	250.00	0.00368
-25.00	250.00	0.00420	-20.00	250.00	0.00489
-17.00	250.00	0.00539	-15.00	250.00	0.00576
-13.00	250.00	0.00615	-11.00	250.00	0.00655
-9.00	250.00	0.00692	9.00	250.00	0.00656
11.00	250.00	0.00628	13.00	250.00	0.00601
15.00	250.00	0.00575	17.00	250.00	0.00550

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 16:57:07
 MODELOPTs: * Maximum train overlap at North/South Bound Direction ***

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00514	25.00	250.00	0.00462
30.00	250.00	0.00417	40.00	250.00	0.00345
50.00	250.00	0.00290	60.00	250.00	0.00247
70.00	250.00	0.00214	80.00	250.00	0.00187
90.00	250.00	0.00165	100.00	250.00	0.00146

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00747 AT (-9.00, 190.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00741 AT (-9.00, 200.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00727 AT (-9.00, 180.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00705 AT (-9.00, 210.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00682 AT (-9.00, 170.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00665 AT (9.00, 220.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00659 AT (9.00, 210.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00652 AT (-11.00, 190.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00647 AT (9.00, 200.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00644 AT (9.00, 230.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00747 AT (-9.00, 100.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00741 AT (-9.00, 110.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00727 AT (-9.00, 90.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00705 AT (-9.00, 120.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00682 AT (-9.00, 80.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00665 AT (9.00, 130.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00659 AT (9.00, 120.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00652 AT (-11.00, 100.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00647 AT (9.00, 110.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00644 AT (9.00, 140.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00747 AT (-9.00, 10.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00741 AT (-9.00, 20.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00727 AT (-9.00, 0.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00705 AT (-9.00, 30.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00682 AT (-9.00, -10.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00665 AT (9.00, 40.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00659 AT (9.00, 30.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00652 AT (-11.00, 10.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00647 AT (9.00, 20.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00644 AT (9.00, 50.00, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00747 AT (-9.00, -80.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00741 AT (-9.00, -70.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00727 AT (-9.00, -90.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00705 AT (-9.00, -60.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00682 AT (-9.00, -100.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00665 AT (9.00, -50.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00659 AT (9.00, -60.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00652 AT (-11.00, -80.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00647 AT (9.00, -70.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00644 AT (9.00, -40.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00747 AT (-9.00, -170.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00741 AT (-9.00, -160.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00727 AT (-9.00, -180.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00705 AT (-9.00, -150.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00682 AT (-9.00, -190.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00665 AT (9.00, -140.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00659 AT (9.00, -150.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00652 AT (-11.00, -170.00, 0.00, 1.20)	DC	NA

		05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound								
	9TH HIGHEST VALUE IS	0.00647	AT (	9.00,	-160.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00644	AT (	9.00,	-130.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01394	AT (	-9.00,	40.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01394	AT (	-9.00,	50.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01394	AT (	-9.00,	60.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01390	AT (	-9.00,	30.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01390	AT (	-9.00,	70.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01390	AT (	-9.00,	20.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01388	AT (	-9.00,	10.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01386	AT (	-9.00,	80.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01385	AT (	-9.00,	0.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01383	AT (	-9.00,	-10.00,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 1 Informational Message(s)
 A Total of 1 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 17:08:00

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\06NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound.dat

** Trinity Consultants

CO STARTING

CO TITLEONE NCRA Cumulative DPM Impacts

CO TITLETWO Maximum train overlap at East/West Bound Direction

CO MODELOPT DFAULT CONC URBAN

CO AVERTIME ANNUAL

CO POLLUTID OTHER

CO TERRHGTS FLAT

CO FLAGPOLE 1.2

CO RUNORNOT RUN

CO FINISHED

SO STARTING

SO ELEVUNIT METERS

SO LOCATION NCRA_S1 AREA 135.0 4.5 0

** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South

SO LOCATION NCRA_S2 AREA 45.0 4.5 0

** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South

SO LOCATION NCRA_S3 AREA -45.0 4.5 0

** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South

SO LOCATION NCRA_S4 AREA -135.0 4.5 0

** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South

SO LOCATION NCRA_S5 AREA -225.0 4.5 0

** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South

SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 90 2.3

SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 90 2.3

SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 90 2.3

SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 90 2.3

SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 90 2.3

SO SRCGROUP NCRA_S1 NCRA_S1

SO SRCGROUP NCRA_S2 NCRA_S2

SO SRCGROUP NCRA_S3 NCRA_S3

SO SRCGROUP NCRA_S4 NCRA_S4

SO SRCGROUP NCRA_S5 NCRA_S5

SO SRCGROUP ALL

SO FINISHED

RE STARTING

RE DISCCART	-250.0	100.0	1.2
RE DISCCART	-250.0	90.0	1.2
RE DISCCART	-250.0	80.0	1.2
RE DISCCART	-250.0	70.0	1.2
RE DISCCART	-250.0	60.0	1.2
RE DISCCART	-250.0	50.0	1.2
RE DISCCART	-250.0	40.0	1.2
RE DISCCART	-250.0	30.0	1.2
RE DISCCART	-250.0	25.0	1.2
RE DISCCART	-250.0	20.0	1.2
RE DISCCART	-250.0	17.0	1.2
RE DISCCART	-250.0	15.0	1.2
RE DISCCART	-250.0	13.0	1.2
RE DISCCART	-250.0	11.0	1.2
RE DISCCART	-250.0	9.0	1.2
RE DISCCART	-250.0	-9.0	1.2
RE DISCCART	-250.0	-11.0	1.2
RE DISCCART	-250.0	-13.0	1.2
RE DISCCART	-250.0	-15.0	1.2
RE DISCCART	-250.0	-17.0	1.2
RE DISCCART	-250.0	-20.0	1.2
RE DISCCART	-250.0	-25.0	1.2
RE DISCCART	-250.0	-30.0	1.2
RE DISCCART	-250.0	-40.0	1.2
RE DISCCART	-250.0	-50.0	1.2
RE DISCCART	-250.0	-60.0	1.2
RE DISCCART	-250.0	-70.0	1.2
RE DISCCART	-250.0	-80.0	1.2
RE DISCCART	-250.0	-90.0	1.2
RE DISCCART	-250.0	-100.0	1.2
RE DISCCART	-240.0	100.0	1.2
RE DISCCART	-240.0	90.0	1.2
RE DISCCART	-240.0	80.0	1.2
RE DISCCART	-240.0	70.0	1.2
RE DISCCART	-240.0	60.0	1.2
RE DISCCART	-240.0	50.0	1.2
RE DISCCART	-240.0	40.0	1.2
RE DISCCART	-240.0	30.0	1.2
RE DISCCART	-240.0	25.0	1.2
RE DISCCART	-240.0	20.0	1.2
RE DISCCART	-240.0	17.0	1.2
RE DISCCART	-240.0	15.0	1.2
RE DISCCART	-240.0	13.0	1.2

RE DISCCART	-240.0	11.0	1.2
RE DISCCART	-240.0	9.0	1.2
RE DISCCART	-240.0	-9.0	1.2
RE DISCCART	-240.0	-11.0	1.2
RE DISCCART	-240.0	-13.0	1.2
RE DISCCART	-240.0	-15.0	1.2
RE DISCCART	-240.0	-17.0	1.2
RE DISCCART	-240.0	-20.0	1.2
RE DISCCART	-240.0	-25.0	1.2
RE DISCCART	-240.0	-30.0	1.2
RE DISCCART	-240.0	-40.0	1.2
RE DISCCART	-240.0	-50.0	1.2
RE DISCCART	-240.0	-60.0	1.2
RE DISCCART	-240.0	-70.0	1.2
RE DISCCART	-240.0	-80.0	1.2
RE DISCCART	-240.0	-90.0	1.2
RE DISCCART	-240.0	-100.0	1.2
RE DISCCART	-230.0	100.0	1.2
RE DISCCART	-230.0	90.0	1.2
RE DISCCART	-230.0	80.0	1.2
RE DISCCART	-230.0	70.0	1.2
RE DISCCART	-230.0	60.0	1.2
RE DISCCART	-230.0	50.0	1.2
RE DISCCART	-230.0	40.0	1.2
RE DISCCART	-230.0	30.0	1.2
RE DISCCART	-230.0	25.0	1.2
RE DISCCART	-230.0	20.0	1.2
RE DISCCART	-230.0	17.0	1.2
RE DISCCART	-230.0	15.0	1.2
RE DISCCART	-230.0	13.0	1.2
RE DISCCART	-230.0	11.0	1.2
RE DISCCART	-230.0	9.0	1.2
RE DISCCART	-230.0	-9.0	1.2
RE DISCCART	-230.0	-11.0	1.2
RE DISCCART	-230.0	-13.0	1.2
RE DISCCART	-230.0	-15.0	1.2
RE DISCCART	-230.0	-17.0	1.2
RE DISCCART	-230.0	-20.0	1.2
RE DISCCART	-230.0	-25.0	1.2
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RE DISCCART	60.0	50.0	1.2
RE DISCCART	60.0	40.0	1.2
RE DISCCART	60.0	30.0	1.2
RE DISCCART	60.0	25.0	1.2
RE DISCCART	60.0	20.0	1.2
RE DISCCART	60.0	17.0	1.2
RE DISCCART	60.0	15.0	1.2
RE DISCCART	60.0	13.0	1.2
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RE DISCCART	200.0	-30.0	1.2
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RE DISCCART	200.0	-50.0	1.2
RE DISCCART	200.0	-60.0	1.2
RE DISCCART	200.0	-70.0	1.2
RE DISCCART	200.0	-80.0	1.2
RE DISCCART	200.0	-90.0	1.2
RE DISCCART	200.0	-100.0	1.2
RE DISCCART	210.0	100.0	1.2
RE DISCCART	210.0	90.0	1.2
RE DISCCART	210.0	80.0	1.2
RE DISCCART	210.0	70.0	1.2
RE DISCCART	210.0	60.0	1.2
RE DISCCART	210.0	50.0	1.2
RE DISCCART	210.0	40.0	1.2
RE DISCCART	210.0	30.0	1.2
RE DISCCART	210.0	25.0	1.2
RE DISCCART	210.0	20.0	1.2
RE DISCCART	210.0	17.0	1.2
RE DISCCART	210.0	15.0	1.2
RE DISCCART	210.0	13.0	1.2
RE DISCCART	210.0	11.0	1.2
RE DISCCART	210.0	9.0	1.2
RE DISCCART	210.0	-9.0	1.2
RE DISCCART	210.0	-11.0	1.2
RE DISCCART	210.0	-13.0	1.2
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RE DISCCART	210.0	-40.0	1.2
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RE DISCCART	210.0	-60.0	1.2
RE DISCCART	210.0	-70.0	1.2

RE DISCCART	210.0	-80.0	1.2
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RE DISCCART	210.0	-100.0	1.2
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RE DISCCART	220.0	-17.0	1.2
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RE DISCCART	220.0	-40.0	1.2
RE DISCCART	220.0	-50.0	1.2
RE DISCCART	220.0	-60.0	1.2
RE DISCCART	220.0	-70.0	1.2
RE DISCCART	220.0	-80.0	1.2
RE DISCCART	220.0	-90.0	1.2
RE DISCCART	220.0	-100.0	1.2
RE DISCCART	230.0	100.0	1.2
RE DISCCART	230.0	90.0	1.2
RE DISCCART	230.0	80.0	1.2
RE DISCCART	230.0	70.0	1.2
RE DISCCART	230.0	60.0	1.2
RE DISCCART	230.0	50.0	1.2
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RE DISCCART	230.0	-25.0	1.2
RE DISCCART	230.0	-30.0	1.2
RE DISCCART	230.0	-40.0	1.2
RE DISCCART	230.0	-50.0	1.2
RE DISCCART	230.0	-60.0	1.2
RE DISCCART	230.0	-70.0	1.2
RE DISCCART	230.0	-80.0	1.2
RE DISCCART	230.0	-90.0	1.2
RE DISCCART	230.0	-100.0	1.2
RE DISCCART	240.0	100.0	1.2
RE DISCCART	240.0	90.0	1.2
RE DISCCART	240.0	80.0	1.2
RE DISCCART	240.0	70.0	1.2
RE DISCCART	240.0	60.0	1.2
RE DISCCART	240.0	50.0	1.2
RE DISCCART	240.0	40.0	1.2
RE DISCCART	240.0	30.0	1.2
RE DISCCART	240.0	25.0	1.2
RE DISCCART	240.0	20.0	1.2
RE DISCCART	240.0	17.0	1.2
RE DISCCART	240.0	15.0	1.2
RE DISCCART	240.0	13.0	1.2
RE DISCCART	240.0	11.0	1.2
RE DISCCART	240.0	9.0	1.2
RE DISCCART	240.0	-9.0	1.2
RE DISCCART	240.0	-11.0	1.2
RE DISCCART	240.0	-13.0	1.2
RE DISCCART	240.0	-15.0	1.2
RE DISCCART	240.0	-17.0	1.2
RE DISCCART	240.0	-20.0	1.2
RE DISCCART	240.0	-25.0	1.2
RE DISCCART	240.0	-30.0	1.2
RE DISCCART	240.0	-40.0	1.2
RE DISCCART	240.0	-50.0	1.2

RE DISCCART 240.0 -60.0 1.2
RE DISCCART 240.0 -70.0 1.2
RE DISCCART 240.0 -80.0 1.2
RE DISCCART 240.0 -90.0 1.2
RE DISCCART 240.0 -100.0 1.2
RE DISCCART 250.0 100.0 1.2
RE DISCCART 250.0 90.0 1.2
RE DISCCART 250.0 80.0 1.2
RE DISCCART 250.0 70.0 1.2
RE DISCCART 250.0 60.0 1.2
RE DISCCART 250.0 50.0 1.2
RE DISCCART 250.0 40.0 1.2
RE DISCCART 250.0 30.0 1.2
RE DISCCART 250.0 25.0 1.2
RE DISCCART 250.0 20.0 1.2
RE DISCCART 250.0 17.0 1.2
RE DISCCART 250.0 15.0 1.2
RE DISCCART 250.0 13.0 1.2
RE DISCCART 250.0 11.0 1.2
RE DISCCART 250.0 9.0 1.2
RE DISCCART 250.0 -9.0 1.2
RE DISCCART 250.0 -11.0 1.2
RE DISCCART 250.0 -13.0 1.2
RE DISCCART 250.0 -15.0 1.2
RE DISCCART 250.0 -17.0 1.2
RE DISCCART 250.0 -20.0 1.2
RE DISCCART 250.0 -25.0 1.2
RE DISCCART 250.0 -30.0 1.2
RE DISCCART 250.0 -40.0 1.2
RE DISCCART 250.0 -50.0 1.2
RE DISCCART 250.0 -60.0 1.2
RE DISCCART 250.0 -70.0 1.2
RE DISCCART 250.0 -80.0 1.2
RE DISCCART 250.0 -90.0 1.2
RE DISCCART 250.0 -100.0 1.2
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP94300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 1994

ME UAIRDATA 4901 1994

ME STARTEND 1994 01 01 1 1994 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\06NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\06NCRA_NAPA94-300_DPM_TRAV_ANN_N-S Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

 *** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
 m for Missing Hours
 b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =
 0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\06NCRA-1.DAT

**Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\06NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 2

CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

EMISSION RATE SOURCE SCALAR VARY ID BY	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	135.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S2	0	0.21100E-07	45.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S3	0	0.21100E-07	-45.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S4	0	0.21100E-07	-135.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S5	0	0.21100E-07	-225.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 3

CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

NCRA_S1 NCRA_S1 ,

NCRA_S2 NCRA_S2 ,

NCRA_S3 NCRA_S3 ,

NCRA_S4 NCRA_S4 ,

NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 4

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-250.0, 100.0, 0.0, 1.2); (-250.0, 90.0, 0.0, 1.2);
 (-250.0, 80.0, 0.0, 1.2); (-250.0, 70.0, 0.0, 1.2);
 (-250.0, 60.0, 0.0, 1.2); (-250.0, 50.0, 0.0, 1.2);

06NCRA_NAPA94-300_DPM_TRAV_ANN E-W Bound

(-250.0,	40.0,	0.0,	1.2);	(-250.0,	30.0,	0.0,	1.2);
(-250.0,	25.0,	0.0,	1.2);	(-250.0,	20.0,	0.0,	1.2);
(-250.0,	17.0,	0.0,	1.2);	(-250.0,	15.0,	0.0,	1.2);
(-250.0,	13.0,	0.0,	1.2);	(-250.0,	11.0,	0.0,	1.2);
(-250.0,	9.0,	0.0,	1.2);	(-250.0,	-9.0,	0.0,	1.2);
(-250.0,	-11.0,	0.0,	1.2);	(-250.0,	-13.0,	0.0,	1.2);
(-250.0,	-15.0,	0.0,	1.2);	(-250.0,	-17.0,	0.0,	1.2);
(-250.0,	-20.0,	0.0,	1.2);	(-250.0,	-25.0,	0.0,	1.2);
(-250.0,	-30.0,	0.0,	1.2);	(-250.0,	-40.0,	0.0,	1.2);
(-250.0,	-50.0,	0.0,	1.2);	(-250.0,	-60.0,	0.0,	1.2);
(-250.0,	-70.0,	0.0,	1.2);	(-250.0,	-80.0,	0.0,	1.2);
(-250.0,	-90.0,	0.0,	1.2);	(-250.0,	-100.0,	0.0,	1.2);
(-240.0,	100.0,	0.0,	1.2);	(-240.0,	90.0,	0.0,	1.2);
(-240.0,	80.0,	0.0,	1.2);	(-240.0,	70.0,	0.0,	1.2);
(-240.0,	60.0,	0.0,	1.2);	(-240.0,	50.0,	0.0,	1.2);
(-240.0,	40.0,	0.0,	1.2);	(-240.0,	30.0,	0.0,	1.2);
(-240.0,	25.0,	0.0,	1.2);	(-240.0,	20.0,	0.0,	1.2);
(-240.0,	17.0,	0.0,	1.2);	(-240.0,	15.0,	0.0,	1.2);
(-240.0,	13.0,	0.0,	1.2);	(-240.0,	11.0,	0.0,	1.2);
(-240.0,	9.0,	0.0,	1.2);	(-240.0,	-9.0,	0.0,	1.2);
(-240.0,	-11.0,	0.0,	1.2);	(-240.0,	-13.0,	0.0,	1.2);
(-240.0,	-15.0,	0.0,	1.2);	(-240.0,	-17.0,	0.0,	1.2);
(-240.0,	-20.0,	0.0,	1.2);	(-240.0,	-25.0,	0.0,	1.2);
(-240.0,	-30.0,	0.0,	1.2);	(-240.0,	-40.0,	0.0,	1.2);
(-240.0,	-50.0,	0.0,	1.2);	(-240.0,	-60.0,	0.0,	1.2);
(-240.0,	-70.0,	0.0,	1.2);	(-240.0,	-80.0,	0.0,	1.2);
(-240.0,	-90.0,	0.0,	1.2);	(-240.0,	-100.0,	0.0,	1.2);
(-230.0,	100.0,	0.0,	1.2);	(-230.0,	90.0,	0.0,	1.2);
(-230.0,	80.0,	0.0,	1.2);	(-230.0,	70.0,	0.0,	1.2);
(-230.0,	60.0,	0.0,	1.2);	(-230.0,	50.0,	0.0,	1.2);
(-230.0,	40.0,	0.0,	1.2);	(-230.0,	30.0,	0.0,	1.2);
(-230.0,	25.0,	0.0,	1.2);	(-230.0,	20.0,	0.0,	1.2);
(-230.0,	17.0,	0.0,	1.2);	(-230.0,	15.0,	0.0,	1.2);
(-230.0,	13.0,	0.0,	1.2);	(-230.0,	11.0,	0.0,	1.2);
(-230.0,	9.0,	0.0,	1.2);	(-230.0,	-9.0,	0.0,	1.2);
(-230.0,	-11.0,	0.0,	1.2);	(-230.0,	-13.0,	0.0,	1.2);
(-230.0,	-15.0,	0.0,	1.2);	(-230.0,	-17.0,	0.0,	1.2);
(-230.0,	-20.0,	0.0,	1.2);	(-230.0,	-25.0,	0.0,	1.2);
(-230.0,	-30.0,	0.0,	1.2);	(-230.0,	-40.0,	0.0,	1.2);
(-230.0,	-50.0,	0.0,	1.2);	(-230.0,	-60.0,	0.0,	1.2);
(-230.0,	-70.0,	0.0,	1.2);	(-230.0,	-80.0,	0.0,	1.2);
(-230.0,	-90.0,	0.0,	1.2);	(-230.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:08:00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-220.0, 100.0, 0.0, 1.2);	(-220.0, 90.0, 0.0, 1.2);
(-220.0, 80.0, 0.0, 1.2);	(-220.0, 70.0, 0.0, 1.2);
(-220.0, 60.0, 0.0, 1.2);	(-220.0, 50.0, 0.0, 1.2);
(-220.0, 40.0, 0.0, 1.2);	(-220.0, 30.0, 0.0, 1.2);
(-220.0, 25.0, 0.0, 1.2);	(-220.0, 20.0, 0.0, 1.2);
(-220.0, 17.0, 0.0, 1.2);	(-220.0, 15.0, 0.0, 1.2);
(-220.0, 13.0, 0.0, 1.2);	(-220.0, 11.0, 0.0, 1.2);
(-220.0, 9.0, 0.0, 1.2);	(-220.0, -9.0, 0.0, 1.2);
(-220.0, -11.0, 0.0, 1.2);	(-220.0, -13.0, 0.0, 1.2);
(-220.0, -15.0, 0.0, 1.2);	(-220.0, -17.0, 0.0, 1.2);
(-220.0, -20.0, 0.0, 1.2);	(-220.0, -25.0, 0.0, 1.2);
(-220.0, -30.0, 0.0, 1.2);	(-220.0, -40.0, 0.0, 1.2);
(-220.0, -50.0, 0.0, 1.2);	(-220.0, -60.0, 0.0, 1.2);
(-220.0, -70.0, 0.0, 1.2);	(-220.0, -80.0, 0.0, 1.2);
(-220.0, -90.0, 0.0, 1.2);	(-220.0, -100.0, 0.0, 1.2);
(-210.0, 100.0, 0.0, 1.2);	(-210.0, 90.0, 0.0, 1.2);
(-210.0, 80.0, 0.0, 1.2);	(-210.0, 70.0, 0.0, 1.2);
(-210.0, 60.0, 0.0, 1.2);	(-210.0, 50.0, 0.0, 1.2);
(-210.0, 40.0, 0.0, 1.2);	(-210.0, 30.0, 0.0, 1.2);
(-210.0, 25.0, 0.0, 1.2);	(-210.0, 20.0, 0.0, 1.2);
(-210.0, 17.0, 0.0, 1.2);	(-210.0, 15.0, 0.0, 1.2);
(-210.0, 13.0, 0.0, 1.2);	(-210.0, 11.0, 0.0, 1.2);
(-210.0, 9.0, 0.0, 1.2);	(-210.0, -9.0, 0.0, 1.2);
(-210.0, -11.0, 0.0, 1.2);	(-210.0, -13.0, 0.0, 1.2);
(-210.0, -15.0, 0.0, 1.2);	(-210.0, -17.0, 0.0, 1.2);
(-210.0, -20.0, 0.0, 1.2);	(-210.0, -25.0, 0.0, 1.2);
(-210.0, -30.0, 0.0, 1.2);	(-210.0, -40.0, 0.0, 1.2);
(-210.0, -50.0, 0.0, 1.2);	(-210.0, -60.0, 0.0, 1.2);
(-210.0, -70.0, 0.0, 1.2);	(-210.0, -80.0, 0.0, 1.2);
(-210.0, -90.0, 0.0, 1.2);	(-210.0, -100.0, 0.0, 1.2);
(-200.0, 100.0, 0.0, 1.2);	(-200.0, 90.0, 0.0, 1.2);
(-200.0, 80.0, 0.0, 1.2);	(-200.0, 70.0, 0.0, 1.2);
(-200.0, 60.0, 0.0, 1.2);	(-200.0, 50.0, 0.0, 1.2);
(-200.0, 40.0, 0.0, 1.2);	(-200.0, 30.0, 0.0, 1.2);
(-200.0, 25.0, 0.0, 1.2);	(-200.0, 20.0, 0.0, 1.2);
(-200.0, 17.0, 0.0, 1.2);	(-200.0, 15.0, 0.0, 1.2);
(-200.0, 13.0, 0.0, 1.2);	(-200.0, 11.0, 0.0, 1.2);
(-200.0, 9.0, 0.0, 1.2);	(-200.0, -9.0, 0.0, 1.2);
(-200.0, -11.0, 0.0, 1.2);	(-200.0, -13.0, 0.0, 1.2);

06NCRA_NAPA94-300_DPM_TRAV_ANN E-W Bound

(-200.0,	-15.0,	0.0,	1.2);	(-200.0,	-17.0,	0.0,	1.2);
(-200.0,	-20.0,	0.0,	1.2);	(-200.0,	-25.0,	0.0,	1.2);
(-200.0,	-30.0,	0.0,	1.2);	(-200.0,	-40.0,	0.0,	1.2);
(-200.0,	-50.0,	0.0,	1.2);	(-200.0,	-60.0,	0.0,	1.2);
(-200.0,	-70.0,	0.0,	1.2);	(-200.0,	-80.0,	0.0,	1.2);
(-200.0,	-90.0,	0.0,	1.2);	(-200.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

PAGE 6

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-190.0,	100.0,	0.0,	1.2);	(-190.0,	90.0,	0.0,	1.2);
(-190.0,	80.0,	0.0,	1.2);	(-190.0,	70.0,	0.0,	1.2);
(-190.0,	60.0,	0.0,	1.2);	(-190.0,	50.0,	0.0,	1.2);
(-190.0,	40.0,	0.0,	1.2);	(-190.0,	30.0,	0.0,	1.2);
(-190.0,	25.0,	0.0,	1.2);	(-190.0,	20.0,	0.0,	1.2);
(-190.0,	17.0,	0.0,	1.2);	(-190.0,	15.0,	0.0,	1.2);
(-190.0,	13.0,	0.0,	1.2);	(-190.0,	11.0,	0.0,	1.2);
(-190.0,	9.0,	0.0,	1.2);	(-190.0,	-9.0,	0.0,	1.2);
(-190.0,	-11.0,	0.0,	1.2);	(-190.0,	-13.0,	0.0,	1.2);
(-190.0,	-15.0,	0.0,	1.2);	(-190.0,	-17.0,	0.0,	1.2);
(-190.0,	-20.0,	0.0,	1.2);	(-190.0,	-25.0,	0.0,	1.2);
(-190.0,	-30.0,	0.0,	1.2);	(-190.0,	-40.0,	0.0,	1.2);
(-190.0,	-50.0,	0.0,	1.2);	(-190.0,	-60.0,	0.0,	1.2);
(-190.0,	-70.0,	0.0,	1.2);	(-190.0,	-80.0,	0.0,	1.2);
(-190.0,	-90.0,	0.0,	1.2);	(-190.0,	-100.0,	0.0,	1.2);
(-180.0,	100.0,	0.0,	1.2);	(-180.0,	90.0,	0.0,	1.2);
(-180.0,	80.0,	0.0,	1.2);	(-180.0,	70.0,	0.0,	1.2);
(-180.0,	60.0,	0.0,	1.2);	(-180.0,	50.0,	0.0,	1.2);
(-180.0,	40.0,	0.0,	1.2);	(-180.0,	30.0,	0.0,	1.2);
(-180.0,	25.0,	0.0,	1.2);	(-180.0,	20.0,	0.0,	1.2);
(-180.0,	17.0,	0.0,	1.2);	(-180.0,	15.0,	0.0,	1.2);
(-180.0,	13.0,	0.0,	1.2);	(-180.0,	11.0,	0.0,	1.2);
(-180.0,	9.0,	0.0,	1.2);	(-180.0,	-9.0,	0.0,	1.2);
(-180.0,	-11.0,	0.0,	1.2);	(-180.0,	-13.0,	0.0,	1.2);
(-180.0,	-15.0,	0.0,	1.2);	(-180.0,	-17.0,	0.0,	1.2);
(-180.0,	-20.0,	0.0,	1.2);	(-180.0,	-25.0,	0.0,	1.2);
(-180.0,	-30.0,	0.0,	1.2);	(-180.0,	-40.0,	0.0,	1.2);
(-180.0,	-50.0,	0.0,	1.2);	(-180.0,	-60.0,	0.0,	1.2);
(-180.0,	-70.0,	0.0,	1.2);	(-180.0,	-80.0,	0.0,	1.2);
(-180.0,	-90.0,	0.0,	1.2);	(-180.0,	-100.0,	0.0,	1.2);
(-170.0,	100.0,	0.0,	1.2);	(-170.0,	90.0,	0.0,	1.2);

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

(-170.0,	80.0,	0.0,	1.2);	(-170.0,	70.0,	0.0,	1.2);
(-170.0,	60.0,	0.0,	1.2);	(-170.0,	50.0,	0.0,	1.2);
(-170.0,	40.0,	0.0,	1.2);	(-170.0,	30.0,	0.0,	1.2);
(-170.0,	25.0,	0.0,	1.2);	(-170.0,	20.0,	0.0,	1.2);
(-170.0,	17.0,	0.0,	1.2);	(-170.0,	15.0,	0.0,	1.2);
(-170.0,	13.0,	0.0,	1.2);	(-170.0,	11.0,	0.0,	1.2);
(-170.0,	9.0,	0.0,	1.2);	(-170.0,	-9.0,	0.0,	1.2);
(-170.0,	-11.0,	0.0,	1.2);	(-170.0,	-13.0,	0.0,	1.2);
(-170.0,	-15.0,	0.0,	1.2);	(-170.0,	-17.0,	0.0,	1.2);
(-170.0,	-20.0,	0.0,	1.2);	(-170.0,	-25.0,	0.0,	1.2);
(-170.0,	-30.0,	0.0,	1.2);	(-170.0,	-40.0,	0.0,	1.2);
(-170.0,	-50.0,	0.0,	1.2);	(-170.0,	-60.0,	0.0,	1.2);
(-170.0,	-70.0,	0.0,	1.2);	(-170.0,	-80.0,	0.0,	1.2);
(-170.0,	-90.0,	0.0,	1.2);	(-170.0,	-100.0,	0.0,	1.2);

1 *** ISCT3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 7
 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-160.0,	100.0,	0.0,	1.2);	(-160.0,	90.0,	0.0,	1.2);
(-160.0,	80.0,	0.0,	1.2);	(-160.0,	70.0,	0.0,	1.2);
(-160.0,	60.0,	0.0,	1.2);	(-160.0,	50.0,	0.0,	1.2);
(-160.0,	40.0,	0.0,	1.2);	(-160.0,	30.0,	0.0,	1.2);
(-160.0,	25.0,	0.0,	1.2);	(-160.0,	20.0,	0.0,	1.2);
(-160.0,	17.0,	0.0,	1.2);	(-160.0,	15.0,	0.0,	1.2);
(-160.0,	13.0,	0.0,	1.2);	(-160.0,	11.0,	0.0,	1.2);
(-160.0,	9.0,	0.0,	1.2);	(-160.0,	-9.0,	0.0,	1.2);
(-160.0,	-11.0,	0.0,	1.2);	(-160.0,	-13.0,	0.0,	1.2);
(-160.0,	-15.0,	0.0,	1.2);	(-160.0,	-17.0,	0.0,	1.2);
(-160.0,	-20.0,	0.0,	1.2);	(-160.0,	-25.0,	0.0,	1.2);
(-160.0,	-30.0,	0.0,	1.2);	(-160.0,	-40.0,	0.0,	1.2);
(-160.0,	-50.0,	0.0,	1.2);	(-160.0,	-60.0,	0.0,	1.2);
(-160.0,	-70.0,	0.0,	1.2);	(-160.0,	-80.0,	0.0,	1.2);
(-160.0,	-90.0,	0.0,	1.2);	(-160.0,	-100.0,	0.0,	1.2);
(-150.0,	100.0,	0.0,	1.2);	(-150.0,	90.0,	0.0,	1.2);
(-150.0,	80.0,	0.0,	1.2);	(-150.0,	70.0,	0.0,	1.2);
(-150.0,	60.0,	0.0,	1.2);	(-150.0,	50.0,	0.0,	1.2);
(-150.0,	40.0,	0.0,	1.2);	(-150.0,	30.0,	0.0,	1.2);
(-150.0,	25.0,	0.0,	1.2);	(-150.0,	20.0,	0.0,	1.2);
(-150.0,	17.0,	0.0,	1.2);	(-150.0,	15.0,	0.0,	1.2);
(-150.0,	13.0,	0.0,	1.2);	(-150.0,	11.0,	0.0,	1.2);
(-150.0,	9.0,	0.0,	1.2);	(-150.0,	-9.0,	0.0,	1.2);

06NCRA_NAPA94-300_DPM_TRAV_ANN E-W Bound

(-150.0,	-11.0,	0.0,	1.2);	(-150.0,	-13.0,	0.0,	1.2);
(-150.0,	-15.0,	0.0,	1.2);	(-150.0,	-17.0,	0.0,	1.2);
(-150.0,	-20.0,	0.0,	1.2);	(-150.0,	-25.0,	0.0,	1.2);
(-150.0,	-30.0,	0.0,	1.2);	(-150.0,	-40.0,	0.0,	1.2);
(-150.0,	-50.0,	0.0,	1.2);	(-150.0,	-60.0,	0.0,	1.2);
(-150.0,	-70.0,	0.0,	1.2);	(-150.0,	-80.0,	0.0,	1.2);
(-150.0,	-90.0,	0.0,	1.2);	(-150.0,	-100.0,	0.0,	1.2);
(-140.0,	100.0,	0.0,	1.2);	(-140.0,	90.0,	0.0,	1.2);
(-140.0,	80.0,	0.0,	1.2);	(-140.0,	70.0,	0.0,	1.2);
(-140.0,	60.0,	0.0,	1.2);	(-140.0,	50.0,	0.0,	1.2);
(-140.0,	40.0,	0.0,	1.2);	(-140.0,	30.0,	0.0,	1.2);
(-140.0,	25.0,	0.0,	1.2);	(-140.0,	20.0,	0.0,	1.2);
(-140.0,	17.0,	0.0,	1.2);	(-140.0,	15.0,	0.0,	1.2);
(-140.0,	13.0,	0.0,	1.2);	(-140.0,	11.0,	0.0,	1.2);
(-140.0,	9.0,	0.0,	1.2);	(-140.0,	-9.0,	0.0,	1.2);
(-140.0,	-11.0,	0.0,	1.2);	(-140.0,	-13.0,	0.0,	1.2);
(-140.0,	-15.0,	0.0,	1.2);	(-140.0,	-17.0,	0.0,	1.2);
(-140.0,	-20.0,	0.0,	1.2);	(-140.0,	-25.0,	0.0,	1.2);
(-140.0,	-30.0,	0.0,	1.2);	(-140.0,	-40.0,	0.0,	1.2);
(-140.0,	-50.0,	0.0,	1.2);	(-140.0,	-60.0,	0.0,	1.2);
(-140.0,	-70.0,	0.0,	1.2);	(-140.0,	-80.0,	0.0,	1.2);
(-140.0,	-90.0,	0.0,	1.2);	(-140.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 8

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-130.0,	100.0,	0.0,	1.2);	(-130.0,	90.0,	0.0,	1.2);
(-130.0,	80.0,	0.0,	1.2);	(-130.0,	70.0,	0.0,	1.2);
(-130.0,	60.0,	0.0,	1.2);	(-130.0,	50.0,	0.0,	1.2);
(-130.0,	40.0,	0.0,	1.2);	(-130.0,	30.0,	0.0,	1.2);
(-130.0,	25.0,	0.0,	1.2);	(-130.0,	20.0,	0.0,	1.2);
(-130.0,	17.0,	0.0,	1.2);	(-130.0,	15.0,	0.0,	1.2);
(-130.0,	13.0,	0.0,	1.2);	(-130.0,	11.0,	0.0,	1.2);
(-130.0,	9.0,	0.0,	1.2);	(-130.0,	-9.0,	0.0,	1.2);
(-130.0,	-11.0,	0.0,	1.2);	(-130.0,	-13.0,	0.0,	1.2);
(-130.0,	-15.0,	0.0,	1.2);	(-130.0,	-17.0,	0.0,	1.2);
(-130.0,	-20.0,	0.0,	1.2);	(-130.0,	-25.0,	0.0,	1.2);
(-130.0,	-30.0,	0.0,	1.2);	(-130.0,	-40.0,	0.0,	1.2);
(-130.0,	-50.0,	0.0,	1.2);	(-130.0,	-60.0,	0.0,	1.2);
(-130.0,	-70.0,	0.0,	1.2);	(-130.0,	-80.0,	0.0,	1.2);
(-130.0,	-90.0,	0.0,	1.2);	(-130.0,	-100.0,	0.0,	1.2);

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

(-120.0,	100.0,	0.0,	1.2);	(-120.0,	90.0,	0.0,	1.2);
(-120.0,	80.0,	0.0,	1.2);	(-120.0,	70.0,	0.0,	1.2);
(-120.0,	60.0,	0.0,	1.2);	(-120.0,	50.0,	0.0,	1.2);
(-120.0,	40.0,	0.0,	1.2);	(-120.0,	30.0,	0.0,	1.2);
(-120.0,	25.0,	0.0,	1.2);	(-120.0,	20.0,	0.0,	1.2);
(-120.0,	17.0,	0.0,	1.2);	(-120.0,	15.0,	0.0,	1.2);
(-120.0,	13.0,	0.0,	1.2);	(-120.0,	11.0,	0.0,	1.2);
(-120.0,	9.0,	0.0,	1.2);	(-120.0,	-9.0,	0.0,	1.2);
(-120.0,	-11.0,	0.0,	1.2);	(-120.0,	-13.0,	0.0,	1.2);
(-120.0,	-15.0,	0.0,	1.2);	(-120.0,	-17.0,	0.0,	1.2);
(-120.0,	-20.0,	0.0,	1.2);	(-120.0,	-25.0,	0.0,	1.2);
(-120.0,	-30.0,	0.0,	1.2);	(-120.0,	-40.0,	0.0,	1.2);
(-120.0,	-50.0,	0.0,	1.2);	(-120.0,	-60.0,	0.0,	1.2);
(-120.0,	-70.0,	0.0,	1.2);	(-120.0,	-80.0,	0.0,	1.2);
(-120.0,	-90.0,	0.0,	1.2);	(-120.0,	-100.0,	0.0,	1.2);
(-110.0,	100.0,	0.0,	1.2);	(-110.0,	90.0,	0.0,	1.2);
(-110.0,	80.0,	0.0,	1.2);	(-110.0,	70.0,	0.0,	1.2);
(-110.0,	60.0,	0.0,	1.2);	(-110.0,	50.0,	0.0,	1.2);
(-110.0,	40.0,	0.0,	1.2);	(-110.0,	30.0,	0.0,	1.2);
(-110.0,	25.0,	0.0,	1.2);	(-110.0,	20.0,	0.0,	1.2);
(-110.0,	17.0,	0.0,	1.2);	(-110.0,	15.0,	0.0,	1.2);
(-110.0,	13.0,	0.0,	1.2);	(-110.0,	11.0,	0.0,	1.2);
(-110.0,	9.0,	0.0,	1.2);	(-110.0,	-9.0,	0.0,	1.2);
(-110.0,	-11.0,	0.0,	1.2);	(-110.0,	-13.0,	0.0,	1.2);
(-110.0,	-15.0,	0.0,	1.2);	(-110.0,	-17.0,	0.0,	1.2);
(-110.0,	-20.0,	0.0,	1.2);	(-110.0,	-25.0,	0.0,	1.2);
(-110.0,	-30.0,	0.0,	1.2);	(-110.0,	-40.0,	0.0,	1.2);
(-110.0,	-50.0,	0.0,	1.2);	(-110.0,	-60.0,	0.0,	1.2);
(-110.0,	-70.0,	0.0,	1.2);	(-110.0,	-80.0,	0.0,	1.2);
(-110.0,	-90.0,	0.0,	1.2);	(-110.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 9

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	100.0,	0.0,	1.2);	(-100.0,	90.0,	0.0,	1.2);
(-100.0,	80.0,	0.0,	1.2);	(-100.0,	70.0,	0.0,	1.2);
(-100.0,	60.0,	0.0,	1.2);	(-100.0,	50.0,	0.0,	1.2);
(-100.0,	40.0,	0.0,	1.2);	(-100.0,	30.0,	0.0,	1.2);
(-100.0,	25.0,	0.0,	1.2);	(-100.0,	20.0,	0.0,	1.2);
(-100.0,	17.0,	0.0,	1.2);	(-100.0,	15.0,	0.0,	1.2);
(-100.0,	13.0,	0.0,	1.2);	(-100.0,	11.0,	0.0,	1.2);

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

(-100.0,	9.0,	0.0,	1.2);	(-100.0,	-9.0,	0.0,	1.2);
(-100.0,	-11.0,	0.0,	1.2);	(-100.0,	-13.0,	0.0,	1.2);
(-100.0,	-15.0,	0.0,	1.2);	(-100.0,	-17.0,	0.0,	1.2);
(-100.0,	-20.0,	0.0,	1.2);	(-100.0,	-25.0,	0.0,	1.2);
(-100.0,	-30.0,	0.0,	1.2);	(-100.0,	-40.0,	0.0,	1.2);
(-100.0,	-50.0,	0.0,	1.2);	(-100.0,	-60.0,	0.0,	1.2);
(-100.0,	-70.0,	0.0,	1.2);	(-100.0,	-80.0,	0.0,	1.2);
(-100.0,	-90.0,	0.0,	1.2);	(-100.0,	-100.0,	0.0,	1.2);
(-90.0,	100.0,	0.0,	1.2);	(-90.0,	90.0,	0.0,	1.2);
(-90.0,	80.0,	0.0,	1.2);	(-90.0,	70.0,	0.0,	1.2);
(-90.0,	60.0,	0.0,	1.2);	(-90.0,	50.0,	0.0,	1.2);
(-90.0,	40.0,	0.0,	1.2);	(-90.0,	30.0,	0.0,	1.2);
(-90.0,	25.0,	0.0,	1.2);	(-90.0,	20.0,	0.0,	1.2);
(-90.0,	17.0,	0.0,	1.2);	(-90.0,	15.0,	0.0,	1.2);
(-90.0,	13.0,	0.0,	1.2);	(-90.0,	11.0,	0.0,	1.2);
(-90.0,	9.0,	0.0,	1.2);	(-90.0,	-9.0,	0.0,	1.2);
(-90.0,	-11.0,	0.0,	1.2);	(-90.0,	-13.0,	0.0,	1.2);
(-90.0,	-15.0,	0.0,	1.2);	(-90.0,	-17.0,	0.0,	1.2);
(-90.0,	-20.0,	0.0,	1.2);	(-90.0,	-25.0,	0.0,	1.2);
(-90.0,	-30.0,	0.0,	1.2);	(-90.0,	-40.0,	0.0,	1.2);
(-90.0,	-50.0,	0.0,	1.2);	(-90.0,	-60.0,	0.0,	1.2);
(-90.0,	-70.0,	0.0,	1.2);	(-90.0,	-80.0,	0.0,	1.2);
(-90.0,	-90.0,	0.0,	1.2);	(-90.0,	-100.0,	0.0,	1.2);
(-80.0,	100.0,	0.0,	1.2);	(-80.0,	90.0,	0.0,	1.2);
(-80.0,	80.0,	0.0,	1.2);	(-80.0,	70.0,	0.0,	1.2);
(-80.0,	60.0,	0.0,	1.2);	(-80.0,	50.0,	0.0,	1.2);
(-80.0,	40.0,	0.0,	1.2);	(-80.0,	30.0,	0.0,	1.2);
(-80.0,	25.0,	0.0,	1.2);	(-80.0,	20.0,	0.0,	1.2);
(-80.0,	17.0,	0.0,	1.2);	(-80.0,	15.0,	0.0,	1.2);
(-80.0,	13.0,	0.0,	1.2);	(-80.0,	11.0,	0.0,	1.2);
(-80.0,	9.0,	0.0,	1.2);	(-80.0,	-9.0,	0.0,	1.2);
(-80.0,	-11.0,	0.0,	1.2);	(-80.0,	-13.0,	0.0,	1.2);
(-80.0,	-15.0,	0.0,	1.2);	(-80.0,	-17.0,	0.0,	1.2);
(-80.0,	-20.0,	0.0,	1.2);	(-80.0,	-25.0,	0.0,	1.2);
(-80.0,	-30.0,	0.0,	1.2);	(-80.0,	-40.0,	0.0,	1.2);
(-80.0,	-50.0,	0.0,	1.2);	(-80.0,	-60.0,	0.0,	1.2);
(-80.0,	-70.0,	0.0,	1.2);	(-80.0,	-80.0,	0.0,	1.2);
(-80.0,	-90.0,	0.0,	1.2);	(-80.0,	-100.0,	0.0,	1.2);

1 *** ISCT3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound
(METERS)

(-70.0, 100.0, 0.0, 1.2);	(-70.0, 90.0, 0.0, 1.2);
(-70.0, 80.0, 0.0, 1.2);	(-70.0, 70.0, 0.0, 1.2);
(-70.0, 60.0, 0.0, 1.2);	(-70.0, 50.0, 0.0, 1.2);
(-70.0, 40.0, 0.0, 1.2);	(-70.0, 30.0, 0.0, 1.2);
(-70.0, 25.0, 0.0, 1.2);	(-70.0, 20.0, 0.0, 1.2);
(-70.0, 17.0, 0.0, 1.2);	(-70.0, 15.0, 0.0, 1.2);
(-70.0, 13.0, 0.0, 1.2);	(-70.0, 11.0, 0.0, 1.2);
(-70.0, 9.0, 0.0, 1.2);	(-70.0, -9.0, 0.0, 1.2);
(-70.0, -11.0, 0.0, 1.2);	(-70.0, -13.0, 0.0, 1.2);
(-70.0, -15.0, 0.0, 1.2);	(-70.0, -17.0, 0.0, 1.2);
(-70.0, -20.0, 0.0, 1.2);	(-70.0, -25.0, 0.0, 1.2);
(-70.0, -30.0, 0.0, 1.2);	(-70.0, -40.0, 0.0, 1.2);
(-70.0, -50.0, 0.0, 1.2);	(-70.0, -60.0, 0.0, 1.2);
(-70.0, -70.0, 0.0, 1.2);	(-70.0, -80.0, 0.0, 1.2);
(-70.0, -90.0, 0.0, 1.2);	(-70.0, -100.0, 0.0, 1.2);
(-60.0, 100.0, 0.0, 1.2);	(-60.0, 90.0, 0.0, 1.2);
(-60.0, 80.0, 0.0, 1.2);	(-60.0, 70.0, 0.0, 1.2);
(-60.0, 60.0, 0.0, 1.2);	(-60.0, 50.0, 0.0, 1.2);
(-60.0, 40.0, 0.0, 1.2);	(-60.0, 30.0, 0.0, 1.2);
(-60.0, 25.0, 0.0, 1.2);	(-60.0, 20.0, 0.0, 1.2);
(-60.0, 17.0, 0.0, 1.2);	(-60.0, 15.0, 0.0, 1.2);
(-60.0, 13.0, 0.0, 1.2);	(-60.0, 11.0, 0.0, 1.2);
(-60.0, 9.0, 0.0, 1.2);	(-60.0, -9.0, 0.0, 1.2);
(-60.0, -11.0, 0.0, 1.2);	(-60.0, -13.0, 0.0, 1.2);
(-60.0, -15.0, 0.0, 1.2);	(-60.0, -17.0, 0.0, 1.2);
(-60.0, -20.0, 0.0, 1.2);	(-60.0, -25.0, 0.0, 1.2);
(-60.0, -30.0, 0.0, 1.2);	(-60.0, -40.0, 0.0, 1.2);
(-60.0, -50.0, 0.0, 1.2);	(-60.0, -60.0, 0.0, 1.2);
(-60.0, -70.0, 0.0, 1.2);	(-60.0, -80.0, 0.0, 1.2);
(-60.0, -90.0, 0.0, 1.2);	(-60.0, -100.0, 0.0, 1.2);
(-50.0, 100.0, 0.0, 1.2);	(-50.0, 90.0, 0.0, 1.2);
(-50.0, 80.0, 0.0, 1.2);	(-50.0, 70.0, 0.0, 1.2);
(-50.0, 60.0, 0.0, 1.2);	(-50.0, 50.0, 0.0, 1.2);
(-50.0, 40.0, 0.0, 1.2);	(-50.0, 30.0, 0.0, 1.2);
(-50.0, 25.0, 0.0, 1.2);	(-50.0, 20.0, 0.0, 1.2);
(-50.0, 17.0, 0.0, 1.2);	(-50.0, 15.0, 0.0, 1.2);
(-50.0, 13.0, 0.0, 1.2);	(-50.0, 11.0, 0.0, 1.2);
(-50.0, 9.0, 0.0, 1.2);	(-50.0, -9.0, 0.0, 1.2);
(-50.0, -11.0, 0.0, 1.2);	(-50.0, -13.0, 0.0, 1.2);
(-50.0, -15.0, 0.0, 1.2);	(-50.0, -17.0, 0.0, 1.2);
(-50.0, -20.0, 0.0, 1.2);	(-50.0, -25.0, 0.0, 1.2);
(-50.0, -30.0, 0.0, 1.2);	(-50.0, -40.0, 0.0, 1.2);
(-50.0, -50.0, 0.0, 1.2);	(-50.0, -60.0, 0.0, 1.2);

06NCRA_NAPA94-300_DPM_TRAV_ANN E-W Bound

(-50.0, -70.0, 0.0, 1.2); (-50.0, -80.0, 0.0, 1.2);
 (-50.0, -90.0, 0.0, 1.2); (-50.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-40.0, 100.0, 0.0, 1.2);	(-40.0, 90.0, 0.0, 1.2);
(-40.0, 80.0, 0.0, 1.2);	(-40.0, 70.0, 0.0, 1.2);
(-40.0, 60.0, 0.0, 1.2);	(-40.0, 50.0, 0.0, 1.2);
(-40.0, 40.0, 0.0, 1.2);	(-40.0, 30.0, 0.0, 1.2);
(-40.0, 25.0, 0.0, 1.2);	(-40.0, 20.0, 0.0, 1.2);
(-40.0, 17.0, 0.0, 1.2);	(-40.0, 15.0, 0.0, 1.2);
(-40.0, 13.0, 0.0, 1.2);	(-40.0, 11.0, 0.0, 1.2);
(-40.0, 9.0, 0.0, 1.2);	(-40.0, -9.0, 0.0, 1.2);
(-40.0, -11.0, 0.0, 1.2);	(-40.0, -13.0, 0.0, 1.2);
(-40.0, -15.0, 0.0, 1.2);	(-40.0, -17.0, 0.0, 1.2);
(-40.0, -20.0, 0.0, 1.2);	(-40.0, -25.0, 0.0, 1.2);
(-40.0, -30.0, 0.0, 1.2);	(-40.0, -40.0, 0.0, 1.2);
(-40.0, -50.0, 0.0, 1.2);	(-40.0, -60.0, 0.0, 1.2);
(-40.0, -70.0, 0.0, 1.2);	(-40.0, -80.0, 0.0, 1.2);
(-40.0, -90.0, 0.0, 1.2);	(-40.0, -100.0, 0.0, 1.2);
(-30.0, 100.0, 0.0, 1.2);	(-30.0, 90.0, 0.0, 1.2);
(-30.0, 80.0, 0.0, 1.2);	(-30.0, 70.0, 0.0, 1.2);
(-30.0, 60.0, 0.0, 1.2);	(-30.0, 50.0, 0.0, 1.2);
(-30.0, 40.0, 0.0, 1.2);	(-30.0, 30.0, 0.0, 1.2);
(-30.0, 25.0, 0.0, 1.2);	(-30.0, 20.0, 0.0, 1.2);
(-30.0, 17.0, 0.0, 1.2);	(-30.0, 15.0, 0.0, 1.2);
(-30.0, 13.0, 0.0, 1.2);	(-30.0, 11.0, 0.0, 1.2);
(-30.0, 9.0, 0.0, 1.2);	(-30.0, -9.0, 0.0, 1.2);
(-30.0, -11.0, 0.0, 1.2);	(-30.0, -13.0, 0.0, 1.2);
(-30.0, -15.0, 0.0, 1.2);	(-30.0, -17.0, 0.0, 1.2);
(-30.0, -20.0, 0.0, 1.2);	(-30.0, -25.0, 0.0, 1.2);
(-30.0, -30.0, 0.0, 1.2);	(-30.0, -40.0, 0.0, 1.2);
(-30.0, -50.0, 0.0, 1.2);	(-30.0, -60.0, 0.0, 1.2);
(-30.0, -70.0, 0.0, 1.2);	(-30.0, -80.0, 0.0, 1.2);
(-30.0, -90.0, 0.0, 1.2);	(-30.0, -100.0, 0.0, 1.2);
(-20.0, 100.0, 0.0, 1.2);	(-20.0, 90.0, 0.0, 1.2);
(-20.0, 80.0, 0.0, 1.2);	(-20.0, 70.0, 0.0, 1.2);
(-20.0, 60.0, 0.0, 1.2);	(-20.0, 50.0, 0.0, 1.2);
(-20.0, 40.0, 0.0, 1.2);	(-20.0, 30.0, 0.0, 1.2);
(-20.0, 25.0, 0.0, 1.2);	(-20.0, 20.0, 0.0, 1.2);

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

(-20.0,	17.0,	0.0,	1.2);	(-20.0,	15.0,	0.0,	1.2);
(-20.0,	13.0,	0.0,	1.2);	(-20.0,	11.0,	0.0,	1.2);
(-20.0,	9.0,	0.0,	1.2);	(-20.0,	-9.0,	0.0,	1.2);
(-20.0,	-11.0,	0.0,	1.2);	(-20.0,	-13.0,	0.0,	1.2);
(-20.0,	-15.0,	0.0,	1.2);	(-20.0,	-17.0,	0.0,	1.2);
(-20.0,	-20.0,	0.0,	1.2);	(-20.0,	-25.0,	0.0,	1.2);
(-20.0,	-30.0,	0.0,	1.2);	(-20.0,	-40.0,	0.0,	1.2);
(-20.0,	-50.0,	0.0,	1.2);	(-20.0,	-60.0,	0.0,	1.2);
(-20.0,	-70.0,	0.0,	1.2);	(-20.0,	-80.0,	0.0,	1.2);
(-20.0,	-90.0,	0.0,	1.2);	(-20.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-10.0,	100.0,	0.0,	1.2);	(-10.0,	90.0,	0.0,	1.2);
(-10.0,	80.0,	0.0,	1.2);	(-10.0,	70.0,	0.0,	1.2);
(-10.0,	60.0,	0.0,	1.2);	(-10.0,	50.0,	0.0,	1.2);
(-10.0,	40.0,	0.0,	1.2);	(-10.0,	30.0,	0.0,	1.2);
(-10.0,	25.0,	0.0,	1.2);	(-10.0,	20.0,	0.0,	1.2);
(-10.0,	17.0,	0.0,	1.2);	(-10.0,	15.0,	0.0,	1.2);
(-10.0,	13.0,	0.0,	1.2);	(-10.0,	11.0,	0.0,	1.2);
(-10.0,	9.0,	0.0,	1.2);	(-10.0,	-9.0,	0.0,	1.2);
(-10.0,	-11.0,	0.0,	1.2);	(-10.0,	-13.0,	0.0,	1.2);
(-10.0,	-15.0,	0.0,	1.2);	(-10.0,	-17.0,	0.0,	1.2);
(-10.0,	-20.0,	0.0,	1.2);	(-10.0,	-25.0,	0.0,	1.2);
(-10.0,	-30.0,	0.0,	1.2);	(-10.0,	-40.0,	0.0,	1.2);
(-10.0,	-50.0,	0.0,	1.2);	(-10.0,	-60.0,	0.0,	1.2);
(-10.0,	-70.0,	0.0,	1.2);	(-10.0,	-80.0,	0.0,	1.2);
(-10.0,	-90.0,	0.0,	1.2);	(-10.0,	-100.0,	0.0,	1.2);
(0.0,	100.0,	0.0,	1.2);	(0.0,	90.0,	0.0,	1.2);
(0.0,	80.0,	0.0,	1.2);	(0.0,	70.0,	0.0,	1.2);
(0.0,	60.0,	0.0,	1.2);	(0.0,	50.0,	0.0,	1.2);
(0.0,	40.0,	0.0,	1.2);	(0.0,	30.0,	0.0,	1.2);
(0.0,	25.0,	0.0,	1.2);	(0.0,	20.0,	0.0,	1.2);
(0.0,	17.0,	0.0,	1.2);	(0.0,	15.0,	0.0,	1.2);
(0.0,	13.0,	0.0,	1.2);	(0.0,	11.0,	0.0,	1.2);
(0.0,	9.0,	0.0,	1.2);	(0.0,	-9.0,	0.0,	1.2);
(0.0,	-11.0,	0.0,	1.2);	(0.0,	-13.0,	0.0,	1.2);
(0.0,	-15.0,	0.0,	1.2);	(0.0,	-17.0,	0.0,	1.2);
(0.0,	-20.0,	0.0,	1.2);	(0.0,	-25.0,	0.0,	1.2);
(0.0,	-30.0,	0.0,	1.2);	(0.0,	-40.0,	0.0,	1.2);

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

(	0.0,	-50.0,	0.0,	1.2);	(	0.0,	-60.0,	0.0,	1.2);
(	0.0,	-70.0,	0.0,	1.2);	(	0.0,	-80.0,	0.0,	1.2);
(	0.0,	-90.0,	0.0,	1.2);	(	0.0,	-100.0,	0.0,	1.2);
(	10.0,	100.0,	0.0,	1.2);	(	10.0,	90.0,	0.0,	1.2);
(	10.0,	80.0,	0.0,	1.2);	(	10.0,	70.0,	0.0,	1.2);
(	10.0,	60.0,	0.0,	1.2);	(	10.0,	50.0,	0.0,	1.2);
(	10.0,	40.0,	0.0,	1.2);	(	10.0,	30.0,	0.0,	1.2);
(	10.0,	25.0,	0.0,	1.2);	(	10.0,	20.0,	0.0,	1.2);
(	10.0,	17.0,	0.0,	1.2);	(	10.0,	15.0,	0.0,	1.2);
(	10.0,	13.0,	0.0,	1.2);	(	10.0,	11.0,	0.0,	1.2);
(	10.0,	9.0,	0.0,	1.2);	(	10.0,	-9.0,	0.0,	1.2);
(	10.0,	-11.0,	0.0,	1.2);	(	10.0,	-13.0,	0.0,	1.2);
(	10.0,	-15.0,	0.0,	1.2);	(	10.0,	-17.0,	0.0,	1.2);
(	10.0,	-20.0,	0.0,	1.2);	(	10.0,	-25.0,	0.0,	1.2);
(	10.0,	-30.0,	0.0,	1.2);	(	10.0,	-40.0,	0.0,	1.2);
(	10.0,	-50.0,	0.0,	1.2);	(	10.0,	-60.0,	0.0,	1.2);
(	10.0,	-70.0,	0.0,	1.2);	(	10.0,	-80.0,	0.0,	1.2);
(	10.0,	-90.0,	0.0,	1.2);	(	10.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(	20.0,	100.0,	0.0,	1.2);	(	20.0,	90.0,	0.0,	1.2);
(	20.0,	80.0,	0.0,	1.2);	(	20.0,	70.0,	0.0,	1.2);
(	20.0,	60.0,	0.0,	1.2);	(	20.0,	50.0,	0.0,	1.2);
(	20.0,	40.0,	0.0,	1.2);	(	20.0,	30.0,	0.0,	1.2);
(	20.0,	25.0,	0.0,	1.2);	(	20.0,	20.0,	0.0,	1.2);
(	20.0,	17.0,	0.0,	1.2);	(	20.0,	15.0,	0.0,	1.2);
(	20.0,	13.0,	0.0,	1.2);	(	20.0,	11.0,	0.0,	1.2);
(	20.0,	9.0,	0.0,	1.2);	(	20.0,	-9.0,	0.0,	1.2);
(	20.0,	-11.0,	0.0,	1.2);	(	20.0,	-13.0,	0.0,	1.2);
(	20.0,	-15.0,	0.0,	1.2);	(	20.0,	-17.0,	0.0,	1.2);
(	20.0,	-20.0,	0.0,	1.2);	(	20.0,	-25.0,	0.0,	1.2);
(	20.0,	-30.0,	0.0,	1.2);	(	20.0,	-40.0,	0.0,	1.2);
(	20.0,	-50.0,	0.0,	1.2);	(	20.0,	-60.0,	0.0,	1.2);
(	20.0,	-70.0,	0.0,	1.2);	(	20.0,	-80.0,	0.0,	1.2);
(	20.0,	-90.0,	0.0,	1.2);	(	20.0,	-100.0,	0.0,	1.2);
(	30.0,	100.0,	0.0,	1.2);	(	30.0,	90.0,	0.0,	1.2);
(	30.0,	80.0,	0.0,	1.2);	(	30.0,	70.0,	0.0,	1.2);
(	30.0,	60.0,	0.0,	1.2);	(	30.0,	50.0,	0.0,	1.2);
(	30.0,	40.0,	0.0,	1.2);	(	30.0,	30.0,	0.0,	1.2);

06NCRA_NAPA94-300_DPM_TRAV_ANN E-W Bound

(30.0, 25.0, 0.0, 1.2);	(30.0, 20.0, 0.0, 1.2);
(30.0, 17.0, 0.0, 1.2);	(30.0, 15.0, 0.0, 1.2);
(30.0, 13.0, 0.0, 1.2);	(30.0, 11.0, 0.0, 1.2);
(30.0, 9.0, 0.0, 1.2);	(30.0, -9.0, 0.0, 1.2);
(30.0, -11.0, 0.0, 1.2);	(30.0, -13.0, 0.0, 1.2);
(30.0, -15.0, 0.0, 1.2);	(30.0, -17.0, 0.0, 1.2);
(30.0, -20.0, 0.0, 1.2);	(30.0, -25.0, 0.0, 1.2);
(30.0, -30.0, 0.0, 1.2);	(30.0, -40.0, 0.0, 1.2);
(30.0, -50.0, 0.0, 1.2);	(30.0, -60.0, 0.0, 1.2);
(30.0, -70.0, 0.0, 1.2);	(30.0, -80.0, 0.0, 1.2);
(30.0, -90.0, 0.0, 1.2);	(30.0, -100.0, 0.0, 1.2);
(40.0, 100.0, 0.0, 1.2);	(40.0, 90.0, 0.0, 1.2);
(40.0, 80.0, 0.0, 1.2);	(40.0, 70.0, 0.0, 1.2);
(40.0, 60.0, 0.0, 1.2);	(40.0, 50.0, 0.0, 1.2);
(40.0, 40.0, 0.0, 1.2);	(40.0, 30.0, 0.0, 1.2);
(40.0, 25.0, 0.0, 1.2);	(40.0, 20.0, 0.0, 1.2);
(40.0, 17.0, 0.0, 1.2);	(40.0, 15.0, 0.0, 1.2);
(40.0, 13.0, 0.0, 1.2);	(40.0, 11.0, 0.0, 1.2);
(40.0, 9.0, 0.0, 1.2);	(40.0, -9.0, 0.0, 1.2);
(40.0, -11.0, 0.0, 1.2);	(40.0, -13.0, 0.0, 1.2);
(40.0, -15.0, 0.0, 1.2);	(40.0, -17.0, 0.0, 1.2);
(40.0, -20.0, 0.0, 1.2);	(40.0, -25.0, 0.0, 1.2);
(40.0, -30.0, 0.0, 1.2);	(40.0, -40.0, 0.0, 1.2);
(40.0, -50.0, 0.0, 1.2);	(40.0, -60.0, 0.0, 1.2);
(40.0, -70.0, 0.0, 1.2);	(40.0, -80.0, 0.0, 1.2);
(40.0, -90.0, 0.0, 1.2);	(40.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(50.0, 100.0, 0.0, 1.2);	(50.0, 90.0, 0.0, 1.2);
(50.0, 80.0, 0.0, 1.2);	(50.0, 70.0, 0.0, 1.2);
(50.0, 60.0, 0.0, 1.2);	(50.0, 50.0, 0.0, 1.2);
(50.0, 40.0, 0.0, 1.2);	(50.0, 30.0, 0.0, 1.2);
(50.0, 25.0, 0.0, 1.2);	(50.0, 20.0, 0.0, 1.2);
(50.0, 17.0, 0.0, 1.2);	(50.0, 15.0, 0.0, 1.2);
(50.0, 13.0, 0.0, 1.2);	(50.0, 11.0, 0.0, 1.2);
(50.0, 9.0, 0.0, 1.2);	(50.0, -9.0, 0.0, 1.2);
(50.0, -11.0, 0.0, 1.2);	(50.0, -13.0, 0.0, 1.2);
(50.0, -15.0, 0.0, 1.2);	(50.0, -17.0, 0.0, 1.2);
(50.0, -20.0, 0.0, 1.2);	(50.0, -25.0, 0.0, 1.2);

06NCRA_NAPA94-300_DPM_TRAV_ANN E-W Bound

(50.0, -30.0, 0.0, 1.2);	(50.0, -40.0, 0.0, 1.2);
(50.0, -50.0, 0.0, 1.2);	(50.0, -60.0, 0.0, 1.2);
(50.0, -70.0, 0.0, 1.2);	(50.0, -80.0, 0.0, 1.2);
(50.0, -90.0, 0.0, 1.2);	(50.0, -100.0, 0.0, 1.2);
(60.0, 100.0, 0.0, 1.2);	(60.0, 90.0, 0.0, 1.2);
(60.0, 80.0, 0.0, 1.2);	(60.0, 70.0, 0.0, 1.2);
(60.0, 60.0, 0.0, 1.2);	(60.0, 50.0, 0.0, 1.2);
(60.0, 40.0, 0.0, 1.2);	(60.0, 30.0, 0.0, 1.2);
(60.0, 25.0, 0.0, 1.2);	(60.0, 20.0, 0.0, 1.2);
(60.0, 17.0, 0.0, 1.2);	(60.0, 15.0, 0.0, 1.2);
(60.0, 13.0, 0.0, 1.2);	(60.0, 11.0, 0.0, 1.2);
(60.0, 9.0, 0.0, 1.2);	(60.0, -9.0, 0.0, 1.2);
(60.0, -11.0, 0.0, 1.2);	(60.0, -13.0, 0.0, 1.2);
(60.0, -15.0, 0.0, 1.2);	(60.0, -17.0, 0.0, 1.2);
(60.0, -20.0, 0.0, 1.2);	(60.0, -25.0, 0.0, 1.2);
(60.0, -30.0, 0.0, 1.2);	(60.0, -40.0, 0.0, 1.2);
(60.0, -50.0, 0.0, 1.2);	(60.0, -60.0, 0.0, 1.2);
(60.0, -70.0, 0.0, 1.2);	(60.0, -80.0, 0.0, 1.2);
(60.0, -90.0, 0.0, 1.2);	(60.0, -100.0, 0.0, 1.2);
(70.0, 100.0, 0.0, 1.2);	(70.0, 90.0, 0.0, 1.2);
(70.0, 80.0, 0.0, 1.2);	(70.0, 70.0, 0.0, 1.2);
(70.0, 60.0, 0.0, 1.2);	(70.0, 50.0, 0.0, 1.2);
(70.0, 40.0, 0.0, 1.2);	(70.0, 30.0, 0.0, 1.2);
(70.0, 25.0, 0.0, 1.2);	(70.0, 20.0, 0.0, 1.2);
(70.0, 17.0, 0.0, 1.2);	(70.0, 15.0, 0.0, 1.2);
(70.0, 13.0, 0.0, 1.2);	(70.0, 11.0, 0.0, 1.2);
(70.0, 9.0, 0.0, 1.2);	(70.0, -9.0, 0.0, 1.2);
(70.0, -11.0, 0.0, 1.2);	(70.0, -13.0, 0.0, 1.2);
(70.0, -15.0, 0.0, 1.2);	(70.0, -17.0, 0.0, 1.2);
(70.0, -20.0, 0.0, 1.2);	(70.0, -25.0, 0.0, 1.2);
(70.0, -30.0, 0.0, 1.2);	(70.0, -40.0, 0.0, 1.2);
(70.0, -50.0, 0.0, 1.2);	(70.0, -60.0, 0.0, 1.2);
(70.0, -70.0, 0.0, 1.2);	(70.0, -80.0, 0.0, 1.2);
(70.0, -90.0, 0.0, 1.2);	(70.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(80.0, 100.0, 0.0, 1.2);	(80.0, 90.0, 0.0, 1.2);
(80.0, 80.0, 0.0, 1.2);	(80.0, 70.0, 0.0, 1.2);
(80.0, 60.0, 0.0, 1.2);	(80.0, 50.0, 0.0, 1.2);

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

(80.0, 40.0, 0.0, 1.2);	(80.0, 30.0, 0.0, 1.2);
(80.0, 25.0, 0.0, 1.2);	(80.0, 20.0, 0.0, 1.2);
(80.0, 17.0, 0.0, 1.2);	(80.0, 15.0, 0.0, 1.2);
(80.0, 13.0, 0.0, 1.2);	(80.0, 11.0, 0.0, 1.2);
(80.0, 9.0, 0.0, 1.2);	(80.0, -9.0, 0.0, 1.2);
(80.0, -11.0, 0.0, 1.2);	(80.0, -13.0, 0.0, 1.2);
(80.0, -15.0, 0.0, 1.2);	(80.0, -17.0, 0.0, 1.2);
(80.0, -20.0, 0.0, 1.2);	(80.0, -25.0, 0.0, 1.2);
(80.0, -30.0, 0.0, 1.2);	(80.0, -40.0, 0.0, 1.2);
(80.0, -50.0, 0.0, 1.2);	(80.0, -60.0, 0.0, 1.2);
(80.0, -70.0, 0.0, 1.2);	(80.0, -80.0, 0.0, 1.2);
(80.0, -90.0, 0.0, 1.2);	(80.0, -100.0, 0.0, 1.2);
(90.0, 100.0, 0.0, 1.2);	(90.0, 90.0, 0.0, 1.2);
(90.0, 80.0, 0.0, 1.2);	(90.0, 70.0, 0.0, 1.2);
(90.0, 60.0, 0.0, 1.2);	(90.0, 50.0, 0.0, 1.2);
(90.0, 40.0, 0.0, 1.2);	(90.0, 30.0, 0.0, 1.2);
(90.0, 25.0, 0.0, 1.2);	(90.0, 20.0, 0.0, 1.2);
(90.0, 17.0, 0.0, 1.2);	(90.0, 15.0, 0.0, 1.2);
(90.0, 13.0, 0.0, 1.2);	(90.0, 11.0, 0.0, 1.2);
(90.0, 9.0, 0.0, 1.2);	(90.0, -9.0, 0.0, 1.2);
(90.0, -11.0, 0.0, 1.2);	(90.0, -13.0, 0.0, 1.2);
(90.0, -15.0, 0.0, 1.2);	(90.0, -17.0, 0.0, 1.2);
(90.0, -20.0, 0.0, 1.2);	(90.0, -25.0, 0.0, 1.2);
(90.0, -30.0, 0.0, 1.2);	(90.0, -40.0, 0.0, 1.2);
(90.0, -50.0, 0.0, 1.2);	(90.0, -60.0, 0.0, 1.2);
(90.0, -70.0, 0.0, 1.2);	(90.0, -80.0, 0.0, 1.2);
(90.0, -90.0, 0.0, 1.2);	(90.0, -100.0, 0.0, 1.2);
(100.0, 100.0, 0.0, 1.2);	(100.0, 90.0, 0.0, 1.2);
(100.0, 80.0, 0.0, 1.2);	(100.0, 70.0, 0.0, 1.2);
(100.0, 60.0, 0.0, 1.2);	(100.0, 50.0, 0.0, 1.2);
(100.0, 40.0, 0.0, 1.2);	(100.0, 30.0, 0.0, 1.2);
(100.0, 25.0, 0.0, 1.2);	(100.0, 20.0, 0.0, 1.2);
(100.0, 17.0, 0.0, 1.2);	(100.0, 15.0, 0.0, 1.2);
(100.0, 13.0, 0.0, 1.2);	(100.0, 11.0, 0.0, 1.2);
(100.0, 9.0, 0.0, 1.2);	(100.0, -9.0, 0.0, 1.2);
(100.0, -11.0, 0.0, 1.2);	(100.0, -13.0, 0.0, 1.2);
(100.0, -15.0, 0.0, 1.2);	(100.0, -17.0, 0.0, 1.2);
(100.0, -20.0, 0.0, 1.2);	(100.0, -25.0, 0.0, 1.2);
(100.0, -30.0, 0.0, 1.2);	(100.0, -40.0, 0.0, 1.2);
(100.0, -50.0, 0.0, 1.2);	(100.0, -60.0, 0.0, 1.2);
(100.0, -70.0, 0.0, 1.2);	(100.0, -80.0, 0.0, 1.2);
(100.0, -90.0, 0.0, 1.2);	(100.0, -100.0, 0.0, 1.2);

**MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(110.0, 100.0, 0.0, 1.2);	(110.0, 90.0, 0.0, 1.2);
(110.0, 80.0, 0.0, 1.2);	(110.0, 70.0, 0.0, 1.2);
(110.0, 60.0, 0.0, 1.2);	(110.0, 50.0, 0.0, 1.2);
(110.0, 40.0, 0.0, 1.2);	(110.0, 30.0, 0.0, 1.2);
(110.0, 25.0, 0.0, 1.2);	(110.0, 20.0, 0.0, 1.2);
(110.0, 17.0, 0.0, 1.2);	(110.0, 15.0, 0.0, 1.2);
(110.0, 13.0, 0.0, 1.2);	(110.0, 11.0, 0.0, 1.2);
(110.0, 9.0, 0.0, 1.2);	(110.0, -9.0, 0.0, 1.2);
(110.0, -11.0, 0.0, 1.2);	(110.0, -13.0, 0.0, 1.2);
(110.0, -15.0, 0.0, 1.2);	(110.0, -17.0, 0.0, 1.2);
(110.0, -20.0, 0.0, 1.2);	(110.0, -25.0, 0.0, 1.2);
(110.0, -30.0, 0.0, 1.2);	(110.0, -40.0, 0.0, 1.2);
(110.0, -50.0, 0.0, 1.2);	(110.0, -60.0, 0.0, 1.2);
(110.0, -70.0, 0.0, 1.2);	(110.0, -80.0, 0.0, 1.2);
(110.0, -90.0, 0.0, 1.2);	(110.0, -100.0, 0.0, 1.2);
(120.0, 100.0, 0.0, 1.2);	(120.0, 90.0, 0.0, 1.2);
(120.0, 80.0, 0.0, 1.2);	(120.0, 70.0, 0.0, 1.2);
(120.0, 60.0, 0.0, 1.2);	(120.0, 50.0, 0.0, 1.2);
(120.0, 40.0, 0.0, 1.2);	(120.0, 30.0, 0.0, 1.2);
(120.0, 25.0, 0.0, 1.2);	(120.0, 20.0, 0.0, 1.2);
(120.0, 17.0, 0.0, 1.2);	(120.0, 15.0, 0.0, 1.2);
(120.0, 13.0, 0.0, 1.2);	(120.0, 11.0, 0.0, 1.2);
(120.0, 9.0, 0.0, 1.2);	(120.0, -9.0, 0.0, 1.2);
(120.0, -11.0, 0.0, 1.2);	(120.0, -13.0, 0.0, 1.2);
(120.0, -15.0, 0.0, 1.2);	(120.0, -17.0, 0.0, 1.2);
(120.0, -20.0, 0.0, 1.2);	(120.0, -25.0, 0.0, 1.2);
(120.0, -30.0, 0.0, 1.2);	(120.0, -40.0, 0.0, 1.2);
(120.0, -50.0, 0.0, 1.2);	(120.0, -60.0, 0.0, 1.2);
(120.0, -70.0, 0.0, 1.2);	(120.0, -80.0, 0.0, 1.2);
(120.0, -90.0, 0.0, 1.2);	(120.0, -100.0, 0.0, 1.2);
(130.0, 100.0, 0.0, 1.2);	(130.0, 90.0, 0.0, 1.2);
(130.0, 80.0, 0.0, 1.2);	(130.0, 70.0, 0.0, 1.2);
(130.0, 60.0, 0.0, 1.2);	(130.0, 50.0, 0.0, 1.2);
(130.0, 40.0, 0.0, 1.2);	(130.0, 30.0, 0.0, 1.2);
(130.0, 25.0, 0.0, 1.2);	(130.0, 20.0, 0.0, 1.2);
(130.0, 17.0, 0.0, 1.2);	(130.0, 15.0, 0.0, 1.2);
(130.0, 13.0, 0.0, 1.2);	(130.0, 11.0, 0.0, 1.2);
(130.0, 9.0, 0.0, 1.2);	(130.0, -9.0, 0.0, 1.2);
(130.0, -11.0, 0.0, 1.2);	(130.0, -13.0, 0.0, 1.2);

06NCRA_NAPA94-300_DPM_TRAV_ANN E-W Bound

(130.0,	-15.0,	0.0,	1.2);	(130.0,	-17.0,	0.0,	1.2);
(130.0,	-20.0,	0.0,	1.2);	(130.0,	-25.0,	0.0,	1.2);
(130.0,	-30.0,	0.0,	1.2);	(130.0,	-40.0,	0.0,	1.2);
(130.0,	-50.0,	0.0,	1.2);	(130.0,	-60.0,	0.0,	1.2);
(130.0,	-70.0,	0.0,	1.2);	(130.0,	-80.0,	0.0,	1.2);
(130.0,	-90.0,	0.0,	1.2);	(130.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(140.0,	100.0,	0.0,	1.2);	(140.0,	90.0,	0.0,	1.2);
(140.0,	80.0,	0.0,	1.2);	(140.0,	70.0,	0.0,	1.2);
(140.0,	60.0,	0.0,	1.2);	(140.0,	50.0,	0.0,	1.2);
(140.0,	40.0,	0.0,	1.2);	(140.0,	30.0,	0.0,	1.2);
(140.0,	25.0,	0.0,	1.2);	(140.0,	20.0,	0.0,	1.2);
(140.0,	17.0,	0.0,	1.2);	(140.0,	15.0,	0.0,	1.2);
(140.0,	13.0,	0.0,	1.2);	(140.0,	11.0,	0.0,	1.2);
(140.0,	9.0,	0.0,	1.2);	(140.0,	-9.0,	0.0,	1.2);
(140.0,	-11.0,	0.0,	1.2);	(140.0,	-13.0,	0.0,	1.2);
(140.0,	-15.0,	0.0,	1.2);	(140.0,	-17.0,	0.0,	1.2);
(140.0,	-20.0,	0.0,	1.2);	(140.0,	-25.0,	0.0,	1.2);
(140.0,	-30.0,	0.0,	1.2);	(140.0,	-40.0,	0.0,	1.2);
(140.0,	-50.0,	0.0,	1.2);	(140.0,	-60.0,	0.0,	1.2);
(140.0,	-70.0,	0.0,	1.2);	(140.0,	-80.0,	0.0,	1.2);
(140.0,	-90.0,	0.0,	1.2);	(140.0,	-100.0,	0.0,	1.2);
(150.0,	100.0,	0.0,	1.2);	(150.0,	90.0,	0.0,	1.2);
(150.0,	80.0,	0.0,	1.2);	(150.0,	70.0,	0.0,	1.2);
(150.0,	60.0,	0.0,	1.2);	(150.0,	50.0,	0.0,	1.2);
(150.0,	40.0,	0.0,	1.2);	(150.0,	30.0,	0.0,	1.2);
(150.0,	25.0,	0.0,	1.2);	(150.0,	20.0,	0.0,	1.2);
(150.0,	17.0,	0.0,	1.2);	(150.0,	15.0,	0.0,	1.2);
(150.0,	13.0,	0.0,	1.2);	(150.0,	11.0,	0.0,	1.2);
(150.0,	9.0,	0.0,	1.2);	(150.0,	-9.0,	0.0,	1.2);
(150.0,	-11.0,	0.0,	1.2);	(150.0,	-13.0,	0.0,	1.2);
(150.0,	-15.0,	0.0,	1.2);	(150.0,	-17.0,	0.0,	1.2);
(150.0,	-20.0,	0.0,	1.2);	(150.0,	-25.0,	0.0,	1.2);
(150.0,	-30.0,	0.0,	1.2);	(150.0,	-40.0,	0.0,	1.2);
(150.0,	-50.0,	0.0,	1.2);	(150.0,	-60.0,	0.0,	1.2);
(150.0,	-70.0,	0.0,	1.2);	(150.0,	-80.0,	0.0,	1.2);
(150.0,	-90.0,	0.0,	1.2);	(150.0,	-100.0,	0.0,	1.2);
(160.0,	100.0,	0.0,	1.2);	(160.0,	90.0,	0.0,	1.2);

06NCRA_NAPA94-300_DPM_TRAV_ANN E-W Bound

(160.0,	80.0,	0.0,	1.2);	(160.0,	70.0,	0.0,	1.2);
(160.0,	60.0,	0.0,	1.2);	(160.0,	50.0,	0.0,	1.2);
(160.0,	40.0,	0.0,	1.2);	(160.0,	30.0,	0.0,	1.2);
(160.0,	25.0,	0.0,	1.2);	(160.0,	20.0,	0.0,	1.2);
(160.0,	17.0,	0.0,	1.2);	(160.0,	15.0,	0.0,	1.2);
(160.0,	13.0,	0.0,	1.2);	(160.0,	11.0,	0.0,	1.2);
(160.0,	9.0,	0.0,	1.2);	(160.0,	-9.0,	0.0,	1.2);
(160.0,	-11.0,	0.0,	1.2);	(160.0,	-13.0,	0.0,	1.2);
(160.0,	-15.0,	0.0,	1.2);	(160.0,	-17.0,	0.0,	1.2);
(160.0,	-20.0,	0.0,	1.2);	(160.0,	-25.0,	0.0,	1.2);
(160.0,	-30.0,	0.0,	1.2);	(160.0,	-40.0,	0.0,	1.2);
(160.0,	-50.0,	0.0,	1.2);	(160.0,	-60.0,	0.0,	1.2);
(160.0,	-70.0,	0.0,	1.2);	(160.0,	-80.0,	0.0,	1.2);
(160.0,	-90.0,	0.0,	1.2);	(160.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 18
 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(170.0,	100.0,	0.0,	1.2);	(170.0,	90.0,	0.0,	1.2);
(170.0,	80.0,	0.0,	1.2);	(170.0,	70.0,	0.0,	1.2);
(170.0,	60.0,	0.0,	1.2);	(170.0,	50.0,	0.0,	1.2);
(170.0,	40.0,	0.0,	1.2);	(170.0,	30.0,	0.0,	1.2);
(170.0,	25.0,	0.0,	1.2);	(170.0,	20.0,	0.0,	1.2);
(170.0,	17.0,	0.0,	1.2);	(170.0,	15.0,	0.0,	1.2);
(170.0,	13.0,	0.0,	1.2);	(170.0,	11.0,	0.0,	1.2);
(170.0,	9.0,	0.0,	1.2);	(170.0,	-9.0,	0.0,	1.2);
(170.0,	-11.0,	0.0,	1.2);	(170.0,	-13.0,	0.0,	1.2);
(170.0,	-15.0,	0.0,	1.2);	(170.0,	-17.0,	0.0,	1.2);
(170.0,	-20.0,	0.0,	1.2);	(170.0,	-25.0,	0.0,	1.2);
(170.0,	-30.0,	0.0,	1.2);	(170.0,	-40.0,	0.0,	1.2);
(170.0,	-50.0,	0.0,	1.2);	(170.0,	-60.0,	0.0,	1.2);
(170.0,	-70.0,	0.0,	1.2);	(170.0,	-80.0,	0.0,	1.2);
(170.0,	-90.0,	0.0,	1.2);	(170.0,	-100.0,	0.0,	1.2);
(180.0,	100.0,	0.0,	1.2);	(180.0,	90.0,	0.0,	1.2);
(180.0,	80.0,	0.0,	1.2);	(180.0,	70.0,	0.0,	1.2);
(180.0,	60.0,	0.0,	1.2);	(180.0,	50.0,	0.0,	1.2);
(180.0,	40.0,	0.0,	1.2);	(180.0,	30.0,	0.0,	1.2);
(180.0,	25.0,	0.0,	1.2);	(180.0,	20.0,	0.0,	1.2);
(180.0,	17.0,	0.0,	1.2);	(180.0,	15.0,	0.0,	1.2);
(180.0,	13.0,	0.0,	1.2);	(180.0,	11.0,	0.0,	1.2);
(180.0,	9.0,	0.0,	1.2);	(180.0,	-9.0,	0.0,	1.2);

06NCRA_NAPA94-300_DPM_TRAV_ANN E-W Bound

(180.0,	-11.0,	0.0,	1.2);	(180.0,	-13.0,	0.0,	1.2);
(180.0,	-15.0,	0.0,	1.2);	(180.0,	-17.0,	0.0,	1.2);
(180.0,	-20.0,	0.0,	1.2);	(180.0,	-25.0,	0.0,	1.2);
(180.0,	-30.0,	0.0,	1.2);	(180.0,	-40.0,	0.0,	1.2);
(180.0,	-50.0,	0.0,	1.2);	(180.0,	-60.0,	0.0,	1.2);
(180.0,	-70.0,	0.0,	1.2);	(180.0,	-80.0,	0.0,	1.2);
(180.0,	-90.0,	0.0,	1.2);	(180.0,	-100.0,	0.0,	1.2);
(190.0,	100.0,	0.0,	1.2);	(190.0,	90.0,	0.0,	1.2);
(190.0,	80.0,	0.0,	1.2);	(190.0,	70.0,	0.0,	1.2);
(190.0,	60.0,	0.0,	1.2);	(190.0,	50.0,	0.0,	1.2);
(190.0,	40.0,	0.0,	1.2);	(190.0,	30.0,	0.0,	1.2);
(190.0,	25.0,	0.0,	1.2);	(190.0,	20.0,	0.0,	1.2);
(190.0,	17.0,	0.0,	1.2);	(190.0,	15.0,	0.0,	1.2);
(190.0,	13.0,	0.0,	1.2);	(190.0,	11.0,	0.0,	1.2);
(190.0,	9.0,	0.0,	1.2);	(190.0,	-9.0,	0.0,	1.2);
(190.0,	-11.0,	0.0,	1.2);	(190.0,	-13.0,	0.0,	1.2);
(190.0,	-15.0,	0.0,	1.2);	(190.0,	-17.0,	0.0,	1.2);
(190.0,	-20.0,	0.0,	1.2);	(190.0,	-25.0,	0.0,	1.2);
(190.0,	-30.0,	0.0,	1.2);	(190.0,	-40.0,	0.0,	1.2);
(190.0,	-50.0,	0.0,	1.2);	(190.0,	-60.0,	0.0,	1.2);
(190.0,	-70.0,	0.0,	1.2);	(190.0,	-80.0,	0.0,	1.2);
(190.0,	-90.0,	0.0,	1.2);	(190.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 19

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(200.0,	100.0,	0.0,	1.2);	(200.0,	90.0,	0.0,	1.2);
(200.0,	80.0,	0.0,	1.2);	(200.0,	70.0,	0.0,	1.2);
(200.0,	60.0,	0.0,	1.2);	(200.0,	50.0,	0.0,	1.2);
(200.0,	40.0,	0.0,	1.2);	(200.0,	30.0,	0.0,	1.2);
(200.0,	25.0,	0.0,	1.2);	(200.0,	20.0,	0.0,	1.2);
(200.0,	17.0,	0.0,	1.2);	(200.0,	15.0,	0.0,	1.2);
(200.0,	13.0,	0.0,	1.2);	(200.0,	11.0,	0.0,	1.2);
(200.0,	9.0,	0.0,	1.2);	(200.0,	-9.0,	0.0,	1.2);
(200.0,	-11.0,	0.0,	1.2);	(200.0,	-13.0,	0.0,	1.2);
(200.0,	-15.0,	0.0,	1.2);	(200.0,	-17.0,	0.0,	1.2);
(200.0,	-20.0,	0.0,	1.2);	(200.0,	-25.0,	0.0,	1.2);
(200.0,	-30.0,	0.0,	1.2);	(200.0,	-40.0,	0.0,	1.2);
(200.0,	-50.0,	0.0,	1.2);	(200.0,	-60.0,	0.0,	1.2);
(200.0,	-70.0,	0.0,	1.2);	(200.0,	-80.0,	0.0,	1.2);
(200.0,	-90.0,	0.0,	1.2);	(200.0,	-100.0,	0.0,	1.2);

06NCRA_NAPA94-300_DPM_TRAV_ANN E-W Bound

(210.0,	100.0,	0.0,	1.2);	(210.0,	90.0,	0.0,	1.2);
(210.0,	80.0,	0.0,	1.2);	(210.0,	70.0,	0.0,	1.2);
(210.0,	60.0,	0.0,	1.2);	(210.0,	50.0,	0.0,	1.2);
(210.0,	40.0,	0.0,	1.2);	(210.0,	30.0,	0.0,	1.2);
(210.0,	25.0,	0.0,	1.2);	(210.0,	20.0,	0.0,	1.2);
(210.0,	17.0,	0.0,	1.2);	(210.0,	15.0,	0.0,	1.2);
(210.0,	13.0,	0.0,	1.2);	(210.0,	11.0,	0.0,	1.2);
(210.0,	9.0,	0.0,	1.2);	(210.0,	-9.0,	0.0,	1.2);
(210.0,	-11.0,	0.0,	1.2);	(210.0,	-13.0,	0.0,	1.2);
(210.0,	-15.0,	0.0,	1.2);	(210.0,	-17.0,	0.0,	1.2);
(210.0,	-20.0,	0.0,	1.2);	(210.0,	-25.0,	0.0,	1.2);
(210.0,	-30.0,	0.0,	1.2);	(210.0,	-40.0,	0.0,	1.2);
(210.0,	-50.0,	0.0,	1.2);	(210.0,	-60.0,	0.0,	1.2);
(210.0,	-70.0,	0.0,	1.2);	(210.0,	-80.0,	0.0,	1.2);
(210.0,	-90.0,	0.0,	1.2);	(210.0,	-100.0,	0.0,	1.2);
(220.0,	100.0,	0.0,	1.2);	(220.0,	90.0,	0.0,	1.2);
(220.0,	80.0,	0.0,	1.2);	(220.0,	70.0,	0.0,	1.2);
(220.0,	60.0,	0.0,	1.2);	(220.0,	50.0,	0.0,	1.2);
(220.0,	40.0,	0.0,	1.2);	(220.0,	30.0,	0.0,	1.2);
(220.0,	25.0,	0.0,	1.2);	(220.0,	20.0,	0.0,	1.2);
(220.0,	17.0,	0.0,	1.2);	(220.0,	15.0,	0.0,	1.2);
(220.0,	13.0,	0.0,	1.2);	(220.0,	11.0,	0.0,	1.2);
(220.0,	9.0,	0.0,	1.2);	(220.0,	-9.0,	0.0,	1.2);
(220.0,	-11.0,	0.0,	1.2);	(220.0,	-13.0,	0.0,	1.2);
(220.0,	-15.0,	0.0,	1.2);	(220.0,	-17.0,	0.0,	1.2);
(220.0,	-20.0,	0.0,	1.2);	(220.0,	-25.0,	0.0,	1.2);
(220.0,	-30.0,	0.0,	1.2);	(220.0,	-40.0,	0.0,	1.2);
(220.0,	-50.0,	0.0,	1.2);	(220.0,	-60.0,	0.0,	1.2);
(220.0,	-70.0,	0.0,	1.2);	(220.0,	-80.0,	0.0,	1.2);
(220.0,	-90.0,	0.0,	1.2);	(220.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 20

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(230.0,	100.0,	0.0,	1.2);	(230.0,	90.0,	0.0,	1.2);
(230.0,	80.0,	0.0,	1.2);	(230.0,	70.0,	0.0,	1.2);
(230.0,	60.0,	0.0,	1.2);	(230.0,	50.0,	0.0,	1.2);
(230.0,	40.0,	0.0,	1.2);	(230.0,	30.0,	0.0,	1.2);
(230.0,	25.0,	0.0,	1.2);	(230.0,	20.0,	0.0,	1.2);
(230.0,	17.0,	0.0,	1.2);	(230.0,	15.0,	0.0,	1.2);
(230.0,	13.0,	0.0,	1.2);	(230.0,	11.0,	0.0,	1.2);

06NCRA_NAPA94-300_DPM_TRAV_ANN E-W Bound

(230.0,	9.0,	0.0,	1.2);	(230.0,	-9.0,	0.0,	1.2);
(230.0,	-11.0,	0.0,	1.2);	(230.0,	-13.0,	0.0,	1.2);
(230.0,	-15.0,	0.0,	1.2);	(230.0,	-17.0,	0.0,	1.2);
(230.0,	-20.0,	0.0,	1.2);	(230.0,	-25.0,	0.0,	1.2);
(230.0,	-30.0,	0.0,	1.2);	(230.0,	-40.0,	0.0,	1.2);
(230.0,	-50.0,	0.0,	1.2);	(230.0,	-60.0,	0.0,	1.2);
(230.0,	-70.0,	0.0,	1.2);	(230.0,	-80.0,	0.0,	1.2);
(230.0,	-90.0,	0.0,	1.2);	(230.0,	-100.0,	0.0,	1.2);
(240.0,	100.0,	0.0,	1.2);	(240.0,	90.0,	0.0,	1.2);
(240.0,	80.0,	0.0,	1.2);	(240.0,	70.0,	0.0,	1.2);
(240.0,	60.0,	0.0,	1.2);	(240.0,	50.0,	0.0,	1.2);
(240.0,	40.0,	0.0,	1.2);	(240.0,	30.0,	0.0,	1.2);
(240.0,	25.0,	0.0,	1.2);	(240.0,	20.0,	0.0,	1.2);
(240.0,	17.0,	0.0,	1.2);	(240.0,	15.0,	0.0,	1.2);
(240.0,	13.0,	0.0,	1.2);	(240.0,	11.0,	0.0,	1.2);
(240.0,	9.0,	0.0,	1.2);	(240.0,	-9.0,	0.0,	1.2);
(240.0,	-11.0,	0.0,	1.2);	(240.0,	-13.0,	0.0,	1.2);
(240.0,	-15.0,	0.0,	1.2);	(240.0,	-17.0,	0.0,	1.2);
(240.0,	-20.0,	0.0,	1.2);	(240.0,	-25.0,	0.0,	1.2);
(240.0,	-30.0,	0.0,	1.2);	(240.0,	-40.0,	0.0,	1.2);
(240.0,	-50.0,	0.0,	1.2);	(240.0,	-60.0,	0.0,	1.2);
(240.0,	-70.0,	0.0,	1.2);	(240.0,	-80.0,	0.0,	1.2);
(240.0,	-90.0,	0.0,	1.2);	(240.0,	-100.0,	0.0,	1.2);
(250.0,	100.0,	0.0,	1.2);	(250.0,	90.0,	0.0,	1.2);
(250.0,	80.0,	0.0,	1.2);	(250.0,	70.0,	0.0,	1.2);
(250.0,	60.0,	0.0,	1.2);	(250.0,	50.0,	0.0,	1.2);
(250.0,	40.0,	0.0,	1.2);	(250.0,	30.0,	0.0,	1.2);
(250.0,	25.0,	0.0,	1.2);	(250.0,	20.0,	0.0,	1.2);
(250.0,	17.0,	0.0,	1.2);	(250.0,	15.0,	0.0,	1.2);
(250.0,	13.0,	0.0,	1.2);	(250.0,	11.0,	0.0,	1.2);
(250.0,	9.0,	0.0,	1.2);	(250.0,	-9.0,	0.0,	1.2);
(250.0,	-11.0,	0.0,	1.2);	(250.0,	-13.0,	0.0,	1.2);
(250.0,	-15.0,	0.0,	1.2);	(250.0,	-17.0,	0.0,	1.2);
(250.0,	-20.0,	0.0,	1.2);	(250.0,	-25.0,	0.0,	1.2);
(250.0,	-30.0,	0.0,	1.2);	(250.0,	-40.0,	0.0,	1.2);
(250.0,	-50.0,	0.0,	1.2);	(250.0,	-60.0,	0.0,	1.2);
(250.0,	-70.0,	0.0,	1.2);	(250.0,	-80.0,	0.0,	1.2);
(250.0,	-90.0,	0.0,	1.2);	(250.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 21
 CONC

URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
 (1=YES; 0=NO)

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 1994 1 1 1
AND END DATE: 1994 12 31 24

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY					6
	1	2	3	4	5	
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					6
	1	2	3	4	5	
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
**MODELOPTS:
PAGE 22
CONC URBAN FLAT FLGPOL DFAULT

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: C:\NCRA\Modeling\Met Data\Napa\NAP94300.ASC

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)

SURFACE STATION NO.: 4901 UPPER AIR STATION NO.: 4901
NAME: UNKNOWN NAME: UNKNOWN

YEAR: 1994 YEAR: 1994

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
94	01	01	01	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	02	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	03	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	04	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	05	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	06	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	07	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	08	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	09	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	10	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	11	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	12	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	13	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	14	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	15	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	16	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	17	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	18	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	19	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	20	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	21	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	22	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	23	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	24	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:
PAGE 23

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00004	-250.00	90.00	0.00004
-250.00	80.00	0.00005	-250.00	70.00	0.00005
-250.00	60.00	0.00005	-250.00	50.00	0.00005
-250.00	40.00	0.00006	-250.00	30.00	0.00006
-250.00	25.00	0.00006	-250.00	20.00	0.00006
-250.00	17.00	0.00006	-250.00	15.00	0.00006
-250.00	13.00	0.00006	-250.00	11.00	0.00006
-250.00	9.00	0.00006	-250.00	-9.00	0.00007
-250.00	-11.00	0.00007	-250.00	-13.00	0.00007
-250.00	-15.00	0.00007	-250.00	-17.00	0.00007
-250.00	-20.00	0.00007	-250.00	-25.00	0.00007
-250.00	-30.00	0.00007	-250.00	-40.00	0.00007
-250.00	-50.00	0.00007	-250.00	-60.00	0.00008
-250.00	-70.00	0.00008	-250.00	-80.00	0.00008
-250.00	-90.00	0.00008	-250.00	-100.00	0.00008
-240.00	100.00	0.00004	-240.00	90.00	0.00004
-240.00	80.00	0.00005	-240.00	70.00	0.00005

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-240.00	60.00	0.00005	-240.00	50.00	0.00006
-240.00	40.00	0.00006	-240.00	30.00	0.00006
-240.00	25.00	0.00006	-240.00	20.00	0.00006
-240.00	17.00	0.00006	-240.00	15.00	0.00006
-240.00	13.00	0.00006	-240.00	11.00	0.00006
-240.00	9.00	0.00007	-240.00	-9.00	0.00007
-240.00	-11.00	0.00007	-240.00	-13.00	0.00007
-240.00	-15.00	0.00007	-240.00	-17.00	0.00007
-240.00	-20.00	0.00007	-240.00	-25.00	0.00007
-240.00	-30.00	0.00007	-240.00	-40.00	0.00008
-240.00	-50.00	0.00008	-240.00	-60.00	0.00008
-240.00	-70.00	0.00008	-240.00	-80.00	0.00008
-240.00	-90.00	0.00008	-240.00	-100.00	0.00008
-230.00	100.00	0.00004	-230.00	90.00	0.00005
-230.00	80.00	0.00005	-230.00	70.00	0.00005
-230.00	60.00	0.00005	-230.00	50.00	0.00006
-230.00	40.00	0.00006	-230.00	30.00	0.00006
-230.00	25.00	0.00006	-230.00	20.00	0.00007
-230.00	17.00	0.00007	-230.00	15.00	0.00007
-230.00	13.00	0.00007	-230.00	11.00	0.00007
-230.00	9.00	0.00007	-230.00	-9.00	0.00007
-230.00	-11.00	0.00007	-230.00	-13.00	0.00007
-230.00	-15.00	0.00007	-230.00	-17.00	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTS:
 PAGE 24

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00007	-230.00	-25.00	0.00008
-230.00	-30.00	0.00008	-230.00	-40.00	0.00008
-230.00	-50.00	0.00008	-230.00	-60.00	0.00008
-230.00	-70.00	0.00008	-230.00	-80.00	0.00009
-230.00	-90.00	0.00009	-230.00	-100.00	0.00009
-220.00	100.00	0.00005	-220.00	90.00	0.00005
-220.00	80.00	0.00005	-220.00	70.00	0.00005
-220.00	60.00	0.00006	-220.00	50.00	0.00006
-220.00	40.00	0.00006	-220.00	30.00	0.00007
-220.00	25.00	0.00007	-220.00	20.00	0.00007
-220.00	17.00	0.00007	-220.00	15.00	0.00007

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-220.00	13.00	0.00007	-220.00	11.00	0.00007
-220.00	9.00	0.00007	-220.00	-9.00	0.00008
-220.00	-11.00	0.00008	-220.00	-13.00	0.00008
-220.00	-15.00	0.00008	-220.00	-17.00	0.00008
-220.00	-20.00	0.00008	-220.00	-25.00	0.00008
-220.00	-30.00	0.00008	-220.00	-40.00	0.00008
-220.00	-50.00	0.00008	-220.00	-60.00	0.00009
-220.00	-70.00	0.00009	-220.00	-80.00	0.00009
-220.00	-90.00	0.00009	-220.00	-100.00	0.00009
-210.00	100.00	0.00005	-210.00	90.00	0.00005
-210.00	80.00	0.00005	-210.00	70.00	0.00006
-210.00	60.00	0.00006	-210.00	50.00	0.00006
-210.00	40.00	0.00007	-210.00	30.00	0.00007
-210.00	25.00	0.00007	-210.00	20.00	0.00007
-210.00	17.00	0.00007	-210.00	15.00	0.00007
-210.00	13.00	0.00007	-210.00	11.00	0.00007
-210.00	9.00	0.00007	-210.00	-9.00	0.00008
-210.00	-11.00	0.00008	-210.00	-13.00	0.00008
-210.00	-15.00	0.00008	-210.00	-17.00	0.00008
-210.00	-20.00	0.00008	-210.00	-25.00	0.00008
-210.00	-30.00	0.00008	-210.00	-40.00	0.00009
-210.00	-50.00	0.00009	-210.00	-60.00	0.00009
-210.00	-70.00	0.00009	-210.00	-80.00	0.00009
-210.00	-90.00	0.00010	-210.00	-100.00	0.00010
-200.00	100.00	0.00005	-200.00	90.00	0.00005
-200.00	80.00	0.00005	-200.00	70.00	0.00006
-200.00	60.00	0.00006	-200.00	50.00	0.00006
-200.00	40.00	0.00007	-200.00	30.00	0.00007
-200.00	25.00	0.00007	-200.00	20.00	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTS:
 PAGE 25

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00008	-200.00	15.00	0.00008
-200.00	13.00	0.00008	-200.00	11.00	0.00008
-200.00	9.00	0.00008	-200.00	-9.00	0.00008
-200.00	-11.00	0.00008	-200.00	-13.00	0.00008
-200.00	-15.00	0.00008	-200.00	-17.00	0.00009

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-200.00	-20.00	0.00009	-200.00	-25.00	0.00009
-200.00	-30.00	0.00009	-200.00	-40.00	0.00009
-200.00	-50.00	0.00009	-200.00	-60.00	0.00010
-200.00	-70.00	0.00010	-200.00	-80.00	0.00010
-200.00	-90.00	0.00010	-200.00	-100.00	0.00010
-190.00	100.00	0.00005	-190.00	90.00	0.00005
-190.00	80.00	0.00006	-190.00	70.00	0.00006
-190.00	60.00	0.00006	-190.00	50.00	0.00007
-190.00	40.00	0.00007	-190.00	30.00	0.00007
-190.00	25.00	0.00008	-190.00	20.00	0.00008
-190.00	17.00	0.00008	-190.00	15.00	0.00008
-190.00	13.00	0.00008	-190.00	11.00	0.00008
-190.00	9.00	0.00008	-190.00	-9.00	0.00009
-190.00	-11.00	0.00009	-190.00	-13.00	0.00009
-190.00	-15.00	0.00009	-190.00	-17.00	0.00009
-190.00	-20.00	0.00009	-190.00	-25.00	0.00009
-190.00	-30.00	0.00009	-190.00	-40.00	0.00010
-190.00	-50.00	0.00010	-190.00	-60.00	0.00010
-190.00	-70.00	0.00010	-190.00	-80.00	0.00010
-190.00	-90.00	0.00011	-190.00	-100.00	0.00011
-180.00	100.00	0.00005	-180.00	90.00	0.00005
-180.00	80.00	0.00006	-180.00	70.00	0.00006
-180.00	60.00	0.00007	-180.00	50.00	0.00007
-180.00	40.00	0.00007	-180.00	30.00	0.00008
-180.00	25.00	0.00008	-180.00	20.00	0.00008
-180.00	17.00	0.00008	-180.00	15.00	0.00008
-180.00	13.00	0.00008	-180.00	11.00	0.00009
-180.00	9.00	0.00009	-180.00	-9.00	0.00009
-180.00	-11.00	0.00009	-180.00	-13.00	0.00009
-180.00	-15.00	0.00009	-180.00	-17.00	0.00009
-180.00	-20.00	0.00010	-180.00	-25.00	0.00010
-180.00	-30.00	0.00010	-180.00	-40.00	0.00010
-180.00	-50.00	0.00010	-180.00	-60.00	0.00011
-180.00	-70.00	0.00011	-180.00	-80.00	0.00011
-180.00	-90.00	0.00011	-180.00	-100.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 17:08:00
 **MODELOPTS:
 PAGE 26
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00005	-170.00	90.00	0.00006
-170.00	80.00	0.00006	-170.00	70.00	0.00006
-170.00	60.00	0.00007	-170.00	50.00	0.00007
-170.00	40.00	0.00008	-170.00	30.00	0.00008
-170.00	25.00	0.00008	-170.00	20.00	0.00009
-170.00	17.00	0.00009	-170.00	15.00	0.00009
-170.00	13.00	0.00009	-170.00	11.00	0.00009
-170.00	9.00	0.00009	-170.00	-9.00	0.00010
-170.00	-11.00	0.00010	-170.00	-13.00	0.00010
-170.00	-15.00	0.00010	-170.00	-17.00	0.00010
-170.00	-20.00	0.00010	-170.00	-25.00	0.00010
-170.00	-30.00	0.00010	-170.00	-40.00	0.00011
-170.00	-50.00	0.00011	-170.00	-60.00	0.00011
-170.00	-70.00	0.00011	-170.00	-80.00	0.00012
-170.00	-90.00	0.00012	-170.00	-100.00	0.00012
-160.00	100.00	0.00006	-160.00	90.00	0.00006
-160.00	80.00	0.00006	-160.00	70.00	0.00007
-160.00	60.00	0.00007	-160.00	50.00	0.00008
-160.00	40.00	0.00008	-160.00	30.00	0.00009
-160.00	25.00	0.00009	-160.00	20.00	0.00009
-160.00	17.00	0.00009	-160.00	15.00	0.00009
-160.00	13.00	0.00009	-160.00	11.00	0.00009
-160.00	9.00	0.00010	-160.00	-9.00	0.00010
-160.00	-11.00	0.00010	-160.00	-13.00	0.00010
-160.00	-15.00	0.00010	-160.00	-17.00	0.00011
-160.00	-20.00	0.00011	-160.00	-25.00	0.00011
-160.00	-30.00	0.00011	-160.00	-40.00	0.00011
-160.00	-50.00	0.00012	-160.00	-60.00	0.00012
-160.00	-70.00	0.00012	-160.00	-80.00	0.00012
-160.00	-90.00	0.00013	-160.00	-100.00	0.00013
-150.00	100.00	0.00006	-150.00	90.00	0.00006
-150.00	80.00	0.00006	-150.00	70.00	0.00007
-150.00	60.00	0.00007	-150.00	50.00	0.00008
-150.00	40.00	0.00009	-150.00	30.00	0.00009
-150.00	25.00	0.00009	-150.00	20.00	0.00010
-150.00	17.00	0.00010	-150.00	15.00	0.00010
-150.00	13.00	0.00010	-150.00	11.00	0.00010
-150.00	9.00	0.00010	-150.00	-9.00	0.00011
-150.00	-11.00	0.00011	-150.00	-13.00	0.00011
-150.00	-15.00	0.00011	-150.00	-17.00	0.00011

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:08:00

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00011	-150.00	-25.00	0.00011
-150.00	-30.00	0.00012	-150.00	-40.00	0.00012
-150.00	-50.00	0.00012	-150.00	-60.00	0.00013
-150.00	-70.00	0.00013	-150.00	-80.00	0.00013
-150.00	-90.00	0.00013	-150.00	-100.00	0.00014
-140.00	100.00	0.00006	-140.00	90.00	0.00006
-140.00	80.00	0.00007	-140.00	70.00	0.00007
-140.00	60.00	0.00008	-140.00	50.00	0.00008
-140.00	40.00	0.00009	-140.00	30.00	0.00010
-140.00	25.00	0.00010	-140.00	20.00	0.00010
-140.00	17.00	0.00010	-140.00	15.00	0.00010
-140.00	13.00	0.00010	-140.00	11.00	0.00010
-140.00	9.00	0.00011	-140.00	-9.00	0.00011
-140.00	-11.00	0.00012	-140.00	-13.00	0.00012
-140.00	-15.00	0.00012	-140.00	-17.00	0.00012
-140.00	-20.00	0.00012	-140.00	-25.00	0.00012
-140.00	-30.00	0.00012	-140.00	-40.00	0.00013
-140.00	-50.00	0.00013	-140.00	-60.00	0.00013
-140.00	-70.00	0.00014	-140.00	-80.00	0.00014
-140.00	-90.00	0.00014	-140.00	-100.00	0.00015
-130.00	100.00	0.00006	-130.00	90.00	0.00007
-130.00	80.00	0.00007	-130.00	70.00	0.00008
-130.00	60.00	0.00008	-130.00	50.00	0.00009
-130.00	40.00	0.00009	-130.00	30.00	0.00010
-130.00	25.00	0.00010	-130.00	20.00	0.00011
-130.00	17.00	0.00011	-130.00	15.00	0.00011
-130.00	13.00	0.00011	-130.00	11.00	0.00011
-130.00	9.00	0.00011	-130.00	-9.00	0.00012
-130.00	-11.00	0.00012	-130.00	-13.00	0.00012
-130.00	-15.00	0.00012	-130.00	-17.00	0.00013
-130.00	-20.00	0.00013	-130.00	-25.00	0.00013
-130.00	-30.00	0.00013	-130.00	-40.00	0.00013
-130.00	-50.00	0.00014	-130.00	-60.00	0.00014
-130.00	-70.00	0.00014	-130.00	-80.00	0.00015
-130.00	-90.00	0.00015	-130.00	-100.00	0.00016
-120.00	100.00	0.00007	-120.00	90.00	0.00007
-120.00	80.00	0.00007	-120.00	70.00	0.00008

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-120.00	60.00	0.00009	-120.00	50.00	0.00009
-120.00	40.00	0.00010	-120.00	30.00	0.00011
-120.00	25.00	0.00011	-120.00	20.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

PAGE 28

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00011	-120.00	15.00	0.00012
-120.00	13.00	0.00012	-120.00	11.00	0.00012
-120.00	9.00	0.00012	-120.00	-9.00	0.00013
-120.00	-11.00	0.00013	-120.00	-13.00	0.00013
-120.00	-15.00	0.00013	-120.00	-17.00	0.00013
-120.00	-20.00	0.00013	-120.00	-25.00	0.00014
-120.00	-30.00	0.00014	-120.00	-40.00	0.00014
-120.00	-50.00	0.00015	-120.00	-60.00	0.00015
-120.00	-70.00	0.00015	-120.00	-80.00	0.00016
-120.00	-90.00	0.00016	-120.00	-100.00	0.00017
-110.00	100.00	0.00007	-110.00	90.00	0.00007
-110.00	80.00	0.00008	-110.00	70.00	0.00008
-110.00	60.00	0.00009	-110.00	50.00	0.00010
-110.00	40.00	0.00010	-110.00	30.00	0.00011
-110.00	25.00	0.00012	-110.00	20.00	0.00012
-110.00	17.00	0.00012	-110.00	15.00	0.00012
-110.00	13.00	0.00012	-110.00	11.00	0.00013
-110.00	9.00	0.00013	-110.00	-9.00	0.00014
-110.00	-11.00	0.00014	-110.00	-13.00	0.00014
-110.00	-15.00	0.00014	-110.00	-17.00	0.00014
-110.00	-20.00	0.00014	-110.00	-25.00	0.00015
-110.00	-30.00	0.00015	-110.00	-40.00	0.00015
-110.00	-50.00	0.00016	-110.00	-60.00	0.00016
-110.00	-70.00	0.00017	-110.00	-80.00	0.00017
-110.00	-90.00	0.00018	-110.00	-100.00	0.00018
-100.00	100.00	0.00007	-100.00	90.00	0.00008
-100.00	80.00	0.00008	-100.00	70.00	0.00009
-100.00	60.00	0.00009	-100.00	50.00	0.00010
-100.00	40.00	0.00011	-100.00	30.00	0.00012
-100.00	25.00	0.00012	-100.00	20.00	0.00013
-100.00	17.00	0.00013	-100.00	15.00	0.00013

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-100.00	13.00	0.00013	-100.00	11.00	0.00013
-100.00	9.00	0.00013	-100.00	-9.00	0.00015
-100.00	-11.00	0.00015	-100.00	-13.00	0.00015
-100.00	-15.00	0.00015	-100.00	-17.00	0.00015
-100.00	-20.00	0.00015	-100.00	-25.00	0.00016
-100.00	-30.00	0.00016	-100.00	-40.00	0.00016
-100.00	-50.00	0.00017	-100.00	-60.00	0.00017
-100.00	-70.00	0.00018	-100.00	-80.00	0.00018
-100.00	-90.00	0.00019	-100.00	-100.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00008	-90.00	90.00	0.00008
-90.00	80.00	0.00008	-90.00	70.00	0.00009
-90.00	60.00	0.00010	-90.00	50.00	0.00011
-90.00	40.00	0.00012	-90.00	30.00	0.00013
-90.00	25.00	0.00013	-90.00	20.00	0.00013
-90.00	17.00	0.00014	-90.00	15.00	0.00014
-90.00	13.00	0.00014	-90.00	11.00	0.00014
-90.00	9.00	0.00014	-90.00	-9.00	0.00016
-90.00	-11.00	0.00016	-90.00	-13.00	0.00016
-90.00	-15.00	0.00016	-90.00	-17.00	0.00016
-90.00	-20.00	0.00017	-90.00	-25.00	0.00017
-90.00	-30.00	0.00017	-90.00	-40.00	0.00018
-90.00	-50.00	0.00018	-90.00	-60.00	0.00019
-90.00	-70.00	0.00019	-90.00	-80.00	0.00020
-90.00	-90.00	0.00020	-90.00	-100.00	0.00021
-80.00	100.00	0.00008	-80.00	90.00	0.00009
-80.00	80.00	0.00009	-80.00	70.00	0.00010
-80.00	60.00	0.00010	-80.00	50.00	0.00011
-80.00	40.00	0.00012	-80.00	30.00	0.00013
-80.00	25.00	0.00014	-80.00	20.00	0.00014
-80.00	17.00	0.00015	-80.00	15.00	0.00015
-80.00	13.00	0.00015	-80.00	11.00	0.00015
-80.00	9.00	0.00015	-80.00	-9.00	0.00017
-80.00	-11.00	0.00017	-80.00	-13.00	0.00017
-80.00	-15.00	0.00017	-80.00	-17.00	0.00018

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-80.00	-20.00	0.00018	-80.00	-25.00	0.00018
-80.00	-30.00	0.00018	-80.00	-40.00	0.00019
-80.00	-50.00	0.00020	-80.00	-60.00	0.00020
-80.00	-70.00	0.00021	-80.00	-80.00	0.00021
-80.00	-90.00	0.00022	-80.00	-100.00	0.00023
-70.00	100.00	0.00009	-70.00	90.00	0.00009
-70.00	80.00	0.00009	-70.00	70.00	0.00010
-70.00	60.00	0.00011	-70.00	50.00	0.00012
-70.00	40.00	0.00013	-70.00	30.00	0.00014
-70.00	25.00	0.00015	-70.00	20.00	0.00015
-70.00	17.00	0.00016	-70.00	15.00	0.00016
-70.00	13.00	0.00016	-70.00	11.00	0.00016
-70.00	9.00	0.00016	-70.00	-9.00	0.00018
-70.00	-11.00	0.00018	-70.00	-13.00	0.00019
-70.00	-15.00	0.00019	-70.00	-17.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00019	-70.00	-25.00	0.00020
-70.00	-30.00	0.00020	-70.00	-40.00	0.00021
-70.00	-50.00	0.00021	-70.00	-60.00	0.00022
-70.00	-70.00	0.00023	-70.00	-80.00	0.00023
-70.00	-90.00	0.00024	-70.00	-100.00	0.00025
-60.00	100.00	0.00009	-60.00	90.00	0.00010
-60.00	80.00	0.00010	-60.00	70.00	0.00011
-60.00	60.00	0.00011	-60.00	50.00	0.00013
-60.00	40.00	0.00014	-60.00	30.00	0.00015
-60.00	25.00	0.00016	-60.00	20.00	0.00016
-60.00	17.00	0.00017	-60.00	15.00	0.00017
-60.00	13.00	0.00017	-60.00	11.00	0.00018
-60.00	9.00	0.00018	-60.00	-9.00	0.00020
-60.00	-11.00	0.00020	-60.00	-13.00	0.00020
-60.00	-15.00	0.00020	-60.00	-17.00	0.00020
-60.00	-20.00	0.00021	-60.00	-25.00	0.00021
-60.00	-30.00	0.00022	-60.00	-40.00	0.00022
-60.00	-50.00	0.00023	-60.00	-60.00	0.00024
-60.00	-70.00	0.00025	-60.00	-80.00	0.00025

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-60.00	-90.00	0.00026	-60.00	-100.00	0.00027
-50.00	100.00	0.00010	-50.00	90.00	0.00010
-50.00	80.00	0.00011	-50.00	70.00	0.00011
-50.00	60.00	0.00012	-50.00	50.00	0.00013
-50.00	40.00	0.00015	-50.00	30.00	0.00016
-50.00	25.00	0.00017	-50.00	20.00	0.00018
-50.00	17.00	0.00018	-50.00	15.00	0.00018
-50.00	13.00	0.00019	-50.00	11.00	0.00019
-50.00	9.00	0.00019	-50.00	-9.00	0.00021
-50.00	-11.00	0.00022	-50.00	-13.00	0.00022
-50.00	-15.00	0.00022	-50.00	-17.00	0.00022
-50.00	-20.00	0.00023	-50.00	-25.00	0.00023
-50.00	-30.00	0.00023	-50.00	-40.00	0.00024
-50.00	-50.00	0.00025	-50.00	-60.00	0.00026
-50.00	-70.00	0.00027	-50.00	-80.00	0.00028
-50.00	-90.00	0.00029	-50.00	-100.00	0.00029
-40.00	100.00	0.00011	-40.00	90.00	0.00011
-40.00	80.00	0.00011	-40.00	70.00	0.00012
-40.00	60.00	0.00013	-40.00	50.00	0.00014
-40.00	40.00	0.00016	-40.00	30.00	0.00017
-40.00	25.00	0.00018	-40.00	20.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

PAGE 31

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00020	-40.00	15.00	0.00020
-40.00	13.00	0.00020	-40.00	11.00	0.00020
-40.00	9.00	0.00021	-40.00	-9.00	0.00023
-40.00	-11.00	0.00023	-40.00	-13.00	0.00024
-40.00	-15.00	0.00024	-40.00	-17.00	0.00024
-40.00	-20.00	0.00025	-40.00	-25.00	0.00025
-40.00	-30.00	0.00026	-40.00	-40.00	0.00026
-40.00	-50.00	0.00027	-40.00	-60.00	0.00028
-40.00	-70.00	0.00030	-40.00	-80.00	0.00031
-40.00	-90.00	0.00031	-40.00	-100.00	0.00032
-30.00	100.00	0.00012	-30.00	90.00	0.00012
-30.00	80.00	0.00012	-30.00	70.00	0.00013
-30.00	60.00	0.00014	-30.00	50.00	0.00015

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-30.00	40.00	0.00017	-30.00	30.00	0.00019
-30.00	25.00	0.00020	-30.00	20.00	0.00021
-30.00	17.00	0.00021	-30.00	15.00	0.00021
-30.00	13.00	0.00022	-30.00	11.00	0.00022
-30.00	9.00	0.00022	-30.00	-9.00	0.00025
-30.00	-11.00	0.00026	-30.00	-13.00	0.00026
-30.00	-15.00	0.00026	-30.00	-17.00	0.00026
-30.00	-20.00	0.00027	-30.00	-25.00	0.00027
-30.00	-30.00	0.00028	-30.00	-40.00	0.00029
-30.00	-50.00	0.00030	-30.00	-60.00	0.00031
-30.00	-70.00	0.00033	-30.00	-80.00	0.00034
-30.00	-90.00	0.00034	-30.00	-100.00	0.00034
-20.00	100.00	0.00013	-20.00	90.00	0.00013
-20.00	80.00	0.00013	-20.00	70.00	0.00014
-20.00	60.00	0.00015	-20.00	50.00	0.00016
-20.00	40.00	0.00018	-20.00	30.00	0.00020
-20.00	25.00	0.00021	-20.00	20.00	0.00022
-20.00	17.00	0.00023	-20.00	15.00	0.00023
-20.00	13.00	0.00024	-20.00	11.00	0.00024
-20.00	9.00	0.00025	-20.00	-9.00	0.00028
-20.00	-11.00	0.00028	-20.00	-13.00	0.00028
-20.00	-15.00	0.00029	-20.00	-17.00	0.00029
-20.00	-20.00	0.00030	-20.00	-25.00	0.00030
-20.00	-30.00	0.00031	-20.00	-40.00	0.00032
-20.00	-50.00	0.00033	-20.00	-60.00	0.00035
-20.00	-70.00	0.00036	-20.00	-80.00	0.00037
-20.00	-90.00	0.00038	-20.00	-100.00	0.00038

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 32

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00014	-10.00	90.00	0.00014
-10.00	80.00	0.00014	-10.00	70.00	0.00015
-10.00	60.00	0.00016	-10.00	50.00	0.00017
-10.00	40.00	0.00019	-10.00	30.00	0.00022
-10.00	25.00	0.00023	-10.00	20.00	0.00024
-10.00	17.00	0.00025	-10.00	15.00	0.00025
-10.00	13.00	0.00026	-10.00	11.00	0.00026

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-10.00	9.00	0.00027	-10.00	-9.00	0.00031
-10.00	-11.00	0.00031	-10.00	-13.00	0.00031
-10.00	-15.00	0.00032	-10.00	-17.00	0.00032
-10.00	-20.00	0.00033	-10.00	-25.00	0.00033
-10.00	-30.00	0.00034	-10.00	-40.00	0.00036
-10.00	-50.00	0.00037	-10.00	-60.00	0.00039
-10.00	-70.00	0.00040	-10.00	-80.00	0.00041
-10.00	-90.00	0.00041	-10.00	-100.00	0.00041
0.00	100.00	0.00015	0.00	90.00	0.00015
0.00	80.00	0.00016	0.00	70.00	0.00016
0.00	60.00	0.00017	0.00	50.00	0.00018
0.00	40.00	0.00021	0.00	30.00	0.00023
0.00	25.00	0.00025	0.00	20.00	0.00026
0.00	17.00	0.00027	0.00	15.00	0.00028
0.00	13.00	0.00028	0.00	11.00	0.00029
0.00	9.00	0.00030	0.00	-9.00	0.00034
0.00	-11.00	0.00034	0.00	-13.00	0.00035
0.00	-15.00	0.00035	0.00	-17.00	0.00036
0.00	-20.00	0.00036	0.00	-25.00	0.00037
0.00	-30.00	0.00038	0.00	-40.00	0.00040
0.00	-50.00	0.00042	0.00	-60.00	0.00043
0.00	-70.00	0.00045	0.00	-80.00	0.00046
0.00	-90.00	0.00046	0.00	-100.00	0.00045
10.00	100.00	0.00017	10.00	90.00	0.00017
10.00	80.00	0.00017	10.00	70.00	0.00018
10.00	60.00	0.00019	10.00	50.00	0.00020
10.00	40.00	0.00022	10.00	30.00	0.00025
10.00	25.00	0.00027	10.00	20.00	0.00029
10.00	17.00	0.00030	10.00	15.00	0.00031
10.00	13.00	0.00031	10.00	11.00	0.00032
10.00	9.00	0.00033	10.00	-9.00	0.00038
10.00	-11.00	0.00038	10.00	-13.00	0.00039
10.00	-15.00	0.00039	10.00	-17.00	0.00040

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 33
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00041	10.00	-25.00	0.00042

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

10.00	-30.00	0.00043	10.00	-40.00	0.00045
10.00	-50.00	0.00047	10.00	-60.00	0.00049
10.00	-70.00	0.00050	10.00	-80.00	0.00051
10.00	-90.00	0.00051	10.00	-100.00	0.00050
20.00	100.00	0.00018	20.00	90.00	0.00019
20.00	80.00	0.00019	20.00	70.00	0.00020
20.00	60.00	0.00020	20.00	50.00	0.00022
20.00	40.00	0.00024	20.00	30.00	0.00028
20.00	25.00	0.00030	20.00	20.00	0.00032
20.00	17.00	0.00033	20.00	15.00	0.00034
20.00	13.00	0.00035	20.00	11.00	0.00035
20.00	9.00	0.00036	20.00	-9.00	0.00043
20.00	-11.00	0.00043	20.00	-13.00	0.00044
20.00	-15.00	0.00044	20.00	-17.00	0.00045
20.00	-20.00	0.00046	20.00	-25.00	0.00047
20.00	-30.00	0.00048	20.00	-40.00	0.00051
20.00	-50.00	0.00053	20.00	-60.00	0.00056
20.00	-70.00	0.00057	20.00	-80.00	0.00057
20.00	-90.00	0.00056	20.00	-100.00	0.00055
30.00	100.00	0.00020	30.00	90.00	0.00021
30.00	80.00	0.00021	30.00	70.00	0.00022
30.00	60.00	0.00023	30.00	50.00	0.00024
30.00	40.00	0.00026	30.00	30.00	0.00030
30.00	25.00	0.00032	30.00	20.00	0.00035
30.00	17.00	0.00037	30.00	15.00	0.00038
30.00	13.00	0.00039	30.00	11.00	0.00039
30.00	9.00	0.00040	30.00	-9.00	0.00048
30.00	-11.00	0.00049	30.00	-13.00	0.00050
30.00	-15.00	0.00050	30.00	-17.00	0.00051
30.00	-20.00	0.00052	30.00	-25.00	0.00053
30.00	-30.00	0.00055	30.00	-40.00	0.00058
30.00	-50.00	0.00061	30.00	-60.00	0.00063
30.00	-70.00	0.00064	30.00	-80.00	0.00064
30.00	-90.00	0.00063	30.00	-100.00	0.00061
40.00	100.00	0.00023	40.00	90.00	0.00023
40.00	80.00	0.00024	40.00	70.00	0.00025
40.00	60.00	0.00025	40.00	50.00	0.00027
40.00	40.00	0.00029	40.00	30.00	0.00033
40.00	25.00	0.00036	40.00	20.00	0.00039

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:08:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00041	40.00	15.00	0.00042
40.00	13.00	0.00043	40.00	11.00	0.00044
40.00	9.00	0.00045	40.00	-9.00	0.00055
40.00	-11.00	0.00056	40.00	-13.00	0.00057
40.00	-15.00	0.00057	40.00	-17.00	0.00058
40.00	-20.00	0.00059	40.00	-25.00	0.00061
40.00	-30.00	0.00063	40.00	-40.00	0.00067
40.00	-50.00	0.00071	40.00	-60.00	0.00072
40.00	-70.00	0.00073	40.00	-80.00	0.00072
40.00	-90.00	0.00070	40.00	-100.00	0.00068
50.00	100.00	0.00025	50.00	90.00	0.00026
50.00	80.00	0.00027	50.00	70.00	0.00028
50.00	60.00	0.00029	50.00	50.00	0.00030
50.00	40.00	0.00032	50.00	30.00	0.00036
50.00	25.00	0.00039	50.00	20.00	0.00043
50.00	17.00	0.00045	50.00	15.00	0.00047
50.00	13.00	0.00048	50.00	11.00	0.00050
50.00	9.00	0.00051	50.00	-9.00	0.00063
50.00	-11.00	0.00064	50.00	-13.00	0.00065
50.00	-15.00	0.00066	50.00	-17.00	0.00067
50.00	-20.00	0.00069	50.00	-25.00	0.00071
50.00	-30.00	0.00073	50.00	-40.00	0.00078
50.00	-50.00	0.00082	50.00	-60.00	0.00083
50.00	-70.00	0.00083	50.00	-80.00	0.00081
50.00	-90.00	0.00079	50.00	-100.00	0.00076
60.00	100.00	0.00028	60.00	90.00	0.00030
60.00	80.00	0.00031	60.00	70.00	0.00032
60.00	60.00	0.00033	60.00	50.00	0.00034
60.00	40.00	0.00036	60.00	30.00	0.00040
60.00	25.00	0.00044	60.00	20.00	0.00048
60.00	17.00	0.00051	60.00	15.00	0.00053
60.00	13.00	0.00055	60.00	11.00	0.00056
60.00	9.00	0.00058	60.00	-9.00	0.00073
60.00	-11.00	0.00075	60.00	-13.00	0.00076
60.00	-15.00	0.00077	60.00	-17.00	0.00079
60.00	-20.00	0.00080	60.00	-25.00	0.00083
60.00	-30.00	0.00087	60.00	-40.00	0.00092
60.00	-50.00	0.00095	60.00	-60.00	0.00096
60.00	-70.00	0.00095	60.00	-80.00	0.00092

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

60.00 -90.00 0.00089 60.00 -100.00 0.00085

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:
 PAGE 35

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00032	70.00	90.00	0.00034
70.00	80.00	0.00035	70.00	70.00	0.00036
70.00	60.00	0.00038	70.00	50.00	0.00039
70.00	40.00	0.00041	70.00	30.00	0.00045
70.00	25.00	0.00049	70.00	20.00	0.00053
70.00	17.00	0.00057	70.00	15.00	0.00059
70.00	13.00	0.00062	70.00	11.00	0.00064
70.00	9.00	0.00067	70.00	-9.00	0.00086
70.00	-11.00	0.00088	70.00	-13.00	0.00090
70.00	-15.00	0.00091	70.00	-17.00	0.00093
70.00	-20.00	0.00095	70.00	-25.00	0.00100
70.00	-30.00	0.00104	70.00	-40.00	0.00110
70.00	-50.00	0.00112	70.00	-60.00	0.00112
70.00	-70.00	0.00109	70.00	-80.00	0.00105
70.00	-90.00	0.00100	70.00	-100.00	0.00094
80.00	100.00	0.00037	80.00	90.00	0.00039
80.00	80.00	0.00041	80.00	70.00	0.00042
80.00	60.00	0.00044	80.00	50.00	0.00046
80.00	40.00	0.00048	80.00	30.00	0.00051
80.00	25.00	0.00055	80.00	20.00	0.00060
80.00	17.00	0.00064	80.00	15.00	0.00067
80.00	13.00	0.00070	80.00	11.00	0.00073
80.00	9.00	0.00077	80.00	-9.00	0.00103
80.00	-11.00	0.00105	80.00	-13.00	0.00107
80.00	-15.00	0.00109	80.00	-17.00	0.00112
80.00	-20.00	0.00115	80.00	-25.00	0.00121
80.00	-30.00	0.00126	80.00	-40.00	0.00132
80.00	-50.00	0.00133	80.00	-60.00	0.00131
80.00	-70.00	0.00126	80.00	-80.00	0.00119
80.00	-90.00	0.00112	80.00	-100.00	0.00105
90.00	100.00	0.00044	90.00	90.00	0.00046
90.00	80.00	0.00048	90.00	70.00	0.00050
90.00	60.00	0.00052	90.00	50.00	0.00054

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

90.00	40.00	0.00056	90.00	30.00	0.00060
90.00	25.00	0.00063	90.00	20.00	0.00068
90.00	17.00	0.00072	90.00	15.00	0.00076
90.00	13.00	0.00080	90.00	11.00	0.00084
90.00	9.00	0.00088	90.00	-9.00	0.00124
90.00	-11.00	0.00127	90.00	-13.00	0.00130
90.00	-15.00	0.00133	90.00	-17.00	0.00137

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:
 PAGE 36

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00141	90.00	-25.00	0.00149
90.00	-30.00	0.00154	90.00	-40.00	0.00159
90.00	-50.00	0.00158	90.00	-60.00	0.00153
90.00	-70.00	0.00145	90.00	-80.00	0.00135
90.00	-90.00	0.00126	90.00	-100.00	0.00116
100.00	100.00	0.00052	100.00	90.00	0.00055
100.00	80.00	0.00058	100.00	70.00	0.00060
100.00	60.00	0.00063	100.00	50.00	0.00065
100.00	40.00	0.00067	100.00	30.00	0.00071
100.00	25.00	0.00074	100.00	20.00	0.00078
100.00	17.00	0.00083	100.00	15.00	0.00087
100.00	13.00	0.00091	100.00	11.00	0.00096
100.00	9.00	0.00102	100.00	-9.00	0.00152
100.00	-11.00	0.00156	100.00	-13.00	0.00161
100.00	-15.00	0.00166	100.00	-17.00	0.00171
100.00	-20.00	0.00177	100.00	-25.00	0.00185
100.00	-30.00	0.00191	100.00	-40.00	0.00194
100.00	-50.00	0.00189	100.00	-60.00	0.00178
100.00	-70.00	0.00166	100.00	-80.00	0.00153
100.00	-90.00	0.00140	100.00	-100.00	0.00127
110.00	100.00	0.00064	110.00	90.00	0.00068
110.00	80.00	0.00072	110.00	70.00	0.00076
110.00	60.00	0.00079	110.00	50.00	0.00082
110.00	40.00	0.00084	110.00	30.00	0.00086
110.00	25.00	0.00088	110.00	20.00	0.00093
110.00	17.00	0.00097	110.00	15.00	0.00100
110.00	13.00	0.00105	110.00	11.00	0.00110

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

110.00	9.00	0.00117	110.00	-9.00	0.00191
110.00	-11.00	0.00198	110.00	-13.00	0.00205
110.00	-15.00	0.00212	110.00	-17.00	0.00218
110.00	-20.00	0.00225	110.00	-25.00	0.00234
110.00	-30.00	0.00238	110.00	-40.00	0.00236
110.00	-50.00	0.00224	110.00	-60.00	0.00207
110.00	-70.00	0.00188	110.00	-80.00	0.00170
110.00	-90.00	0.00153	110.00	-100.00	0.00137
120.00	100.00	0.00080	120.00	90.00	0.00087
120.00	80.00	0.00093	120.00	70.00	0.00100
120.00	60.00	0.00106	120.00	50.00	0.00111
120.00	40.00	0.00113	120.00	30.00	0.00113
120.00	25.00	0.00113	120.00	20.00	0.00115

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:
 PAGE 37

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00117	120.00	15.00	0.00120
120.00	13.00	0.00124	120.00	11.00	0.00130
120.00	9.00	0.00137	120.00	-9.00	0.00250
120.00	-11.00	0.00260	120.00	-13.00	0.00270
120.00	-15.00	0.00277	120.00	-17.00	0.00284
120.00	-20.00	0.00291	120.00	-25.00	0.00298
120.00	-30.00	0.00298	120.00	-40.00	0.00285
120.00	-50.00	0.00262	120.00	-60.00	0.00235
120.00	-70.00	0.00209	120.00	-80.00	0.00185
120.00	-90.00	0.00164	120.00	-100.00	0.00145
130.00	100.00	0.00099	130.00	90.00	0.00109
130.00	80.00	0.00121	130.00	70.00	0.00134
130.00	60.00	0.00148	130.00	50.00	0.00162
130.00	40.00	0.00175	130.00	30.00	0.00181
130.00	25.00	0.00181	130.00	20.00	0.00178
130.00	17.00	0.00175	130.00	15.00	0.00174
130.00	13.00	0.00173	130.00	11.00	0.00174
130.00	9.00	0.00178	130.00	-9.00	0.00359
130.00	-11.00	0.00367	130.00	-13.00	0.00373
130.00	-15.00	0.00376	130.00	-17.00	0.00378
130.00	-20.00	0.00378	130.00	-25.00	0.00373

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

130.00	-30.00	0.00362	130.00	-40.00	0.00331
130.00	-50.00	0.00294	130.00	-60.00	0.00258
130.00	-70.00	0.00225	130.00	-80.00	0.00196
130.00	-90.00	0.00171	130.00	-100.00	0.00149
140.00	100.00	0.00119	140.00	90.00	0.00133
140.00	80.00	0.00150	140.00	70.00	0.00171
140.00	60.00	0.00196	140.00	50.00	0.00225
140.00	40.00	0.00258	140.00	30.00	0.00296
140.00	25.00	0.00315	140.00	20.00	0.00335
140.00	17.00	0.00347	140.00	15.00	0.00356
140.00	13.00	0.00366	140.00	11.00	0.00379
140.00	9.00	0.00396	140.00	-9.00	0.00476
140.00	-11.00	0.00466	140.00	-13.00	0.00460
140.00	-15.00	0.00454	140.00	-17.00	0.00449
140.00	-20.00	0.00440	140.00	-25.00	0.00423
140.00	-30.00	0.00403	140.00	-40.00	0.00359
140.00	-50.00	0.00313	140.00	-60.00	0.00270
140.00	-70.00	0.00233	140.00	-80.00	0.00201
140.00	-90.00	0.00173	140.00	-100.00	0.00150

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 38

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00136	150.00	90.00	0.00155
150.00	80.00	0.00177	150.00	70.00	0.00204
150.00	60.00	0.00237	150.00	50.00	0.00276
150.00	40.00	0.00324	150.00	30.00	0.00378
150.00	25.00	0.00406	150.00	20.00	0.00434
150.00	17.00	0.00450	150.00	15.00	0.00459
150.00	13.00	0.00468	150.00	11.00	0.00477
150.00	9.00	0.00488	150.00	-9.00	0.00496
150.00	-11.00	0.00486	150.00	-13.00	0.00479
150.00	-15.00	0.00473	150.00	-17.00	0.00467
150.00	-20.00	0.00458	150.00	-25.00	0.00439
150.00	-30.00	0.00418	150.00	-40.00	0.00369
150.00	-50.00	0.00319	150.00	-60.00	0.00274
150.00	-70.00	0.00234	150.00	-80.00	0.00200
150.00	-90.00	0.00171	150.00	-100.00	0.00148

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

160.00	100.00	0.00151	160.00	90.00	0.00172
160.00	80.00	0.00198	160.00	70.00	0.00229
160.00	60.00	0.00267	160.00	50.00	0.00313
160.00	40.00	0.00367	160.00	30.00	0.00427
160.00	25.00	0.00457	160.00	20.00	0.00483
160.00	17.00	0.00496	160.00	15.00	0.00503
160.00	13.00	0.00509	160.00	11.00	0.00514
160.00	9.00	0.00520	160.00	-9.00	0.00498
160.00	-11.00	0.00488	160.00	-13.00	0.00481
160.00	-15.00	0.00475	160.00	-17.00	0.00468
160.00	-20.00	0.00458	160.00	-25.00	0.00439
160.00	-30.00	0.00416	160.00	-40.00	0.00365
160.00	-50.00	0.00314	160.00	-60.00	0.00268
160.00	-70.00	0.00228	160.00	-80.00	0.00194
160.00	-90.00	0.00165	160.00	-100.00	0.00142
170.00	100.00	0.00161	170.00	90.00	0.00184
170.00	80.00	0.00213	170.00	70.00	0.00247
170.00	60.00	0.00288	170.00	50.00	0.00337
170.00	40.00	0.00394	170.00	30.00	0.00455
170.00	25.00	0.00483	170.00	20.00	0.00506
170.00	17.00	0.00517	170.00	15.00	0.00522
170.00	13.00	0.00525	170.00	11.00	0.00528
170.00	9.00	0.00532	170.00	-9.00	0.00491
170.00	-11.00	0.00480	170.00	-13.00	0.00472
170.00	-15.00	0.00465	170.00	-17.00	0.00458

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00447	170.00	-25.00	0.00426
170.00	-30.00	0.00402	170.00	-40.00	0.00351
170.00	-50.00	0.00300	170.00	-60.00	0.00254
170.00	-70.00	0.00215	170.00	-80.00	0.00182
170.00	-90.00	0.00155	170.00	-100.00	0.00133
180.00	100.00	0.00167	180.00	90.00	0.00192
180.00	80.00	0.00222	180.00	70.00	0.00258
180.00	60.00	0.00300	180.00	50.00	0.00351
180.00	40.00	0.00407	180.00	30.00	0.00467

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

180.00	25.00	0.00494	180.00	20.00	0.00516
180.00	17.00	0.00524	180.00	15.00	0.00528
180.00	13.00	0.00531	180.00	11.00	0.00532
180.00	9.00	0.00533	180.00	-9.00	0.00475
180.00	-11.00	0.00463	180.00	-13.00	0.00453
180.00	-15.00	0.00445	180.00	-17.00	0.00437
180.00	-20.00	0.00425	180.00	-25.00	0.00402
180.00	-30.00	0.00378	180.00	-40.00	0.00327
180.00	-50.00	0.00277	180.00	-60.00	0.00234
180.00	-70.00	0.00197	180.00	-80.00	0.00166
180.00	-90.00	0.00142	180.00	-100.00	0.00121
190.00	100.00	0.00169	190.00	90.00	0.00194
190.00	80.00	0.00225	190.00	70.00	0.00261
190.00	60.00	0.00304	190.00	50.00	0.00354
190.00	40.00	0.00411	190.00	30.00	0.00469
190.00	25.00	0.00495	190.00	20.00	0.00516
190.00	17.00	0.00524	190.00	15.00	0.00527
190.00	13.00	0.00528	190.00	11.00	0.00528
190.00	9.00	0.00527	190.00	-9.00	0.00449
190.00	-11.00	0.00435	190.00	-13.00	0.00424
190.00	-15.00	0.00414	190.00	-17.00	0.00404
190.00	-20.00	0.00390	190.00	-25.00	0.00366
190.00	-30.00	0.00342	190.00	-40.00	0.00292
190.00	-50.00	0.00247	190.00	-60.00	0.00207
190.00	-70.00	0.00174	190.00	-80.00	0.00147
190.00	-90.00	0.00125	190.00	-100.00	0.00108
200.00	100.00	0.00165	200.00	90.00	0.00190
200.00	80.00	0.00220	200.00	70.00	0.00255
200.00	60.00	0.00298	200.00	50.00	0.00348
200.00	40.00	0.00404	200.00	30.00	0.00462
200.00	25.00	0.00487	200.00	20.00	0.00508

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 40

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00516	200.00	15.00	0.00519
200.00	13.00	0.00519	200.00	11.00	0.00517
200.00	9.00	0.00515	200.00	-9.00	0.00409

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

200.00	-11.00	0.00392	200.00	-13.00	0.00379
200.00	-15.00	0.00367	200.00	-17.00	0.00355
200.00	-20.00	0.00340	200.00	-25.00	0.00315
200.00	-30.00	0.00291	200.00	-40.00	0.00247
200.00	-50.00	0.00208	200.00	-60.00	0.00175
200.00	-70.00	0.00147	200.00	-80.00	0.00125
200.00	-90.00	0.00107	200.00	-100.00	0.00093
210.00	100.00	0.00156	210.00	90.00	0.00178
210.00	80.00	0.00205	210.00	70.00	0.00238
210.00	60.00	0.00278	210.00	50.00	0.00325
210.00	40.00	0.00380	210.00	30.00	0.00439
210.00	25.00	0.00467	210.00	20.00	0.00490
210.00	17.00	0.00498	210.00	15.00	0.00500
210.00	13.00	0.00501	210.00	11.00	0.00499
210.00	9.00	0.00496	210.00	-9.00	0.00348
210.00	-11.00	0.00327	210.00	-13.00	0.00311
210.00	-15.00	0.00297	210.00	-17.00	0.00285
210.00	-20.00	0.00269	210.00	-25.00	0.00246
210.00	-30.00	0.00226	210.00	-40.00	0.00192
210.00	-50.00	0.00163	210.00	-60.00	0.00140
210.00	-70.00	0.00120	210.00	-80.00	0.00104
210.00	-90.00	0.00090	210.00	-100.00	0.00079
220.00	100.00	0.00141	220.00	90.00	0.00160
220.00	80.00	0.00182	220.00	70.00	0.00208
220.00	60.00	0.00240	220.00	50.00	0.00278
220.00	40.00	0.00322	220.00	30.00	0.00373
220.00	25.00	0.00400	220.00	20.00	0.00426
220.00	17.00	0.00439	220.00	15.00	0.00446
220.00	13.00	0.00451	220.00	11.00	0.00454
220.00	9.00	0.00454	220.00	-9.00	0.00234
220.00	-11.00	0.00215	220.00	-13.00	0.00201
220.00	-15.00	0.00192	220.00	-17.00	0.00184
220.00	-20.00	0.00175	220.00	-25.00	0.00163
220.00	-30.00	0.00154	220.00	-40.00	0.00137
220.00	-50.00	0.00122	220.00	-60.00	0.00108
220.00	-70.00	0.00096	220.00	-80.00	0.00085
220.00	-90.00	0.00075	220.00	-100.00	0.00067

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:
 PAGE 41

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

06NCRA_NAPA94-300 DPM TRAV ANN E-W Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00124	230.00	90.00	0.00138
230.00	80.00	0.00155	230.00	70.00	0.00173
230.00	60.00	0.00194	230.00	50.00	0.00216
230.00	40.00	0.00239	230.00	30.00	0.00259
230.00	25.00	0.00266	230.00	20.00	0.00268
230.00	17.00	0.00265	230.00	15.00	0.00261
230.00	13.00	0.00254	230.00	11.00	0.00245
230.00	9.00	0.00232	230.00	-9.00	0.00109
230.00	-11.00	0.00107	230.00	-13.00	0.00106
230.00	-15.00	0.00105	230.00	-17.00	0.00105
230.00	-20.00	0.00104	230.00	-25.00	0.00103
230.00	-30.00	0.00101	230.00	-40.00	0.00097
230.00	-50.00	0.00091	230.00	-60.00	0.00083
230.00	-70.00	0.00076	230.00	-80.00	0.00069
230.00	-90.00	0.00063	230.00	-100.00	0.00057
240.00	100.00	0.00107	240.00	90.00	0.00117
240.00	80.00	0.00129	240.00	70.00	0.00141
240.00	60.00	0.00153	240.00	50.00	0.00164
240.00	40.00	0.00172	240.00	30.00	0.00175
240.00	25.00	0.00172	240.00	20.00	0.00165
240.00	17.00	0.00158	240.00	15.00	0.00153
240.00	13.00	0.00147	240.00	11.00	0.00140
240.00	9.00	0.00133	240.00	-9.00	0.00077
240.00	-11.00	0.00076	240.00	-13.00	0.00074
240.00	-15.00	0.00074	240.00	-17.00	0.00073
240.00	-20.00	0.00073	240.00	-25.00	0.00073
240.00	-30.00	0.00072	240.00	-40.00	0.00071
240.00	-50.00	0.00068	240.00	-60.00	0.00064
240.00	-70.00	0.00060	240.00	-80.00	0.00056
240.00	-90.00	0.00052	240.00	-100.00	0.00048
250.00	100.00	0.00091	250.00	90.00	0.00099
250.00	80.00	0.00106	250.00	70.00	0.00114
250.00	60.00	0.00120	250.00	50.00	0.00124
250.00	40.00	0.00125	250.00	30.00	0.00122
250.00	25.00	0.00117	250.00	20.00	0.00111
250.00	17.00	0.00106	250.00	15.00	0.00102
250.00	13.00	0.00099	250.00	11.00	0.00095
250.00	9.00	0.00091	250.00	-9.00	0.00061
250.00	-11.00	0.00059	250.00	-13.00	0.00057
250.00	-15.00	0.00056	250.00	-17.00	0.00056

04/20/08

*** Maximum train overlap at East/West Bound Direction

17:08:00

**MODELOPTs:
PAGE 42

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00055	250.00	-25.00	0.00055
250.00	-30.00	0.00055	250.00	-40.00	0.00055
250.00	-50.00	0.00053	250.00	-60.00	0.00051
250.00	-70.00	0.00048	250.00	-80.00	0.00046
250.00	-90.00	0.00043	250.00	-100.00	0.00040

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:08:00

**MODELOPTs:
PAGE 43

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00006	-250.00	90.00	0.00006
-250.00	80.00	0.00006	-250.00	70.00	0.00007
-250.00	60.00	0.00007	-250.00	50.00	0.00008
-250.00	40.00	0.00008	-250.00	30.00	0.00009
-250.00	25.00	0.00009	-250.00	20.00	0.00009
-250.00	17.00	0.00009	-250.00	15.00	0.00009
-250.00	13.00	0.00009	-250.00	11.00	0.00009
-250.00	9.00	0.00010	-250.00	-9.00	0.00010
-250.00	-11.00	0.00010	-250.00	-13.00	0.00010
-250.00	-15.00	0.00010	-250.00	-17.00	0.00011
-250.00	-20.00	0.00011	-250.00	-25.00	0.00011
-250.00	-30.00	0.00011	-250.00	-40.00	0.00011
-250.00	-50.00	0.00012	-250.00	-60.00	0.00012
-250.00	-70.00	0.00012	-250.00	-80.00	0.00012
-250.00	-90.00	0.00013	-250.00	-100.00	0.00013
-240.00	100.00	0.00006	-240.00	90.00	0.00006
-240.00	80.00	0.00006	-240.00	70.00	0.00007
-240.00	60.00	0.00007	-240.00	50.00	0.00008
-240.00	40.00	0.00009	-240.00	30.00	0.00009
-240.00	25.00	0.00009	-240.00	20.00	0.00010

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-240.00	17.00	0.00010	-240.00	15.00	0.00010
-240.00	13.00	0.00010	-240.00	11.00	0.00010
-240.00	9.00	0.00010	-240.00	-9.00	0.00011
-240.00	-11.00	0.00011	-240.00	-13.00	0.00011
-240.00	-15.00	0.00011	-240.00	-17.00	0.00011
-240.00	-20.00	0.00011	-240.00	-25.00	0.00011
-240.00	-30.00	0.00012	-240.00	-40.00	0.00012
-240.00	-50.00	0.00012	-240.00	-60.00	0.00013
-240.00	-70.00	0.00013	-240.00	-80.00	0.00013
-240.00	-90.00	0.00013	-240.00	-100.00	0.00014
-230.00	100.00	0.00006	-230.00	90.00	0.00006
-230.00	80.00	0.00007	-230.00	70.00	0.00007
-230.00	60.00	0.00008	-230.00	50.00	0.00008
-230.00	40.00	0.00009	-230.00	30.00	0.00010
-230.00	25.00	0.00010	-230.00	20.00	0.00010
-230.00	17.00	0.00010	-230.00	15.00	0.00010
-230.00	13.00	0.00010	-230.00	11.00	0.00010
-230.00	9.00	0.00011	-230.00	-9.00	0.00011
-230.00	-11.00	0.00012	-230.00	-13.00	0.00012
-230.00	-15.00	0.00012	-230.00	-17.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTS:
 PAGE 44
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00012	-230.00	-25.00	0.00012
-230.00	-30.00	0.00012	-230.00	-40.00	0.00013
-230.00	-50.00	0.00013	-230.00	-60.00	0.00013
-230.00	-70.00	0.00014	-230.00	-80.00	0.00014
-230.00	-90.00	0.00014	-230.00	-100.00	0.00015
-220.00	100.00	0.00006	-220.00	90.00	0.00007
-220.00	80.00	0.00007	-220.00	70.00	0.00008
-220.00	60.00	0.00008	-220.00	50.00	0.00009
-220.00	40.00	0.00009	-220.00	30.00	0.00010
-220.00	25.00	0.00010	-220.00	20.00	0.00011
-220.00	17.00	0.00011	-220.00	15.00	0.00011
-220.00	13.00	0.00011	-220.00	11.00	0.00011
-220.00	9.00	0.00011	-220.00	-9.00	0.00012
-220.00	-11.00	0.00012	-220.00	-13.00	0.00012

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-220.00	-15.00	0.00012	-220.00	-17.00	0.00013
-220.00	-20.00	0.00013	-220.00	-25.00	0.00013
-220.00	-30.00	0.00013	-220.00	-40.00	0.00013
-220.00	-50.00	0.00014	-220.00	-60.00	0.00014
-220.00	-70.00	0.00014	-220.00	-80.00	0.00015
-220.00	-90.00	0.00015	-220.00	-100.00	0.00016
-210.00	100.00	0.00007	-210.00	90.00	0.00007
-210.00	80.00	0.00007	-210.00	70.00	0.00008
-210.00	60.00	0.00009	-210.00	50.00	0.00009
-210.00	40.00	0.00010	-210.00	30.00	0.00011
-210.00	25.00	0.00011	-210.00	20.00	0.00011
-210.00	17.00	0.00011	-210.00	15.00	0.00012
-210.00	13.00	0.00012	-210.00	11.00	0.00012
-210.00	9.00	0.00012	-210.00	-9.00	0.00013
-210.00	-11.00	0.00013	-210.00	-13.00	0.00013
-210.00	-15.00	0.00013	-210.00	-17.00	0.00013
-210.00	-20.00	0.00013	-210.00	-25.00	0.00014
-210.00	-30.00	0.00014	-210.00	-40.00	0.00014
-210.00	-50.00	0.00015	-210.00	-60.00	0.00015
-210.00	-70.00	0.00015	-210.00	-80.00	0.00016
-210.00	-90.00	0.00016	-210.00	-100.00	0.00017
-200.00	100.00	0.00007	-200.00	90.00	0.00007
-200.00	80.00	0.00008	-200.00	70.00	0.00008
-200.00	60.00	0.00009	-200.00	50.00	0.00010
-200.00	40.00	0.00010	-200.00	30.00	0.00011
-200.00	25.00	0.00012	-200.00	20.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTS:
 PAGE 45

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00012	-200.00	15.00	0.00012
-200.00	13.00	0.00012	-200.00	11.00	0.00013
-200.00	9.00	0.00013	-200.00	-9.00	0.00014
-200.00	-11.00	0.00014	-200.00	-13.00	0.00014
-200.00	-15.00	0.00014	-200.00	-17.00	0.00014
-200.00	-20.00	0.00014	-200.00	-25.00	0.00015
-200.00	-30.00	0.00015	-200.00	-40.00	0.00015
-200.00	-50.00	0.00016	-200.00	-60.00	0.00016

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-200.00	-70.00	0.00017	-200.00	-80.00	0.00017
-200.00	-90.00	0.00018	-200.00	-100.00	0.00018
-190.00	100.00	0.00007	-190.00	90.00	0.00008
-190.00	80.00	0.00008	-190.00	70.00	0.00009
-190.00	60.00	0.00009	-190.00	50.00	0.00010
-190.00	40.00	0.00011	-190.00	30.00	0.00012
-190.00	25.00	0.00012	-190.00	20.00	0.00013
-190.00	17.00	0.00013	-190.00	15.00	0.00013
-190.00	13.00	0.00013	-190.00	11.00	0.00013
-190.00	9.00	0.00013	-190.00	-9.00	0.00015
-190.00	-11.00	0.00015	-190.00	-13.00	0.00015
-190.00	-15.00	0.00015	-190.00	-17.00	0.00015
-190.00	-20.00	0.00015	-190.00	-25.00	0.00016
-190.00	-30.00	0.00016	-190.00	-40.00	0.00016
-190.00	-50.00	0.00017	-190.00	-60.00	0.00017
-190.00	-70.00	0.00018	-190.00	-80.00	0.00018
-190.00	-90.00	0.00019	-190.00	-100.00	0.00019
-180.00	100.00	0.00008	-180.00	90.00	0.00008
-180.00	80.00	0.00008	-180.00	70.00	0.00009
-180.00	60.00	0.00010	-180.00	50.00	0.00011
-180.00	40.00	0.00012	-180.00	30.00	0.00013
-180.00	25.00	0.00013	-180.00	20.00	0.00013
-180.00	17.00	0.00014	-180.00	15.00	0.00014
-180.00	13.00	0.00014	-180.00	11.00	0.00014
-180.00	9.00	0.00014	-180.00	-9.00	0.00016
-180.00	-11.00	0.00016	-180.00	-13.00	0.00016
-180.00	-15.00	0.00016	-180.00	-17.00	0.00016
-180.00	-20.00	0.00017	-180.00	-25.00	0.00017
-180.00	-30.00	0.00017	-180.00	-40.00	0.00018
-180.00	-50.00	0.00018	-180.00	-60.00	0.00019
-180.00	-70.00	0.00019	-180.00	-80.00	0.00020
-180.00	-90.00	0.00020	-180.00	-100.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTS:
 PAGE 46
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00008	-170.00	90.00	0.00009
-170.00	80.00	0.00009	-170.00	70.00	0.00010

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-170.00	60.00	0.00010	-170.00	50.00	0.00011
-170.00	40.00	0.00012	-170.00	30.00	0.00013
-170.00	25.00	0.00014	-170.00	20.00	0.00014
-170.00	17.00	0.00015	-170.00	15.00	0.00015
-170.00	13.00	0.00015	-170.00	11.00	0.00015
-170.00	9.00	0.00015	-170.00	-9.00	0.00017
-170.00	-11.00	0.00017	-170.00	-13.00	0.00017
-170.00	-15.00	0.00017	-170.00	-17.00	0.00018
-170.00	-20.00	0.00018	-170.00	-25.00	0.00018
-170.00	-30.00	0.00018	-170.00	-40.00	0.00019
-170.00	-50.00	0.00020	-170.00	-60.00	0.00020
-170.00	-70.00	0.00021	-170.00	-80.00	0.00021
-170.00	-90.00	0.00022	-170.00	-100.00	0.00023
-160.00	100.00	0.00009	-160.00	90.00	0.00009
-160.00	80.00	0.00009	-160.00	70.00	0.00010
-160.00	60.00	0.00011	-160.00	50.00	0.00012
-160.00	40.00	0.00013	-160.00	30.00	0.00014
-160.00	25.00	0.00015	-160.00	20.00	0.00015
-160.00	17.00	0.00016	-160.00	15.00	0.00016
-160.00	13.00	0.00016	-160.00	11.00	0.00016
-160.00	9.00	0.00016	-160.00	-9.00	0.00018
-160.00	-11.00	0.00018	-160.00	-13.00	0.00019
-160.00	-15.00	0.00019	-160.00	-17.00	0.00019
-160.00	-20.00	0.00019	-160.00	-25.00	0.00020
-160.00	-30.00	0.00020	-160.00	-40.00	0.00021
-160.00	-50.00	0.00021	-160.00	-60.00	0.00022
-160.00	-70.00	0.00023	-160.00	-80.00	0.00023
-160.00	-90.00	0.00024	-160.00	-100.00	0.00025
-150.00	100.00	0.00009	-150.00	90.00	0.00010
-150.00	80.00	0.00010	-150.00	70.00	0.00011
-150.00	60.00	0.00011	-150.00	50.00	0.00013
-150.00	40.00	0.00014	-150.00	30.00	0.00015
-150.00	25.00	0.00016	-150.00	20.00	0.00016
-150.00	17.00	0.00017	-150.00	15.00	0.00017
-150.00	13.00	0.00017	-150.00	11.00	0.00018
-150.00	9.00	0.00018	-150.00	-9.00	0.00020
-150.00	-11.00	0.00020	-150.00	-13.00	0.00020
-150.00	-15.00	0.00020	-150.00	-17.00	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***

06NCRA NAPA94-300_DPM_TRAV ANN E-W Bound
 INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00021	-150.00	-25.00	0.00021
-150.00	-30.00	0.00022	-150.00	-40.00	0.00022
-150.00	-50.00	0.00023	-150.00	-60.00	0.00024
-150.00	-70.00	0.00025	-150.00	-80.00	0.00025
-150.00	-90.00	0.00026	-150.00	-100.00	0.00027
-140.00	100.00	0.00010	-140.00	90.00	0.00010
-140.00	80.00	0.00011	-140.00	70.00	0.00011
-140.00	60.00	0.00012	-140.00	50.00	0.00013
-140.00	40.00	0.00015	-140.00	30.00	0.00016
-140.00	25.00	0.00017	-140.00	20.00	0.00018
-140.00	17.00	0.00018	-140.00	15.00	0.00018
-140.00	13.00	0.00019	-140.00	11.00	0.00019
-140.00	9.00	0.00019	-140.00	-9.00	0.00021
-140.00	-11.00	0.00022	-140.00	-13.00	0.00022
-140.00	-15.00	0.00022	-140.00	-17.00	0.00022
-140.00	-20.00	0.00023	-140.00	-25.00	0.00023
-140.00	-30.00	0.00023	-140.00	-40.00	0.00024
-140.00	-50.00	0.00025	-140.00	-60.00	0.00026
-140.00	-70.00	0.00027	-140.00	-80.00	0.00028
-140.00	-90.00	0.00029	-140.00	-100.00	0.00029
-130.00	100.00	0.00011	-130.00	90.00	0.00011
-130.00	80.00	0.00011	-130.00	70.00	0.00012
-130.00	60.00	0.00013	-130.00	50.00	0.00014
-130.00	40.00	0.00016	-130.00	30.00	0.00017
-130.00	25.00	0.00018	-130.00	20.00	0.00019
-130.00	17.00	0.00020	-130.00	15.00	0.00020
-130.00	13.00	0.00020	-130.00	11.00	0.00020
-130.00	9.00	0.00021	-130.00	-9.00	0.00023
-130.00	-11.00	0.00023	-130.00	-13.00	0.00024
-130.00	-15.00	0.00024	-130.00	-17.00	0.00024
-130.00	-20.00	0.00025	-130.00	-25.00	0.00025
-130.00	-30.00	0.00026	-130.00	-40.00	0.00026
-130.00	-50.00	0.00027	-130.00	-60.00	0.00028
-130.00	-70.00	0.00030	-130.00	-80.00	0.00031
-130.00	-90.00	0.00031	-130.00	-100.00	0.00032
-120.00	100.00	0.00012	-120.00	90.00	0.00012
-120.00	80.00	0.00012	-120.00	70.00	0.00013
-120.00	60.00	0.00014	-120.00	50.00	0.00015
-120.00	40.00	0.00017	-120.00	30.00	0.00019
-120.00	25.00	0.00020	-120.00	20.00	0.00021

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

17:08:00

**MODELOPTS:

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*** Maximum train overlap at East/West Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00021	-120.00	15.00	0.00021
-120.00	13.00	0.00022	-120.00	11.00	0.00022
-120.00	9.00	0.00022	-120.00	-9.00	0.00025
-120.00	-11.00	0.00026	-120.00	-13.00	0.00026
-120.00	-15.00	0.00026	-120.00	-17.00	0.00026
-120.00	-20.00	0.00027	-120.00	-25.00	0.00027
-120.00	-30.00	0.00028	-120.00	-40.00	0.00029
-120.00	-50.00	0.00030	-120.00	-60.00	0.00031
-120.00	-70.00	0.00033	-120.00	-80.00	0.00034
-120.00	-90.00	0.00034	-120.00	-100.00	0.00034
-110.00	100.00	0.00013	-110.00	90.00	0.00013
-110.00	80.00	0.00013	-110.00	70.00	0.00014
-110.00	60.00	0.00015	-110.00	50.00	0.00016
-110.00	40.00	0.00018	-110.00	30.00	0.00020
-110.00	25.00	0.00021	-110.00	20.00	0.00022
-110.00	17.00	0.00023	-110.00	15.00	0.00023
-110.00	13.00	0.00024	-110.00	11.00	0.00024
-110.00	9.00	0.00025	-110.00	-9.00	0.00028
-110.00	-11.00	0.00028	-110.00	-13.00	0.00028
-110.00	-15.00	0.00029	-110.00	-17.00	0.00029
-110.00	-20.00	0.00030	-110.00	-25.00	0.00030
-110.00	-30.00	0.00031	-110.00	-40.00	0.00032
-110.00	-50.00	0.00033	-110.00	-60.00	0.00035
-110.00	-70.00	0.00036	-110.00	-80.00	0.00037
-110.00	-90.00	0.00038	-110.00	-100.00	0.00038
-100.00	100.00	0.00014	-100.00	90.00	0.00014
-100.00	80.00	0.00014	-100.00	70.00	0.00015
-100.00	60.00	0.00016	-100.00	50.00	0.00017
-100.00	40.00	0.00019	-100.00	30.00	0.00022
-100.00	25.00	0.00023	-100.00	20.00	0.00024
-100.00	17.00	0.00025	-100.00	15.00	0.00025
-100.00	13.00	0.00026	-100.00	11.00	0.00026
-100.00	9.00	0.00027	-100.00	-9.00	0.00031
-100.00	-11.00	0.00031	-100.00	-13.00	0.00031

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-100.00	-15.00	0.00032	-100.00	-17.00	0.00032
-100.00	-20.00	0.00033	-100.00	-25.00	0.00033
-100.00	-30.00	0.00034	-100.00	-40.00	0.00036
-100.00	-50.00	0.00037	-100.00	-60.00	0.00039
-100.00	-70.00	0.00040	-100.00	-80.00	0.00041
-100.00	-90.00	0.00041	-100.00	-100.00	0.00041

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00015	-90.00	90.00	0.00015
-90.00	80.00	0.00016	-90.00	70.00	0.00016
-90.00	60.00	0.00017	-90.00	50.00	0.00018
-90.00	40.00	0.00021	-90.00	30.00	0.00023
-90.00	25.00	0.00025	-90.00	20.00	0.00026
-90.00	17.00	0.00027	-90.00	15.00	0.00028
-90.00	13.00	0.00028	-90.00	11.00	0.00029
-90.00	9.00	0.00030	-90.00	-9.00	0.00034
-90.00	-11.00	0.00034	-90.00	-13.00	0.00035
-90.00	-15.00	0.00035	-90.00	-17.00	0.00036
-90.00	-20.00	0.00036	-90.00	-25.00	0.00037
-90.00	-30.00	0.00038	-90.00	-40.00	0.00040
-90.00	-50.00	0.00042	-90.00	-60.00	0.00043
-90.00	-70.00	0.00045	-90.00	-80.00	0.00046
-90.00	-90.00	0.00046	-90.00	-100.00	0.00045
-80.00	100.00	0.00017	-80.00	90.00	0.00017
-80.00	80.00	0.00017	-80.00	70.00	0.00018
-80.00	60.00	0.00019	-80.00	50.00	0.00020
-80.00	40.00	0.00022	-80.00	30.00	0.00025
-80.00	25.00	0.00027	-80.00	20.00	0.00029
-80.00	17.00	0.00030	-80.00	15.00	0.00031
-80.00	13.00	0.00031	-80.00	11.00	0.00032
-80.00	9.00	0.00033	-80.00	-9.00	0.00038
-80.00	-11.00	0.00038	-80.00	-13.00	0.00039
-80.00	-15.00	0.00039	-80.00	-17.00	0.00040
-80.00	-20.00	0.00041	-80.00	-25.00	0.00042
-80.00	-30.00	0.00043	-80.00	-40.00	0.00045
-80.00	-50.00	0.00047	-80.00	-60.00	0.00049

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-80.00	-70.00	0.00050	-80.00	-80.00	0.00051
-80.00	-90.00	0.00051	-80.00	-100.00	0.00050
-70.00	100.00	0.00018	-70.00	90.00	0.00019
-70.00	80.00	0.00019	-70.00	70.00	0.00020
-70.00	60.00	0.00020	-70.00	50.00	0.00022
-70.00	40.00	0.00024	-70.00	30.00	0.00028
-70.00	25.00	0.00030	-70.00	20.00	0.00032
-70.00	17.00	0.00033	-70.00	15.00	0.00034
-70.00	13.00	0.00035	-70.00	11.00	0.00035
-70.00	9.00	0.00036	-70.00	-9.00	0.00043
-70.00	-11.00	0.00043	-70.00	-13.00	0.00044
-70.00	-15.00	0.00044	-70.00	-17.00	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

17:08:00

**MODELOPTs:

PAGE 50

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00046	-70.00	-25.00	0.00047
-70.00	-30.00	0.00048	-70.00	-40.00	0.00051
-70.00	-50.00	0.00053	-70.00	-60.00	0.00056
-70.00	-70.00	0.00057	-70.00	-80.00	0.00057
-70.00	-90.00	0.00056	-70.00	-100.00	0.00055
-60.00	100.00	0.00020	-60.00	90.00	0.00021
-60.00	80.00	0.00021	-60.00	70.00	0.00022
-60.00	60.00	0.00023	-60.00	50.00	0.00024
-60.00	40.00	0.00026	-60.00	30.00	0.00030
-60.00	25.00	0.00032	-60.00	20.00	0.00035
-60.00	17.00	0.00037	-60.00	15.00	0.00038
-60.00	13.00	0.00039	-60.00	11.00	0.00039
-60.00	9.00	0.00040	-60.00	-9.00	0.00048
-60.00	-11.00	0.00049	-60.00	-13.00	0.00050
-60.00	-15.00	0.00050	-60.00	-17.00	0.00051
-60.00	-20.00	0.00052	-60.00	-25.00	0.00053
-60.00	-30.00	0.00055	-60.00	-40.00	0.00058
-60.00	-50.00	0.00061	-60.00	-60.00	0.00063
-60.00	-70.00	0.00064	-60.00	-80.00	0.00064
-60.00	-90.00	0.00063	-60.00	-100.00	0.00061
-50.00	100.00	0.00023	-50.00	90.00	0.00023
-50.00	80.00	0.00024	-50.00	70.00	0.00025

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-50.00	60.00	0.00025	-50.00	50.00	0.00027
-50.00	40.00	0.00029	-50.00	30.00	0.00033
-50.00	25.00	0.00036	-50.00	20.00	0.00039
-50.00	17.00	0.00041	-50.00	15.00	0.00042
-50.00	13.00	0.00043	-50.00	11.00	0.00044
-50.00	9.00	0.00045	-50.00	-9.00	0.00055
-50.00	-11.00	0.00056	-50.00	-13.00	0.00057
-50.00	-15.00	0.00057	-50.00	-17.00	0.00058
-50.00	-20.00	0.00059	-50.00	-25.00	0.00061
-50.00	-30.00	0.00063	-50.00	-40.00	0.00067
-50.00	-50.00	0.00071	-50.00	-60.00	0.00072
-50.00	-70.00	0.00073	-50.00	-80.00	0.00072
-50.00	-90.00	0.00070	-50.00	-100.00	0.00068
-40.00	100.00	0.00025	-40.00	90.00	0.00026
-40.00	80.00	0.00027	-40.00	70.00	0.00028
-40.00	60.00	0.00029	-40.00	50.00	0.00030
-40.00	40.00	0.00032	-40.00	30.00	0.00036
-40.00	25.00	0.00039	-40.00	20.00	0.00043

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00045	-40.00	15.00	0.00047
-40.00	13.00	0.00048	-40.00	11.00	0.00050
-40.00	9.00	0.00051	-40.00	-9.00	0.00063
-40.00	-11.00	0.00064	-40.00	-13.00	0.00065
-40.00	-15.00	0.00066	-40.00	-17.00	0.00067
-40.00	-20.00	0.00069	-40.00	-25.00	0.00071
-40.00	-30.00	0.00073	-40.00	-40.00	0.00078
-40.00	-50.00	0.00082	-40.00	-60.00	0.00083
-40.00	-70.00	0.00083	-40.00	-80.00	0.00081
-40.00	-90.00	0.00079	-40.00	-100.00	0.00076
-30.00	100.00	0.00028	-30.00	90.00	0.00030
-30.00	80.00	0.00031	-30.00	70.00	0.00032
-30.00	60.00	0.00033	-30.00	50.00	0.00034
-30.00	40.00	0.00036	-30.00	30.00	0.00040
-30.00	25.00	0.00044	-30.00	20.00	0.00048
-30.00	17.00	0.00051	-30.00	15.00	0.00053

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-30.00	13.00	0.00055	-30.00	11.00	0.00056
-30.00	9.00	0.00058	-30.00	-9.00	0.00073
-30.00	-11.00	0.00075	-30.00	-13.00	0.00076
-30.00	-15.00	0.00077	-30.00	-17.00	0.00079
-30.00	-20.00	0.00080	-30.00	-25.00	0.00083
-30.00	-30.00	0.00087	-30.00	-40.00	0.00092
-30.00	-50.00	0.00095	-30.00	-60.00	0.00096
-30.00	-70.00	0.00095	-30.00	-80.00	0.00092
-30.00	-90.00	0.00089	-30.00	-100.00	0.00085
-20.00	100.00	0.00032	-20.00	90.00	0.00034
-20.00	80.00	0.00035	-20.00	70.00	0.00036
-20.00	60.00	0.00038	-20.00	50.00	0.00039
-20.00	40.00	0.00041	-20.00	30.00	0.00045
-20.00	25.00	0.00049	-20.00	20.00	0.00053
-20.00	17.00	0.00057	-20.00	15.00	0.00059
-20.00	13.00	0.00062	-20.00	11.00	0.00064
-20.00	9.00	0.00067	-20.00	-9.00	0.00086
-20.00	-11.00	0.00088	-20.00	-13.00	0.00090
-20.00	-15.00	0.00091	-20.00	-17.00	0.00093
-20.00	-20.00	0.00095	-20.00	-25.00	0.00100
-20.00	-30.00	0.00104	-20.00	-40.00	0.00110
-20.00	-50.00	0.00112	-20.00	-60.00	0.00112
-20.00	-70.00	0.00109	-20.00	-80.00	0.00105
-20.00	-90.00	0.00100	-20.00	-100.00	0.00094

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 52
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00037	-10.00	90.00	0.00039
-10.00	80.00	0.00041	-10.00	70.00	0.00042
-10.00	60.00	0.00044	-10.00	50.00	0.00046
-10.00	40.00	0.00048	-10.00	30.00	0.00051
-10.00	25.00	0.00055	-10.00	20.00	0.00060
-10.00	17.00	0.00064	-10.00	15.00	0.00067
-10.00	13.00	0.00070	-10.00	11.00	0.00073
-10.00	9.00	0.00077	-10.00	-9.00	0.00103
-10.00	-11.00	0.00105	-10.00	-13.00	0.00107
-10.00	-15.00	0.00109	-10.00	-17.00	0.00112

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-10.00	-20.00	0.00115	-10.00	-25.00	0.00121
-10.00	-30.00	0.00126	-10.00	-40.00	0.00132
-10.00	-50.00	0.00133	-10.00	-60.00	0.00131
-10.00	-70.00	0.00126	-10.00	-80.00	0.00119
-10.00	-90.00	0.00112	-10.00	-100.00	0.00105
0.00	100.00	0.00044	0.00	90.00	0.00046
0.00	80.00	0.00048	0.00	70.00	0.00050
0.00	60.00	0.00052	0.00	50.00	0.00054
0.00	40.00	0.00056	0.00	30.00	0.00060
0.00	25.00	0.00063	0.00	20.00	0.00068
0.00	17.00	0.00072	0.00	15.00	0.00076
0.00	13.00	0.00080	0.00	11.00	0.00084
0.00	9.00	0.00088	0.00	-9.00	0.00124
0.00	-11.00	0.00127	0.00	-13.00	0.00130
0.00	-15.00	0.00133	0.00	-17.00	0.00137
0.00	-20.00	0.00141	0.00	-25.00	0.00149
0.00	-30.00	0.00154	0.00	-40.00	0.00159
0.00	-50.00	0.00158	0.00	-60.00	0.00153
0.00	-70.00	0.00145	0.00	-80.00	0.00135
0.00	-90.00	0.00126	0.00	-100.00	0.00116
10.00	100.00	0.00052	10.00	90.00	0.00055
10.00	80.00	0.00058	10.00	70.00	0.00060
10.00	60.00	0.00063	10.00	50.00	0.00065
10.00	40.00	0.00067	10.00	30.00	0.00071
10.00	25.00	0.00074	10.00	20.00	0.00078
10.00	17.00	0.00083	10.00	15.00	0.00087
10.00	13.00	0.00091	10.00	11.00	0.00096
10.00	9.00	0.00102	10.00	-9.00	0.00152
10.00	-11.00	0.00156	10.00	-13.00	0.00161
10.00	-15.00	0.00166	10.00	-17.00	0.00171

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00177	10.00	-25.00	0.00185
10.00	-30.00	0.00191	10.00	-40.00	0.00194
10.00	-50.00	0.00189	10.00	-60.00	0.00178
10.00	-70.00	0.00166	10.00	-80.00	0.00153

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

10.00	-90.00	0.00140	10.00	-100.00	0.00127
20.00	100.00	0.00064	20.00	90.00	0.00068
20.00	80.00	0.00072	20.00	70.00	0.00076
20.00	60.00	0.00079	20.00	50.00	0.00082
20.00	40.00	0.00084	20.00	30.00	0.00086
20.00	25.00	0.00088	20.00	20.00	0.00093
20.00	17.00	0.00097	20.00	15.00	0.00100
20.00	13.00	0.00105	20.00	11.00	0.00110
20.00	9.00	0.00117	20.00	-9.00	0.00191
20.00	-11.00	0.00198	20.00	-13.00	0.00205
20.00	-15.00	0.00212	20.00	-17.00	0.00218
20.00	-20.00	0.00225	20.00	-25.00	0.00234
20.00	-30.00	0.00238	20.00	-40.00	0.00236
20.00	-50.00	0.00224	20.00	-60.00	0.00207
20.00	-70.00	0.00188	20.00	-80.00	0.00170
20.00	-90.00	0.00153	20.00	-100.00	0.00137
30.00	100.00	0.00080	30.00	90.00	0.00087
30.00	80.00	0.00093	30.00	70.00	0.00100
30.00	60.00	0.00106	30.00	50.00	0.00111
30.00	40.00	0.00113	30.00	30.00	0.00113
30.00	25.00	0.00113	30.00	20.00	0.00115
30.00	17.00	0.00117	30.00	15.00	0.00120
30.00	13.00	0.00124	30.00	11.00	0.00130
30.00	9.00	0.00137	30.00	-9.00	0.00250
30.00	-11.00	0.00260	30.00	-13.00	0.00270
30.00	-15.00	0.00277	30.00	-17.00	0.00284
30.00	-20.00	0.00291	30.00	-25.00	0.00298
30.00	-30.00	0.00298	30.00	-40.00	0.00285
30.00	-50.00	0.00262	30.00	-60.00	0.00235
30.00	-70.00	0.00209	30.00	-80.00	0.00185
30.00	-90.00	0.00164	30.00	-100.00	0.00145
40.00	100.00	0.00099	40.00	90.00	0.00109
40.00	80.00	0.00121	40.00	70.00	0.00134
40.00	60.00	0.00148	40.00	50.00	0.00162
40.00	40.00	0.00175	40.00	30.00	0.00181
40.00	25.00	0.00181	40.00	20.00	0.00178

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

06NCRA_NAPA94-300_DPM_TRAV ANN E-W Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00175	40.00	15.00	0.00174
40.00	13.00	0.00173	40.00	11.00	0.00174
40.00	9.00	0.00178	40.00	-9.00	0.00359
40.00	-11.00	0.00367	40.00	-13.00	0.00373
40.00	-15.00	0.00376	40.00	-17.00	0.00378
40.00	-20.00	0.00378	40.00	-25.00	0.00373
40.00	-30.00	0.00362	40.00	-40.00	0.00331
40.00	-50.00	0.00294	40.00	-60.00	0.00258
40.00	-70.00	0.00225	40.00	-80.00	0.00196
40.00	-90.00	0.00171	40.00	-100.00	0.00149
50.00	100.00	0.00119	50.00	90.00	0.00133
50.00	80.00	0.00150	50.00	70.00	0.00171
50.00	60.00	0.00196	50.00	50.00	0.00225
50.00	40.00	0.00258	50.00	30.00	0.00296
50.00	25.00	0.00315	50.00	20.00	0.00335
50.00	17.00	0.00347	50.00	15.00	0.00356
50.00	13.00	0.00366	50.00	11.00	0.00379
50.00	9.00	0.00396	50.00	-9.00	0.00476
50.00	-11.00	0.00466	50.00	-13.00	0.00460
50.00	-15.00	0.00454	50.00	-17.00	0.00449
50.00	-20.00	0.00440	50.00	-25.00	0.00423
50.00	-30.00	0.00403	50.00	-40.00	0.00359
50.00	-50.00	0.00313	50.00	-60.00	0.00270
50.00	-70.00	0.00233	50.00	-80.00	0.00201
50.00	-90.00	0.00173	50.00	-100.00	0.00150
60.00	100.00	0.00136	60.00	90.00	0.00155
60.00	80.00	0.00177	60.00	70.00	0.00204
60.00	60.00	0.00237	60.00	50.00	0.00276
60.00	40.00	0.00324	60.00	30.00	0.00378
60.00	25.00	0.00406	60.00	20.00	0.00434
60.00	17.00	0.00450	60.00	15.00	0.00459
60.00	13.00	0.00468	60.00	11.00	0.00477
60.00	9.00	0.00488	60.00	-9.00	0.00496
60.00	-11.00	0.00486	60.00	-13.00	0.00479
60.00	-15.00	0.00473	60.00	-17.00	0.00467
60.00	-20.00	0.00458	60.00	-25.00	0.00439
60.00	-30.00	0.00418	60.00	-40.00	0.00369
60.00	-50.00	0.00319	60.00	-60.00	0.00274
60.00	-70.00	0.00234	60.00	-80.00	0.00200
60.00	-90.00	0.00171	60.00	-100.00	0.00148

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:08:00

**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00151	70.00	90.00	0.00172
70.00	80.00	0.00198	70.00	70.00	0.00229
70.00	60.00	0.00267	70.00	50.00	0.00313
70.00	40.00	0.00367	70.00	30.00	0.00427
70.00	25.00	0.00457	70.00	20.00	0.00483
70.00	17.00	0.00496	70.00	15.00	0.00503
70.00	13.00	0.00509	70.00	11.00	0.00514
70.00	9.00	0.00520	70.00	-9.00	0.00498
70.00	-11.00	0.00488	70.00	-13.00	0.00481
70.00	-15.00	0.00475	70.00	-17.00	0.00468
70.00	-20.00	0.00458	70.00	-25.00	0.00439
70.00	-30.00	0.00416	70.00	-40.00	0.00365
70.00	-50.00	0.00314	70.00	-60.00	0.00268
70.00	-70.00	0.00228	70.00	-80.00	0.00194
70.00	-90.00	0.00165	70.00	-100.00	0.00142
80.00	100.00	0.00161	80.00	90.00	0.00184
80.00	80.00	0.00213	80.00	70.00	0.00247
80.00	60.00	0.00288	80.00	50.00	0.00337
80.00	40.00	0.00394	80.00	30.00	0.00455
80.00	25.00	0.00483	80.00	20.00	0.00506
80.00	17.00	0.00517	80.00	15.00	0.00522
80.00	13.00	0.00525	80.00	11.00	0.00528
80.00	9.00	0.00532	80.00	-9.00	0.00491
80.00	-11.00	0.00480	80.00	-13.00	0.00472
80.00	-15.00	0.00465	80.00	-17.00	0.00458
80.00	-20.00	0.00447	80.00	-25.00	0.00426
80.00	-30.00	0.00402	80.00	-40.00	0.00351
80.00	-50.00	0.00300	80.00	-60.00	0.00254
80.00	-70.00	0.00215	80.00	-80.00	0.00182
80.00	-90.00	0.00155	80.00	-100.00	0.00133
90.00	100.00	0.00167	90.00	90.00	0.00192
90.00	80.00	0.00222	90.00	70.00	0.00258
90.00	60.00	0.00300	90.00	50.00	0.00351
90.00	40.00	0.00407	90.00	30.00	0.00467
90.00	25.00	0.00494	90.00	20.00	0.00516
90.00	17.00	0.00524	90.00	15.00	0.00528

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

90.00	13.00	0.00531	90.00	11.00	0.00532
90.00	9.00	0.00533	90.00	-9.00	0.00475
90.00	-11.00	0.00463	90.00	-13.00	0.00453
90.00	-15.00	0.00445	90.00	-17.00	0.00437

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00425	90.00	-25.00	0.00402
90.00	-30.00	0.00378	90.00	-40.00	0.00327
90.00	-50.00	0.00277	90.00	-60.00	0.00234
90.00	-70.00	0.00197	90.00	-80.00	0.00166
90.00	-90.00	0.00142	90.00	-100.00	0.00121
100.00	100.00	0.00169	100.00	90.00	0.00194
100.00	80.00	0.00225	100.00	70.00	0.00261
100.00	60.00	0.00304	100.00	50.00	0.00354
100.00	40.00	0.00411	100.00	30.00	0.00469
100.00	25.00	0.00495	100.00	20.00	0.00516
100.00	17.00	0.00524	100.00	15.00	0.00527
100.00	13.00	0.00528	100.00	11.00	0.00528
100.00	9.00	0.00527	100.00	-9.00	0.00449
100.00	-11.00	0.00435	100.00	-13.00	0.00424
100.00	-15.00	0.00414	100.00	-17.00	0.00404
100.00	-20.00	0.00390	100.00	-25.00	0.00366
100.00	-30.00	0.00342	100.00	-40.00	0.00292
100.00	-50.00	0.00247	100.00	-60.00	0.00207
100.00	-70.00	0.00174	100.00	-80.00	0.00147
100.00	-90.00	0.00125	100.00	-100.00	0.00108
110.00	100.00	0.00165	110.00	90.00	0.00190
110.00	80.00	0.00220	110.00	70.00	0.00255
110.00	60.00	0.00298	110.00	50.00	0.00348
110.00	40.00	0.00404	110.00	30.00	0.00462
110.00	25.00	0.00487	110.00	20.00	0.00508
110.00	17.00	0.00516	110.00	15.00	0.00519
110.00	13.00	0.00519	110.00	11.00	0.00517
110.00	9.00	0.00515	110.00	-9.00	0.00409
110.00	-11.00	0.00392	110.00	-13.00	0.00379
110.00	-15.00	0.00367	110.00	-17.00	0.00355

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

110.00	-20.00	0.00340	110.00	-25.00	0.00315
110.00	-30.00	0.00291	110.00	-40.00	0.00247
110.00	-50.00	0.00208	110.00	-60.00	0.00175
110.00	-70.00	0.00147	110.00	-80.00	0.00125
110.00	-90.00	0.00107	110.00	-100.00	0.00093
120.00	100.00	0.00156	120.00	90.00	0.00178
120.00	80.00	0.00205	120.00	70.00	0.00238
120.00	60.00	0.00278	120.00	50.00	0.00325
120.00	40.00	0.00380	120.00	30.00	0.00439
120.00	25.00	0.00467	120.00	20.00	0.00490

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00498	120.00	15.00	0.00500
120.00	13.00	0.00501	120.00	11.00	0.00499
120.00	9.00	0.00496	120.00	-9.00	0.00348
120.00	-11.00	0.00327	120.00	-13.00	0.00311
120.00	-15.00	0.00297	120.00	-17.00	0.00285
120.00	-20.00	0.00269	120.00	-25.00	0.00246
120.00	-30.00	0.00226	120.00	-40.00	0.00192
120.00	-50.00	0.00163	120.00	-60.00	0.00140
120.00	-70.00	0.00120	120.00	-80.00	0.00104
120.00	-90.00	0.00090	120.00	-100.00	0.00079
130.00	100.00	0.00141	130.00	90.00	0.00160
130.00	80.00	0.00182	130.00	70.00	0.00208
130.00	60.00	0.00240	130.00	50.00	0.00278
130.00	40.00	0.00322	130.00	30.00	0.00373
130.00	25.00	0.00400	130.00	20.00	0.00426
130.00	17.00	0.00439	130.00	15.00	0.00446
130.00	13.00	0.00451	130.00	11.00	0.00454
130.00	9.00	0.00454	130.00	-9.00	0.00234
130.00	-11.00	0.00215	130.00	-13.00	0.00201
130.00	-15.00	0.00192	130.00	-17.00	0.00184
130.00	-20.00	0.00175	130.00	-25.00	0.00163
130.00	-30.00	0.00154	130.00	-40.00	0.00137
130.00	-50.00	0.00122	130.00	-60.00	0.00108
130.00	-70.00	0.00096	130.00	-80.00	0.00085

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

130.00	-90.00	0.00075	130.00	-100.00	0.00067
140.00	100.00	0.00124	140.00	90.00	0.00138
140.00	80.00	0.00155	140.00	70.00	0.00173
140.00	60.00	0.00194	140.00	50.00	0.00216
140.00	40.00	0.00239	140.00	30.00	0.00259
140.00	25.00	0.00266	140.00	20.00	0.00268
140.00	17.00	0.00265	140.00	15.00	0.00261
140.00	13.00	0.00254	140.00	11.00	0.00245
140.00	9.00	0.00232	140.00	-9.00	0.00109
140.00	-11.00	0.00107	140.00	-13.00	0.00106
140.00	-15.00	0.00105	140.00	-17.00	0.00105
140.00	-20.00	0.00104	140.00	-25.00	0.00103
140.00	-30.00	0.00101	140.00	-40.00	0.00097
140.00	-50.00	0.00091	140.00	-60.00	0.00083
140.00	-70.00	0.00076	140.00	-80.00	0.00069
140.00	-90.00	0.00063	140.00	-100.00	0.00057

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

17:08:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00107	150.00	90.00	0.00117
150.00	80.00	0.00129	150.00	70.00	0.00141
150.00	60.00	0.00153	150.00	50.00	0.00164
150.00	40.00	0.00172	150.00	30.00	0.00175
150.00	25.00	0.00172	150.00	20.00	0.00165
150.00	17.00	0.00158	150.00	15.00	0.00153
150.00	13.00	0.00147	150.00	11.00	0.00140
150.00	9.00	0.00133	150.00	-9.00	0.00077
150.00	-11.00	0.00076	150.00	-13.00	0.00074
150.00	-15.00	0.00074	150.00	-17.00	0.00073
150.00	-20.00	0.00073	150.00	-25.00	0.00073
150.00	-30.00	0.00072	150.00	-40.00	0.00071
150.00	-50.00	0.00068	150.00	-60.00	0.00064
150.00	-70.00	0.00060	150.00	-80.00	0.00056
150.00	-90.00	0.00052	150.00	-100.00	0.00048
160.00	100.00	0.00091	160.00	90.00	0.00099
160.00	80.00	0.00106	160.00	70.00	0.00114
160.00	60.00	0.00120	160.00	50.00	0.00124

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

160.00	40.00	0.00125	160.00	30.00	0.00122
160.00	25.00	0.00117	160.00	20.00	0.00111
160.00	17.00	0.00106	160.00	15.00	0.00102
160.00	13.00	0.00099	160.00	11.00	0.00095
160.00	9.00	0.00091	160.00	-9.00	0.00061
160.00	-11.00	0.00059	160.00	-13.00	0.00057
160.00	-15.00	0.00056	160.00	-17.00	0.00056
160.00	-20.00	0.00055	160.00	-25.00	0.00055
160.00	-30.00	0.00055	160.00	-40.00	0.00055
160.00	-50.00	0.00053	160.00	-60.00	0.00051
160.00	-70.00	0.00048	160.00	-80.00	0.00046
160.00	-90.00	0.00043	160.00	-100.00	0.00040
170.00	100.00	0.00078	170.00	90.00	0.00083
170.00	80.00	0.00088	170.00	70.00	0.00092
170.00	60.00	0.00094	170.00	50.00	0.00095
170.00	40.00	0.00093	170.00	30.00	0.00088
170.00	25.00	0.00084	170.00	20.00	0.00080
170.00	17.00	0.00077	170.00	15.00	0.00075
170.00	13.00	0.00072	170.00	11.00	0.00070
170.00	9.00	0.00067	170.00	-9.00	0.00049
170.00	-11.00	0.00048	170.00	-13.00	0.00046
170.00	-15.00	0.00045	170.00	-17.00	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 59

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00044	170.00	-25.00	0.00043
170.00	-30.00	0.00043	170.00	-40.00	0.00043
170.00	-50.00	0.00043	170.00	-60.00	0.00041
170.00	-70.00	0.00040	170.00	-80.00	0.00038
170.00	-90.00	0.00036	170.00	-100.00	0.00034
180.00	100.00	0.00067	180.00	90.00	0.00070
180.00	80.00	0.00072	180.00	70.00	0.00074
180.00	60.00	0.00074	180.00	50.00	0.00074
180.00	40.00	0.00071	180.00	30.00	0.00067
180.00	25.00	0.00064	180.00	20.00	0.00061
180.00	17.00	0.00059	180.00	15.00	0.00057
180.00	13.00	0.00056	180.00	11.00	0.00054

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

180.00	9.00	0.00052	180.00	-9.00	0.00041
180.00	-11.00	0.00039	180.00	-13.00	0.00038
180.00	-15.00	0.00037	180.00	-17.00	0.00037
180.00	-20.00	0.00036	180.00	-25.00	0.00035
180.00	-30.00	0.00034	180.00	-40.00	0.00034
180.00	-50.00	0.00034	180.00	-60.00	0.00034
180.00	-70.00	0.00033	180.00	-80.00	0.00032
180.00	-90.00	0.00031	180.00	-100.00	0.00029
190.00	100.00	0.00057	190.00	90.00	0.00058
190.00	80.00	0.00060	190.00	70.00	0.00060
190.00	60.00	0.00060	190.00	50.00	0.00058
190.00	40.00	0.00056	190.00	30.00	0.00052
190.00	25.00	0.00050	190.00	20.00	0.00048
190.00	17.00	0.00046	190.00	15.00	0.00045
190.00	13.00	0.00044	190.00	11.00	0.00043
190.00	9.00	0.00042	190.00	-9.00	0.00034
190.00	-11.00	0.00033	190.00	-13.00	0.00032
190.00	-15.00	0.00031	190.00	-17.00	0.00031
190.00	-20.00	0.00030	190.00	-25.00	0.00029
190.00	-30.00	0.00028	190.00	-40.00	0.00028
190.00	-50.00	0.00028	190.00	-60.00	0.00028
190.00	-70.00	0.00028	190.00	-80.00	0.00027
190.00	-90.00	0.00026	190.00	-100.00	0.00025
200.00	100.00	0.00048	200.00	90.00	0.00049
200.00	80.00	0.00049	200.00	70.00	0.00049
200.00	60.00	0.00049	200.00	50.00	0.00047
200.00	40.00	0.00045	200.00	30.00	0.00042
200.00	25.00	0.00041	200.00	20.00	0.00039

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 60

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00037	200.00	15.00	0.00037
200.00	13.00	0.00036	200.00	11.00	0.00035
200.00	9.00	0.00034	200.00	-9.00	0.00029
200.00	-11.00	0.00028	200.00	-13.00	0.00027
200.00	-15.00	0.00027	200.00	-17.00	0.00026
200.00	-20.00	0.00025	200.00	-25.00	0.00024

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

200.00	-30.00	0.00024	200.00	-40.00	0.00023
200.00	-50.00	0.00023	200.00	-60.00	0.00023
200.00	-70.00	0.00023	200.00	-80.00	0.00023
200.00	-90.00	0.00023	200.00	-100.00	0.00022
210.00	100.00	0.00041	210.00	90.00	0.00042
210.00	80.00	0.00041	210.00	70.00	0.00041
210.00	60.00	0.00040	210.00	50.00	0.00039
210.00	40.00	0.00037	210.00	30.00	0.00035
210.00	25.00	0.00034	210.00	20.00	0.00032
210.00	17.00	0.00031	210.00	15.00	0.00030
210.00	13.00	0.00030	210.00	11.00	0.00029
210.00	9.00	0.00029	210.00	-9.00	0.00025
210.00	-11.00	0.00024	210.00	-13.00	0.00024
210.00	-15.00	0.00023	210.00	-17.00	0.00023
210.00	-20.00	0.00022	210.00	-25.00	0.00021
210.00	-30.00	0.00021	210.00	-40.00	0.00020
210.00	-50.00	0.00020	210.00	-60.00	0.00020
210.00	-70.00	0.00020	210.00	-80.00	0.00020
210.00	-90.00	0.00019	210.00	-100.00	0.00019
220.00	100.00	0.00035	220.00	90.00	0.00035
220.00	80.00	0.00035	220.00	70.00	0.00034
220.00	60.00	0.00033	220.00	50.00	0.00032
220.00	40.00	0.00031	220.00	30.00	0.00029
220.00	25.00	0.00028	220.00	20.00	0.00027
220.00	17.00	0.00026	220.00	15.00	0.00026
220.00	13.00	0.00025	220.00	11.00	0.00025
220.00	9.00	0.00024	220.00	-9.00	0.00022
220.00	-11.00	0.00021	220.00	-13.00	0.00021
220.00	-15.00	0.00020	220.00	-17.00	0.00020
220.00	-20.00	0.00019	220.00	-25.00	0.00018
220.00	-30.00	0.00018	220.00	-40.00	0.00017
220.00	-50.00	0.00017	220.00	-60.00	0.00017
220.00	-70.00	0.00017	220.00	-80.00	0.00017
220.00	-90.00	0.00017	220.00	-100.00	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

PAGE 61

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

230.00	100.00	0.00031	230.00	90.00	0.00030
230.00	80.00	0.00030	230.00	70.00	0.00029
230.00	60.00	0.00028	230.00	50.00	0.00027
230.00	40.00	0.00026	230.00	30.00	0.00025
230.00	25.00	0.00024	230.00	20.00	0.00023
230.00	17.00	0.00022	230.00	15.00	0.00022
230.00	13.00	0.00022	230.00	11.00	0.00021
230.00	9.00	0.00021	230.00	-9.00	0.00019
230.00	-11.00	0.00018	230.00	-13.00	0.00018
230.00	-15.00	0.00018	230.00	-17.00	0.00017
230.00	-20.00	0.00017	230.00	-25.00	0.00016
230.00	-30.00	0.00016	230.00	-40.00	0.00015
230.00	-50.00	0.00015	230.00	-60.00	0.00015
230.00	-70.00	0.00014	230.00	-80.00	0.00014
230.00	-90.00	0.00014	230.00	-100.00	0.00014
240.00	100.00	0.00027	240.00	90.00	0.00026
240.00	80.00	0.00026	240.00	70.00	0.00025
240.00	60.00	0.00024	240.00	50.00	0.00024
240.00	40.00	0.00023	240.00	30.00	0.00021
240.00	25.00	0.00020	240.00	20.00	0.00020
240.00	17.00	0.00019	240.00	15.00	0.00019
240.00	13.00	0.00019	240.00	11.00	0.00019
240.00	9.00	0.00018	240.00	-9.00	0.00017
240.00	-11.00	0.00016	240.00	-13.00	0.00016
240.00	-15.00	0.00016	240.00	-17.00	0.00015
240.00	-20.00	0.00015	240.00	-25.00	0.00014
240.00	-30.00	0.00014	240.00	-40.00	0.00013
240.00	-50.00	0.00013	240.00	-60.00	0.00013
240.00	-70.00	0.00013	240.00	-80.00	0.00013
240.00	-90.00	0.00013	240.00	-100.00	0.00013
250.00	100.00	0.00023	250.00	90.00	0.00023
250.00	80.00	0.00022	250.00	70.00	0.00022
250.00	60.00	0.00021	250.00	50.00	0.00021
250.00	40.00	0.00020	250.00	30.00	0.00018
250.00	25.00	0.00018	250.00	20.00	0.00017
250.00	17.00	0.00017	250.00	15.00	0.00017
250.00	13.00	0.00016	250.00	11.00	0.00016
250.00	9.00	0.00016	250.00	-9.00	0.00015
250.00	-11.00	0.00015	250.00	-13.00	0.00014
250.00	-15.00	0.00014	250.00	-17.00	0.00014

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:08:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00013	250.00	-25.00	0.00013
250.00	-30.00	0.00012	250.00	-40.00	0.00012
250.00	-50.00	0.00012	250.00	-60.00	0.00011
250.00	-70.00	0.00011	250.00	-80.00	0.00011
250.00	-90.00	0.00011	250.00	-100.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 63
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00009	-250.00	90.00	0.00009
-250.00	80.00	0.00009	-250.00	70.00	0.00010
-250.00	60.00	0.00011	-250.00	50.00	0.00012
-250.00	40.00	0.00013	-250.00	30.00	0.00014
-250.00	25.00	0.00015	-250.00	20.00	0.00015
-250.00	17.00	0.00016	-250.00	15.00	0.00016
-250.00	13.00	0.00016	-250.00	11.00	0.00016
-250.00	9.00	0.00016	-250.00	-9.00	0.00018
-250.00	-11.00	0.00018	-250.00	-13.00	0.00019
-250.00	-15.00	0.00019	-250.00	-17.00	0.00019
-250.00	-20.00	0.00019	-250.00	-25.00	0.00020
-250.00	-30.00	0.00020	-250.00	-40.00	0.00021
-250.00	-50.00	0.00021	-250.00	-60.00	0.00022
-250.00	-70.00	0.00023	-250.00	-80.00	0.00023
-250.00	-90.00	0.00024	-250.00	-100.00	0.00025
-240.00	100.00	0.00009	-240.00	90.00	0.00010
-240.00	80.00	0.00010	-240.00	70.00	0.00011
-240.00	60.00	0.00011	-240.00	50.00	0.00013
-240.00	40.00	0.00014	-240.00	30.00	0.00015
-240.00	25.00	0.00016	-240.00	20.00	0.00016
-240.00	17.00	0.00017	-240.00	15.00	0.00017
-240.00	13.00	0.00017	-240.00	11.00	0.00018
-240.00	9.00	0.00018	-240.00	-9.00	0.00020

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-240.00	-11.00	0.00020	-240.00	-13.00	0.00020
-240.00	-15.00	0.00020	-240.00	-17.00	0.00020
-240.00	-20.00	0.00021	-240.00	-25.00	0.00021
-240.00	-30.00	0.00022	-240.00	-40.00	0.00022
-240.00	-50.00	0.00023	-240.00	-60.00	0.00024
-240.00	-70.00	0.00025	-240.00	-80.00	0.00025
-240.00	-90.00	0.00026	-240.00	-100.00	0.00027
-230.00	100.00	0.00010	-230.00	90.00	0.00010
-230.00	80.00	0.00011	-230.00	70.00	0.00011
-230.00	60.00	0.00012	-230.00	50.00	0.00013
-230.00	40.00	0.00015	-230.00	30.00	0.00016
-230.00	25.00	0.00017	-230.00	20.00	0.00018
-230.00	17.00	0.00018	-230.00	15.00	0.00018
-230.00	13.00	0.00019	-230.00	11.00	0.00019
-230.00	9.00	0.00019	-230.00	-9.00	0.00021
-230.00	-11.00	0.00022	-230.00	-13.00	0.00022
-230.00	-15.00	0.00022	-230.00	-17.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00023	-230.00	-25.00	0.00023
-230.00	-30.00	0.00023	-230.00	-40.00	0.00024
-230.00	-50.00	0.00025	-230.00	-60.00	0.00026
-230.00	-70.00	0.00027	-230.00	-80.00	0.00028
-230.00	-90.00	0.00029	-230.00	-100.00	0.00029
-220.00	100.00	0.00011	-220.00	90.00	0.00011
-220.00	80.00	0.00011	-220.00	70.00	0.00012
-220.00	60.00	0.00013	-220.00	50.00	0.00014
-220.00	40.00	0.00016	-220.00	30.00	0.00017
-220.00	25.00	0.00018	-220.00	20.00	0.00019
-220.00	17.00	0.00020	-220.00	15.00	0.00020
-220.00	13.00	0.00020	-220.00	11.00	0.00020
-220.00	9.00	0.00021	-220.00	-9.00	0.00023
-220.00	-11.00	0.00023	-220.00	-13.00	0.00024
-220.00	-15.00	0.00024	-220.00	-17.00	0.00024
-220.00	-20.00	0.00025	-220.00	-25.00	0.00025
-220.00	-30.00	0.00026	-220.00	-40.00	0.00026

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-220.00	-50.00	0.00027	-220.00	-60.00	0.00028
-220.00	-70.00	0.00030	-220.00	-80.00	0.00031
-220.00	-90.00	0.00031	-220.00	-100.00	0.00032
-210.00	100.00	0.00012	-210.00	90.00	0.00012
-210.00	80.00	0.00012	-210.00	70.00	0.00013
-210.00	60.00	0.00014	-210.00	50.00	0.00015
-210.00	40.00	0.00017	-210.00	30.00	0.00019
-210.00	25.00	0.00020	-210.00	20.00	0.00021
-210.00	17.00	0.00021	-210.00	15.00	0.00021
-210.00	13.00	0.00022	-210.00	11.00	0.00022
-210.00	9.00	0.00022	-210.00	-9.00	0.00025
-210.00	-11.00	0.00026	-210.00	-13.00	0.00026
-210.00	-15.00	0.00026	-210.00	-17.00	0.00026
-210.00	-20.00	0.00027	-210.00	-25.00	0.00027
-210.00	-30.00	0.00028	-210.00	-40.00	0.00029
-210.00	-50.00	0.00030	-210.00	-60.00	0.00031
-210.00	-70.00	0.00033	-210.00	-80.00	0.00034
-210.00	-90.00	0.00034	-210.00	-100.00	0.00034
-200.00	100.00	0.00013	-200.00	90.00	0.00013
-200.00	80.00	0.00013	-200.00	70.00	0.00014
-200.00	60.00	0.00015	-200.00	50.00	0.00016
-200.00	40.00	0.00018	-200.00	30.00	0.00020
-200.00	25.00	0.00021	-200.00	20.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTS:
 PAGE 65

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00023	-200.00	15.00	0.00023
-200.00	13.00	0.00024	-200.00	11.00	0.00024
-200.00	9.00	0.00025	-200.00	-9.00	0.00028
-200.00	-11.00	0.00028	-200.00	-13.00	0.00028
-200.00	-15.00	0.00029	-200.00	-17.00	0.00029
-200.00	-20.00	0.00030	-200.00	-25.00	0.00030
-200.00	-30.00	0.00031	-200.00	-40.00	0.00032
-200.00	-50.00	0.00033	-200.00	-60.00	0.00035
-200.00	-70.00	0.00036	-200.00	-80.00	0.00037
-200.00	-90.00	0.00038	-200.00	-100.00	0.00038
-190.00	100.00	0.00014	-190.00	90.00	0.00014

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-190.00	80.00	0.00014	-190.00	70.00	0.00015
-190.00	60.00	0.00016	-190.00	50.00	0.00017
-190.00	40.00	0.00019	-190.00	30.00	0.00022
-190.00	25.00	0.00023	-190.00	20.00	0.00024
-190.00	17.00	0.00025	-190.00	15.00	0.00025
-190.00	13.00	0.00026	-190.00	11.00	0.00026
-190.00	9.00	0.00027	-190.00	-9.00	0.00031
-190.00	-11.00	0.00031	-190.00	-13.00	0.00031
-190.00	-15.00	0.00032	-190.00	-17.00	0.00032
-190.00	-20.00	0.00033	-190.00	-25.00	0.00033
-190.00	-30.00	0.00034	-190.00	-40.00	0.00036
-190.00	-50.00	0.00037	-190.00	-60.00	0.00039
-190.00	-70.00	0.00040	-190.00	-80.00	0.00041
-190.00	-90.00	0.00041	-190.00	-100.00	0.00041
-180.00	100.00	0.00015	-180.00	90.00	0.00015
-180.00	80.00	0.00016	-180.00	70.00	0.00016
-180.00	60.00	0.00017	-180.00	50.00	0.00018
-180.00	40.00	0.00021	-180.00	30.00	0.00023
-180.00	25.00	0.00025	-180.00	20.00	0.00026
-180.00	17.00	0.00027	-180.00	15.00	0.00028
-180.00	13.00	0.00028	-180.00	11.00	0.00029
-180.00	9.00	0.00030	-180.00	-9.00	0.00034
-180.00	-11.00	0.00034	-180.00	-13.00	0.00035
-180.00	-15.00	0.00035	-180.00	-17.00	0.00036
-180.00	-20.00	0.00036	-180.00	-25.00	0.00037
-180.00	-30.00	0.00038	-180.00	-40.00	0.00040
-180.00	-50.00	0.00042	-180.00	-60.00	0.00043
-180.00	-70.00	0.00045	-180.00	-80.00	0.00046
-180.00	-90.00	0.00046	-180.00	-100.00	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTS:
 PAGE 66

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00017	-170.00	90.00	0.00017
-170.00	80.00	0.00017	-170.00	70.00	0.00018
-170.00	60.00	0.00019	-170.00	50.00	0.00020
-170.00	40.00	0.00022	-170.00	30.00	0.00025
-170.00	25.00	0.00027	-170.00	20.00	0.00029

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-170.00	17.00	0.00030	-170.00	15.00	0.00031
-170.00	13.00	0.00031	-170.00	11.00	0.00032
-170.00	9.00	0.00033	-170.00	-9.00	0.00038
-170.00	-11.00	0.00038	-170.00	-13.00	0.00039
-170.00	-15.00	0.00039	-170.00	-17.00	0.00040
-170.00	-20.00	0.00041	-170.00	-25.00	0.00042
-170.00	-30.00	0.00043	-170.00	-40.00	0.00045
-170.00	-50.00	0.00047	-170.00	-60.00	0.00049
-170.00	-70.00	0.00050	-170.00	-80.00	0.00051
-170.00	-90.00	0.00051	-170.00	-100.00	0.00050
-160.00	100.00	0.00018	-160.00	90.00	0.00019
-160.00	80.00	0.00019	-160.00	70.00	0.00020
-160.00	60.00	0.00020	-160.00	50.00	0.00022
-160.00	40.00	0.00024	-160.00	30.00	0.00028
-160.00	25.00	0.00030	-160.00	20.00	0.00032
-160.00	17.00	0.00033	-160.00	15.00	0.00034
-160.00	13.00	0.00035	-160.00	11.00	0.00035
-160.00	9.00	0.00036	-160.00	-9.00	0.00043
-160.00	-11.00	0.00043	-160.00	-13.00	0.00044
-160.00	-15.00	0.00044	-160.00	-17.00	0.00045
-160.00	-20.00	0.00046	-160.00	-25.00	0.00047
-160.00	-30.00	0.00048	-160.00	-40.00	0.00051
-160.00	-50.00	0.00053	-160.00	-60.00	0.00056
-160.00	-70.00	0.00057	-160.00	-80.00	0.00057
-160.00	-90.00	0.00056	-160.00	-100.00	0.00055
-150.00	100.00	0.00020	-150.00	90.00	0.00021
-150.00	80.00	0.00021	-150.00	70.00	0.00022
-150.00	60.00	0.00023	-150.00	50.00	0.00024
-150.00	40.00	0.00026	-150.00	30.00	0.00030
-150.00	25.00	0.00032	-150.00	20.00	0.00035
-150.00	17.00	0.00037	-150.00	15.00	0.00038
-150.00	13.00	0.00039	-150.00	11.00	0.00039
-150.00	9.00	0.00040	-150.00	-9.00	0.00048
-150.00	-11.00	0.00049	-150.00	-13.00	0.00050
-150.00	-15.00	0.00050	-150.00	-17.00	0.00051

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 17:08:00
 **MODELOPTs:
 PAGE 67
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00052	-150.00	-25.00	0.00053
-150.00	-30.00	0.00055	-150.00	-40.00	0.00058
-150.00	-50.00	0.00061	-150.00	-60.00	0.00063
-150.00	-70.00	0.00064	-150.00	-80.00	0.00064
-150.00	-90.00	0.00063	-150.00	-100.00	0.00061
-140.00	100.00	0.00023	-140.00	90.00	0.00023
-140.00	80.00	0.00024	-140.00	70.00	0.00025
-140.00	60.00	0.00025	-140.00	50.00	0.00027
-140.00	40.00	0.00029	-140.00	30.00	0.00033
-140.00	25.00	0.00036	-140.00	20.00	0.00039
-140.00	17.00	0.00041	-140.00	15.00	0.00042
-140.00	13.00	0.00043	-140.00	11.00	0.00044
-140.00	9.00	0.00045	-140.00	-9.00	0.00055
-140.00	-11.00	0.00056	-140.00	-13.00	0.00057
-140.00	-15.00	0.00057	-140.00	-17.00	0.00058
-140.00	-20.00	0.00059	-140.00	-25.00	0.00061
-140.00	-30.00	0.00063	-140.00	-40.00	0.00067
-140.00	-50.00	0.00071	-140.00	-60.00	0.00072
-140.00	-70.00	0.00073	-140.00	-80.00	0.00072
-140.00	-90.00	0.00070	-140.00	-100.00	0.00068
-130.00	100.00	0.00025	-130.00	90.00	0.00026
-130.00	80.00	0.00027	-130.00	70.00	0.00028
-130.00	60.00	0.00029	-130.00	50.00	0.00030
-130.00	40.00	0.00032	-130.00	30.00	0.00036
-130.00	25.00	0.00039	-130.00	20.00	0.00043
-130.00	17.00	0.00045	-130.00	15.00	0.00047
-130.00	13.00	0.00048	-130.00	11.00	0.00050
-130.00	9.00	0.00051	-130.00	-9.00	0.00063
-130.00	-11.00	0.00064	-130.00	-13.00	0.00065
-130.00	-15.00	0.00066	-130.00	-17.00	0.00067
-130.00	-20.00	0.00069	-130.00	-25.00	0.00071
-130.00	-30.00	0.00073	-130.00	-40.00	0.00078
-130.00	-50.00	0.00082	-130.00	-60.00	0.00083
-130.00	-70.00	0.00083	-130.00	-80.00	0.00081
-130.00	-90.00	0.00079	-130.00	-100.00	0.00076
-120.00	100.00	0.00028	-120.00	90.00	0.00030
-120.00	80.00	0.00031	-120.00	70.00	0.00032
-120.00	60.00	0.00033	-120.00	50.00	0.00034
-120.00	40.00	0.00036	-120.00	30.00	0.00040
-120.00	25.00	0.00044	-120.00	20.00	0.00048

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:08:00

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00051	-120.00	15.00	0.00053
-120.00	13.00	0.00055	-120.00	11.00	0.00056
-120.00	9.00	0.00058	-120.00	-9.00	0.00073
-120.00	-11.00	0.00075	-120.00	-13.00	0.00076
-120.00	-15.00	0.00077	-120.00	-17.00	0.00079
-120.00	-20.00	0.00080	-120.00	-25.00	0.00083
-120.00	-30.00	0.00087	-120.00	-40.00	0.00092
-120.00	-50.00	0.00095	-120.00	-60.00	0.00096
-120.00	-70.00	0.00095	-120.00	-80.00	0.00092
-120.00	-90.00	0.00089	-120.00	-100.00	0.00085
-110.00	100.00	0.00032	-110.00	90.00	0.00034
-110.00	80.00	0.00035	-110.00	70.00	0.00036
-110.00	60.00	0.00038	-110.00	50.00	0.00039
-110.00	40.00	0.00041	-110.00	30.00	0.00045
-110.00	25.00	0.00049	-110.00	20.00	0.00053
-110.00	17.00	0.00057	-110.00	15.00	0.00059
-110.00	13.00	0.00062	-110.00	11.00	0.00064
-110.00	9.00	0.00067	-110.00	-9.00	0.00086
-110.00	-11.00	0.00088	-110.00	-13.00	0.00090
-110.00	-15.00	0.00091	-110.00	-17.00	0.00093
-110.00	-20.00	0.00095	-110.00	-25.00	0.00100
-110.00	-30.00	0.00104	-110.00	-40.00	0.00110
-110.00	-50.00	0.00112	-110.00	-60.00	0.00112
-110.00	-70.00	0.00109	-110.00	-80.00	0.00105
-110.00	-90.00	0.00100	-110.00	-100.00	0.00094
-100.00	100.00	0.00037	-100.00	90.00	0.00039
-100.00	80.00	0.00041	-100.00	70.00	0.00042
-100.00	60.00	0.00044	-100.00	50.00	0.00046
-100.00	40.00	0.00048	-100.00	30.00	0.00051
-100.00	25.00	0.00055	-100.00	20.00	0.00060
-100.00	17.00	0.00064	-100.00	15.00	0.00067
-100.00	13.00	0.00070	-100.00	11.00	0.00073
-100.00	9.00	0.00077	-100.00	-9.00	0.00103
-100.00	-11.00	0.00105	-100.00	-13.00	0.00107
-100.00	-15.00	0.00109	-100.00	-17.00	0.00112
-100.00	-20.00	0.00115	-100.00	-25.00	0.00121
-100.00	-30.00	0.00126	-100.00	-40.00	0.00132

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-100.00	-50.00	0.00133	-100.00	-60.00	0.00131
-100.00	-70.00	0.00126	-100.00	-80.00	0.00119
-100.00	-90.00	0.00112	-100.00	-100.00	0.00105

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

17:08:00

**MODELOPTs:

PAGE 69

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00044	-90.00	90.00	0.00046
-90.00	80.00	0.00048	-90.00	70.00	0.00050
-90.00	60.00	0.00052	-90.00	50.00	0.00054
-90.00	40.00	0.00056	-90.00	30.00	0.00060
-90.00	25.00	0.00063	-90.00	20.00	0.00068
-90.00	17.00	0.00072	-90.00	15.00	0.00076
-90.00	13.00	0.00080	-90.00	11.00	0.00084
-90.00	9.00	0.00088	-90.00	-9.00	0.00124
-90.00	-11.00	0.00127	-90.00	-13.00	0.00130
-90.00	-15.00	0.00133	-90.00	-17.00	0.00137
-90.00	-20.00	0.00141	-90.00	-25.00	0.00149
-90.00	-30.00	0.00154	-90.00	-40.00	0.00159
-90.00	-50.00	0.00158	-90.00	-60.00	0.00153
-90.00	-70.00	0.00145	-90.00	-80.00	0.00135
-90.00	-90.00	0.00126	-90.00	-100.00	0.00116
-80.00	100.00	0.00052	-80.00	90.00	0.00055
-80.00	80.00	0.00058	-80.00	70.00	0.00060
-80.00	60.00	0.00063	-80.00	50.00	0.00065
-80.00	40.00	0.00067	-80.00	30.00	0.00071
-80.00	25.00	0.00074	-80.00	20.00	0.00078
-80.00	17.00	0.00083	-80.00	15.00	0.00087
-80.00	13.00	0.00091	-80.00	11.00	0.00096
-80.00	9.00	0.00102	-80.00	-9.00	0.00152
-80.00	-11.00	0.00156	-80.00	-13.00	0.00161
-80.00	-15.00	0.00166	-80.00	-17.00	0.00171
-80.00	-20.00	0.00177	-80.00	-25.00	0.00185
-80.00	-30.00	0.00191	-80.00	-40.00	0.00194
-80.00	-50.00	0.00189	-80.00	-60.00	0.00178
-80.00	-70.00	0.00166	-80.00	-80.00	0.00153
-80.00	-90.00	0.00140	-80.00	-100.00	0.00127
-70.00	100.00	0.00064	-70.00	90.00	0.00068

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-70.00	80.00	0.00072	-70.00	70.00	0.00076
-70.00	60.00	0.00079	-70.00	50.00	0.00082
-70.00	40.00	0.00084	-70.00	30.00	0.00086
-70.00	25.00	0.00088	-70.00	20.00	0.00093
-70.00	17.00	0.00097	-70.00	15.00	0.00100
-70.00	13.00	0.00105	-70.00	11.00	0.00110
-70.00	9.00	0.00117	-70.00	-9.00	0.00191
-70.00	-11.00	0.00198	-70.00	-13.00	0.00205
-70.00	-15.00	0.00212	-70.00	-17.00	0.00218

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

PAGE 70

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00225	-70.00	-25.00	0.00234
-70.00	-30.00	0.00238	-70.00	-40.00	0.00236
-70.00	-50.00	0.00224	-70.00	-60.00	0.00207
-70.00	-70.00	0.00188	-70.00	-80.00	0.00170
-70.00	-90.00	0.00153	-70.00	-100.00	0.00137
-60.00	100.00	0.00080	-60.00	90.00	0.00087
-60.00	80.00	0.00093	-60.00	70.00	0.00100
-60.00	60.00	0.00106	-60.00	50.00	0.00111
-60.00	40.00	0.00113	-60.00	30.00	0.00113
-60.00	25.00	0.00113	-60.00	20.00	0.00115
-60.00	17.00	0.00117	-60.00	15.00	0.00120
-60.00	13.00	0.00124	-60.00	11.00	0.00130
-60.00	9.00	0.00137	-60.00	-9.00	0.00250
-60.00	-11.00	0.00260	-60.00	-13.00	0.00270
-60.00	-15.00	0.00277	-60.00	-17.00	0.00284
-60.00	-20.00	0.00291	-60.00	-25.00	0.00298
-60.00	-30.00	0.00298	-60.00	-40.00	0.00285
-60.00	-50.00	0.00262	-60.00	-60.00	0.00235
-60.00	-70.00	0.00209	-60.00	-80.00	0.00185
-60.00	-90.00	0.00164	-60.00	-100.00	0.00145
-50.00	100.00	0.00099	-50.00	90.00	0.00109
-50.00	80.00	0.00121	-50.00	70.00	0.00134
-50.00	60.00	0.00148	-50.00	50.00	0.00162
-50.00	40.00	0.00175	-50.00	30.00	0.00181
-50.00	25.00	0.00181	-50.00	20.00	0.00178

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-50.00	17.00	0.00175	-50.00	15.00	0.00174
-50.00	13.00	0.00173	-50.00	11.00	0.00174
-50.00	9.00	0.00178	-50.00	-9.00	0.00359
-50.00	-11.00	0.00367	-50.00	-13.00	0.00373
-50.00	-15.00	0.00376	-50.00	-17.00	0.00378
-50.00	-20.00	0.00378	-50.00	-25.00	0.00373
-50.00	-30.00	0.00362	-50.00	-40.00	0.00331
-50.00	-50.00	0.00294	-50.00	-60.00	0.00258
-50.00	-70.00	0.00225	-50.00	-80.00	0.00196
-50.00	-90.00	0.00171	-50.00	-100.00	0.00149
-40.00	100.00	0.00119	-40.00	90.00	0.00133
-40.00	80.00	0.00150	-40.00	70.00	0.00171
-40.00	60.00	0.00196	-40.00	50.00	0.00225
-40.00	40.00	0.00258	-40.00	30.00	0.00296
-40.00	25.00	0.00315	-40.00	20.00	0.00335

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

PAGE 71

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00347	-40.00	15.00	0.00356
-40.00	13.00	0.00366	-40.00	11.00	0.00379
-40.00	9.00	0.00396	-40.00	-9.00	0.00476
-40.00	-11.00	0.00466	-40.00	-13.00	0.00460
-40.00	-15.00	0.00454	-40.00	-17.00	0.00449
-40.00	-20.00	0.00440	-40.00	-25.00	0.00423
-40.00	-30.00	0.00403	-40.00	-40.00	0.00359
-40.00	-50.00	0.00313	-40.00	-60.00	0.00270
-40.00	-70.00	0.00233	-40.00	-80.00	0.00201
-40.00	-90.00	0.00173	-40.00	-100.00	0.00150
-30.00	100.00	0.00136	-30.00	90.00	0.00155
-30.00	80.00	0.00177	-30.00	70.00	0.00204
-30.00	60.00	0.00237	-30.00	50.00	0.00276
-30.00	40.00	0.00324	-30.00	30.00	0.00378
-30.00	25.00	0.00406	-30.00	20.00	0.00434
-30.00	17.00	0.00450	-30.00	15.00	0.00459
-30.00	13.00	0.00468	-30.00	11.00	0.00477
-30.00	9.00	0.00488	-30.00	-9.00	0.00496
-30.00	-11.00	0.00486	-30.00	-13.00	0.00479

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-30.00	-15.00	0.00473	-30.00	-17.00	0.00467
-30.00	-20.00	0.00458	-30.00	-25.00	0.00439
-30.00	-30.00	0.00418	-30.00	-40.00	0.00369
-30.00	-50.00	0.00319	-30.00	-60.00	0.00274
-30.00	-70.00	0.00234	-30.00	-80.00	0.00200
-30.00	-90.00	0.00171	-30.00	-100.00	0.00148
-20.00	100.00	0.00151	-20.00	90.00	0.00172
-20.00	80.00	0.00198	-20.00	70.00	0.00229
-20.00	60.00	0.00267	-20.00	50.00	0.00313
-20.00	40.00	0.00367	-20.00	30.00	0.00427
-20.00	25.00	0.00457	-20.00	20.00	0.00483
-20.00	17.00	0.00496	-20.00	15.00	0.00503
-20.00	13.00	0.00509	-20.00	11.00	0.00514
-20.00	9.00	0.00520	-20.00	-9.00	0.00498
-20.00	-11.00	0.00488	-20.00	-13.00	0.00481
-20.00	-15.00	0.00475	-20.00	-17.00	0.00468
-20.00	-20.00	0.00458	-20.00	-25.00	0.00439
-20.00	-30.00	0.00416	-20.00	-40.00	0.00365
-20.00	-50.00	0.00314	-20.00	-60.00	0.00268
-20.00	-70.00	0.00228	-20.00	-80.00	0.00194
-20.00	-90.00	0.00165	-20.00	-100.00	0.00142

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 72
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00161	-10.00	90.00	0.00184
-10.00	80.00	0.00213	-10.00	70.00	0.00247
-10.00	60.00	0.00288	-10.00	50.00	0.00337
-10.00	40.00	0.00394	-10.00	30.00	0.00455
-10.00	25.00	0.00483	-10.00	20.00	0.00506
-10.00	17.00	0.00517	-10.00	15.00	0.00522
-10.00	13.00	0.00525	-10.00	11.00	0.00528
-10.00	9.00	0.00532	-10.00	-9.00	0.00491
-10.00	-11.00	0.00480	-10.00	-13.00	0.00472
-10.00	-15.00	0.00465	-10.00	-17.00	0.00458
-10.00	-20.00	0.00447	-10.00	-25.00	0.00426
-10.00	-30.00	0.00402	-10.00	-40.00	0.00351
-10.00	-50.00	0.00300	-10.00	-60.00	0.00254

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-10.00	-70.00	0.00215	-10.00	-80.00	0.00182
-10.00	-90.00	0.00155	-10.00	-100.00	0.00133
0.00	100.00	0.00167	0.00	90.00	0.00192
0.00	80.00	0.00222	0.00	70.00	0.00258
0.00	60.00	0.00300	0.00	50.00	0.00351
0.00	40.00	0.00407	0.00	30.00	0.00467
0.00	25.00	0.00494	0.00	20.00	0.00516
0.00	17.00	0.00524	0.00	15.00	0.00528
0.00	13.00	0.00531	0.00	11.00	0.00532
0.00	9.00	0.00533	0.00	-9.00	0.00475
0.00	-11.00	0.00463	0.00	-13.00	0.00453
0.00	-15.00	0.00445	0.00	-17.00	0.00437
0.00	-20.00	0.00425	0.00	-25.00	0.00402
0.00	-30.00	0.00378	0.00	-40.00	0.00327
0.00	-50.00	0.00277	0.00	-60.00	0.00234
0.00	-70.00	0.00197	0.00	-80.00	0.00166
0.00	-90.00	0.00142	0.00	-100.00	0.00121
10.00	100.00	0.00169	10.00	90.00	0.00194
10.00	80.00	0.00225	10.00	70.00	0.00261
10.00	60.00	0.00304	10.00	50.00	0.00354
10.00	40.00	0.00411	10.00	30.00	0.00469
10.00	25.00	0.00495	10.00	20.00	0.00516
10.00	17.00	0.00524	10.00	15.00	0.00527
10.00	13.00	0.00528	10.00	11.00	0.00528
10.00	9.00	0.00527	10.00	-9.00	0.00449
10.00	-11.00	0.00435	10.00	-13.00	0.00424
10.00	-15.00	0.00414	10.00	-17.00	0.00404

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 73

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00390	10.00	-25.00	0.00366
10.00	-30.00	0.00342	10.00	-40.00	0.00292
10.00	-50.00	0.00247	10.00	-60.00	0.00207
10.00	-70.00	0.00174	10.00	-80.00	0.00147
10.00	-90.00	0.00125	10.00	-100.00	0.00108
20.00	100.00	0.00165	20.00	90.00	0.00190
20.00	80.00	0.00220	20.00	70.00	0.00255

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

20.00	60.00	0.00298	20.00	50.00	0.00348
20.00	40.00	0.00404	20.00	30.00	0.00462
20.00	25.00	0.00487	20.00	20.00	0.00508
20.00	17.00	0.00516	20.00	15.00	0.00519
20.00	13.00	0.00519	20.00	11.00	0.00517
20.00	9.00	0.00515	20.00	-9.00	0.00409
20.00	-11.00	0.00392	20.00	-13.00	0.00379
20.00	-15.00	0.00367	20.00	-17.00	0.00355
20.00	-20.00	0.00340	20.00	-25.00	0.00315
20.00	-30.00	0.00291	20.00	-40.00	0.00247
20.00	-50.00	0.00208	20.00	-60.00	0.00175
20.00	-70.00	0.00147	20.00	-80.00	0.00125
20.00	-90.00	0.00107	20.00	-100.00	0.00093
30.00	100.00	0.00156	30.00	90.00	0.00178
30.00	80.00	0.00205	30.00	70.00	0.00238
30.00	60.00	0.00278	30.00	50.00	0.00325
30.00	40.00	0.00380	30.00	30.00	0.00439
30.00	25.00	0.00467	30.00	20.00	0.00490
30.00	17.00	0.00498	30.00	15.00	0.00500
30.00	13.00	0.00501	30.00	11.00	0.00499
30.00	9.00	0.00496	30.00	-9.00	0.00348
30.00	-11.00	0.00327	30.00	-13.00	0.00311
30.00	-15.00	0.00297	30.00	-17.00	0.00285
30.00	-20.00	0.00269	30.00	-25.00	0.00246
30.00	-30.00	0.00226	30.00	-40.00	0.00192
30.00	-50.00	0.00163	30.00	-60.00	0.00140
30.00	-70.00	0.00120	30.00	-80.00	0.00104
30.00	-90.00	0.00090	30.00	-100.00	0.00079
40.00	100.00	0.00141	40.00	90.00	0.00160
40.00	80.00	0.00182	40.00	70.00	0.00208
40.00	60.00	0.00240	40.00	50.00	0.00278
40.00	40.00	0.00322	40.00	30.00	0.00373
40.00	25.00	0.00400	40.00	20.00	0.00426

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 74
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00439	40.00	15.00	0.00446

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

40.00	13.00	0.00451	40.00	11.00	0.00454
40.00	9.00	0.00454	40.00	-9.00	0.00234
40.00	-11.00	0.00215	40.00	-13.00	0.00201
40.00	-15.00	0.00192	40.00	-17.00	0.00184
40.00	-20.00	0.00175	40.00	-25.00	0.00163
40.00	-30.00	0.00154	40.00	-40.00	0.00137
40.00	-50.00	0.00122	40.00	-60.00	0.00108
40.00	-70.00	0.00096	40.00	-80.00	0.00085
40.00	-90.00	0.00075	40.00	-100.00	0.00067
50.00	100.00	0.00124	50.00	90.00	0.00138
50.00	80.00	0.00155	50.00	70.00	0.00173
50.00	60.00	0.00194	50.00	50.00	0.00216
50.00	40.00	0.00239	50.00	30.00	0.00259
50.00	25.00	0.00266	50.00	20.00	0.00268
50.00	17.00	0.00265	50.00	15.00	0.00261
50.00	13.00	0.00254	50.00	11.00	0.00245
50.00	9.00	0.00232	50.00	-9.00	0.00109
50.00	-11.00	0.00107	50.00	-13.00	0.00106
50.00	-15.00	0.00105	50.00	-17.00	0.00105
50.00	-20.00	0.00104	50.00	-25.00	0.00103
50.00	-30.00	0.00101	50.00	-40.00	0.00097
50.00	-50.00	0.00091	50.00	-60.00	0.00083
50.00	-70.00	0.00076	50.00	-80.00	0.00069
50.00	-90.00	0.00063	50.00	-100.00	0.00057
60.00	100.00	0.00107	60.00	90.00	0.00117
60.00	80.00	0.00129	60.00	70.00	0.00141
60.00	60.00	0.00153	60.00	50.00	0.00164
60.00	40.00	0.00172	60.00	30.00	0.00175
60.00	25.00	0.00172	60.00	20.00	0.00165
60.00	17.00	0.00158	60.00	15.00	0.00153
60.00	13.00	0.00147	60.00	11.00	0.00140
60.00	9.00	0.00133	60.00	-9.00	0.00077
60.00	-11.00	0.00076	60.00	-13.00	0.00074
60.00	-15.00	0.00074	60.00	-17.00	0.00073
60.00	-20.00	0.00073	60.00	-25.00	0.00073
60.00	-30.00	0.00072	60.00	-40.00	0.00071
60.00	-50.00	0.00068	60.00	-60.00	0.00064
60.00	-70.00	0.00060	60.00	-80.00	0.00056
60.00	-90.00	0.00052	60.00	-100.00	0.00048

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:08:00

**MODELOPTs:

PAGE 75

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00091	70.00	90.00	0.00099
70.00	80.00	0.00106	70.00	70.00	0.00114
70.00	60.00	0.00120	70.00	50.00	0.00124
70.00	40.00	0.00125	70.00	30.00	0.00122
70.00	25.00	0.00117	70.00	20.00	0.00111
70.00	17.00	0.00106	70.00	15.00	0.00102
70.00	13.00	0.00099	70.00	11.00	0.00095
70.00	9.00	0.00091	70.00	-9.00	0.00061
70.00	-11.00	0.00059	70.00	-13.00	0.00057
70.00	-15.00	0.00056	70.00	-17.00	0.00056
70.00	-20.00	0.00055	70.00	-25.00	0.00055
70.00	-30.00	0.00055	70.00	-40.00	0.00055
70.00	-50.00	0.00053	70.00	-60.00	0.00051
70.00	-70.00	0.00048	70.00	-80.00	0.00046
70.00	-90.00	0.00043	70.00	-100.00	0.00040
80.00	100.00	0.00078	80.00	90.00	0.00083
80.00	80.00	0.00088	80.00	70.00	0.00092
80.00	60.00	0.00094	80.00	50.00	0.00095
80.00	40.00	0.00093	80.00	30.00	0.00088
80.00	25.00	0.00084	80.00	20.00	0.00080
80.00	17.00	0.00077	80.00	15.00	0.00075
80.00	13.00	0.00072	80.00	11.00	0.00070
80.00	9.00	0.00067	80.00	-9.00	0.00049
80.00	-11.00	0.00048	80.00	-13.00	0.00046
80.00	-15.00	0.00045	80.00	-17.00	0.00045
80.00	-20.00	0.00044	80.00	-25.00	0.00043
80.00	-30.00	0.00043	80.00	-40.00	0.00043
80.00	-50.00	0.00043	80.00	-60.00	0.00041
80.00	-70.00	0.00040	80.00	-80.00	0.00038
80.00	-90.00	0.00036	80.00	-100.00	0.00034
90.00	100.00	0.00067	90.00	90.00	0.00070
90.00	80.00	0.00072	90.00	70.00	0.00074
90.00	60.00	0.00074	90.00	50.00	0.00074
90.00	40.00	0.00071	90.00	30.00	0.00067
90.00	25.00	0.00064	90.00	20.00	0.00061
90.00	17.00	0.00059	90.00	15.00	0.00057
90.00	13.00	0.00056	90.00	11.00	0.00054
90.00	9.00	0.00052	90.00	-9.00	0.00041
90.00	-11.00	0.00039	90.00	-13.00	0.00038

90.00 -15.00 0.00037 90.00 -17.00 0.00037

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 76

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00036	90.00	-25.00	0.00035
90.00	-30.00	0.00034	90.00	-40.00	0.00034
90.00	-50.00	0.00034	90.00	-60.00	0.00034
90.00	-70.00	0.00033	90.00	-80.00	0.00032
90.00	-90.00	0.00031	90.00	-100.00	0.00029
100.00	100.00	0.00057	100.00	90.00	0.00058
100.00	80.00	0.00060	100.00	70.00	0.00060
100.00	60.00	0.00060	100.00	50.00	0.00058
100.00	40.00	0.00056	100.00	30.00	0.00052
100.00	25.00	0.00050	100.00	20.00	0.00048
100.00	17.00	0.00046	100.00	15.00	0.00045
100.00	13.00	0.00044	100.00	11.00	0.00043
100.00	9.00	0.00042	100.00	-9.00	0.00034
100.00	-11.00	0.00033	100.00	-13.00	0.00032
100.00	-15.00	0.00031	100.00	-17.00	0.00031
100.00	-20.00	0.00030	100.00	-25.00	0.00029
100.00	-30.00	0.00028	100.00	-40.00	0.00028
100.00	-50.00	0.00028	100.00	-60.00	0.00028
100.00	-70.00	0.00028	100.00	-80.00	0.00027
100.00	-90.00	0.00026	100.00	-100.00	0.00025
110.00	100.00	0.00048	110.00	90.00	0.00049
110.00	80.00	0.00049	110.00	70.00	0.00049
110.00	60.00	0.00049	110.00	50.00	0.00047
110.00	40.00	0.00045	110.00	30.00	0.00042
110.00	25.00	0.00041	110.00	20.00	0.00039
110.00	17.00	0.00037	110.00	15.00	0.00037
110.00	13.00	0.00036	110.00	11.00	0.00035
110.00	9.00	0.00034	110.00	-9.00	0.00029
110.00	-11.00	0.00028	110.00	-13.00	0.00027
110.00	-15.00	0.00027	110.00	-17.00	0.00026
110.00	-20.00	0.00025	110.00	-25.00	0.00024
110.00	-30.00	0.00024	110.00	-40.00	0.00023
110.00	-50.00	0.00023	110.00	-60.00	0.00023

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

110.00	-70.00	0.00023	110.00	-80.00	0.00023
110.00	-90.00	0.00023	110.00	-100.00	0.00022
120.00	100.00	0.00041	120.00	90.00	0.00042
120.00	80.00	0.00041	120.00	70.00	0.00041
120.00	60.00	0.00040	120.00	50.00	0.00039
120.00	40.00	0.00037	120.00	30.00	0.00035
120.00	25.00	0.00034	120.00	20.00	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:
 PAGE 77

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00031	120.00	15.00	0.00030
120.00	13.00	0.00030	120.00	11.00	0.00029
120.00	9.00	0.00029	120.00	-9.00	0.00025
120.00	-11.00	0.00024	120.00	-13.00	0.00024
120.00	-15.00	0.00023	120.00	-17.00	0.00023
120.00	-20.00	0.00022	120.00	-25.00	0.00021
120.00	-30.00	0.00021	120.00	-40.00	0.00020
120.00	-50.00	0.00020	120.00	-60.00	0.00020
120.00	-70.00	0.00020	120.00	-80.00	0.00020
120.00	-90.00	0.00019	120.00	-100.00	0.00019
130.00	100.00	0.00035	130.00	90.00	0.00035
130.00	80.00	0.00035	130.00	70.00	0.00034
130.00	60.00	0.00033	130.00	50.00	0.00032
130.00	40.00	0.00031	130.00	30.00	0.00029
130.00	25.00	0.00028	130.00	20.00	0.00027
130.00	17.00	0.00026	130.00	15.00	0.00026
130.00	13.00	0.00025	130.00	11.00	0.00025
130.00	9.00	0.00024	130.00	-9.00	0.00022
130.00	-11.00	0.00021	130.00	-13.00	0.00021
130.00	-15.00	0.00020	130.00	-17.00	0.00020
130.00	-20.00	0.00019	130.00	-25.00	0.00018
130.00	-30.00	0.00018	130.00	-40.00	0.00017
130.00	-50.00	0.00017	130.00	-60.00	0.00017
130.00	-70.00	0.00017	130.00	-80.00	0.00017
130.00	-90.00	0.00017	130.00	-100.00	0.00017
140.00	100.00	0.00031	140.00	90.00	0.00030
140.00	80.00	0.00030	140.00	70.00	0.00029

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

140.00	60.00	0.00028	140.00	50.00	0.00027
140.00	40.00	0.00026	140.00	30.00	0.00025
140.00	25.00	0.00024	140.00	20.00	0.00023
140.00	17.00	0.00022	140.00	15.00	0.00022
140.00	13.00	0.00022	140.00	11.00	0.00021
140.00	9.00	0.00021	140.00	-9.00	0.00019
140.00	-11.00	0.00018	140.00	-13.00	0.00018
140.00	-15.00	0.00018	140.00	-17.00	0.00017
140.00	-20.00	0.00017	140.00	-25.00	0.00016
140.00	-30.00	0.00016	140.00	-40.00	0.00015
140.00	-50.00	0.00015	140.00	-60.00	0.00015
140.00	-70.00	0.00014	140.00	-80.00	0.00014
140.00	-90.00	0.00014	140.00	-100.00	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:
 PAGE 78

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00027	150.00	90.00	0.00026
150.00	80.00	0.00026	150.00	70.00	0.00025
150.00	60.00	0.00024	150.00	50.00	0.00024
150.00	40.00	0.00023	150.00	30.00	0.00021
150.00	25.00	0.00020	150.00	20.00	0.00020
150.00	17.00	0.00019	150.00	15.00	0.00019
150.00	13.00	0.00019	150.00	11.00	0.00019
150.00	9.00	0.00018	150.00	-9.00	0.00017
150.00	-11.00	0.00016	150.00	-13.00	0.00016
150.00	-15.00	0.00016	150.00	-17.00	0.00015
150.00	-20.00	0.00015	150.00	-25.00	0.00014
150.00	-30.00	0.00014	150.00	-40.00	0.00013
150.00	-50.00	0.00013	150.00	-60.00	0.00013
150.00	-70.00	0.00013	150.00	-80.00	0.00013
150.00	-90.00	0.00013	150.00	-100.00	0.00013
160.00	100.00	0.00023	160.00	90.00	0.00023
160.00	80.00	0.00022	160.00	70.00	0.00022
160.00	60.00	0.00021	160.00	50.00	0.00021
160.00	40.00	0.00020	160.00	30.00	0.00018
160.00	25.00	0.00018	160.00	20.00	0.00017
160.00	17.00	0.00017	160.00	15.00	0.00017

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

160.00	13.00	0.00016	160.00	11.00	0.00016
160.00	9.00	0.00016	160.00	-9.00	0.00015
160.00	-11.00	0.00015	160.00	-13.00	0.00014
160.00	-15.00	0.00014	160.00	-17.00	0.00014
160.00	-20.00	0.00013	160.00	-25.00	0.00013
160.00	-30.00	0.00012	160.00	-40.00	0.00012
160.00	-50.00	0.00012	160.00	-60.00	0.00011
160.00	-70.00	0.00011	160.00	-80.00	0.00011
160.00	-90.00	0.00011	160.00	-100.00	0.00011
170.00	100.00	0.00020	170.00	90.00	0.00020
170.00	80.00	0.00019	170.00	70.00	0.00019
170.00	60.00	0.00019	170.00	50.00	0.00018
170.00	40.00	0.00017	170.00	30.00	0.00016
170.00	25.00	0.00016	170.00	20.00	0.00015
170.00	17.00	0.00015	170.00	15.00	0.00015
170.00	13.00	0.00015	170.00	11.00	0.00014
170.00	9.00	0.00014	170.00	-9.00	0.00013
170.00	-11.00	0.00013	170.00	-13.00	0.00013
170.00	-15.00	0.00013	170.00	-17.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 79

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00012	170.00	-25.00	0.00012
170.00	-30.00	0.00011	170.00	-40.00	0.00011
170.00	-50.00	0.00010	170.00	-60.00	0.00010
170.00	-70.00	0.00010	170.00	-80.00	0.00010
170.00	-90.00	0.00010	170.00	-100.00	0.00010
180.00	100.00	0.00018	180.00	90.00	0.00018
180.00	80.00	0.00017	180.00	70.00	0.00017
180.00	60.00	0.00017	180.00	50.00	0.00016
180.00	40.00	0.00015	180.00	30.00	0.00014
180.00	25.00	0.00014	180.00	20.00	0.00013
180.00	17.00	0.00013	180.00	15.00	0.00013
180.00	13.00	0.00013	180.00	11.00	0.00013
180.00	9.00	0.00013	180.00	-9.00	0.00012
180.00	-11.00	0.00012	180.00	-13.00	0.00012
180.00	-15.00	0.00011	180.00	-17.00	0.00011

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

180.00	-20.00	0.00011	180.00	-25.00	0.00011
180.00	-30.00	0.00010	180.00	-40.00	0.00010
180.00	-50.00	0.00009	180.00	-60.00	0.00009
180.00	-70.00	0.00009	180.00	-80.00	0.00009
180.00	-90.00	0.00009	180.00	-100.00	0.00009
190.00	100.00	0.00016	190.00	90.00	0.00016
190.00	80.00	0.00015	190.00	70.00	0.00015
190.00	60.00	0.00015	190.00	50.00	0.00014
190.00	40.00	0.00013	190.00	30.00	0.00013
190.00	25.00	0.00012	190.00	20.00	0.00012
190.00	17.00	0.00012	190.00	15.00	0.00012
190.00	13.00	0.00012	190.00	11.00	0.00012
190.00	9.00	0.00012	190.00	-9.00	0.00011
190.00	-11.00	0.00011	190.00	-13.00	0.00010
190.00	-15.00	0.00010	190.00	-17.00	0.00010
190.00	-20.00	0.00010	190.00	-25.00	0.00010
190.00	-30.00	0.00009	190.00	-40.00	0.00009
190.00	-50.00	0.00008	190.00	-60.00	0.00008
190.00	-70.00	0.00008	190.00	-80.00	0.00008
190.00	-90.00	0.00008	190.00	-100.00	0.00008
200.00	100.00	0.00014	200.00	90.00	0.00014
200.00	80.00	0.00014	200.00	70.00	0.00014
200.00	60.00	0.00013	200.00	50.00	0.00013
200.00	40.00	0.00012	200.00	30.00	0.00011
200.00	25.00	0.00011	200.00	20.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

17:08:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00011	200.00	15.00	0.00011
200.00	13.00	0.00011	200.00	11.00	0.00010
200.00	9.00	0.00010	200.00	-9.00	0.00010
200.00	-11.00	0.00010	200.00	-13.00	0.00010
200.00	-15.00	0.00009	200.00	-17.00	0.00009
200.00	-20.00	0.00009	200.00	-25.00	0.00009
200.00	-30.00	0.00008	200.00	-40.00	0.00008
200.00	-50.00	0.00008	200.00	-60.00	0.00008
200.00	-70.00	0.00007	200.00	-80.00	0.00007

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

200.00	-90.00	0.00007	200.00	-100.00	0.00007
210.00	100.00	0.00013	210.00	90.00	0.00013
210.00	80.00	0.00012	210.00	70.00	0.00012
210.00	60.00	0.00012	210.00	50.00	0.00011
210.00	40.00	0.00011	210.00	30.00	0.00010
210.00	25.00	0.00010	210.00	20.00	0.00010
210.00	17.00	0.00010	210.00	15.00	0.00010
210.00	13.00	0.00010	210.00	11.00	0.00010
210.00	9.00	0.00009	210.00	-9.00	0.00009
210.00	-11.00	0.00009	210.00	-13.00	0.00009
210.00	-15.00	0.00009	210.00	-17.00	0.00009
210.00	-20.00	0.00008	210.00	-25.00	0.00008
210.00	-30.00	0.00008	210.00	-40.00	0.00007
210.00	-50.00	0.00007	210.00	-60.00	0.00007
210.00	-70.00	0.00007	210.00	-80.00	0.00007
210.00	-90.00	0.00007	210.00	-100.00	0.00007
220.00	100.00	0.00012	220.00	90.00	0.00011
220.00	80.00	0.00011	220.00	70.00	0.00011
220.00	60.00	0.00011	220.00	50.00	0.00010
220.00	40.00	0.00010	220.00	30.00	0.00009
220.00	25.00	0.00009	220.00	20.00	0.00009
220.00	17.00	0.00009	220.00	15.00	0.00009
220.00	13.00	0.00009	220.00	11.00	0.00009
220.00	9.00	0.00009	220.00	-9.00	0.00008
220.00	-11.00	0.00008	220.00	-13.00	0.00008
220.00	-15.00	0.00008	220.00	-17.00	0.00008
220.00	-20.00	0.00008	220.00	-25.00	0.00007
220.00	-30.00	0.00007	220.00	-40.00	0.00007
220.00	-50.00	0.00006	220.00	-60.00	0.00006
220.00	-70.00	0.00006	220.00	-80.00	0.00006
220.00	-90.00	0.00006	220.00	-100.00	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

17:08:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00011	230.00	90.00	0.00010
230.00	80.00	0.00010	230.00	70.00	0.00010
230.00	60.00	0.00010	230.00	50.00	0.00009

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

230.00	40.00	0.00009	230.00	30.00	0.00008
230.00	25.00	0.00008	230.00	20.00	0.00008
230.00	17.00	0.00008	230.00	15.00	0.00008
230.00	13.00	0.00008	230.00	11.00	0.00008
230.00	9.00	0.00008	230.00	-9.00	0.00008
230.00	-11.00	0.00007	230.00	-13.00	0.00007
230.00	-15.00	0.00007	230.00	-17.00	0.00007
230.00	-20.00	0.00007	230.00	-25.00	0.00007
230.00	-30.00	0.00007	230.00	-40.00	0.00006
230.00	-50.00	0.00006	230.00	-60.00	0.00006
230.00	-70.00	0.00006	230.00	-80.00	0.00006
230.00	-90.00	0.00006	230.00	-100.00	0.00006
240.00	100.00	0.00010	240.00	90.00	0.00010
240.00	80.00	0.00009	240.00	70.00	0.00009
240.00	60.00	0.00009	240.00	50.00	0.00009
240.00	40.00	0.00008	240.00	30.00	0.00008
240.00	25.00	0.00008	240.00	20.00	0.00008
240.00	17.00	0.00007	240.00	15.00	0.00007
240.00	13.00	0.00007	240.00	11.00	0.00007
240.00	9.00	0.00007	240.00	-9.00	0.00007
240.00	-11.00	0.00007	240.00	-13.00	0.00007
240.00	-15.00	0.00007	240.00	-17.00	0.00007
240.00	-20.00	0.00007	240.00	-25.00	0.00006
240.00	-30.00	0.00006	240.00	-40.00	0.00006
240.00	-50.00	0.00006	240.00	-60.00	0.00005
240.00	-70.00	0.00005	240.00	-80.00	0.00005
240.00	-90.00	0.00005	240.00	-100.00	0.00005
250.00	100.00	0.00009	250.00	90.00	0.00009
250.00	80.00	0.00009	250.00	70.00	0.00008
250.00	60.00	0.00008	250.00	50.00	0.00008
250.00	40.00	0.00007	250.00	30.00	0.00007
250.00	25.00	0.00007	250.00	20.00	0.00007
250.00	17.00	0.00007	250.00	15.00	0.00007
250.00	13.00	0.00007	250.00	11.00	0.00007
250.00	9.00	0.00007	250.00	-9.00	0.00006
250.00	-11.00	0.00006	250.00	-13.00	0.00006
250.00	-15.00	0.00006	250.00	-17.00	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

06NCRA_NAPA94-300 DPM TRAV ANN E-W Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00006	250.00	-25.00	0.00006
250.00	-30.00	0.00006	250.00	-40.00	0.00005
250.00	-50.00	0.00005	250.00	-60.00	0.00005
250.00	-70.00	0.00005	250.00	-80.00	0.00005
250.00	-90.00	0.00005	250.00	-100.00	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00018	-250.00	90.00	0.00019
-250.00	80.00	0.00019	-250.00	70.00	0.00020
-250.00	60.00	0.00020	-250.00	50.00	0.00022
-250.00	40.00	0.00024	-250.00	30.00	0.00028
-250.00	25.00	0.00030	-250.00	20.00	0.00032
-250.00	17.00	0.00033	-250.00	15.00	0.00034
-250.00	13.00	0.00035	-250.00	11.00	0.00035
-250.00	9.00	0.00036	-250.00	-9.00	0.00043
-250.00	-11.00	0.00043	-250.00	-13.00	0.00044
-250.00	-15.00	0.00044	-250.00	-17.00	0.00045
-250.00	-20.00	0.00046	-250.00	-25.00	0.00047
-250.00	-30.00	0.00048	-250.00	-40.00	0.00051
-250.00	-50.00	0.00053	-250.00	-60.00	0.00056
-250.00	-70.00	0.00057	-250.00	-80.00	0.00057
-250.00	-90.00	0.00056	-250.00	-100.00	0.00055
-240.00	100.00	0.00020	-240.00	90.00	0.00021
-240.00	80.00	0.00021	-240.00	70.00	0.00022
-240.00	60.00	0.00023	-240.00	50.00	0.00024
-240.00	40.00	0.00026	-240.00	30.00	0.00030
-240.00	25.00	0.00032	-240.00	20.00	0.00035
-240.00	17.00	0.00037	-240.00	15.00	0.00038
-240.00	13.00	0.00039	-240.00	11.00	0.00039
-240.00	9.00	0.00040	-240.00	-9.00	0.00048
-240.00	-11.00	0.00049	-240.00	-13.00	0.00050
-240.00	-15.00	0.00050	-240.00	-17.00	0.00051
-240.00	-20.00	0.00052	-240.00	-25.00	0.00053

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-240.00	-30.00	0.00055	-240.00	-40.00	0.00058
-240.00	-50.00	0.00061	-240.00	-60.00	0.00063
-240.00	-70.00	0.00064	-240.00	-80.00	0.00064
-240.00	-90.00	0.00063	-240.00	-100.00	0.00061
-230.00	100.00	0.00023	-230.00	90.00	0.00023
-230.00	80.00	0.00024	-230.00	70.00	0.00025
-230.00	60.00	0.00025	-230.00	50.00	0.00027
-230.00	40.00	0.00029	-230.00	30.00	0.00033
-230.00	25.00	0.00036	-230.00	20.00	0.00039
-230.00	17.00	0.00041	-230.00	15.00	0.00042
-230.00	13.00	0.00043	-230.00	11.00	0.00044
-230.00	9.00	0.00045	-230.00	-9.00	0.00055
-230.00	-11.00	0.00056	-230.00	-13.00	0.00057
-230.00	-15.00	0.00057	-230.00	-17.00	0.00058

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

PAGE 84

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00059	-230.00	-25.00	0.00061
-230.00	-30.00	0.00063	-230.00	-40.00	0.00067
-230.00	-50.00	0.00071	-230.00	-60.00	0.00072
-230.00	-70.00	0.00073	-230.00	-80.00	0.00072
-230.00	-90.00	0.00070	-230.00	-100.00	0.00068
-220.00	100.00	0.00025	-220.00	90.00	0.00026
-220.00	80.00	0.00027	-220.00	70.00	0.00028
-220.00	60.00	0.00029	-220.00	50.00	0.00030
-220.00	40.00	0.00032	-220.00	30.00	0.00036
-220.00	25.00	0.00039	-220.00	20.00	0.00043
-220.00	17.00	0.00045	-220.00	15.00	0.00047
-220.00	13.00	0.00048	-220.00	11.00	0.00050
-220.00	9.00	0.00051	-220.00	-9.00	0.00063
-220.00	-11.00	0.00064	-220.00	-13.00	0.00065
-220.00	-15.00	0.00066	-220.00	-17.00	0.00067
-220.00	-20.00	0.00069	-220.00	-25.00	0.00071
-220.00	-30.00	0.00073	-220.00	-40.00	0.00078
-220.00	-50.00	0.00082	-220.00	-60.00	0.00083
-220.00	-70.00	0.00083	-220.00	-80.00	0.00081
-220.00	-90.00	0.00079	-220.00	-100.00	0.00076

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-210.00	100.00	0.00028	-210.00	90.00	0.00030
-210.00	80.00	0.00031	-210.00	70.00	0.00032
-210.00	60.00	0.00033	-210.00	50.00	0.00034
-210.00	40.00	0.00036	-210.00	30.00	0.00040
-210.00	25.00	0.00044	-210.00	20.00	0.00048
-210.00	17.00	0.00051	-210.00	15.00	0.00053
-210.00	13.00	0.00055	-210.00	11.00	0.00056
-210.00	9.00	0.00058	-210.00	-9.00	0.00073
-210.00	-11.00	0.00075	-210.00	-13.00	0.00076
-210.00	-15.00	0.00077	-210.00	-17.00	0.00079
-210.00	-20.00	0.00080	-210.00	-25.00	0.00083
-210.00	-30.00	0.00087	-210.00	-40.00	0.00092
-210.00	-50.00	0.00095	-210.00	-60.00	0.00096
-210.00	-70.00	0.00095	-210.00	-80.00	0.00092
-210.00	-90.00	0.00089	-210.00	-100.00	0.00085
-200.00	100.00	0.00032	-200.00	90.00	0.00034
-200.00	80.00	0.00035	-200.00	70.00	0.00036
-200.00	60.00	0.00038	-200.00	50.00	0.00039
-200.00	40.00	0.00041	-200.00	30.00	0.00045
-200.00	25.00	0.00049	-200.00	20.00	0.00053

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTS:
 PAGE 85
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00057	-200.00	15.00	0.00059
-200.00	13.00	0.00062	-200.00	11.00	0.00064
-200.00	9.00	0.00067	-200.00	-9.00	0.00086
-200.00	-11.00	0.00088	-200.00	-13.00	0.00090
-200.00	-15.00	0.00091	-200.00	-17.00	0.00093
-200.00	-20.00	0.00095	-200.00	-25.00	0.00100
-200.00	-30.00	0.00104	-200.00	-40.00	0.00110
-200.00	-50.00	0.00112	-200.00	-60.00	0.00112
-200.00	-70.00	0.00109	-200.00	-80.00	0.00105
-200.00	-90.00	0.00100	-200.00	-100.00	0.00094
-190.00	100.00	0.00037	-190.00	90.00	0.00039
-190.00	80.00	0.00041	-190.00	70.00	0.00042
-190.00	60.00	0.00044	-190.00	50.00	0.00046
-190.00	40.00	0.00048	-190.00	30.00	0.00051

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-190.00	25.00	0.00055	-190.00	20.00	0.00060
-190.00	17.00	0.00064	-190.00	15.00	0.00067
-190.00	13.00	0.00070	-190.00	11.00	0.00073
-190.00	9.00	0.00077	-190.00	-9.00	0.00103
-190.00	-11.00	0.00105	-190.00	-13.00	0.00107
-190.00	-15.00	0.00109	-190.00	-17.00	0.00112
-190.00	-20.00	0.00115	-190.00	-25.00	0.00121
-190.00	-30.00	0.00126	-190.00	-40.00	0.00132
-190.00	-50.00	0.00133	-190.00	-60.00	0.00131
-190.00	-70.00	0.00126	-190.00	-80.00	0.00119
-190.00	-90.00	0.00112	-190.00	-100.00	0.00105
-180.00	100.00	0.00044	-180.00	90.00	0.00046
-180.00	80.00	0.00048	-180.00	70.00	0.00050
-180.00	60.00	0.00052	-180.00	50.00	0.00054
-180.00	40.00	0.00056	-180.00	30.00	0.00060
-180.00	25.00	0.00063	-180.00	20.00	0.00068
-180.00	17.00	0.00072	-180.00	15.00	0.00076
-180.00	13.00	0.00080	-180.00	11.00	0.00084
-180.00	9.00	0.00088	-180.00	-9.00	0.00124
-180.00	-11.00	0.00127	-180.00	-13.00	0.00130
-180.00	-15.00	0.00133	-180.00	-17.00	0.00137
-180.00	-20.00	0.00141	-180.00	-25.00	0.00149
-180.00	-30.00	0.00154	-180.00	-40.00	0.00159
-180.00	-50.00	0.00158	-180.00	-60.00	0.00153
-180.00	-70.00	0.00145	-180.00	-80.00	0.00135
-180.00	-90.00	0.00126	-180.00	-100.00	0.00116

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTS:
 PAGE 86

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00052	-170.00	90.00	0.00055
-170.00	80.00	0.00058	-170.00	70.00	0.00060
-170.00	60.00	0.00063	-170.00	50.00	0.00065
-170.00	40.00	0.00067	-170.00	30.00	0.00071
-170.00	25.00	0.00074	-170.00	20.00	0.00078
-170.00	17.00	0.00083	-170.00	15.00	0.00087
-170.00	13.00	0.00091	-170.00	11.00	0.00096
-170.00	9.00	0.00102	-170.00	-9.00	0.00152

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-170.00	-11.00	0.00156	-170.00	-13.00	0.00161
-170.00	-15.00	0.00166	-170.00	-17.00	0.00171
-170.00	-20.00	0.00177	-170.00	-25.00	0.00185
-170.00	-30.00	0.00191	-170.00	-40.00	0.00194
-170.00	-50.00	0.00189	-170.00	-60.00	0.00178
-170.00	-70.00	0.00166	-170.00	-80.00	0.00153
-170.00	-90.00	0.00140	-170.00	-100.00	0.00127
-160.00	100.00	0.00064	-160.00	90.00	0.00068
-160.00	80.00	0.00072	-160.00	70.00	0.00076
-160.00	60.00	0.00079	-160.00	50.00	0.00082
-160.00	40.00	0.00084	-160.00	30.00	0.00086
-160.00	25.00	0.00088	-160.00	20.00	0.00093
-160.00	17.00	0.00097	-160.00	15.00	0.00100
-160.00	13.00	0.00105	-160.00	11.00	0.00110
-160.00	9.00	0.00117	-160.00	-9.00	0.00191
-160.00	-11.00	0.00198	-160.00	-13.00	0.00205
-160.00	-15.00	0.00212	-160.00	-17.00	0.00218
-160.00	-20.00	0.00225	-160.00	-25.00	0.00234
-160.00	-30.00	0.00238	-160.00	-40.00	0.00236
-160.00	-50.00	0.00224	-160.00	-60.00	0.00207
-160.00	-70.00	0.00188	-160.00	-80.00	0.00170
-160.00	-90.00	0.00153	-160.00	-100.00	0.00137
-150.00	100.00	0.00080	-150.00	90.00	0.00087
-150.00	80.00	0.00093	-150.00	70.00	0.00100
-150.00	60.00	0.00106	-150.00	50.00	0.00111
-150.00	40.00	0.00113	-150.00	30.00	0.00113
-150.00	25.00	0.00113	-150.00	20.00	0.00115
-150.00	17.00	0.00117	-150.00	15.00	0.00120
-150.00	13.00	0.00124	-150.00	11.00	0.00130
-150.00	9.00	0.00137	-150.00	-9.00	0.00250
-150.00	-11.00	0.00260	-150.00	-13.00	0.00270
-150.00	-15.00	0.00277	-150.00	-17.00	0.00284

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTS:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00291	-150.00	-25.00	0.00298
-150.00	-30.00	0.00298	-150.00	-40.00	0.00285

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-150.00	-50.00	0.00262	-150.00	-60.00	0.00235
-150.00	-70.00	0.00209	-150.00	-80.00	0.00185
-150.00	-90.00	0.00164	-150.00	-100.00	0.00145
-140.00	100.00	0.00099	-140.00	90.00	0.00109
-140.00	80.00	0.00121	-140.00	70.00	0.00134
-140.00	60.00	0.00148	-140.00	50.00	0.00162
-140.00	40.00	0.00175	-140.00	30.00	0.00181
-140.00	25.00	0.00181	-140.00	20.00	0.00178
-140.00	17.00	0.00175	-140.00	15.00	0.00174
-140.00	13.00	0.00173	-140.00	11.00	0.00174
-140.00	9.00	0.00178	-140.00	-9.00	0.00359
-140.00	-11.00	0.00367	-140.00	-13.00	0.00373
-140.00	-15.00	0.00376	-140.00	-17.00	0.00378
-140.00	-20.00	0.00378	-140.00	-25.00	0.00373
-140.00	-30.00	0.00362	-140.00	-40.00	0.00331
-140.00	-50.00	0.00294	-140.00	-60.00	0.00258
-140.00	-70.00	0.00225	-140.00	-80.00	0.00196
-140.00	-90.00	0.00171	-140.00	-100.00	0.00149
-130.00	100.00	0.00119	-130.00	90.00	0.00133
-130.00	80.00	0.00150	-130.00	70.00	0.00171
-130.00	60.00	0.00196	-130.00	50.00	0.00225
-130.00	40.00	0.00258	-130.00	30.00	0.00296
-130.00	25.00	0.00315	-130.00	20.00	0.00335
-130.00	17.00	0.00347	-130.00	15.00	0.00356
-130.00	13.00	0.00366	-130.00	11.00	0.00379
-130.00	9.00	0.00396	-130.00	-9.00	0.00476
-130.00	-11.00	0.00466	-130.00	-13.00	0.00460
-130.00	-15.00	0.00454	-130.00	-17.00	0.00449
-130.00	-20.00	0.00440	-130.00	-25.00	0.00423
-130.00	-30.00	0.00403	-130.00	-40.00	0.00359
-130.00	-50.00	0.00313	-130.00	-60.00	0.00270
-130.00	-70.00	0.00233	-130.00	-80.00	0.00201
-130.00	-90.00	0.00173	-130.00	-100.00	0.00150
-120.00	100.00	0.00136	-120.00	90.00	0.00155
-120.00	80.00	0.00177	-120.00	70.00	0.00204
-120.00	60.00	0.00237	-120.00	50.00	0.00276
-120.00	40.00	0.00324	-120.00	30.00	0.00378
-120.00	25.00	0.00406	-120.00	20.00	0.00434

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTS:
 PAGE 88

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

06NCRA NAPA94-300_DPM_TRAV ANN E-W Bound
 INCLUDING SOURCE(S) : NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00450	-120.00	15.00	0.00459
-120.00	13.00	0.00468	-120.00	11.00	0.00477
-120.00	9.00	0.00488	-120.00	-9.00	0.00496
-120.00	-11.00	0.00486	-120.00	-13.00	0.00479
-120.00	-15.00	0.00473	-120.00	-17.00	0.00467
-120.00	-20.00	0.00458	-120.00	-25.00	0.00439
-120.00	-30.00	0.00418	-120.00	-40.00	0.00369
-120.00	-50.00	0.00319	-120.00	-60.00	0.00274
-120.00	-70.00	0.00234	-120.00	-80.00	0.00200
-120.00	-90.00	0.00171	-120.00	-100.00	0.00148
-110.00	100.00	0.00151	-110.00	90.00	0.00172
-110.00	80.00	0.00198	-110.00	70.00	0.00229
-110.00	60.00	0.00267	-110.00	50.00	0.00313
-110.00	40.00	0.00367	-110.00	30.00	0.00427
-110.00	25.00	0.00457	-110.00	20.00	0.00483
-110.00	17.00	0.00496	-110.00	15.00	0.00503
-110.00	13.00	0.00509	-110.00	11.00	0.00514
-110.00	9.00	0.00520	-110.00	-9.00	0.00498
-110.00	-11.00	0.00488	-110.00	-13.00	0.00481
-110.00	-15.00	0.00475	-110.00	-17.00	0.00468
-110.00	-20.00	0.00458	-110.00	-25.00	0.00439
-110.00	-30.00	0.00416	-110.00	-40.00	0.00365
-110.00	-50.00	0.00314	-110.00	-60.00	0.00268
-110.00	-70.00	0.00228	-110.00	-80.00	0.00194
-110.00	-90.00	0.00165	-110.00	-100.00	0.00142
-100.00	100.00	0.00161	-100.00	90.00	0.00184
-100.00	80.00	0.00213	-100.00	70.00	0.00247
-100.00	60.00	0.00288	-100.00	50.00	0.00337
-100.00	40.00	0.00394	-100.00	30.00	0.00455
-100.00	25.00	0.00483	-100.00	20.00	0.00506
-100.00	17.00	0.00517	-100.00	15.00	0.00522
-100.00	13.00	0.00525	-100.00	11.00	0.00528
-100.00	9.00	0.00532	-100.00	-9.00	0.00491
-100.00	-11.00	0.00480	-100.00	-13.00	0.00472
-100.00	-15.00	0.00465	-100.00	-17.00	0.00458
-100.00	-20.00	0.00447	-100.00	-25.00	0.00426
-100.00	-30.00	0.00402	-100.00	-40.00	0.00351
-100.00	-50.00	0.00300	-100.00	-60.00	0.00254
-100.00	-70.00	0.00215	-100.00	-80.00	0.00182
-100.00	-90.00	0.00155	-100.00	-100.00	0.00133

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

17:08:00

**MODELOPTs:

PAGE 89

*** Maximum train overlap at East/West Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00167	-90.00	90.00	0.00192
-90.00	80.00	0.00222	-90.00	70.00	0.00258
-90.00	60.00	0.00300	-90.00	50.00	0.00351
-90.00	40.00	0.00407	-90.00	30.00	0.00467
-90.00	25.00	0.00494	-90.00	20.00	0.00516
-90.00	17.00	0.00524	-90.00	15.00	0.00528
-90.00	13.00	0.00531	-90.00	11.00	0.00532
-90.00	9.00	0.00533	-90.00	-9.00	0.00475
-90.00	-11.00	0.00463	-90.00	-13.00	0.00453
-90.00	-15.00	0.00445	-90.00	-17.00	0.00437
-90.00	-20.00	0.00425	-90.00	-25.00	0.00402
-90.00	-30.00	0.00378	-90.00	-40.00	0.00327
-90.00	-50.00	0.00277	-90.00	-60.00	0.00234
-90.00	-70.00	0.00197	-90.00	-80.00	0.00166
-90.00	-90.00	0.00142	-90.00	-100.00	0.00121
-80.00	100.00	0.00169	-80.00	90.00	0.00194
-80.00	80.00	0.00225	-80.00	70.00	0.00261
-80.00	60.00	0.00304	-80.00	50.00	0.00354
-80.00	40.00	0.00411	-80.00	30.00	0.00469
-80.00	25.00	0.00495	-80.00	20.00	0.00516
-80.00	17.00	0.00524	-80.00	15.00	0.00527
-80.00	13.00	0.00528	-80.00	11.00	0.00528
-80.00	9.00	0.00527	-80.00	-9.00	0.00449
-80.00	-11.00	0.00435	-80.00	-13.00	0.00424
-80.00	-15.00	0.00414	-80.00	-17.00	0.00404
-80.00	-20.00	0.00390	-80.00	-25.00	0.00366
-80.00	-30.00	0.00342	-80.00	-40.00	0.00292
-80.00	-50.00	0.00247	-80.00	-60.00	0.00207
-80.00	-70.00	0.00174	-80.00	-80.00	0.00147
-80.00	-90.00	0.00125	-80.00	-100.00	0.00108
-70.00	100.00	0.00165	-70.00	90.00	0.00190
-70.00	80.00	0.00220	-70.00	70.00	0.00255
-70.00	60.00	0.00298	-70.00	50.00	0.00348
-70.00	40.00	0.00404	-70.00	30.00	0.00462

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-70.00	25.00	0.00487	-70.00	20.00	0.00508
-70.00	17.00	0.00516	-70.00	15.00	0.00519
-70.00	13.00	0.00519	-70.00	11.00	0.00517
-70.00	9.00	0.00515	-70.00	-9.00	0.00409
-70.00	-11.00	0.00392	-70.00	-13.00	0.00379
-70.00	-15.00	0.00367	-70.00	-17.00	0.00355

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

PAGE 90

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00340	-70.00	-25.00	0.00315
-70.00	-30.00	0.00291	-70.00	-40.00	0.00247
-70.00	-50.00	0.00208	-70.00	-60.00	0.00175
-70.00	-70.00	0.00147	-70.00	-80.00	0.00125
-70.00	-90.00	0.00107	-70.00	-100.00	0.00093
-60.00	100.00	0.00156	-60.00	90.00	0.00178
-60.00	80.00	0.00205	-60.00	70.00	0.00238
-60.00	60.00	0.00278	-60.00	50.00	0.00325
-60.00	40.00	0.00380	-60.00	30.00	0.00439
-60.00	25.00	0.00467	-60.00	20.00	0.00490
-60.00	17.00	0.00498	-60.00	15.00	0.00500
-60.00	13.00	0.00501	-60.00	11.00	0.00499
-60.00	9.00	0.00496	-60.00	-9.00	0.00348
-60.00	-11.00	0.00327	-60.00	-13.00	0.00311
-60.00	-15.00	0.00297	-60.00	-17.00	0.00285
-60.00	-20.00	0.00269	-60.00	-25.00	0.00246
-60.00	-30.00	0.00226	-60.00	-40.00	0.00192
-60.00	-50.00	0.00163	-60.00	-60.00	0.00140
-60.00	-70.00	0.00120	-60.00	-80.00	0.00104
-60.00	-90.00	0.00090	-60.00	-100.00	0.00079
-50.00	100.00	0.00141	-50.00	90.00	0.00160
-50.00	80.00	0.00182	-50.00	70.00	0.00208
-50.00	60.00	0.00240	-50.00	50.00	0.00278
-50.00	40.00	0.00322	-50.00	30.00	0.00373
-50.00	25.00	0.00400	-50.00	20.00	0.00426
-50.00	17.00	0.00439	-50.00	15.00	0.00446
-50.00	13.00	0.00451	-50.00	11.00	0.00454
-50.00	9.00	0.00454	-50.00	-9.00	0.00234

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-50.00	-11.00	0.00215	-50.00	-13.00	0.00201
-50.00	-15.00	0.00192	-50.00	-17.00	0.00184
-50.00	-20.00	0.00175	-50.00	-25.00	0.00163
-50.00	-30.00	0.00154	-50.00	-40.00	0.00137
-50.00	-50.00	0.00122	-50.00	-60.00	0.00108
-50.00	-70.00	0.00096	-50.00	-80.00	0.00085
-50.00	-90.00	0.00075	-50.00	-100.00	0.00067
-40.00	100.00	0.00124	-40.00	90.00	0.00138
-40.00	80.00	0.00155	-40.00	70.00	0.00173
-40.00	60.00	0.00194	-40.00	50.00	0.00216
-40.00	40.00	0.00239	-40.00	30.00	0.00259
-40.00	25.00	0.00266	-40.00	20.00	0.00268

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:
 PAGE 91

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00265	-40.00	15.00	0.00261
-40.00	13.00	0.00254	-40.00	11.00	0.00245
-40.00	9.00	0.00232	-40.00	-9.00	0.00109
-40.00	-11.00	0.00107	-40.00	-13.00	0.00106
-40.00	-15.00	0.00105	-40.00	-17.00	0.00105
-40.00	-20.00	0.00104	-40.00	-25.00	0.00103
-40.00	-30.00	0.00101	-40.00	-40.00	0.00097
-40.00	-50.00	0.00091	-40.00	-60.00	0.00083
-40.00	-70.00	0.00076	-40.00	-80.00	0.00069
-40.00	-90.00	0.00063	-40.00	-100.00	0.00057
-30.00	100.00	0.00107	-30.00	90.00	0.00117
-30.00	80.00	0.00129	-30.00	70.00	0.00141
-30.00	60.00	0.00153	-30.00	50.00	0.00164
-30.00	40.00	0.00172	-30.00	30.00	0.00175
-30.00	25.00	0.00172	-30.00	20.00	0.00165
-30.00	17.00	0.00158	-30.00	15.00	0.00153
-30.00	13.00	0.00147	-30.00	11.00	0.00140
-30.00	9.00	0.00133	-30.00	-9.00	0.00077
-30.00	-11.00	0.00076	-30.00	-13.00	0.00074
-30.00	-15.00	0.00074	-30.00	-17.00	0.00073
-30.00	-20.00	0.00073	-30.00	-25.00	0.00073
-30.00	-30.00	0.00072	-30.00	-40.00	0.00071

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-30.00	-50.00	0.00068	-30.00	-60.00	0.00064
-30.00	-70.00	0.00060	-30.00	-80.00	0.00056
-30.00	-90.00	0.00052	-30.00	-100.00	0.00048
-20.00	100.00	0.00091	-20.00	90.00	0.00099
-20.00	80.00	0.00106	-20.00	70.00	0.00114
-20.00	60.00	0.00120	-20.00	50.00	0.00124
-20.00	40.00	0.00125	-20.00	30.00	0.00122
-20.00	25.00	0.00117	-20.00	20.00	0.00111
-20.00	17.00	0.00106	-20.00	15.00	0.00102
-20.00	13.00	0.00099	-20.00	11.00	0.00095
-20.00	9.00	0.00091	-20.00	-9.00	0.00061
-20.00	-11.00	0.00059	-20.00	-13.00	0.00057
-20.00	-15.00	0.00056	-20.00	-17.00	0.00056
-20.00	-20.00	0.00055	-20.00	-25.00	0.00055
-20.00	-30.00	0.00055	-20.00	-40.00	0.00055
-20.00	-50.00	0.00053	-20.00	-60.00	0.00051
-20.00	-70.00	0.00048	-20.00	-80.00	0.00046
-20.00	-90.00	0.00043	-20.00	-100.00	0.00040

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00078	-10.00	90.00	0.00083
-10.00	80.00	0.00088	-10.00	70.00	0.00092
-10.00	60.00	0.00094	-10.00	50.00	0.00095
-10.00	40.00	0.00093	-10.00	30.00	0.00088
-10.00	25.00	0.00084	-10.00	20.00	0.00080
-10.00	17.00	0.00077	-10.00	15.00	0.00075
-10.00	13.00	0.00072	-10.00	11.00	0.00070
-10.00	9.00	0.00067	-10.00	-9.00	0.00049
-10.00	-11.00	0.00048	-10.00	-13.00	0.00046
-10.00	-15.00	0.00045	-10.00	-17.00	0.00045
-10.00	-20.00	0.00044	-10.00	-25.00	0.00043
-10.00	-30.00	0.00043	-10.00	-40.00	0.00043
-10.00	-50.00	0.00043	-10.00	-60.00	0.00041
-10.00	-70.00	0.00040	-10.00	-80.00	0.00038
-10.00	-90.00	0.00036	-10.00	-100.00	0.00034
0.00	100.00	0.00067	0.00	90.00	0.00070

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

0.00	80.00	0.00072	0.00	70.00	0.00074
0.00	60.00	0.00074	0.00	50.00	0.00074
0.00	40.00	0.00071	0.00	30.00	0.00067
0.00	25.00	0.00064	0.00	20.00	0.00061
0.00	17.00	0.00059	0.00	15.00	0.00057
0.00	13.00	0.00056	0.00	11.00	0.00054
0.00	9.00	0.00052	0.00	-9.00	0.00041
0.00	-11.00	0.00039	0.00	-13.00	0.00038
0.00	-15.00	0.00037	0.00	-17.00	0.00037
0.00	-20.00	0.00036	0.00	-25.00	0.00035
0.00	-30.00	0.00034	0.00	-40.00	0.00034
0.00	-50.00	0.00034	0.00	-60.00	0.00034
0.00	-70.00	0.00033	0.00	-80.00	0.00032
0.00	-90.00	0.00031	0.00	-100.00	0.00029
10.00	100.00	0.00057	10.00	90.00	0.00058
10.00	80.00	0.00060	10.00	70.00	0.00060
10.00	60.00	0.00060	10.00	50.00	0.00058
10.00	40.00	0.00056	10.00	30.00	0.00052
10.00	25.00	0.00050	10.00	20.00	0.00048
10.00	17.00	0.00046	10.00	15.00	0.00045
10.00	13.00	0.00044	10.00	11.00	0.00043
10.00	9.00	0.00042	10.00	-9.00	0.00034
10.00	-11.00	0.00033	10.00	-13.00	0.00032
10.00	-15.00	0.00031	10.00	-17.00	0.00031

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 93
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00030	10.00	-25.00	0.00029
10.00	-30.00	0.00028	10.00	-40.00	0.00028
10.00	-50.00	0.00028	10.00	-60.00	0.00028
10.00	-70.00	0.00028	10.00	-80.00	0.00027
10.00	-90.00	0.00026	10.00	-100.00	0.00025
20.00	100.00	0.00048	20.00	90.00	0.00049
20.00	80.00	0.00049	20.00	70.00	0.00049
20.00	60.00	0.00049	20.00	50.00	0.00047
20.00	40.00	0.00045	20.00	30.00	0.00042
20.00	25.00	0.00041	20.00	20.00	0.00039

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

20.00	17.00	0.00037	20.00	15.00	0.00037
20.00	13.00	0.00036	20.00	11.00	0.00035
20.00	9.00	0.00034	20.00	-9.00	0.00029
20.00	-11.00	0.00028	20.00	-13.00	0.00027
20.00	-15.00	0.00027	20.00	-17.00	0.00026
20.00	-20.00	0.00025	20.00	-25.00	0.00024
20.00	-30.00	0.00024	20.00	-40.00	0.00023
20.00	-50.00	0.00023	20.00	-60.00	0.00023
20.00	-70.00	0.00023	20.00	-80.00	0.00023
20.00	-90.00	0.00023	20.00	-100.00	0.00022
30.00	100.00	0.00041	30.00	90.00	0.00042
30.00	80.00	0.00041	30.00	70.00	0.00041
30.00	60.00	0.00040	30.00	50.00	0.00039
30.00	40.00	0.00037	30.00	30.00	0.00035
30.00	25.00	0.00034	30.00	20.00	0.00032
30.00	17.00	0.00031	30.00	15.00	0.00030
30.00	13.00	0.00030	30.00	11.00	0.00029
30.00	9.00	0.00029	30.00	-9.00	0.00025
30.00	-11.00	0.00024	30.00	-13.00	0.00024
30.00	-15.00	0.00023	30.00	-17.00	0.00023
30.00	-20.00	0.00022	30.00	-25.00	0.00021
30.00	-30.00	0.00021	30.00	-40.00	0.00020
30.00	-50.00	0.00020	30.00	-60.00	0.00020
30.00	-70.00	0.00020	30.00	-80.00	0.00020
30.00	-90.00	0.00019	30.00	-100.00	0.00019
40.00	100.00	0.00035	40.00	90.00	0.00035
40.00	80.00	0.00035	40.00	70.00	0.00034
40.00	60.00	0.00033	40.00	50.00	0.00032
40.00	40.00	0.00031	40.00	30.00	0.00029
40.00	25.00	0.00028	40.00	20.00	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 94
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00026	40.00	15.00	0.00026
40.00	13.00	0.00025	40.00	11.00	0.00025
40.00	9.00	0.00024	40.00	-9.00	0.00022
40.00	-11.00	0.00021	40.00	-13.00	0.00021

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

40.00	-15.00	0.00020	40.00	-17.00	0.00020
40.00	-20.00	0.00019	40.00	-25.00	0.00018
40.00	-30.00	0.00018	40.00	-40.00	0.00017
40.00	-50.00	0.00017	40.00	-60.00	0.00017
40.00	-70.00	0.00017	40.00	-80.00	0.00017
40.00	-90.00	0.00017	40.00	-100.00	0.00017
50.00	100.00	0.00031	50.00	90.00	0.00030
50.00	80.00	0.00030	50.00	70.00	0.00029
50.00	60.00	0.00028	50.00	50.00	0.00027
50.00	40.00	0.00026	50.00	30.00	0.00025
50.00	25.00	0.00024	50.00	20.00	0.00023
50.00	17.00	0.00022	50.00	15.00	0.00022
50.00	13.00	0.00022	50.00	11.00	0.00021
50.00	9.00	0.00021	50.00	-9.00	0.00019
50.00	-11.00	0.00018	50.00	-13.00	0.00018
50.00	-15.00	0.00018	50.00	-17.00	0.00017
50.00	-20.00	0.00017	50.00	-25.00	0.00016
50.00	-30.00	0.00016	50.00	-40.00	0.00015
50.00	-50.00	0.00015	50.00	-60.00	0.00015
50.00	-70.00	0.00014	50.00	-80.00	0.00014
50.00	-90.00	0.00014	50.00	-100.00	0.00014
60.00	100.00	0.00027	60.00	90.00	0.00026
60.00	80.00	0.00026	60.00	70.00	0.00025
60.00	60.00	0.00024	60.00	50.00	0.00024
60.00	40.00	0.00023	60.00	30.00	0.00021
60.00	25.00	0.00020	60.00	20.00	0.00020
60.00	17.00	0.00019	60.00	15.00	0.00019
60.00	13.00	0.00019	60.00	11.00	0.00019
60.00	9.00	0.00018	60.00	-9.00	0.00017
60.00	-11.00	0.00016	60.00	-13.00	0.00016
60.00	-15.00	0.00016	60.00	-17.00	0.00015
60.00	-20.00	0.00015	60.00	-25.00	0.00014
60.00	-30.00	0.00014	60.00	-40.00	0.00013
60.00	-50.00	0.00013	60.00	-60.00	0.00013
60.00	-70.00	0.00013	60.00	-80.00	0.00013
60.00	-90.00	0.00013	60.00	-100.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00023	70.00	90.00	0.00023
70.00	80.00	0.00022	70.00	70.00	0.00022
70.00	60.00	0.00021	70.00	50.00	0.00021
70.00	40.00	0.00020	70.00	30.00	0.00018
70.00	25.00	0.00018	70.00	20.00	0.00017
70.00	17.00	0.00017	70.00	15.00	0.00017
70.00	13.00	0.00016	70.00	11.00	0.00016
70.00	9.00	0.00016	70.00	-9.00	0.00015
70.00	-11.00	0.00015	70.00	-13.00	0.00014
70.00	-15.00	0.00014	70.00	-17.00	0.00014
70.00	-20.00	0.00013	70.00	-25.00	0.00013
70.00	-30.00	0.00012	70.00	-40.00	0.00012
70.00	-50.00	0.00012	70.00	-60.00	0.00011
70.00	-70.00	0.00011	70.00	-80.00	0.00011
70.00	-90.00	0.00011	70.00	-100.00	0.00011
80.00	100.00	0.00020	80.00	90.00	0.00020
80.00	80.00	0.00019	80.00	70.00	0.00019
80.00	60.00	0.00019	80.00	50.00	0.00018
80.00	40.00	0.00017	80.00	30.00	0.00016
80.00	25.00	0.00016	80.00	20.00	0.00015
80.00	17.00	0.00015	80.00	15.00	0.00015
80.00	13.00	0.00015	80.00	11.00	0.00014
80.00	9.00	0.00014	80.00	-9.00	0.00013
80.00	-11.00	0.00013	80.00	-13.00	0.00013
80.00	-15.00	0.00013	80.00	-17.00	0.00012
80.00	-20.00	0.00012	80.00	-25.00	0.00012
80.00	-30.00	0.00011	80.00	-40.00	0.00011
80.00	-50.00	0.00010	80.00	-60.00	0.00010
80.00	-70.00	0.00010	80.00	-80.00	0.00010
80.00	-90.00	0.00010	80.00	-100.00	0.00010
90.00	100.00	0.00018	90.00	90.00	0.00018
90.00	80.00	0.00017	90.00	70.00	0.00017
90.00	60.00	0.00017	90.00	50.00	0.00016
90.00	40.00	0.00015	90.00	30.00	0.00014
90.00	25.00	0.00014	90.00	20.00	0.00013
90.00	17.00	0.00013	90.00	15.00	0.00013
90.00	13.00	0.00013	90.00	11.00	0.00013
90.00	9.00	0.00013	90.00	-9.00	0.00012
90.00	-11.00	0.00012	90.00	-13.00	0.00012
90.00	-15.00	0.00011	90.00	-17.00	0.00011

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00011	90.00	-25.00	0.00011
90.00	-30.00	0.00010	90.00	-40.00	0.00010
90.00	-50.00	0.00009	90.00	-60.00	0.00009
90.00	-70.00	0.00009	90.00	-80.00	0.00009
90.00	-90.00	0.00009	90.00	-100.00	0.00009
100.00	100.00	0.00016	100.00	90.00	0.00016
100.00	80.00	0.00015	100.00	70.00	0.00015
100.00	60.00	0.00015	100.00	50.00	0.00014
100.00	40.00	0.00013	100.00	30.00	0.00013
100.00	25.00	0.00012	100.00	20.00	0.00012
100.00	17.00	0.00012	100.00	15.00	0.00012
100.00	13.00	0.00012	100.00	11.00	0.00012
100.00	9.00	0.00012	100.00	-9.00	0.00011
100.00	-11.00	0.00011	100.00	-13.00	0.00010
100.00	-15.00	0.00010	100.00	-17.00	0.00010
100.00	-20.00	0.00010	100.00	-25.00	0.00010
100.00	-30.00	0.00009	100.00	-40.00	0.00009
100.00	-50.00	0.00008	100.00	-60.00	0.00008
100.00	-70.00	0.00008	100.00	-80.00	0.00008
100.00	-90.00	0.00008	100.00	-100.00	0.00008
110.00	100.00	0.00014	110.00	90.00	0.00014
110.00	80.00	0.00014	110.00	70.00	0.00014
110.00	60.00	0.00013	110.00	50.00	0.00013
110.00	40.00	0.00012	110.00	30.00	0.00011
110.00	25.00	0.00011	110.00	20.00	0.00011
110.00	17.00	0.00011	110.00	15.00	0.00011
110.00	13.00	0.00011	110.00	11.00	0.00010
110.00	9.00	0.00010	110.00	-9.00	0.00010
110.00	-11.00	0.00010	110.00	-13.00	0.00010
110.00	-15.00	0.00009	110.00	-17.00	0.00009
110.00	-20.00	0.00009	110.00	-25.00	0.00009
110.00	-30.00	0.00008	110.00	-40.00	0.00008
110.00	-50.00	0.00008	110.00	-60.00	0.00008
110.00	-70.00	0.00007	110.00	-80.00	0.00007
110.00	-90.00	0.00007	110.00	-100.00	0.00007
120.00	100.00	0.00013	120.00	90.00	0.00013

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

120.00	80.00	0.00012	120.00	70.00	0.00012
120.00	60.00	0.00012	120.00	50.00	0.00011
120.00	40.00	0.00011	120.00	30.00	0.00010
120.00	25.00	0.00010	120.00	20.00	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00010	120.00	15.00	0.00010
120.00	13.00	0.00010	120.00	11.00	0.00010
120.00	9.00	0.00009	120.00	-9.00	0.00009
120.00	-11.00	0.00009	120.00	-13.00	0.00009
120.00	-15.00	0.00009	120.00	-17.00	0.00009
120.00	-20.00	0.00008	120.00	-25.00	0.00008
120.00	-30.00	0.00008	120.00	-40.00	0.00007
120.00	-50.00	0.00007	120.00	-60.00	0.00007
120.00	-70.00	0.00007	120.00	-80.00	0.00007
120.00	-90.00	0.00007	120.00	-100.00	0.00007
130.00	100.00	0.00012	130.00	90.00	0.00011
130.00	80.00	0.00011	130.00	70.00	0.00011
130.00	60.00	0.00011	130.00	50.00	0.00010
130.00	40.00	0.00010	130.00	30.00	0.00009
130.00	25.00	0.00009	130.00	20.00	0.00009
130.00	17.00	0.00009	130.00	15.00	0.00009
130.00	13.00	0.00009	130.00	11.00	0.00009
130.00	9.00	0.00009	130.00	-9.00	0.00008
130.00	-11.00	0.00008	130.00	-13.00	0.00008
130.00	-15.00	0.00008	130.00	-17.00	0.00008
130.00	-20.00	0.00008	130.00	-25.00	0.00007
130.00	-30.00	0.00007	130.00	-40.00	0.00007
130.00	-50.00	0.00006	130.00	-60.00	0.00006
130.00	-70.00	0.00006	130.00	-80.00	0.00006
130.00	-90.00	0.00006	130.00	-100.00	0.00006
140.00	100.00	0.00011	140.00	90.00	0.00010
140.00	80.00	0.00010	140.00	70.00	0.00010
140.00	60.00	0.00010	140.00	50.00	0.00009
140.00	40.00	0.00009	140.00	30.00	0.00008
140.00	25.00	0.00008	140.00	20.00	0.00008

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

140.00	17.00	0.00008	140.00	15.00	0.00008
140.00	13.00	0.00008	140.00	11.00	0.00008
140.00	9.00	0.00008	140.00	-9.00	0.00008
140.00	-11.00	0.00007	140.00	-13.00	0.00007
140.00	-15.00	0.00007	140.00	-17.00	0.00007
140.00	-20.00	0.00007	140.00	-25.00	0.00007
140.00	-30.00	0.00007	140.00	-40.00	0.00006
140.00	-50.00	0.00006	140.00	-60.00	0.00006
140.00	-70.00	0.00006	140.00	-80.00	0.00006
140.00	-90.00	0.00006	140.00	-100.00	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00010	150.00	90.00	0.00010
150.00	80.00	0.00009	150.00	70.00	0.00009
150.00	60.00	0.00009	150.00	50.00	0.00009
150.00	40.00	0.00008	150.00	30.00	0.00008
150.00	25.00	0.00008	150.00	20.00	0.00008
150.00	17.00	0.00007	150.00	15.00	0.00007
150.00	13.00	0.00007	150.00	11.00	0.00007
150.00	9.00	0.00007	150.00	-9.00	0.00007
150.00	-11.00	0.00007	150.00	-13.00	0.00007
150.00	-15.00	0.00007	150.00	-17.00	0.00007
150.00	-20.00	0.00007	150.00	-25.00	0.00006
150.00	-30.00	0.00006	150.00	-40.00	0.00006
150.00	-50.00	0.00006	150.00	-60.00	0.00005
150.00	-70.00	0.00005	150.00	-80.00	0.00005
150.00	-90.00	0.00005	150.00	-100.00	0.00005
160.00	100.00	0.00009	160.00	90.00	0.00009
160.00	80.00	0.00009	160.00	70.00	0.00008
160.00	60.00	0.00008	160.00	50.00	0.00008
160.00	40.00	0.00007	160.00	30.00	0.00007
160.00	25.00	0.00007	160.00	20.00	0.00007
160.00	17.00	0.00007	160.00	15.00	0.00007
160.00	13.00	0.00007	160.00	11.00	0.00007
160.00	9.00	0.00007	160.00	-9.00	0.00006
160.00	-11.00	0.00006	160.00	-13.00	0.00006

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

160.00	-15.00	0.00006	160.00	-17.00	0.00006
160.00	-20.00	0.00006	160.00	-25.00	0.00006
160.00	-30.00	0.00006	160.00	-40.00	0.00005
160.00	-50.00	0.00005	160.00	-60.00	0.00005
160.00	-70.00	0.00005	160.00	-80.00	0.00005
160.00	-90.00	0.00005	160.00	-100.00	0.00005
170.00	100.00	0.00008	170.00	90.00	0.00008
170.00	80.00	0.00008	170.00	70.00	0.00008
170.00	60.00	0.00007	170.00	50.00	0.00007
170.00	40.00	0.00007	170.00	30.00	0.00007
170.00	25.00	0.00006	170.00	20.00	0.00006
170.00	17.00	0.00006	170.00	15.00	0.00006
170.00	13.00	0.00006	170.00	11.00	0.00006
170.00	9.00	0.00006	170.00	-9.00	0.00006
170.00	-11.00	0.00006	170.00	-13.00	0.00006
170.00	-15.00	0.00006	170.00	-17.00	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

17:08:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00006	170.00	-25.00	0.00006
170.00	-30.00	0.00005	170.00	-40.00	0.00005
170.00	-50.00	0.00005	170.00	-60.00	0.00005
170.00	-70.00	0.00005	170.00	-80.00	0.00005
170.00	-90.00	0.00005	170.00	-100.00	0.00005
180.00	100.00	0.00008	180.00	90.00	0.00008
180.00	80.00	0.00007	180.00	70.00	0.00007
180.00	60.00	0.00007	180.00	50.00	0.00007
180.00	40.00	0.00006	180.00	30.00	0.00006
180.00	25.00	0.00006	180.00	20.00	0.00006
180.00	17.00	0.00006	180.00	15.00	0.00006
180.00	13.00	0.00006	180.00	11.00	0.00006
180.00	9.00	0.00006	180.00	-9.00	0.00006
180.00	-11.00	0.00006	180.00	-13.00	0.00006
180.00	-15.00	0.00005	180.00	-17.00	0.00005
180.00	-20.00	0.00005	180.00	-25.00	0.00005
180.00	-30.00	0.00005	180.00	-40.00	0.00005
180.00	-50.00	0.00005	180.00	-60.00	0.00004

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

180.00	-70.00	0.00004	180.00	-80.00	0.00004
180.00	-90.00	0.00004	180.00	-100.00	0.00004
190.00	100.00	0.00007	190.00	90.00	0.00007
190.00	80.00	0.00007	190.00	70.00	0.00007
190.00	60.00	0.00006	190.00	50.00	0.00006
190.00	40.00	0.00006	190.00	30.00	0.00006
190.00	25.00	0.00006	190.00	20.00	0.00006
190.00	17.00	0.00006	190.00	15.00	0.00005
190.00	13.00	0.00005	190.00	11.00	0.00005
190.00	9.00	0.00005	190.00	-9.00	0.00005
190.00	-11.00	0.00005	190.00	-13.00	0.00005
190.00	-15.00	0.00005	190.00	-17.00	0.00005
190.00	-20.00	0.00005	190.00	-25.00	0.00005
190.00	-30.00	0.00005	190.00	-40.00	0.00005
190.00	-50.00	0.00004	190.00	-60.00	0.00004
190.00	-70.00	0.00004	190.00	-80.00	0.00004
190.00	-90.00	0.00004	190.00	-100.00	0.00004
200.00	100.00	0.00007	200.00	90.00	0.00007
200.00	80.00	0.00006	200.00	70.00	0.00006
200.00	60.00	0.00006	200.00	50.00	0.00006
200.00	40.00	0.00005	200.00	30.00	0.00005
200.00	25.00	0.00005	200.00	20.00	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 17:08:00 *** Maximum train overlap at East/West Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00005	200.00	15.00	0.00005
200.00	13.00	0.00005	200.00	11.00	0.00005
200.00	9.00	0.00005	200.00	-9.00	0.00005
200.00	-11.00	0.00005	200.00	-13.00	0.00005
200.00	-15.00	0.00005	200.00	-17.00	0.00005
200.00	-20.00	0.00005	200.00	-25.00	0.00005
200.00	-30.00	0.00004	200.00	-40.00	0.00004
200.00	-50.00	0.00004	200.00	-60.00	0.00004
200.00	-70.00	0.00004	200.00	-80.00	0.00004
200.00	-90.00	0.00004	200.00	-100.00	0.00004
210.00	100.00	0.00006	210.00	90.00	0.00006
210.00	80.00	0.00006	210.00	70.00	0.00006

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

210.00	60.00	0.00005	210.00	50.00	0.00005
210.00	40.00	0.00005	210.00	30.00	0.00005
210.00	25.00	0.00005	210.00	20.00	0.00005
210.00	17.00	0.00005	210.00	15.00	0.00005
210.00	13.00	0.00005	210.00	11.00	0.00005
210.00	9.00	0.00005	210.00	-9.00	0.00005
210.00	-11.00	0.00005	210.00	-13.00	0.00005
210.00	-15.00	0.00005	210.00	-17.00	0.00004
210.00	-20.00	0.00004	210.00	-25.00	0.00004
210.00	-30.00	0.00004	210.00	-40.00	0.00004
210.00	-50.00	0.00004	210.00	-60.00	0.00004
210.00	-70.00	0.00004	210.00	-80.00	0.00004
210.00	-90.00	0.00003	210.00	-100.00	0.00003
220.00	100.00	0.00006	220.00	90.00	0.00006
220.00	80.00	0.00005	220.00	70.00	0.00005
220.00	60.00	0.00005	220.00	50.00	0.00005
220.00	40.00	0.00005	220.00	30.00	0.00005
220.00	25.00	0.00005	220.00	20.00	0.00005
220.00	17.00	0.00005	220.00	15.00	0.00005
220.00	13.00	0.00004	220.00	11.00	0.00004
220.00	9.00	0.00004	220.00	-9.00	0.00004
220.00	-11.00	0.00004	220.00	-13.00	0.00004
220.00	-15.00	0.00004	220.00	-17.00	0.00004
220.00	-20.00	0.00004	220.00	-25.00	0.00004
220.00	-30.00	0.00004	220.00	-40.00	0.00004
220.00	-50.00	0.00004	220.00	-60.00	0.00003
220.00	-70.00	0.00003	220.00	-80.00	0.00003
220.00	-90.00	0.00003	220.00	-100.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 17:08:00 *** Maximum train overlap at East/West Bound Direction ***

**MODELOPTs:
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00005	230.00	90.00	0.00005
230.00	80.00	0.00005	230.00	70.00	0.00005
230.00	60.00	0.00005	230.00	50.00	0.00005
230.00	40.00	0.00004	230.00	30.00	0.00004
230.00	25.00	0.00004	230.00	20.00	0.00004
230.00	17.00	0.00004	230.00	15.00	0.00004

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

230.00	13.00	0.00004	230.00	11.00	0.00004
230.00	9.00	0.00004	230.00	-9.00	0.00004
230.00	-11.00	0.00004	230.00	-13.00	0.00004
230.00	-15.00	0.00004	230.00	-17.00	0.00004
230.00	-20.00	0.00004	230.00	-25.00	0.00004
230.00	-30.00	0.00004	230.00	-40.00	0.00004
230.00	-50.00	0.00003	230.00	-60.00	0.00003
230.00	-70.00	0.00003	230.00	-80.00	0.00003
230.00	-90.00	0.00003	230.00	-100.00	0.00003
240.00	100.00	0.00005	240.00	90.00	0.00005
240.00	80.00	0.00005	240.00	70.00	0.00005
240.00	60.00	0.00004	240.00	50.00	0.00004
240.00	40.00	0.00004	240.00	30.00	0.00004
240.00	25.00	0.00004	240.00	20.00	0.00004
240.00	17.00	0.00004	240.00	15.00	0.00004
240.00	13.00	0.00004	240.00	11.00	0.00004
240.00	9.00	0.00004	240.00	-9.00	0.00004
240.00	-11.00	0.00004	240.00	-13.00	0.00004
240.00	-15.00	0.00004	240.00	-17.00	0.00004
240.00	-20.00	0.00004	240.00	-25.00	0.00004
240.00	-30.00	0.00004	240.00	-40.00	0.00003
240.00	-50.00	0.00003	240.00	-60.00	0.00003
240.00	-70.00	0.00003	240.00	-80.00	0.00003
240.00	-90.00	0.00003	240.00	-100.00	0.00003
250.00	100.00	0.00005	250.00	90.00	0.00005
250.00	80.00	0.00004	250.00	70.00	0.00004
250.00	60.00	0.00004	250.00	50.00	0.00004
250.00	40.00	0.00004	250.00	30.00	0.00004
250.00	25.00	0.00004	250.00	20.00	0.00004
250.00	17.00	0.00004	250.00	15.00	0.00004
250.00	13.00	0.00004	250.00	11.00	0.00004
250.00	9.00	0.00004	250.00	-9.00	0.00004
250.00	-11.00	0.00004	250.00	-13.00	0.00004
250.00	-15.00	0.00004	250.00	-17.00	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:
 PAGE 102

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-----	-----	-----	-----	-----	-----

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

250.00	-20.00	0.00004	250.00	-25.00	0.00003
250.00	-30.00	0.00003	250.00	-40.00	0.00003
250.00	-50.00	0.00003	250.00	-60.00	0.00003
250.00	-70.00	0.00003	250.00	-80.00	0.00003
250.00	-90.00	0.00003	250.00	-100.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

PAGE 103

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00064	-250.00	90.00	0.00068
-250.00	80.00	0.00072	-250.00	70.00	0.00076
-250.00	60.00	0.00079	-250.00	50.00	0.00082
-250.00	40.00	0.00084	-250.00	30.00	0.00086
-250.00	25.00	0.00088	-250.00	20.00	0.00093
-250.00	17.00	0.00097	-250.00	15.00	0.00100
-250.00	13.00	0.00105	-250.00	11.00	0.00110
-250.00	9.00	0.00117	-250.00	-9.00	0.00191
-250.00	-11.00	0.00198	-250.00	-13.00	0.00205
-250.00	-15.00	0.00212	-250.00	-17.00	0.00218
-250.00	-20.00	0.00225	-250.00	-25.00	0.00234
-250.00	-30.00	0.00238	-250.00	-40.00	0.00236
-250.00	-50.00	0.00224	-250.00	-60.00	0.00207
-250.00	-70.00	0.00188	-250.00	-80.00	0.00170
-250.00	-90.00	0.00153	-250.00	-100.00	0.00137
-240.00	100.00	0.00080	-240.00	90.00	0.00087
-240.00	80.00	0.00093	-240.00	70.00	0.00100
-240.00	60.00	0.00106	-240.00	50.00	0.00111
-240.00	40.00	0.00113	-240.00	30.00	0.00113
-240.00	25.00	0.00113	-240.00	20.00	0.00115
-240.00	17.00	0.00117	-240.00	15.00	0.00120
-240.00	13.00	0.00124	-240.00	11.00	0.00130
-240.00	9.00	0.00137	-240.00	-9.00	0.00250
-240.00	-11.00	0.00260	-240.00	-13.00	0.00270
-240.00	-15.00	0.00277	-240.00	-17.00	0.00284
-240.00	-20.00	0.00291	-240.00	-25.00	0.00298
-240.00	-30.00	0.00298	-240.00	-40.00	0.00285
-240.00	-50.00	0.00262	-240.00	-60.00	0.00235
-240.00	-70.00	0.00209	-240.00	-80.00	0.00185

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-240.00	-90.00	0.00164	-240.00	-100.00	0.00145
-230.00	100.00	0.00099	-230.00	90.00	0.00109
-230.00	80.00	0.00121	-230.00	70.00	0.00134
-230.00	60.00	0.00148	-230.00	50.00	0.00162
-230.00	40.00	0.00175	-230.00	30.00	0.00181
-230.00	25.00	0.00181	-230.00	20.00	0.00178
-230.00	17.00	0.00175	-230.00	15.00	0.00174
-230.00	13.00	0.00173	-230.00	11.00	0.00174
-230.00	9.00	0.00178	-230.00	-9.00	0.00359
-230.00	-11.00	0.00367	-230.00	-13.00	0.00373
-230.00	-15.00	0.00376	-230.00	-17.00	0.00378

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 104
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00378	-230.00	-25.00	0.00373
-230.00	-30.00	0.00362	-230.00	-40.00	0.00331
-230.00	-50.00	0.00294	-230.00	-60.00	0.00258
-230.00	-70.00	0.00225	-230.00	-80.00	0.00196
-230.00	-90.00	0.00171	-230.00	-100.00	0.00149
-220.00	100.00	0.00119	-220.00	90.00	0.00133
-220.00	80.00	0.00150	-220.00	70.00	0.00171
-220.00	60.00	0.00196	-220.00	50.00	0.00225
-220.00	40.00	0.00258	-220.00	30.00	0.00296
-220.00	25.00	0.00315	-220.00	20.00	0.00335
-220.00	17.00	0.00347	-220.00	15.00	0.00356
-220.00	13.00	0.00366	-220.00	11.00	0.00379
-220.00	9.00	0.00396	-220.00	-9.00	0.00476
-220.00	-11.00	0.00466	-220.00	-13.00	0.00460
-220.00	-15.00	0.00454	-220.00	-17.00	0.00449
-220.00	-20.00	0.00440	-220.00	-25.00	0.00423
-220.00	-30.00	0.00403	-220.00	-40.00	0.00359
-220.00	-50.00	0.00313	-220.00	-60.00	0.00270
-220.00	-70.00	0.00233	-220.00	-80.00	0.00201
-220.00	-90.00	0.00173	-220.00	-100.00	0.00150
-210.00	100.00	0.00136	-210.00	90.00	0.00155
-210.00	80.00	0.00177	-210.00	70.00	0.00204
-210.00	60.00	0.00237	-210.00	50.00	0.00276

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-210.00	40.00	0.00324	-210.00	30.00	0.00378
-210.00	25.00	0.00406	-210.00	20.00	0.00434
-210.00	17.00	0.00450	-210.00	15.00	0.00459
-210.00	13.00	0.00468	-210.00	11.00	0.00477
-210.00	9.00	0.00488	-210.00	-9.00	0.00496
-210.00	-11.00	0.00486	-210.00	-13.00	0.00479
-210.00	-15.00	0.00473	-210.00	-17.00	0.00467
-210.00	-20.00	0.00458	-210.00	-25.00	0.00439
-210.00	-30.00	0.00418	-210.00	-40.00	0.00369
-210.00	-50.00	0.00319	-210.00	-60.00	0.00274
-210.00	-70.00	0.00234	-210.00	-80.00	0.00200
-210.00	-90.00	0.00171	-210.00	-100.00	0.00148
-200.00	100.00	0.00151	-200.00	90.00	0.00172
-200.00	80.00	0.00198	-200.00	70.00	0.00229
-200.00	60.00	0.00267	-200.00	50.00	0.00313
-200.00	40.00	0.00367	-200.00	30.00	0.00427
-200.00	25.00	0.00457	-200.00	20.00	0.00483

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

PAGE 105

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00496	-200.00	15.00	0.00503
-200.00	13.00	0.00509	-200.00	11.00	0.00514
-200.00	9.00	0.00520	-200.00	-9.00	0.00498
-200.00	-11.00	0.00488	-200.00	-13.00	0.00481
-200.00	-15.00	0.00475	-200.00	-17.00	0.00468
-200.00	-20.00	0.00458	-200.00	-25.00	0.00439
-200.00	-30.00	0.00416	-200.00	-40.00	0.00365
-200.00	-50.00	0.00314	-200.00	-60.00	0.00268
-200.00	-70.00	0.00228	-200.00	-80.00	0.00194
-200.00	-90.00	0.00165	-200.00	-100.00	0.00142
-190.00	100.00	0.00161	-190.00	90.00	0.00184
-190.00	80.00	0.00213	-190.00	70.00	0.00247
-190.00	60.00	0.00288	-190.00	50.00	0.00337
-190.00	40.00	0.00394	-190.00	30.00	0.00455
-190.00	25.00	0.00483	-190.00	20.00	0.00506
-190.00	17.00	0.00517	-190.00	15.00	0.00522
-190.00	13.00	0.00525	-190.00	11.00	0.00528

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-190.00	9.00	0.00532	-190.00	-9.00	0.00491
-190.00	-11.00	0.00480	-190.00	-13.00	0.00472
-190.00	-15.00	0.00465	-190.00	-17.00	0.00458
-190.00	-20.00	0.00447	-190.00	-25.00	0.00426
-190.00	-30.00	0.00402	-190.00	-40.00	0.00351
-190.00	-50.00	0.00300	-190.00	-60.00	0.00254
-190.00	-70.00	0.00215	-190.00	-80.00	0.00182
-190.00	-90.00	0.00155	-190.00	-100.00	0.00133
-180.00	100.00	0.00167	-180.00	90.00	0.00192
-180.00	80.00	0.00222	-180.00	70.00	0.00258
-180.00	60.00	0.00300	-180.00	50.00	0.00351
-180.00	40.00	0.00407	-180.00	30.00	0.00467
-180.00	25.00	0.00494	-180.00	20.00	0.00516
-180.00	17.00	0.00524	-180.00	15.00	0.00528
-180.00	13.00	0.00531	-180.00	11.00	0.00532
-180.00	9.00	0.00533	-180.00	-9.00	0.00475
-180.00	-11.00	0.00463	-180.00	-13.00	0.00453
-180.00	-15.00	0.00445	-180.00	-17.00	0.00437
-180.00	-20.00	0.00425	-180.00	-25.00	0.00402
-180.00	-30.00	0.00378	-180.00	-40.00	0.00327
-180.00	-50.00	0.00277	-180.00	-60.00	0.00234
-180.00	-70.00	0.00197	-180.00	-80.00	0.00166
-180.00	-90.00	0.00142	-180.00	-100.00	0.00121

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTS:
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00169	-170.00	90.00	0.00194
-170.00	80.00	0.00225	-170.00	70.00	0.00261
-170.00	60.00	0.00304	-170.00	50.00	0.00354
-170.00	40.00	0.00411	-170.00	30.00	0.00469
-170.00	25.00	0.00495	-170.00	20.00	0.00516
-170.00	17.00	0.00524	-170.00	15.00	0.00527
-170.00	13.00	0.00528	-170.00	11.00	0.00528
-170.00	9.00	0.00527	-170.00	-9.00	0.00449
-170.00	-11.00	0.00435	-170.00	-13.00	0.00424
-170.00	-15.00	0.00414	-170.00	-17.00	0.00404
-170.00	-20.00	0.00390	-170.00	-25.00	0.00366

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-170.00	-30.00	0.00342	-170.00	-40.00	0.00292
-170.00	-50.00	0.00247	-170.00	-60.00	0.00207
-170.00	-70.00	0.00174	-170.00	-80.00	0.00147
-170.00	-90.00	0.00125	-170.00	-100.00	0.00108
-160.00	100.00	0.00165	-160.00	90.00	0.00190
-160.00	80.00	0.00220	-160.00	70.00	0.00255
-160.00	60.00	0.00298	-160.00	50.00	0.00348
-160.00	40.00	0.00404	-160.00	30.00	0.00462
-160.00	25.00	0.00487	-160.00	20.00	0.00508
-160.00	17.00	0.00516	-160.00	15.00	0.00519
-160.00	13.00	0.00519	-160.00	11.00	0.00517
-160.00	9.00	0.00515	-160.00	-9.00	0.00409
-160.00	-11.00	0.00392	-160.00	-13.00	0.00379
-160.00	-15.00	0.00367	-160.00	-17.00	0.00355
-160.00	-20.00	0.00340	-160.00	-25.00	0.00315
-160.00	-30.00	0.00291	-160.00	-40.00	0.00247
-160.00	-50.00	0.00208	-160.00	-60.00	0.00175
-160.00	-70.00	0.00147	-160.00	-80.00	0.00125
-160.00	-90.00	0.00107	-160.00	-100.00	0.00093
-150.00	100.00	0.00156	-150.00	90.00	0.00178
-150.00	80.00	0.00205	-150.00	70.00	0.00238
-150.00	60.00	0.00278	-150.00	50.00	0.00325
-150.00	40.00	0.00380	-150.00	30.00	0.00439
-150.00	25.00	0.00467	-150.00	20.00	0.00490
-150.00	17.00	0.00498	-150.00	15.00	0.00500
-150.00	13.00	0.00501	-150.00	11.00	0.00499
-150.00	9.00	0.00496	-150.00	-9.00	0.00348
-150.00	-11.00	0.00327	-150.00	-13.00	0.00311
-150.00	-15.00	0.00297	-150.00	-17.00	0.00285

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:
 PAGE 107

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00269	-150.00	-25.00	0.00246
-150.00	-30.00	0.00226	-150.00	-40.00	0.00192
-150.00	-50.00	0.00163	-150.00	-60.00	0.00140
-150.00	-70.00	0.00120	-150.00	-80.00	0.00104
-150.00	-90.00	0.00090	-150.00	-100.00	0.00079

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-140.00	100.00	0.00141	-140.00	90.00	0.00160
-140.00	80.00	0.00182	-140.00	70.00	0.00208
-140.00	60.00	0.00240	-140.00	50.00	0.00278
-140.00	40.00	0.00322	-140.00	30.00	0.00373
-140.00	25.00	0.00400	-140.00	20.00	0.00426
-140.00	17.00	0.00439	-140.00	15.00	0.00446
-140.00	13.00	0.00451	-140.00	11.00	0.00454
-140.00	9.00	0.00454	-140.00	-9.00	0.00234
-140.00	-11.00	0.00215	-140.00	-13.00	0.00201
-140.00	-15.00	0.00192	-140.00	-17.00	0.00184
-140.00	-20.00	0.00175	-140.00	-25.00	0.00163
-140.00	-30.00	0.00154	-140.00	-40.00	0.00137
-140.00	-50.00	0.00122	-140.00	-60.00	0.00108
-140.00	-70.00	0.00096	-140.00	-80.00	0.00085
-140.00	-90.00	0.00075	-140.00	-100.00	0.00067
-130.00	100.00	0.00124	-130.00	90.00	0.00138
-130.00	80.00	0.00155	-130.00	70.00	0.00173
-130.00	60.00	0.00194	-130.00	50.00	0.00216
-130.00	40.00	0.00239	-130.00	30.00	0.00259
-130.00	25.00	0.00266	-130.00	20.00	0.00268
-130.00	17.00	0.00265	-130.00	15.00	0.00261
-130.00	13.00	0.00254	-130.00	11.00	0.00245
-130.00	9.00	0.00232	-130.00	-9.00	0.00109
-130.00	-11.00	0.00107	-130.00	-13.00	0.00106
-130.00	-15.00	0.00105	-130.00	-17.00	0.00105
-130.00	-20.00	0.00104	-130.00	-25.00	0.00103
-130.00	-30.00	0.00101	-130.00	-40.00	0.00097
-130.00	-50.00	0.00091	-130.00	-60.00	0.00083
-130.00	-70.00	0.00076	-130.00	-80.00	0.00069
-130.00	-90.00	0.00063	-130.00	-100.00	0.00057
-120.00	100.00	0.00107	-120.00	90.00	0.00117
-120.00	80.00	0.00129	-120.00	70.00	0.00141
-120.00	60.00	0.00153	-120.00	50.00	0.00164
-120.00	40.00	0.00172	-120.00	30.00	0.00175
-120.00	25.00	0.00172	-120.00	20.00	0.00165

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 17:08:00
 **MODELOPTs:
 PAGE 108
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

 INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00158	-120.00	15.00	0.00153
-120.00	13.00	0.00147	-120.00	11.00	0.00140
-120.00	9.00	0.00133	-120.00	-9.00	0.00077
-120.00	-11.00	0.00076	-120.00	-13.00	0.00074
-120.00	-15.00	0.00074	-120.00	-17.00	0.00073
-120.00	-20.00	0.00073	-120.00	-25.00	0.00073
-120.00	-30.00	0.00072	-120.00	-40.00	0.00071
-120.00	-50.00	0.00068	-120.00	-60.00	0.00064
-120.00	-70.00	0.00060	-120.00	-80.00	0.00056
-120.00	-90.00	0.00052	-120.00	-100.00	0.00048
-110.00	100.00	0.00091	-110.00	90.00	0.00099
-110.00	80.00	0.00106	-110.00	70.00	0.00114
-110.00	60.00	0.00120	-110.00	50.00	0.00124
-110.00	40.00	0.00125	-110.00	30.00	0.00122
-110.00	25.00	0.00117	-110.00	20.00	0.00111
-110.00	17.00	0.00106	-110.00	15.00	0.00102
-110.00	13.00	0.00099	-110.00	11.00	0.00095
-110.00	9.00	0.00091	-110.00	-9.00	0.00061
-110.00	-11.00	0.00059	-110.00	-13.00	0.00057
-110.00	-15.00	0.00056	-110.00	-17.00	0.00056
-110.00	-20.00	0.00055	-110.00	-25.00	0.00055
-110.00	-30.00	0.00055	-110.00	-40.00	0.00055
-110.00	-50.00	0.00053	-110.00	-60.00	0.00051
-110.00	-70.00	0.00048	-110.00	-80.00	0.00046
-110.00	-90.00	0.00043	-110.00	-100.00	0.00040
-100.00	100.00	0.00078	-100.00	90.00	0.00083
-100.00	80.00	0.00088	-100.00	70.00	0.00092
-100.00	60.00	0.00094	-100.00	50.00	0.00095
-100.00	40.00	0.00093	-100.00	30.00	0.00088
-100.00	25.00	0.00084	-100.00	20.00	0.00080
-100.00	17.00	0.00077	-100.00	15.00	0.00075
-100.00	13.00	0.00072	-100.00	11.00	0.00070
-100.00	9.00	0.00067	-100.00	-9.00	0.00049
-100.00	-11.00	0.00048	-100.00	-13.00	0.00046
-100.00	-15.00	0.00045	-100.00	-17.00	0.00045
-100.00	-20.00	0.00044	-100.00	-25.00	0.00043
-100.00	-30.00	0.00043	-100.00	-40.00	0.00043
-100.00	-50.00	0.00043	-100.00	-60.00	0.00041
-100.00	-70.00	0.00040	-100.00	-80.00	0.00038
-100.00	-90.00	0.00036	-100.00	-100.00	0.00034

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:08:00

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00067	-90.00	90.00	0.00070
-90.00	80.00	0.00072	-90.00	70.00	0.00074
-90.00	60.00	0.00074	-90.00	50.00	0.00074
-90.00	40.00	0.00071	-90.00	30.00	0.00067
-90.00	25.00	0.00064	-90.00	20.00	0.00061
-90.00	17.00	0.00059	-90.00	15.00	0.00057
-90.00	13.00	0.00056	-90.00	11.00	0.00054
-90.00	9.00	0.00052	-90.00	-9.00	0.00041
-90.00	-11.00	0.00039	-90.00	-13.00	0.00038
-90.00	-15.00	0.00037	-90.00	-17.00	0.00037
-90.00	-20.00	0.00036	-90.00	-25.00	0.00035
-90.00	-30.00	0.00034	-90.00	-40.00	0.00034
-90.00	-50.00	0.00034	-90.00	-60.00	0.00034
-90.00	-70.00	0.00033	-90.00	-80.00	0.00032
-90.00	-90.00	0.00031	-90.00	-100.00	0.00029
-80.00	100.00	0.00057	-80.00	90.00	0.00058
-80.00	80.00	0.00060	-80.00	70.00	0.00060
-80.00	60.00	0.00060	-80.00	50.00	0.00058
-80.00	40.00	0.00056	-80.00	30.00	0.00052
-80.00	25.00	0.00050	-80.00	20.00	0.00048
-80.00	17.00	0.00046	-80.00	15.00	0.00045
-80.00	13.00	0.00044	-80.00	11.00	0.00043
-80.00	9.00	0.00042	-80.00	-9.00	0.00034
-80.00	-11.00	0.00033	-80.00	-13.00	0.00032
-80.00	-15.00	0.00031	-80.00	-17.00	0.00031
-80.00	-20.00	0.00030	-80.00	-25.00	0.00029
-80.00	-30.00	0.00028	-80.00	-40.00	0.00028
-80.00	-50.00	0.00028	-80.00	-60.00	0.00028
-80.00	-70.00	0.00028	-80.00	-80.00	0.00027
-80.00	-90.00	0.00026	-80.00	-100.00	0.00025
-70.00	100.00	0.00048	-70.00	90.00	0.00049
-70.00	80.00	0.00049	-70.00	70.00	0.00049
-70.00	60.00	0.00049	-70.00	50.00	0.00047
-70.00	40.00	0.00045	-70.00	30.00	0.00042
-70.00	25.00	0.00041	-70.00	20.00	0.00039
-70.00	17.00	0.00037	-70.00	15.00	0.00037
-70.00	13.00	0.00036	-70.00	11.00	0.00035

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-70.00	9.00	0.00034	-70.00	-9.00	0.00029
-70.00	-11.00	0.00028	-70.00	-13.00	0.00027
-70.00	-15.00	0.00027	-70.00	-17.00	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

PAGE 110

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00025	-70.00	-25.00	0.00024
-70.00	-30.00	0.00024	-70.00	-40.00	0.00023
-70.00	-50.00	0.00023	-70.00	-60.00	0.00023
-70.00	-70.00	0.00023	-70.00	-80.00	0.00023
-70.00	-90.00	0.00023	-70.00	-100.00	0.00022
-60.00	100.00	0.00041	-60.00	90.00	0.00042
-60.00	80.00	0.00041	-60.00	70.00	0.00041
-60.00	60.00	0.00040	-60.00	50.00	0.00039
-60.00	40.00	0.00037	-60.00	30.00	0.00035
-60.00	25.00	0.00034	-60.00	20.00	0.00032
-60.00	17.00	0.00031	-60.00	15.00	0.00030
-60.00	13.00	0.00030	-60.00	11.00	0.00029
-60.00	9.00	0.00029	-60.00	-9.00	0.00025
-60.00	-11.00	0.00024	-60.00	-13.00	0.00024
-60.00	-15.00	0.00023	-60.00	-17.00	0.00023
-60.00	-20.00	0.00022	-60.00	-25.00	0.00021
-60.00	-30.00	0.00021	-60.00	-40.00	0.00020
-60.00	-50.00	0.00020	-60.00	-60.00	0.00020
-60.00	-70.00	0.00020	-60.00	-80.00	0.00020
-60.00	-90.00	0.00019	-60.00	-100.00	0.00019
-50.00	100.00	0.00035	-50.00	90.00	0.00035
-50.00	80.00	0.00035	-50.00	70.00	0.00034
-50.00	60.00	0.00033	-50.00	50.00	0.00032
-50.00	40.00	0.00031	-50.00	30.00	0.00029
-50.00	25.00	0.00028	-50.00	20.00	0.00027
-50.00	17.00	0.00026	-50.00	15.00	0.00026
-50.00	13.00	0.00025	-50.00	11.00	0.00025
-50.00	9.00	0.00024	-50.00	-9.00	0.00022
-50.00	-11.00	0.00021	-50.00	-13.00	0.00021
-50.00	-15.00	0.00020	-50.00	-17.00	0.00020
-50.00	-20.00	0.00019	-50.00	-25.00	0.00018

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-50.00	-30.00	0.00018	-50.00	-40.00	0.00017
-50.00	-50.00	0.00017	-50.00	-60.00	0.00017
-50.00	-70.00	0.00017	-50.00	-80.00	0.00017
-50.00	-90.00	0.00017	-50.00	-100.00	0.00017
-40.00	100.00	0.00031	-40.00	90.00	0.00030
-40.00	80.00	0.00030	-40.00	70.00	0.00029
-40.00	60.00	0.00028	-40.00	50.00	0.00027
-40.00	40.00	0.00026	-40.00	30.00	0.00025
-40.00	25.00	0.00024	-40.00	20.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00022	-40.00	15.00	0.00022
-40.00	13.00	0.00022	-40.00	11.00	0.00021
-40.00	9.00	0.00021	-40.00	-9.00	0.00019
-40.00	-11.00	0.00018	-40.00	-13.00	0.00018
-40.00	-15.00	0.00018	-40.00	-17.00	0.00017
-40.00	-20.00	0.00017	-40.00	-25.00	0.00016
-40.00	-30.00	0.00016	-40.00	-40.00	0.00015
-40.00	-50.00	0.00015	-40.00	-60.00	0.00015
-40.00	-70.00	0.00014	-40.00	-80.00	0.00014
-40.00	-90.00	0.00014	-40.00	-100.00	0.00014
-30.00	100.00	0.00027	-30.00	90.00	0.00026
-30.00	80.00	0.00026	-30.00	70.00	0.00025
-30.00	60.00	0.00024	-30.00	50.00	0.00024
-30.00	40.00	0.00023	-30.00	30.00	0.00021
-30.00	25.00	0.00020	-30.00	20.00	0.00020
-30.00	17.00	0.00019	-30.00	15.00	0.00019
-30.00	13.00	0.00019	-30.00	11.00	0.00019
-30.00	9.00	0.00018	-30.00	-9.00	0.00017
-30.00	-11.00	0.00016	-30.00	-13.00	0.00016
-30.00	-15.00	0.00016	-30.00	-17.00	0.00015
-30.00	-20.00	0.00015	-30.00	-25.00	0.00014
-30.00	-30.00	0.00014	-30.00	-40.00	0.00013
-30.00	-50.00	0.00013	-30.00	-60.00	0.00013
-30.00	-70.00	0.00013	-30.00	-80.00	0.00013
-30.00	-90.00	0.00013	-30.00	-100.00	0.00013

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-20.00	100.00	0.00023	-20.00	90.00	0.00023
-20.00	80.00	0.00022	-20.00	70.00	0.00022
-20.00	60.00	0.00021	-20.00	50.00	0.00021
-20.00	40.00	0.00020	-20.00	30.00	0.00018
-20.00	25.00	0.00018	-20.00	20.00	0.00017
-20.00	17.00	0.00017	-20.00	15.00	0.00017
-20.00	13.00	0.00016	-20.00	11.00	0.00016
-20.00	9.00	0.00016	-20.00	-9.00	0.00015
-20.00	-11.00	0.00015	-20.00	-13.00	0.00014
-20.00	-15.00	0.00014	-20.00	-17.00	0.00014
-20.00	-20.00	0.00013	-20.00	-25.00	0.00013
-20.00	-30.00	0.00012	-20.00	-40.00	0.00012
-20.00	-50.00	0.00012	-20.00	-60.00	0.00011
-20.00	-70.00	0.00011	-20.00	-80.00	0.00011
-20.00	-90.00	0.00011	-20.00	-100.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:
 PAGE 112

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00020	-10.00	90.00	0.00020
-10.00	80.00	0.00019	-10.00	70.00	0.00019
-10.00	60.00	0.00019	-10.00	50.00	0.00018
-10.00	40.00	0.00017	-10.00	30.00	0.00016
-10.00	25.00	0.00016	-10.00	20.00	0.00015
-10.00	17.00	0.00015	-10.00	15.00	0.00015
-10.00	13.00	0.00015	-10.00	11.00	0.00014
-10.00	9.00	0.00014	-10.00	-9.00	0.00013
-10.00	-11.00	0.00013	-10.00	-13.00	0.00013
-10.00	-15.00	0.00013	-10.00	-17.00	0.00012
-10.00	-20.00	0.00012	-10.00	-25.00	0.00012
-10.00	-30.00	0.00011	-10.00	-40.00	0.00011
-10.00	-50.00	0.00010	-10.00	-60.00	0.00010
-10.00	-70.00	0.00010	-10.00	-80.00	0.00010
-10.00	-90.00	0.00010	-10.00	-100.00	0.00010
0.00	100.00	0.00018	0.00	90.00	0.00018
0.00	80.00	0.00017	0.00	70.00	0.00017
0.00	60.00	0.00017	0.00	50.00	0.00016
0.00	40.00	0.00015	0.00	30.00	0.00014

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

0.00	25.00	0.00014	0.00	20.00	0.00013
0.00	17.00	0.00013	0.00	15.00	0.00013
0.00	13.00	0.00013	0.00	11.00	0.00013
0.00	9.00	0.00013	0.00	-9.00	0.00012
0.00	-11.00	0.00012	0.00	-13.00	0.00012
0.00	-15.00	0.00011	0.00	-17.00	0.00011
0.00	-20.00	0.00011	0.00	-25.00	0.00011
0.00	-30.00	0.00010	0.00	-40.00	0.00010
0.00	-50.00	0.00009	0.00	-60.00	0.00009
0.00	-70.00	0.00009	0.00	-80.00	0.00009
0.00	-90.00	0.00009	0.00	-100.00	0.00009
10.00	100.00	0.00016	10.00	90.00	0.00016
10.00	80.00	0.00015	10.00	70.00	0.00015
10.00	60.00	0.00015	10.00	50.00	0.00014
10.00	40.00	0.00013	10.00	30.00	0.00013
10.00	25.00	0.00012	10.00	20.00	0.00012
10.00	17.00	0.00012	10.00	15.00	0.00012
10.00	13.00	0.00012	10.00	11.00	0.00012
10.00	9.00	0.00012	10.00	-9.00	0.00011
10.00	-11.00	0.00011	10.00	-13.00	0.00010
10.00	-15.00	0.00010	10.00	-17.00	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 113
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00010	10.00	-25.00	0.00010
10.00	-30.00	0.00009	10.00	-40.00	0.00009
10.00	-50.00	0.00008	10.00	-60.00	0.00008
10.00	-70.00	0.00008	10.00	-80.00	0.00008
10.00	-90.00	0.00008	10.00	-100.00	0.00008
20.00	100.00	0.00014	20.00	90.00	0.00014
20.00	80.00	0.00014	20.00	70.00	0.00014
20.00	60.00	0.00013	20.00	50.00	0.00013
20.00	40.00	0.00012	20.00	30.00	0.00011
20.00	25.00	0.00011	20.00	20.00	0.00011
20.00	17.00	0.00011	20.00	15.00	0.00011
20.00	13.00	0.00011	20.00	11.00	0.00010
20.00	9.00	0.00010	20.00	-9.00	0.00010

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

20.00	-11.00	0.00010	20.00	-13.00	0.00010
20.00	-15.00	0.00009	20.00	-17.00	0.00009
20.00	-20.00	0.00009	20.00	-25.00	0.00009
20.00	-30.00	0.00008	20.00	-40.00	0.00008
20.00	-50.00	0.00008	20.00	-60.00	0.00008
20.00	-70.00	0.00007	20.00	-80.00	0.00007
20.00	-90.00	0.00007	20.00	-100.00	0.00007
30.00	100.00	0.00013	30.00	90.00	0.00013
30.00	80.00	0.00012	30.00	70.00	0.00012
30.00	60.00	0.00012	30.00	50.00	0.00011
30.00	40.00	0.00011	30.00	30.00	0.00010
30.00	25.00	0.00010	30.00	20.00	0.00010
30.00	17.00	0.00010	30.00	15.00	0.00010
30.00	13.00	0.00010	30.00	11.00	0.00010
30.00	9.00	0.00009	30.00	-9.00	0.00009
30.00	-11.00	0.00009	30.00	-13.00	0.00009
30.00	-15.00	0.00009	30.00	-17.00	0.00009
30.00	-20.00	0.00008	30.00	-25.00	0.00008
30.00	-30.00	0.00008	30.00	-40.00	0.00007
30.00	-50.00	0.00007	30.00	-60.00	0.00007
30.00	-70.00	0.00007	30.00	-80.00	0.00007
30.00	-90.00	0.00007	30.00	-100.00	0.00007
40.00	100.00	0.00012	40.00	90.00	0.00011
40.00	80.00	0.00011	40.00	70.00	0.00011
40.00	60.00	0.00011	40.00	50.00	0.00010
40.00	40.00	0.00010	40.00	30.00	0.00009
40.00	25.00	0.00009	40.00	20.00	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 114
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00009	40.00	15.00	0.00009
40.00	13.00	0.00009	40.00	11.00	0.00009
40.00	9.00	0.00009	40.00	-9.00	0.00008
40.00	-11.00	0.00008	40.00	-13.00	0.00008
40.00	-15.00	0.00008	40.00	-17.00	0.00008
40.00	-20.00	0.00008	40.00	-25.00	0.00007
40.00	-30.00	0.00007	40.00	-40.00	0.00007

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

40.00	-50.00	0.00006	40.00	-60.00	0.00006
40.00	-70.00	0.00006	40.00	-80.00	0.00006
40.00	-90.00	0.00006	40.00	-100.00	0.00006
50.00	100.00	0.00011	50.00	90.00	0.00010
50.00	80.00	0.00010	50.00	70.00	0.00010
50.00	60.00	0.00010	50.00	50.00	0.00009
50.00	40.00	0.00009	50.00	30.00	0.00008
50.00	25.00	0.00008	50.00	20.00	0.00008
50.00	17.00	0.00008	50.00	15.00	0.00008
50.00	13.00	0.00008	50.00	11.00	0.00008
50.00	9.00	0.00008	50.00	-9.00	0.00008
50.00	-11.00	0.00007	50.00	-13.00	0.00007
50.00	-15.00	0.00007	50.00	-17.00	0.00007
50.00	-20.00	0.00007	50.00	-25.00	0.00007
50.00	-30.00	0.00007	50.00	-40.00	0.00006
50.00	-50.00	0.00006	50.00	-60.00	0.00006
50.00	-70.00	0.00006	50.00	-80.00	0.00006
50.00	-90.00	0.00006	50.00	-100.00	0.00006
60.00	100.00	0.00010	60.00	90.00	0.00010
60.00	80.00	0.00009	60.00	70.00	0.00009
60.00	60.00	0.00009	60.00	50.00	0.00009
60.00	40.00	0.00008	60.00	30.00	0.00008
60.00	25.00	0.00008	60.00	20.00	0.00008
60.00	17.00	0.00007	60.00	15.00	0.00007
60.00	13.00	0.00007	60.00	11.00	0.00007
60.00	9.00	0.00007	60.00	-9.00	0.00007
60.00	-11.00	0.00007	60.00	-13.00	0.00007
60.00	-15.00	0.00007	60.00	-17.00	0.00007
60.00	-20.00	0.00007	60.00	-25.00	0.00006
60.00	-30.00	0.00006	60.00	-40.00	0.00006
60.00	-50.00	0.00006	60.00	-60.00	0.00005
60.00	-70.00	0.00005	60.00	-80.00	0.00005
60.00	-90.00	0.00005	60.00	-100.00	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 115
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00009	70.00	90.00	0.00009

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

70.00	80.00	0.00009	70.00	70.00	0.00008
70.00	60.00	0.00008	70.00	50.00	0.00008
70.00	40.00	0.00007	70.00	30.00	0.00007
70.00	25.00	0.00007	70.00	20.00	0.00007
70.00	17.00	0.00007	70.00	15.00	0.00007
70.00	13.00	0.00007	70.00	11.00	0.00007
70.00	9.00	0.00007	70.00	-9.00	0.00006
70.00	-11.00	0.00006	70.00	-13.00	0.00006
70.00	-15.00	0.00006	70.00	-17.00	0.00006
70.00	-20.00	0.00006	70.00	-25.00	0.00006
70.00	-30.00	0.00006	70.00	-40.00	0.00005
70.00	-50.00	0.00005	70.00	-60.00	0.00005
70.00	-70.00	0.00005	70.00	-80.00	0.00005
70.00	-90.00	0.00005	70.00	-100.00	0.00005
80.00	100.00	0.00008	80.00	90.00	0.00008
80.00	80.00	0.00008	80.00	70.00	0.00008
80.00	60.00	0.00007	80.00	50.00	0.00007
80.00	40.00	0.00007	80.00	30.00	0.00007
80.00	25.00	0.00006	80.00	20.00	0.00006
80.00	17.00	0.00006	80.00	15.00	0.00006
80.00	13.00	0.00006	80.00	11.00	0.00006
80.00	9.00	0.00006	80.00	-9.00	0.00006
80.00	-11.00	0.00006	80.00	-13.00	0.00006
80.00	-15.00	0.00006	80.00	-17.00	0.00006
80.00	-20.00	0.00006	80.00	-25.00	0.00006
80.00	-30.00	0.00005	80.00	-40.00	0.00005
80.00	-50.00	0.00005	80.00	-60.00	0.00005
80.00	-70.00	0.00005	80.00	-80.00	0.00005
80.00	-90.00	0.00005	80.00	-100.00	0.00005
90.00	100.00	0.00008	90.00	90.00	0.00008
90.00	80.00	0.00007	90.00	70.00	0.00007
90.00	60.00	0.00007	90.00	50.00	0.00007
90.00	40.00	0.00006	90.00	30.00	0.00006
90.00	25.00	0.00006	90.00	20.00	0.00006
90.00	17.00	0.00006	90.00	15.00	0.00006
90.00	13.00	0.00006	90.00	11.00	0.00006
90.00	9.00	0.00006	90.00	-9.00	0.00006
90.00	-11.00	0.00006	90.00	-13.00	0.00006
90.00	-15.00	0.00005	90.00	-17.00	0.00005

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:08:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
90.00	-20.00	0.00005	90.00	-25.00	0.00005	
90.00	-30.00	0.00005	90.00	-40.00	0.00005	
90.00	-50.00	0.00005	90.00	-60.00	0.00004	
90.00	-70.00	0.00004	90.00	-80.00	0.00004	
90.00	-90.00	0.00004	90.00	-100.00	0.00004	
100.00	100.00	0.00007	100.00	90.00	0.00007	
100.00	80.00	0.00007	100.00	70.00	0.00007	
100.00	60.00	0.00006	100.00	50.00	0.00006	
100.00	40.00	0.00006	100.00	30.00	0.00006	
100.00	25.00	0.00006	100.00	20.00	0.00006	
100.00	17.00	0.00006	100.00	15.00	0.00005	
100.00	13.00	0.00005	100.00	11.00	0.00005	
100.00	9.00	0.00005	100.00	-9.00	0.00005	
100.00	-11.00	0.00005	100.00	-13.00	0.00005	
100.00	-15.00	0.00005	100.00	-17.00	0.00005	
100.00	-20.00	0.00005	100.00	-25.00	0.00005	
100.00	-30.00	0.00005	100.00	-40.00	0.00005	
100.00	-50.00	0.00004	100.00	-60.00	0.00004	
100.00	-70.00	0.00004	100.00	-80.00	0.00004	
100.00	-90.00	0.00004	100.00	-100.00	0.00004	
110.00	100.00	0.00007	110.00	90.00	0.00007	
110.00	80.00	0.00006	110.00	70.00	0.00006	
110.00	60.00	0.00006	110.00	50.00	0.00006	
110.00	40.00	0.00005	110.00	30.00	0.00005	
110.00	25.00	0.00005	110.00	20.00	0.00005	
110.00	17.00	0.00005	110.00	15.00	0.00005	
110.00	13.00	0.00005	110.00	11.00	0.00005	
110.00	9.00	0.00005	110.00	-9.00	0.00005	
110.00	-11.00	0.00005	110.00	-13.00	0.00005	
110.00	-15.00	0.00005	110.00	-17.00	0.00005	
110.00	-20.00	0.00005	110.00	-25.00	0.00005	
110.00	-30.00	0.00004	110.00	-40.00	0.00004	
110.00	-50.00	0.00004	110.00	-60.00	0.00004	
110.00	-70.00	0.00004	110.00	-80.00	0.00004	
110.00	-90.00	0.00004	110.00	-100.00	0.00004	
120.00	100.00	0.00006	120.00	90.00	0.00006	
120.00	80.00	0.00006	120.00	70.00	0.00006	
120.00	60.00	0.00005	120.00	50.00	0.00005	
120.00	40.00	0.00005	120.00	30.00	0.00005	

120.00 25.00 0.00005 120.00 20.00 0.00005

1 *** ISCST3 - VERSION 02035 *** 04/20/08
 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 117
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00005	120.00	15.00	0.00005
120.00	13.00	0.00005	120.00	11.00	0.00005
120.00	9.00	0.00005	120.00	-9.00	0.00005
120.00	-11.00	0.00005	120.00	-13.00	0.00005
120.00	-15.00	0.00005	120.00	-17.00	0.00004
120.00	-20.00	0.00004	120.00	-25.00	0.00004
120.00	-30.00	0.00004	120.00	-40.00	0.00004
120.00	-50.00	0.00004	120.00	-60.00	0.00004
120.00	-70.00	0.00004	120.00	-80.00	0.00004
120.00	-90.00	0.00003	120.00	-100.00	0.00003
130.00	100.00	0.00006	130.00	90.00	0.00006
130.00	80.00	0.00005	130.00	70.00	0.00005
130.00	60.00	0.00005	130.00	50.00	0.00005
130.00	40.00	0.00005	130.00	30.00	0.00005
130.00	25.00	0.00005	130.00	20.00	0.00005
130.00	17.00	0.00005	130.00	15.00	0.00005
130.00	13.00	0.00004	130.00	11.00	0.00004
130.00	9.00	0.00004	130.00	-9.00	0.00004
130.00	-11.00	0.00004	130.00	-13.00	0.00004
130.00	-15.00	0.00004	130.00	-17.00	0.00004
130.00	-20.00	0.00004	130.00	-25.00	0.00004
130.00	-30.00	0.00004	130.00	-40.00	0.00004
130.00	-50.00	0.00004	130.00	-60.00	0.00003
130.00	-70.00	0.00003	130.00	-80.00	0.00003
130.00	-90.00	0.00003	130.00	-100.00	0.00003
140.00	100.00	0.00005	140.00	90.00	0.00005
140.00	80.00	0.00005	140.00	70.00	0.00005
140.00	60.00	0.00005	140.00	50.00	0.00005
140.00	40.00	0.00004	140.00	30.00	0.00004
140.00	25.00	0.00004	140.00	20.00	0.00004
140.00	17.00	0.00004	140.00	15.00	0.00004
140.00	13.00	0.00004	140.00	11.00	0.00004
140.00	9.00	0.00004	140.00	-9.00	0.00004

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

140.00	-11.00	0.00004	140.00	-13.00	0.00004
140.00	-15.00	0.00004	140.00	-17.00	0.00004
140.00	-20.00	0.00004	140.00	-25.00	0.00004
140.00	-30.00	0.00004	140.00	-40.00	0.00004
140.00	-50.00	0.00003	140.00	-60.00	0.00003
140.00	-70.00	0.00003	140.00	-80.00	0.00003
140.00	-90.00	0.00003	140.00	-100.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:
 PAGE 118

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00005	150.00	90.00	0.00005
150.00	80.00	0.00005	150.00	70.00	0.00005
150.00	60.00	0.00004	150.00	50.00	0.00004
150.00	40.00	0.00004	150.00	30.00	0.00004
150.00	25.00	0.00004	150.00	20.00	0.00004
150.00	17.00	0.00004	150.00	15.00	0.00004
150.00	13.00	0.00004	150.00	11.00	0.00004
150.00	9.00	0.00004	150.00	-9.00	0.00004
150.00	-11.00	0.00004	150.00	-13.00	0.00004
150.00	-15.00	0.00004	150.00	-17.00	0.00004
150.00	-20.00	0.00004	150.00	-25.00	0.00004
150.00	-30.00	0.00004	150.00	-40.00	0.00003
150.00	-50.00	0.00003	150.00	-60.00	0.00003
150.00	-70.00	0.00003	150.00	-80.00	0.00003
150.00	-90.00	0.00003	150.00	-100.00	0.00003
160.00	100.00	0.00005	160.00	90.00	0.00005
160.00	80.00	0.00004	160.00	70.00	0.00004
160.00	60.00	0.00004	160.00	50.00	0.00004
160.00	40.00	0.00004	160.00	30.00	0.00004
160.00	25.00	0.00004	160.00	20.00	0.00004
160.00	17.00	0.00004	160.00	15.00	0.00004
160.00	13.00	0.00004	160.00	11.00	0.00004
160.00	9.00	0.00004	160.00	-9.00	0.00004
160.00	-11.00	0.00004	160.00	-13.00	0.00004
160.00	-15.00	0.00004	160.00	-17.00	0.00004
160.00	-20.00	0.00004	160.00	-25.00	0.00003
160.00	-30.00	0.00003	160.00	-40.00	0.00003

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

160.00	-50.00	0.00003	160.00	-60.00	0.00003
160.00	-70.00	0.00003	160.00	-80.00	0.00003
160.00	-90.00	0.00003	160.00	-100.00	0.00003
170.00	100.00	0.00004	170.00	90.00	0.00004
170.00	80.00	0.00004	170.00	70.00	0.00004
170.00	60.00	0.00004	170.00	50.00	0.00004
170.00	40.00	0.00004	170.00	30.00	0.00004
170.00	25.00	0.00004	170.00	20.00	0.00004
170.00	17.00	0.00004	170.00	15.00	0.00004
170.00	13.00	0.00004	170.00	11.00	0.00004
170.00	9.00	0.00004	170.00	-9.00	0.00003
170.00	-11.00	0.00003	170.00	-13.00	0.00003
170.00	-15.00	0.00003	170.00	-17.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

17:08:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00003	170.00	-25.00	0.00003
170.00	-30.00	0.00003	170.00	-40.00	0.00003
170.00	-50.00	0.00003	170.00	-60.00	0.00003
170.00	-70.00	0.00003	170.00	-80.00	0.00003
170.00	-90.00	0.00003	170.00	-100.00	0.00003
180.00	100.00	0.00004	180.00	90.00	0.00004
180.00	80.00	0.00004	180.00	70.00	0.00004
180.00	60.00	0.00004	180.00	50.00	0.00004
180.00	40.00	0.00004	180.00	30.00	0.00003
180.00	25.00	0.00003	180.00	20.00	0.00003
180.00	17.00	0.00003	180.00	15.00	0.00003
180.00	13.00	0.00003	180.00	11.00	0.00003
180.00	9.00	0.00003	180.00	-9.00	0.00003
180.00	-11.00	0.00003	180.00	-13.00	0.00003
180.00	-15.00	0.00003	180.00	-17.00	0.00003
180.00	-20.00	0.00003	180.00	-25.00	0.00003
180.00	-30.00	0.00003	180.00	-40.00	0.00003
180.00	-50.00	0.00003	180.00	-60.00	0.00003
180.00	-70.00	0.00003	180.00	-80.00	0.00003
180.00	-90.00	0.00003	180.00	-100.00	0.00002
190.00	100.00	0.00004	190.00	90.00	0.00004

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

190.00	80.00	0.00004	190.00	70.00	0.00004
190.00	60.00	0.00004	190.00	50.00	0.00003
190.00	40.00	0.00003	190.00	30.00	0.00003
190.00	25.00	0.00003	190.00	20.00	0.00003
190.00	17.00	0.00003	190.00	15.00	0.00003
190.00	13.00	0.00003	190.00	11.00	0.00003
190.00	9.00	0.00003	190.00	-9.00	0.00003
190.00	-11.00	0.00003	190.00	-13.00	0.00003
190.00	-15.00	0.00003	190.00	-17.00	0.00003
190.00	-20.00	0.00003	190.00	-25.00	0.00003
190.00	-30.00	0.00003	190.00	-40.00	0.00003
190.00	-50.00	0.00003	190.00	-60.00	0.00003
190.00	-70.00	0.00003	190.00	-80.00	0.00002
190.00	-90.00	0.00002	190.00	-100.00	0.00002
200.00	100.00	0.00004	200.00	90.00	0.00004
200.00	80.00	0.00004	200.00	70.00	0.00003
200.00	60.00	0.00003	200.00	50.00	0.00003
200.00	40.00	0.00003	200.00	30.00	0.00003
200.00	25.00	0.00003	200.00	20.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 120

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00003	200.00	15.00	0.00003
200.00	13.00	0.00003	200.00	11.00	0.00003
200.00	9.00	0.00003	200.00	-9.00	0.00003
200.00	-11.00	0.00003	200.00	-13.00	0.00003
200.00	-15.00	0.00003	200.00	-17.00	0.00003
200.00	-20.00	0.00003	200.00	-25.00	0.00003
200.00	-30.00	0.00003	200.00	-40.00	0.00003
200.00	-50.00	0.00003	200.00	-60.00	0.00002
200.00	-70.00	0.00002	200.00	-80.00	0.00002
200.00	-90.00	0.00002	200.00	-100.00	0.00002
210.00	100.00	0.00004	210.00	90.00	0.00003
210.00	80.00	0.00003	210.00	70.00	0.00003
210.00	60.00	0.00003	210.00	50.00	0.00003
210.00	40.00	0.00003	210.00	30.00	0.00003
210.00	25.00	0.00003	210.00	20.00	0.00003

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

210.00	17.00	0.00003	210.00	15.00	0.00003
210.00	13.00	0.00003	210.00	11.00	0.00003
210.00	9.00	0.00003	210.00	-9.00	0.00003
210.00	-11.00	0.00003	210.00	-13.00	0.00003
210.00	-15.00	0.00003	210.00	-17.00	0.00003
210.00	-20.00	0.00003	210.00	-25.00	0.00003
210.00	-30.00	0.00003	210.00	-40.00	0.00003
210.00	-50.00	0.00002	210.00	-60.00	0.00002
210.00	-70.00	0.00002	210.00	-80.00	0.00002
210.00	-90.00	0.00002	210.00	-100.00	0.00002
220.00	100.00	0.00003	220.00	90.00	0.00003
220.00	80.00	0.00003	220.00	70.00	0.00003
220.00	60.00	0.00003	220.00	50.00	0.00003
220.00	40.00	0.00003	220.00	30.00	0.00003
220.00	25.00	0.00003	220.00	20.00	0.00003
220.00	17.00	0.00003	220.00	15.00	0.00003
220.00	13.00	0.00003	220.00	11.00	0.00003
220.00	9.00	0.00003	220.00	-9.00	0.00003
220.00	-11.00	0.00003	220.00	-13.00	0.00003
220.00	-15.00	0.00003	220.00	-17.00	0.00003
220.00	-20.00	0.00003	220.00	-25.00	0.00003
220.00	-30.00	0.00003	220.00	-40.00	0.00002
220.00	-50.00	0.00002	220.00	-60.00	0.00002
220.00	-70.00	0.00002	220.00	-80.00	0.00002
220.00	-90.00	0.00002	220.00	-100.00	0.00002

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:
 PAGE 121

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00003	230.00	90.00	0.00003
230.00	80.00	0.00003	230.00	70.00	0.00003
230.00	60.00	0.00003	230.00	50.00	0.00003
230.00	40.00	0.00003	230.00	30.00	0.00003
230.00	25.00	0.00003	230.00	20.00	0.00003
230.00	17.00	0.00003	230.00	15.00	0.00003
230.00	13.00	0.00003	230.00	11.00	0.00003
230.00	9.00	0.00003	230.00	-9.00	0.00003
230.00	-11.00	0.00003	230.00	-13.00	0.00003

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

230.00	-15.00	0.00003	230.00	-17.00	0.00003
230.00	-20.00	0.00003	230.00	-25.00	0.00002
230.00	-30.00	0.00002	230.00	-40.00	0.00002
230.00	-50.00	0.00002	230.00	-60.00	0.00002
230.00	-70.00	0.00002	230.00	-80.00	0.00002
230.00	-90.00	0.00002	230.00	-100.00	0.00002
240.00	100.00	0.00003	240.00	90.00	0.00003
240.00	80.00	0.00003	240.00	70.00	0.00003
240.00	60.00	0.00003	240.00	50.00	0.00003
240.00	40.00	0.00003	240.00	30.00	0.00003
240.00	25.00	0.00003	240.00	20.00	0.00003
240.00	17.00	0.00003	240.00	15.00	0.00003
240.00	13.00	0.00003	240.00	11.00	0.00003
240.00	9.00	0.00003	240.00	-9.00	0.00002
240.00	-11.00	0.00002	240.00	-13.00	0.00002
240.00	-15.00	0.00002	240.00	-17.00	0.00002
240.00	-20.00	0.00002	240.00	-25.00	0.00002
240.00	-30.00	0.00002	240.00	-40.00	0.00002
240.00	-50.00	0.00002	240.00	-60.00	0.00002
240.00	-70.00	0.00002	240.00	-80.00	0.00002
240.00	-90.00	0.00002	240.00	-100.00	0.00002
250.00	100.00	0.00003	250.00	90.00	0.00003
250.00	80.00	0.00003	250.00	70.00	0.00003
250.00	60.00	0.00003	250.00	50.00	0.00003
250.00	40.00	0.00002	250.00	30.00	0.00002
250.00	25.00	0.00002	250.00	20.00	0.00002
250.00	17.00	0.00002	250.00	15.00	0.00002
250.00	13.00	0.00002	250.00	11.00	0.00002
250.00	9.00	0.00002	250.00	-9.00	0.00002
250.00	-11.00	0.00002	250.00	-13.00	0.00002
250.00	-15.00	0.00002	250.00	-17.00	0.00002

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:
 PAGE 122

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00002	250.00	-25.00	0.00002
250.00	-30.00	0.00002	250.00	-40.00	0.00002
250.00	-50.00	0.00002	250.00	-60.00	0.00002

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

250.00	-70.00	0.00002	250.00	-80.00	0.00002
250.00	-90.00	0.00002	250.00	-100.00	0.00002

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00101	-250.00	90.00	0.00106
-250.00	80.00	0.00112	-250.00	70.00	0.00117
-250.00	60.00	0.00123	-250.00	50.00	0.00128
-250.00	40.00	0.00134	-250.00	30.00	0.00142
-250.00	25.00	0.00148	-250.00	20.00	0.00155
-250.00	17.00	0.00161	-250.00	15.00	0.00165
-250.00	13.00	0.00171	-250.00	11.00	0.00178
-250.00	9.00	0.00186	-250.00	-9.00	0.00268
-250.00	-11.00	0.00277	-250.00	-13.00	0.00284
-250.00	-15.00	0.00292	-250.00	-17.00	0.00299
-250.00	-20.00	0.00307	-250.00	-25.00	0.00318
-250.00	-30.00	0.00324	-250.00	-40.00	0.00326
-250.00	-50.00	0.00317	-250.00	-60.00	0.00304
-250.00	-70.00	0.00287	-250.00	-80.00	0.00270
-250.00	-90.00	0.00254	-250.00	-100.00	0.00238
-240.00	100.00	0.00120	-240.00	90.00	0.00128
-240.00	80.00	0.00136	-240.00	70.00	0.00145
-240.00	60.00	0.00153	-240.00	50.00	0.00161
-240.00	40.00	0.00168	-240.00	30.00	0.00173
-240.00	25.00	0.00177	-240.00	20.00	0.00182
-240.00	17.00	0.00187	-240.00	15.00	0.00191
-240.00	13.00	0.00196	-240.00	11.00	0.00203
-240.00	9.00	0.00212	-240.00	-9.00	0.00335
-240.00	-11.00	0.00347	-240.00	-13.00	0.00357
-240.00	-15.00	0.00366	-240.00	-17.00	0.00373
-240.00	-20.00	0.00382	-240.00	-25.00	0.00391
-240.00	-30.00	0.00393	-240.00	-40.00	0.00385
-240.00	-50.00	0.00366	-240.00	-60.00	0.00343
-240.00	-70.00	0.00319	-240.00	-80.00	0.00296
-240.00	-90.00	0.00274	-240.00	-100.00	0.00255
-230.00	100.00	0.00142	-230.00	90.00	0.00154
-230.00	80.00	0.00167	-230.00	70.00	0.00182

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-230.00	60.00	0.00199	-230.00	50.00	0.00216
-230.00	40.00	0.00233	-230.00	30.00	0.00246
-230.00	25.00	0.00250	-230.00	20.00	0.00251
-230.00	17.00	0.00251	-230.00	15.00	0.00251
-230.00	13.00	0.00252	-230.00	11.00	0.00254
-230.00	9.00	0.00260	-230.00	-9.00	0.00454
-230.00	-11.00	0.00463	-230.00	-13.00	0.00470
-230.00	-15.00	0.00475	-230.00	-17.00	0.00478

1 *** ISCST3 - VERSION 02035 *** 04/20/08
 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 124
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00480	-230.00	-25.00	0.00477
-230.00	-30.00	0.00469	-230.00	-40.00	0.00443
-230.00	-50.00	0.00410	-230.00	-60.00	0.00377
-230.00	-70.00	0.00346	-230.00	-80.00	0.00318
-230.00	-90.00	0.00293	-230.00	-100.00	0.00270
-220.00	100.00	0.00166	-220.00	90.00	0.00182
-220.00	80.00	0.00201	-220.00	70.00	0.00224
-220.00	60.00	0.00251	-220.00	50.00	0.00284
-220.00	40.00	0.00322	-220.00	30.00	0.00366
-220.00	25.00	0.00390	-220.00	20.00	0.00414
-220.00	17.00	0.00430	-220.00	15.00	0.00441
-220.00	13.00	0.00453	-220.00	11.00	0.00467
-220.00	9.00	0.00486	-220.00	-9.00	0.00582
-220.00	-11.00	0.00574	-220.00	-13.00	0.00569
-220.00	-15.00	0.00564	-220.00	-17.00	0.00560
-220.00	-20.00	0.00553	-220.00	-25.00	0.00540
-220.00	-30.00	0.00524	-220.00	-40.00	0.00485
-220.00	-50.00	0.00444	-220.00	-60.00	0.00405
-220.00	-70.00	0.00368	-220.00	-80.00	0.00336
-220.00	-90.00	0.00308	-220.00	-100.00	0.00283
-210.00	100.00	0.00188	-210.00	90.00	0.00208
-210.00	80.00	0.00233	-210.00	70.00	0.00262
-210.00	60.00	0.00297	-210.00	50.00	0.00341
-210.00	40.00	0.00393	-210.00	30.00	0.00454
-210.00	25.00	0.00487	-210.00	20.00	0.00521
-210.00	17.00	0.00540	-210.00	15.00	0.00552

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-210.00	13.00	0.00563	-210.00	11.00	0.00575
-210.00	9.00	0.00588	-210.00	-9.00	0.00615
-210.00	-11.00	0.00608	-210.00	-13.00	0.00603
-210.00	-15.00	0.00598	-210.00	-17.00	0.00594
-210.00	-20.00	0.00587	-210.00	-25.00	0.00572
-210.00	-30.00	0.00555	-210.00	-40.00	0.00513
-210.00	-50.00	0.00469	-210.00	-60.00	0.00425
-210.00	-70.00	0.00386	-210.00	-80.00	0.00351
-210.00	-90.00	0.00320	-210.00	-100.00	0.00294
-200.00	100.00	0.00208	-200.00	90.00	0.00231
-200.00	80.00	0.00259	-200.00	70.00	0.00293
-200.00	60.00	0.00334	-200.00	50.00	0.00384
-200.00	40.00	0.00443	-200.00	30.00	0.00511
-200.00	25.00	0.00545	-200.00	20.00	0.00578

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00595	-200.00	15.00	0.00605
-200.00	13.00	0.00614	-200.00	11.00	0.00622
-200.00	9.00	0.00632	-200.00	-9.00	0.00634
-200.00	-11.00	0.00626	-200.00	-13.00	0.00621
-200.00	-15.00	0.00617	-200.00	-17.00	0.00613
-200.00	-20.00	0.00606	-200.00	-25.00	0.00592
-200.00	-30.00	0.00574	-200.00	-40.00	0.00531
-200.00	-50.00	0.00485	-200.00	-60.00	0.00440
-200.00	-70.00	0.00399	-200.00	-80.00	0.00363
-200.00	-90.00	0.00331	-200.00	-100.00	0.00303
-190.00	100.00	0.00225	-190.00	90.00	0.00250
-190.00	80.00	0.00281	-190.00	70.00	0.00319
-190.00	60.00	0.00363	-190.00	50.00	0.00417
-190.00	40.00	0.00479	-190.00	30.00	0.00547
-190.00	25.00	0.00581	-190.00	20.00	0.00611
-190.00	17.00	0.00626	-190.00	15.00	0.00635
-190.00	13.00	0.00643	-190.00	11.00	0.00650
-190.00	9.00	0.00658	-190.00	-9.00	0.00647
-190.00	-11.00	0.00639	-190.00	-13.00	0.00634
-190.00	-15.00	0.00630	-190.00	-17.00	0.00626

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-190.00	-20.00	0.00619	-190.00	-25.00	0.00605
-190.00	-30.00	0.00588	-190.00	-40.00	0.00544
-190.00	-50.00	0.00497	-190.00	-60.00	0.00451
-190.00	-70.00	0.00409	-190.00	-80.00	0.00371
-190.00	-90.00	0.00338	-190.00	-100.00	0.00310
-180.00	100.00	0.00239	-180.00	90.00	0.00267
-180.00	80.00	0.00300	-180.00	70.00	0.00339
-180.00	60.00	0.00386	-180.00	50.00	0.00440
-180.00	40.00	0.00503	-180.00	30.00	0.00570
-180.00	25.00	0.00603	-180.00	20.00	0.00632
-180.00	17.00	0.00646	-180.00	15.00	0.00654
-180.00	13.00	0.00661	-180.00	11.00	0.00668
-180.00	9.00	0.00674	-180.00	-9.00	0.00657
-180.00	-11.00	0.00649	-180.00	-13.00	0.00644
-180.00	-15.00	0.00639	-180.00	-17.00	0.00635
-180.00	-20.00	0.00628	-180.00	-25.00	0.00614
-180.00	-30.00	0.00597	-180.00	-40.00	0.00554
-180.00	-50.00	0.00506	-180.00	-60.00	0.00459
-180.00	-70.00	0.00416	-180.00	-80.00	0.00378
-180.00	-90.00	0.00345	-180.00	-100.00	0.00315

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 126
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00252	-170.00	90.00	0.00281
-170.00	80.00	0.00315	-170.00	70.00	0.00355
-170.00	60.00	0.00403	-170.00	50.00	0.00458
-170.00	40.00	0.00520	-170.00	30.00	0.00587
-170.00	25.00	0.00618	-170.00	20.00	0.00646
-170.00	17.00	0.00660	-170.00	15.00	0.00668
-170.00	13.00	0.00675	-170.00	11.00	0.00680
-170.00	9.00	0.00686	-170.00	-9.00	0.00665
-170.00	-11.00	0.00656	-170.00	-13.00	0.00651
-170.00	-15.00	0.00646	-170.00	-17.00	0.00642
-170.00	-20.00	0.00635	-170.00	-25.00	0.00621
-170.00	-30.00	0.00604	-170.00	-40.00	0.00561
-170.00	-50.00	0.00513	-170.00	-60.00	0.00466
-170.00	-70.00	0.00422	-170.00	-80.00	0.00383

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-170.00	-90.00	0.00349	-170.00	-100.00	0.00320
-160.00	100.00	0.00262	-160.00	90.00	0.00292
-160.00	80.00	0.00327	-160.00	70.00	0.00368
-160.00	60.00	0.00416	-160.00	50.00	0.00471
-160.00	40.00	0.00533	-160.00	30.00	0.00598
-160.00	25.00	0.00629	-160.00	20.00	0.00657
-160.00	17.00	0.00671	-160.00	15.00	0.00678
-160.00	13.00	0.00684	-160.00	11.00	0.00689
-160.00	9.00	0.00695	-160.00	-9.00	0.00671
-160.00	-11.00	0.00662	-160.00	-13.00	0.00656
-160.00	-15.00	0.00652	-160.00	-17.00	0.00647
-160.00	-20.00	0.00640	-160.00	-25.00	0.00626
-160.00	-30.00	0.00608	-160.00	-40.00	0.00565
-160.00	-50.00	0.00518	-160.00	-60.00	0.00471
-160.00	-70.00	0.00427	-160.00	-80.00	0.00388
-160.00	-90.00	0.00353	-160.00	-100.00	0.00323
-150.00	100.00	0.00271	-150.00	90.00	0.00301
-150.00	80.00	0.00336	-150.00	70.00	0.00378
-150.00	60.00	0.00426	-150.00	50.00	0.00481
-150.00	40.00	0.00542	-150.00	30.00	0.00606
-150.00	25.00	0.00637	-150.00	20.00	0.00665
-150.00	17.00	0.00678	-150.00	15.00	0.00685
-150.00	13.00	0.00691	-150.00	11.00	0.00696
-150.00	9.00	0.00701	-150.00	-9.00	0.00676
-150.00	-11.00	0.00667	-150.00	-13.00	0.00661
-150.00	-15.00	0.00656	-150.00	-17.00	0.00651

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTS:
 PAGE 127
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00644	-150.00	-25.00	0.00630
-150.00	-30.00	0.00612	-150.00	-40.00	0.00569
-150.00	-50.00	0.00522	-150.00	-60.00	0.00475
-150.00	-70.00	0.00431	-150.00	-80.00	0.00391
-150.00	-90.00	0.00357	-150.00	-100.00	0.00326
-140.00	100.00	0.00279	-140.00	90.00	0.00309
-140.00	80.00	0.00344	-140.00	70.00	0.00386
-140.00	60.00	0.00433	-140.00	50.00	0.00488

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-140.00	40.00	0.00549	-140.00	30.00	0.00613
-140.00	25.00	0.00644	-140.00	20.00	0.00671
-140.00	17.00	0.00683	-140.00	15.00	0.00690
-140.00	13.00	0.00696	-140.00	11.00	0.00701
-140.00	9.00	0.00707	-140.00	-9.00	0.00680
-140.00	-11.00	0.00671	-140.00	-13.00	0.00664
-140.00	-15.00	0.00659	-140.00	-17.00	0.00654
-140.00	-20.00	0.00647	-140.00	-25.00	0.00633
-140.00	-30.00	0.00615	-140.00	-40.00	0.00572
-140.00	-50.00	0.00524	-140.00	-60.00	0.00477
-140.00	-70.00	0.00434	-140.00	-80.00	0.00394
-140.00	-90.00	0.00359	-140.00	-100.00	0.00328
-130.00	100.00	0.00285	-130.00	90.00	0.00315
-130.00	80.00	0.00351	-130.00	70.00	0.00392
-130.00	60.00	0.00440	-130.00	50.00	0.00494
-130.00	40.00	0.00554	-130.00	30.00	0.00618
-130.00	25.00	0.00648	-130.00	20.00	0.00675
-130.00	17.00	0.00688	-130.00	15.00	0.00694
-130.00	13.00	0.00700	-130.00	11.00	0.00705
-130.00	9.00	0.00711	-130.00	-9.00	0.00683
-130.00	-11.00	0.00674	-130.00	-13.00	0.00667
-130.00	-15.00	0.00662	-130.00	-17.00	0.00657
-130.00	-20.00	0.00650	-130.00	-25.00	0.00635
-130.00	-30.00	0.00617	-130.00	-40.00	0.00574
-130.00	-50.00	0.00526	-130.00	-60.00	0.00479
-130.00	-70.00	0.00436	-130.00	-80.00	0.00396
-130.00	-90.00	0.00361	-130.00	-100.00	0.00330
-120.00	100.00	0.00290	-120.00	90.00	0.00320
-120.00	80.00	0.00356	-120.00	70.00	0.00397
-120.00	60.00	0.00444	-120.00	50.00	0.00498
-120.00	40.00	0.00559	-120.00	30.00	0.00622
-120.00	25.00	0.00652	-120.00	20.00	0.00678

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00691	-120.00	15.00	0.00698
-120.00	13.00	0.00703	-120.00	11.00	0.00708

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-120.00	9.00	0.00713	-120.00	-9.00	0.00685
-120.00	-11.00	0.00675	-120.00	-13.00	0.00669
-120.00	-15.00	0.00664	-120.00	-17.00	0.00659
-120.00	-20.00	0.00651	-120.00	-25.00	0.00637
-120.00	-30.00	0.00619	-120.00	-40.00	0.00576
-120.00	-50.00	0.00528	-120.00	-60.00	0.00481
-120.00	-70.00	0.00437	-120.00	-80.00	0.00398
-120.00	-90.00	0.00363	-120.00	-100.00	0.00332
-110.00	100.00	0.00294	-110.00	90.00	0.00325
-110.00	80.00	0.00360	-110.00	70.00	0.00401
-110.00	60.00	0.00448	-110.00	50.00	0.00502
-110.00	40.00	0.00562	-110.00	30.00	0.00625
-110.00	25.00	0.00655	-110.00	20.00	0.00681
-110.00	17.00	0.00694	-110.00	15.00	0.00700
-110.00	13.00	0.00705	-110.00	11.00	0.00710
-110.00	9.00	0.00715	-110.00	-9.00	0.00686
-110.00	-11.00	0.00677	-110.00	-13.00	0.00670
-110.00	-15.00	0.00665	-110.00	-17.00	0.00660
-110.00	-20.00	0.00653	-110.00	-25.00	0.00638
-110.00	-30.00	0.00620	-110.00	-40.00	0.00577
-110.00	-50.00	0.00529	-110.00	-60.00	0.00482
-110.00	-70.00	0.00438	-110.00	-80.00	0.00398
-110.00	-90.00	0.00363	-110.00	-100.00	0.00332
-100.00	100.00	0.00298	-100.00	90.00	0.00328
-100.00	80.00	0.00363	-100.00	70.00	0.00404
-100.00	60.00	0.00451	-100.00	50.00	0.00505
-100.00	40.00	0.00565	-100.00	30.00	0.00628
-100.00	25.00	0.00657	-100.00	20.00	0.00683
-100.00	17.00	0.00695	-100.00	15.00	0.00702
-100.00	13.00	0.00707	-100.00	11.00	0.00711
-100.00	9.00	0.00717	-100.00	-9.00	0.00687
-100.00	-11.00	0.00678	-100.00	-13.00	0.00672
-100.00	-15.00	0.00666	-100.00	-17.00	0.00661
-100.00	-20.00	0.00654	-100.00	-25.00	0.00639
-100.00	-30.00	0.00621	-100.00	-40.00	0.00577
-100.00	-50.00	0.00529	-100.00	-60.00	0.00482
-100.00	-70.00	0.00438	-100.00	-80.00	0.00399
-100.00	-90.00	0.00364	-100.00	-100.00	0.00333

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00301	-90.00	90.00	0.00331
-90.00	80.00	0.00366	-90.00	70.00	0.00407
-90.00	60.00	0.00453	-90.00	50.00	0.00507
-90.00	40.00	0.00567	-90.00	30.00	0.00629
-90.00	25.00	0.00659	-90.00	20.00	0.00685
-90.00	17.00	0.00697	-90.00	15.00	0.00703
-90.00	13.00	0.00708	-90.00	11.00	0.00713
-90.00	9.00	0.00718	-90.00	-9.00	0.00689
-90.00	-11.00	0.00679	-90.00	-13.00	0.00673
-90.00	-15.00	0.00667	-90.00	-17.00	0.00662
-90.00	-20.00	0.00654	-90.00	-25.00	0.00640
-90.00	-30.00	0.00621	-90.00	-40.00	0.00578
-90.00	-50.00	0.00530	-90.00	-60.00	0.00482
-90.00	-70.00	0.00439	-90.00	-80.00	0.00399
-90.00	-90.00	0.00364	-90.00	-100.00	0.00333
-80.00	100.00	0.00303	-80.00	90.00	0.00333
-80.00	80.00	0.00368	-80.00	70.00	0.00409
-80.00	60.00	0.00455	-80.00	50.00	0.00509
-80.00	40.00	0.00568	-80.00	30.00	0.00631
-80.00	25.00	0.00660	-80.00	20.00	0.00686
-80.00	17.00	0.00698	-80.00	15.00	0.00704
-80.00	13.00	0.00710	-80.00	11.00	0.00714
-80.00	9.00	0.00719	-80.00	-9.00	0.00689
-80.00	-11.00	0.00680	-80.00	-13.00	0.00673
-80.00	-15.00	0.00668	-80.00	-17.00	0.00663
-80.00	-20.00	0.00655	-80.00	-25.00	0.00640
-80.00	-30.00	0.00622	-80.00	-40.00	0.00578
-80.00	-50.00	0.00530	-80.00	-60.00	0.00482
-80.00	-70.00	0.00439	-80.00	-80.00	0.00399
-80.00	-90.00	0.00364	-80.00	-100.00	0.00333
-70.00	100.00	0.00305	-70.00	90.00	0.00335
-70.00	80.00	0.00370	-70.00	70.00	0.00410
-70.00	60.00	0.00457	-70.00	50.00	0.00510
-70.00	40.00	0.00570	-70.00	30.00	0.00632
-70.00	25.00	0.00661	-70.00	20.00	0.00687
-70.00	17.00	0.00699	-70.00	15.00	0.00705
-70.00	13.00	0.00710	-70.00	11.00	0.00714
-70.00	9.00	0.00719	-70.00	-9.00	0.00690
-70.00	-11.00	0.00680	-70.00	-13.00	0.00673
-70.00	-15.00	0.00668	-70.00	-17.00	0.00663

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:08:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00655	-70.00	-25.00	0.00640
-70.00	-30.00	0.00621	-70.00	-40.00	0.00578
-70.00	-50.00	0.00530	-70.00	-60.00	0.00482
-70.00	-70.00	0.00438	-70.00	-80.00	0.00399
-70.00	-90.00	0.00363	-70.00	-100.00	0.00332
-60.00	100.00	0.00307	-60.00	90.00	0.00337
-60.00	80.00	0.00371	-60.00	70.00	0.00412
-60.00	60.00	0.00458	-60.00	50.00	0.00511
-60.00	40.00	0.00570	-60.00	30.00	0.00632
-60.00	25.00	0.00662	-60.00	20.00	0.00688
-60.00	17.00	0.00699	-60.00	15.00	0.00706
-60.00	13.00	0.00711	-60.00	11.00	0.00715
-60.00	9.00	0.00720	-60.00	-9.00	0.00690
-60.00	-11.00	0.00680	-60.00	-13.00	0.00674
-60.00	-15.00	0.00668	-60.00	-17.00	0.00663
-60.00	-20.00	0.00655	-60.00	-25.00	0.00640
-60.00	-30.00	0.00621	-60.00	-40.00	0.00577
-60.00	-50.00	0.00529	-60.00	-60.00	0.00482
-60.00	-70.00	0.00438	-60.00	-80.00	0.00398
-60.00	-90.00	0.00363	-60.00	-100.00	0.00332
-50.00	100.00	0.00308	-50.00	90.00	0.00338
-50.00	80.00	0.00373	-50.00	70.00	0.00413
-50.00	60.00	0.00459	-50.00	50.00	0.00512
-50.00	40.00	0.00571	-50.00	30.00	0.00632
-50.00	25.00	0.00662	-50.00	20.00	0.00687
-50.00	17.00	0.00699	-50.00	15.00	0.00705
-50.00	13.00	0.00711	-50.00	11.00	0.00716
-50.00	9.00	0.00721	-50.00	-9.00	0.00691
-50.00	-11.00	0.00681	-50.00	-13.00	0.00673
-50.00	-15.00	0.00667	-50.00	-17.00	0.00662
-50.00	-20.00	0.00654	-50.00	-25.00	0.00639
-50.00	-30.00	0.00620	-50.00	-40.00	0.00576
-50.00	-50.00	0.00528	-50.00	-60.00	0.00481
-50.00	-70.00	0.00437	-50.00	-80.00	0.00397

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-50.00	-90.00	0.00362	-50.00	-100.00	0.00330
-40.00	100.00	0.00309	-40.00	90.00	0.00339
-40.00	80.00	0.00373	-40.00	70.00	0.00413
-40.00	60.00	0.00460	-40.00	50.00	0.00513
-40.00	40.00	0.00571	-40.00	30.00	0.00633
-40.00	25.00	0.00662	-40.00	20.00	0.00687

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00699	-40.00	15.00	0.00705
-40.00	13.00	0.00711	-40.00	11.00	0.00715
-40.00	9.00	0.00721	-40.00	-9.00	0.00690
-40.00	-11.00	0.00680	-40.00	-13.00	0.00673
-40.00	-15.00	0.00667	-40.00	-17.00	0.00662
-40.00	-20.00	0.00654	-40.00	-25.00	0.00638
-40.00	-30.00	0.00620	-40.00	-40.00	0.00576
-40.00	-50.00	0.00527	-40.00	-60.00	0.00480
-40.00	-70.00	0.00436	-40.00	-80.00	0.00396
-40.00	-90.00	0.00360	-40.00	-100.00	0.00329
-30.00	100.00	0.00310	-30.00	90.00	0.00340
-30.00	80.00	0.00374	-30.00	70.00	0.00414
-30.00	60.00	0.00460	-30.00	50.00	0.00513
-30.00	40.00	0.00571	-30.00	30.00	0.00633
-30.00	25.00	0.00662	-30.00	20.00	0.00687
-30.00	17.00	0.00699	-30.00	15.00	0.00705
-30.00	13.00	0.00710	-30.00	11.00	0.00714
-30.00	9.00	0.00720	-30.00	-9.00	0.00688
-30.00	-11.00	0.00679	-30.00	-13.00	0.00672
-30.00	-15.00	0.00666	-30.00	-17.00	0.00661
-30.00	-20.00	0.00653	-30.00	-25.00	0.00637
-30.00	-30.00	0.00619	-30.00	-40.00	0.00574
-30.00	-50.00	0.00526	-30.00	-60.00	0.00478
-30.00	-70.00	0.00434	-30.00	-80.00	0.00394
-30.00	-90.00	0.00359	-30.00	-100.00	0.00327
-20.00	100.00	0.00310	-20.00	90.00	0.00340
-20.00	80.00	0.00375	-20.00	70.00	0.00414
-20.00	60.00	0.00460	-20.00	50.00	0.00513

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

-20.00	40.00	0.00571	-20.00	30.00	0.00632
-20.00	25.00	0.00661	-20.00	20.00	0.00686
-20.00	17.00	0.00698	-20.00	15.00	0.00705
-20.00	13.00	0.00709	-20.00	11.00	0.00713
-20.00	9.00	0.00719	-20.00	-9.00	0.00687
-20.00	-11.00	0.00678	-20.00	-13.00	0.00671
-20.00	-15.00	0.00665	-20.00	-17.00	0.00660
-20.00	-20.00	0.00652	-20.00	-25.00	0.00636
-20.00	-30.00	0.00618	-20.00	-40.00	0.00573
-20.00	-50.00	0.00525	-20.00	-60.00	0.00477
-20.00	-70.00	0.00433	-20.00	-80.00	0.00393
-20.00	-90.00	0.00357	-20.00	-100.00	0.00326

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

17:08:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00311	-10.00	90.00	0.00340
-10.00	80.00	0.00375	-10.00	70.00	0.00414
-10.00	60.00	0.00460	-10.00	50.00	0.00513
-10.00	40.00	0.00571	-10.00	30.00	0.00632
-10.00	25.00	0.00661	-10.00	20.00	0.00686
-10.00	17.00	0.00697	-10.00	15.00	0.00703
-10.00	13.00	0.00708	-10.00	11.00	0.00713
-10.00	9.00	0.00718	-10.00	-9.00	0.00686
-10.00	-11.00	0.00676	-10.00	-13.00	0.00670
-10.00	-15.00	0.00664	-10.00	-17.00	0.00659
-10.00	-20.00	0.00650	-10.00	-25.00	0.00635
-10.00	-30.00	0.00616	-10.00	-40.00	0.00572
-10.00	-50.00	0.00523	-10.00	-60.00	0.00475
-10.00	-70.00	0.00431	-10.00	-80.00	0.00391
-10.00	-90.00	0.00355	-10.00	-100.00	0.00323
0.00	100.00	0.00311	0.00	90.00	0.00341
0.00	80.00	0.00375	0.00	70.00	0.00414
0.00	60.00	0.00460	0.00	50.00	0.00512
0.00	40.00	0.00570	0.00	30.00	0.00631
0.00	25.00	0.00660	0.00	20.00	0.00685
0.00	17.00	0.00696	0.00	15.00	0.00702
0.00	13.00	0.00707	0.00	11.00	0.00712

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

0.00	9.00	0.00716	0.00	-9.00	0.00685
0.00	-11.00	0.00675	0.00	-13.00	0.00668
0.00	-15.00	0.00662	0.00	-17.00	0.00657
0.00	-20.00	0.00649	0.00	-25.00	0.00633
0.00	-30.00	0.00614	0.00	-40.00	0.00570
0.00	-50.00	0.00521	0.00	-60.00	0.00473
0.00	-70.00	0.00429	0.00	-80.00	0.00388
0.00	-90.00	0.00353	0.00	-100.00	0.00321
10.00	100.00	0.00311	10.00	90.00	0.00341
10.00	80.00	0.00375	10.00	70.00	0.00414
10.00	60.00	0.00460	10.00	50.00	0.00512
10.00	40.00	0.00570	10.00	30.00	0.00630
10.00	25.00	0.00659	10.00	20.00	0.00683
10.00	17.00	0.00695	10.00	15.00	0.00701
10.00	13.00	0.00706	10.00	11.00	0.00710
10.00	9.00	0.00715	10.00	-9.00	0.00683
10.00	-11.00	0.00673	10.00	-13.00	0.00666
10.00	-15.00	0.00661	10.00	-17.00	0.00655

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:

PAGE 133

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00647	10.00	-25.00	0.00631
10.00	-30.00	0.00612	10.00	-40.00	0.00567
10.00	-50.00	0.00519	10.00	-60.00	0.00471
10.00	-70.00	0.00426	10.00	-80.00	0.00386
10.00	-90.00	0.00350	10.00	-100.00	0.00318
20.00	100.00	0.00311	20.00	90.00	0.00340
20.00	80.00	0.00374	20.00	70.00	0.00414
20.00	60.00	0.00459	20.00	50.00	0.00511
20.00	40.00	0.00569	20.00	30.00	0.00629
20.00	25.00	0.00657	20.00	20.00	0.00682
20.00	17.00	0.00694	20.00	15.00	0.00700
20.00	13.00	0.00704	20.00	11.00	0.00708
20.00	9.00	0.00713	20.00	-9.00	0.00681
20.00	-11.00	0.00671	20.00	-13.00	0.00664
20.00	-15.00	0.00659	20.00	-17.00	0.00653
20.00	-20.00	0.00645	20.00	-25.00	0.00629

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

20.00	-30.00	0.00610	20.00	-40.00	0.00565
20.00	-50.00	0.00516	20.00	-60.00	0.00468
20.00	-70.00	0.00423	20.00	-80.00	0.00383
20.00	-90.00	0.00347	20.00	-100.00	0.00315
30.00	100.00	0.00310	30.00	90.00	0.00340
30.00	80.00	0.00374	30.00	70.00	0.00413
30.00	60.00	0.00459	30.00	50.00	0.00510
30.00	40.00	0.00567	30.00	30.00	0.00627
30.00	25.00	0.00656	30.00	20.00	0.00681
30.00	17.00	0.00692	30.00	15.00	0.00698
30.00	13.00	0.00703	30.00	11.00	0.00707
30.00	9.00	0.00712	30.00	-9.00	0.00680
30.00	-11.00	0.00669	30.00	-13.00	0.00662
30.00	-15.00	0.00656	30.00	-17.00	0.00651
30.00	-20.00	0.00642	30.00	-25.00	0.00627
30.00	-30.00	0.00607	30.00	-40.00	0.00562
30.00	-50.00	0.00513	30.00	-60.00	0.00465
30.00	-70.00	0.00420	30.00	-80.00	0.00379
30.00	-90.00	0.00343	30.00	-100.00	0.00312
40.00	100.00	0.00310	40.00	90.00	0.00339
40.00	80.00	0.00373	40.00	70.00	0.00413
40.00	60.00	0.00458	40.00	50.00	0.00509
40.00	40.00	0.00566	40.00	30.00	0.00626
40.00	25.00	0.00654	40.00	20.00	0.00679

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 134
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00690	40.00	15.00	0.00696
40.00	13.00	0.00701	40.00	11.00	0.00705
40.00	9.00	0.00711	40.00	-9.00	0.00677
40.00	-11.00	0.00667	40.00	-13.00	0.00659
40.00	-15.00	0.00653	40.00	-17.00	0.00648
40.00	-20.00	0.00640	40.00	-25.00	0.00623
40.00	-30.00	0.00604	40.00	-40.00	0.00559
40.00	-50.00	0.00510	40.00	-60.00	0.00461
40.00	-70.00	0.00416	40.00	-80.00	0.00375
40.00	-90.00	0.00339	40.00	-100.00	0.00308

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

50.00	100.00	0.00309	50.00	90.00	0.00338
50.00	80.00	0.00372	50.00	70.00	0.00412
50.00	60.00	0.00457	50.00	50.00	0.00508
50.00	40.00	0.00564	50.00	30.00	0.00624
50.00	25.00	0.00652	50.00	20.00	0.00676
50.00	17.00	0.00688	50.00	15.00	0.00694
50.00	13.00	0.00698	50.00	11.00	0.00703
50.00	9.00	0.00708	50.00	-9.00	0.00674
50.00	-11.00	0.00664	50.00	-13.00	0.00656
50.00	-15.00	0.00650	50.00	-17.00	0.00645
50.00	-20.00	0.00636	50.00	-25.00	0.00620
50.00	-30.00	0.00601	50.00	-40.00	0.00555
50.00	-50.00	0.00506	50.00	-60.00	0.00457
50.00	-70.00	0.00412	50.00	-80.00	0.00371
50.00	-90.00	0.00335	50.00	-100.00	0.00303
60.00	100.00	0.00308	60.00	90.00	0.00337
60.00	80.00	0.00371	60.00	70.00	0.00410
60.00	60.00	0.00455	60.00	50.00	0.00506
60.00	40.00	0.00563	60.00	30.00	0.00622
60.00	25.00	0.00650	60.00	20.00	0.00674
60.00	17.00	0.00685	60.00	15.00	0.00691
60.00	13.00	0.00696	60.00	11.00	0.00700
60.00	9.00	0.00705	60.00	-9.00	0.00670
60.00	-11.00	0.00660	60.00	-13.00	0.00653
60.00	-15.00	0.00647	60.00	-17.00	0.00641
60.00	-20.00	0.00633	60.00	-25.00	0.00616
60.00	-30.00	0.00597	60.00	-40.00	0.00551
60.00	-50.00	0.00501	60.00	-60.00	0.00452
60.00	-70.00	0.00407	60.00	-80.00	0.00366
60.00	-90.00	0.00330	60.00	-100.00	0.00298

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
 PAGE 135
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00307	70.00	90.00	0.00336
70.00	80.00	0.00370	70.00	70.00	0.00409
70.00	60.00	0.00454	70.00	50.00	0.00505
70.00	40.00	0.00561	70.00	30.00	0.00619

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

70.00	25.00	0.00647	70.00	20.00	0.00671
70.00	17.00	0.00682	70.00	15.00	0.00688
70.00	13.00	0.00692	70.00	11.00	0.00696
70.00	9.00	0.00701	70.00	-9.00	0.00666
70.00	-11.00	0.00656	70.00	-13.00	0.00649
70.00	-15.00	0.00643	70.00	-17.00	0.00637
70.00	-20.00	0.00628	70.00	-25.00	0.00612
70.00	-30.00	0.00593	70.00	-40.00	0.00547
70.00	-50.00	0.00496	70.00	-60.00	0.00447
70.00	-70.00	0.00401	70.00	-80.00	0.00360
70.00	-90.00	0.00324	70.00	-100.00	0.00293
80.00	100.00	0.00305	80.00	90.00	0.00335
80.00	80.00	0.00368	80.00	70.00	0.00407
80.00	60.00	0.00452	80.00	50.00	0.00503
80.00	40.00	0.00559	80.00	30.00	0.00617
80.00	25.00	0.00644	80.00	20.00	0.00668
80.00	17.00	0.00679	80.00	15.00	0.00684
80.00	13.00	0.00689	80.00	11.00	0.00692
80.00	9.00	0.00697	80.00	-9.00	0.00661
80.00	-11.00	0.00651	80.00	-13.00	0.00644
80.00	-15.00	0.00638	80.00	-17.00	0.00632
80.00	-20.00	0.00623	80.00	-25.00	0.00607
80.00	-30.00	0.00587	80.00	-40.00	0.00541
80.00	-50.00	0.00491	80.00	-60.00	0.00441
80.00	-70.00	0.00395	80.00	-80.00	0.00354
80.00	-90.00	0.00318	80.00	-100.00	0.00287
90.00	100.00	0.00303	90.00	90.00	0.00333
90.00	80.00	0.00366	90.00	70.00	0.00405
90.00	60.00	0.00450	90.00	50.00	0.00501
90.00	40.00	0.00556	90.00	30.00	0.00614
90.00	25.00	0.00641	90.00	20.00	0.00664
90.00	17.00	0.00675	90.00	15.00	0.00680
90.00	13.00	0.00685	90.00	11.00	0.00688
90.00	9.00	0.00693	90.00	-9.00	0.00656
90.00	-11.00	0.00646	90.00	-13.00	0.00639
90.00	-15.00	0.00632	90.00	-17.00	0.00627

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:
 PAGE 136

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W_Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00618	90.00	-25.00	0.00601
90.00	-30.00	0.00581	90.00	-40.00	0.00535
90.00	-50.00	0.00484	90.00	-60.00	0.00434
90.00	-70.00	0.00388	90.00	-80.00	0.00347
90.00	-90.00	0.00311	90.00	-100.00	0.00280
100.00	100.00	0.00301	100.00	90.00	0.00330
100.00	80.00	0.00364	100.00	70.00	0.00403
100.00	60.00	0.00448	100.00	50.00	0.00498
100.00	40.00	0.00553	100.00	30.00	0.00610
100.00	25.00	0.00637	100.00	20.00	0.00660
100.00	17.00	0.00671	100.00	15.00	0.00676
100.00	13.00	0.00680	100.00	11.00	0.00684
100.00	9.00	0.00688	100.00	-9.00	0.00650
100.00	-11.00	0.00640	100.00	-13.00	0.00633
100.00	-15.00	0.00626	100.00	-17.00	0.00620
100.00	-20.00	0.00611	100.00	-25.00	0.00595
100.00	-30.00	0.00575	100.00	-40.00	0.00527
100.00	-50.00	0.00476	100.00	-60.00	0.00426
100.00	-70.00	0.00380	100.00	-80.00	0.00339
100.00	-90.00	0.00303	100.00	-100.00	0.00272
110.00	100.00	0.00299	110.00	90.00	0.00328
110.00	80.00	0.00361	110.00	70.00	0.00400
110.00	60.00	0.00445	110.00	50.00	0.00495
110.00	40.00	0.00550	110.00	30.00	0.00607
110.00	25.00	0.00633	110.00	20.00	0.00656
110.00	17.00	0.00666	110.00	15.00	0.00671
110.00	13.00	0.00675	110.00	11.00	0.00678
110.00	9.00	0.00682	110.00	-9.00	0.00644
110.00	-11.00	0.00633	110.00	-13.00	0.00625
110.00	-15.00	0.00619	110.00	-17.00	0.00613
110.00	-20.00	0.00604	110.00	-25.00	0.00587
110.00	-30.00	0.00566	110.00	-40.00	0.00519
110.00	-50.00	0.00467	110.00	-60.00	0.00416
110.00	-70.00	0.00370	110.00	-80.00	0.00330
110.00	-90.00	0.00294	110.00	-100.00	0.00263
120.00	100.00	0.00296	120.00	90.00	0.00325
120.00	80.00	0.00358	120.00	70.00	0.00397
120.00	60.00	0.00441	120.00	50.00	0.00492
120.00	40.00	0.00546	120.00	30.00	0.00602
120.00	25.00	0.00628	120.00	20.00	0.00651

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:08:00

**MODELOPTs:
PAGE 137

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00661	120.00	15.00	0.00666
120.00	13.00	0.00669	120.00	11.00	0.00672
120.00	9.00	0.00676	120.00	-9.00	0.00636
120.00	-11.00	0.00625	120.00	-13.00	0.00617
120.00	-15.00	0.00611	120.00	-17.00	0.00604
120.00	-20.00	0.00595	120.00	-25.00	0.00578
120.00	-30.00	0.00557	120.00	-40.00	0.00508
120.00	-50.00	0.00456	120.00	-60.00	0.00405
120.00	-70.00	0.00359	120.00	-80.00	0.00319
120.00	-90.00	0.00284	120.00	-100.00	0.00253
130.00	100.00	0.00293	130.00	90.00	0.00321
130.00	80.00	0.00355	130.00	70.00	0.00393
130.00	60.00	0.00437	130.00	50.00	0.00487
130.00	40.00	0.00542	130.00	30.00	0.00597
130.00	25.00	0.00623	130.00	20.00	0.00645
130.00	17.00	0.00654	130.00	15.00	0.00659
130.00	13.00	0.00662	130.00	11.00	0.00666
130.00	9.00	0.00670	130.00	-9.00	0.00627
130.00	-11.00	0.00616	130.00	-13.00	0.00607
130.00	-15.00	0.00600	130.00	-17.00	0.00594
130.00	-20.00	0.00584	130.00	-25.00	0.00566
130.00	-30.00	0.00545	130.00	-40.00	0.00496
130.00	-50.00	0.00443	130.00	-60.00	0.00392
130.00	-70.00	0.00347	130.00	-80.00	0.00307
130.00	-90.00	0.00272	130.00	-100.00	0.00242
140.00	100.00	0.00289	140.00	90.00	0.00317
140.00	80.00	0.00350	140.00	70.00	0.00389
140.00	60.00	0.00433	140.00	50.00	0.00483
140.00	40.00	0.00537	140.00	30.00	0.00592
140.00	25.00	0.00617	140.00	20.00	0.00638
140.00	17.00	0.00647	140.00	15.00	0.00651
140.00	13.00	0.00654	140.00	11.00	0.00657
140.00	9.00	0.00661	140.00	-9.00	0.00615
140.00	-11.00	0.00604	140.00	-13.00	0.00595
140.00	-15.00	0.00588	140.00	-17.00	0.00582
140.00	-20.00	0.00572	140.00	-25.00	0.00553

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

140.00	-30.00	0.00531	140.00	-40.00	0.00481
140.00	-50.00	0.00427	140.00	-60.00	0.00377
140.00	-70.00	0.00332	140.00	-80.00	0.00293
140.00	-90.00	0.00259	140.00	-100.00	0.00230

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:08:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00285	150.00	90.00	0.00313
150.00	80.00	0.00345	150.00	70.00	0.00383
150.00	60.00	0.00427	150.00	50.00	0.00477
150.00	40.00	0.00531	150.00	30.00	0.00586
150.00	25.00	0.00610	150.00	20.00	0.00630
150.00	17.00	0.00639	150.00	15.00	0.00643
150.00	13.00	0.00645	150.00	11.00	0.00647
150.00	9.00	0.00650	150.00	-9.00	0.00601
150.00	-11.00	0.00589	150.00	-13.00	0.00581
150.00	-15.00	0.00573	150.00	-17.00	0.00567
150.00	-20.00	0.00556	150.00	-25.00	0.00537
150.00	-30.00	0.00514	150.00	-40.00	0.00462
150.00	-50.00	0.00409	150.00	-60.00	0.00360
150.00	-70.00	0.00315	150.00	-80.00	0.00277
150.00	-90.00	0.00244	150.00	-100.00	0.00216
160.00	100.00	0.00279	160.00	90.00	0.00307
160.00	80.00	0.00339	160.00	70.00	0.00377
160.00	60.00	0.00420	160.00	50.00	0.00470
160.00	40.00	0.00524	160.00	30.00	0.00578
160.00	25.00	0.00602	160.00	20.00	0.00621
160.00	17.00	0.00629	160.00	15.00	0.00633
160.00	13.00	0.00634	160.00	11.00	0.00636
160.00	9.00	0.00638	160.00	-9.00	0.00583
160.00	-11.00	0.00571	160.00	-13.00	0.00563
160.00	-15.00	0.00555	160.00	-17.00	0.00548
160.00	-20.00	0.00537	160.00	-25.00	0.00516
160.00	-30.00	0.00492	160.00	-40.00	0.00440
160.00	-50.00	0.00387	160.00	-60.00	0.00338
160.00	-70.00	0.00295	160.00	-80.00	0.00258
160.00	-90.00	0.00227	160.00	-100.00	0.00201

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

170.00	100.00	0.00272	170.00	90.00	0.00300
170.00	80.00	0.00332	170.00	70.00	0.00369
170.00	60.00	0.00412	170.00	50.00	0.00461
170.00	40.00	0.00515	170.00	30.00	0.00569
170.00	25.00	0.00593	170.00	20.00	0.00611
170.00	17.00	0.00618	170.00	15.00	0.00621
170.00	13.00	0.00622	170.00	11.00	0.00623
170.00	9.00	0.00624	170.00	-9.00	0.00562
170.00	-11.00	0.00550	170.00	-13.00	0.00540
170.00	-15.00	0.00532	170.00	-17.00	0.00524

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00512	170.00	-25.00	0.00490
170.00	-30.00	0.00465	170.00	-40.00	0.00413
170.00	-50.00	0.00361	170.00	-60.00	0.00313
170.00	-70.00	0.00272	170.00	-80.00	0.00238
170.00	-90.00	0.00209	170.00	-100.00	0.00184
180.00	100.00	0.00264	180.00	90.00	0.00291
180.00	80.00	0.00323	180.00	70.00	0.00359
180.00	60.00	0.00402	180.00	50.00	0.00450
180.00	40.00	0.00504	180.00	30.00	0.00558
180.00	25.00	0.00582	180.00	20.00	0.00600
180.00	17.00	0.00606	180.00	15.00	0.00608
180.00	13.00	0.00608	180.00	11.00	0.00608
180.00	9.00	0.00608	180.00	-9.00	0.00536
180.00	-11.00	0.00523	180.00	-13.00	0.00512
180.00	-15.00	0.00502	180.00	-17.00	0.00493
180.00	-20.00	0.00480	180.00	-25.00	0.00456
180.00	-30.00	0.00431	180.00	-40.00	0.00379
180.00	-50.00	0.00328	180.00	-60.00	0.00284
180.00	-70.00	0.00246	180.00	-80.00	0.00214
180.00	-90.00	0.00188	180.00	-100.00	0.00166
190.00	100.00	0.00253	190.00	90.00	0.00279
190.00	80.00	0.00310	190.00	70.00	0.00346
190.00	60.00	0.00388	190.00	50.00	0.00437
190.00	40.00	0.00489	190.00	30.00	0.00543

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

190.00	25.00	0.00567	190.00	20.00	0.00585
190.00	17.00	0.00591	190.00	15.00	0.00593
190.00	13.00	0.00593	190.00	11.00	0.00591
190.00	9.00	0.00589	190.00	-9.00	0.00502
190.00	-11.00	0.00487	190.00	-13.00	0.00474
190.00	-15.00	0.00463	190.00	-17.00	0.00453
190.00	-20.00	0.00438	190.00	-25.00	0.00412
190.00	-30.00	0.00387	190.00	-40.00	0.00336
190.00	-50.00	0.00290	190.00	-60.00	0.00250
190.00	-70.00	0.00216	190.00	-80.00	0.00189
190.00	-90.00	0.00166	190.00	-100.00	0.00147
200.00	100.00	0.00238	200.00	90.00	0.00263
200.00	80.00	0.00293	200.00	70.00	0.00328
200.00	60.00	0.00369	200.00	50.00	0.00416
200.00	40.00	0.00470	200.00	30.00	0.00524
200.00	25.00	0.00547	200.00	20.00	0.00566

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00573	200.00	15.00	0.00574
200.00	13.00	0.00573	200.00	11.00	0.00571
200.00	9.00	0.00568	200.00	-9.00	0.00456
200.00	-11.00	0.00438	200.00	-13.00	0.00423
200.00	-15.00	0.00410	200.00	-17.00	0.00399
200.00	-20.00	0.00382	200.00	-25.00	0.00356
200.00	-30.00	0.00331	200.00	-40.00	0.00285
200.00	-50.00	0.00245	200.00	-60.00	0.00212
200.00	-70.00	0.00184	200.00	-80.00	0.00162
200.00	-90.00	0.00143	200.00	-100.00	0.00128
210.00	100.00	0.00219	210.00	90.00	0.00242
210.00	80.00	0.00268	210.00	70.00	0.00300
210.00	60.00	0.00338	210.00	50.00	0.00384
210.00	40.00	0.00436	210.00	30.00	0.00492
210.00	25.00	0.00518	210.00	20.00	0.00539
210.00	17.00	0.00546	210.00	15.00	0.00548
210.00	13.00	0.00548	210.00	11.00	0.00545
210.00	9.00	0.00542	210.00	-9.00	0.00389

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

210.00	-11.00	0.00367	210.00	-13.00	0.00350
210.00	-15.00	0.00336	210.00	-17.00	0.00323
210.00	-20.00	0.00306	210.00	-25.00	0.00282
210.00	-30.00	0.00261	210.00	-40.00	0.00226
210.00	-50.00	0.00196	210.00	-60.00	0.00172
210.00	-70.00	0.00152	210.00	-80.00	0.00136
210.00	-90.00	0.00122	210.00	-100.00	0.00111
220.00	100.00	0.00197	220.00	90.00	0.00215
220.00	80.00	0.00237	220.00	70.00	0.00262
220.00	60.00	0.00292	220.00	50.00	0.00328
220.00	40.00	0.00370	220.00	30.00	0.00419
220.00	25.00	0.00445	220.00	20.00	0.00469
220.00	17.00	0.00482	220.00	15.00	0.00488
220.00	13.00	0.00492	220.00	11.00	0.00494
220.00	9.00	0.00495	220.00	-9.00	0.00271
220.00	-11.00	0.00251	220.00	-13.00	0.00237
220.00	-15.00	0.00227	220.00	-17.00	0.00218
220.00	-20.00	0.00208	220.00	-25.00	0.00196
220.00	-30.00	0.00185	220.00	-40.00	0.00168
220.00	-50.00	0.00152	220.00	-60.00	0.00137
220.00	-70.00	0.00124	220.00	-80.00	0.00113
220.00	-90.00	0.00104	220.00	-100.00	0.00095

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 17:08:00
 MODELOPTs: * Maximum train overlap at East/West Bound Direction ***
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00174	230.00	90.00	0.00187
230.00	80.00	0.00203	230.00	70.00	0.00220
230.00	60.00	0.00240	230.00	50.00	0.00260
230.00	40.00	0.00281	230.00	30.00	0.00299
230.00	25.00	0.00305	230.00	20.00	0.00306
230.00	17.00	0.00302	230.00	15.00	0.00298
230.00	13.00	0.00291	230.00	11.00	0.00281
230.00	9.00	0.00267	230.00	-9.00	0.00142
230.00	-11.00	0.00140	230.00	-13.00	0.00138
230.00	-15.00	0.00137	230.00	-17.00	0.00136
230.00	-20.00	0.00134	230.00	-25.00	0.00132
230.00	-30.00	0.00130	230.00	-40.00	0.00124

06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound

230.00	-50.00	0.00117	230.00	-60.00	0.00109
230.00	-70.00	0.00102	230.00	-80.00	0.00094
230.00	-90.00	0.00088	230.00	-100.00	0.00082
240.00	100.00	0.00151	240.00	90.00	0.00161
240.00	80.00	0.00171	240.00	70.00	0.00182
240.00	60.00	0.00193	240.00	50.00	0.00203
240.00	40.00	0.00210	240.00	30.00	0.00210
240.00	25.00	0.00207	240.00	20.00	0.00199
240.00	17.00	0.00192	240.00	15.00	0.00186
240.00	13.00	0.00180	240.00	11.00	0.00172
240.00	9.00	0.00165	240.00	-9.00	0.00107
240.00	-11.00	0.00105	240.00	-13.00	0.00104
240.00	-15.00	0.00102	240.00	-17.00	0.00102
240.00	-20.00	0.00101	240.00	-25.00	0.00100
240.00	-30.00	0.00098	240.00	-40.00	0.00096
240.00	-50.00	0.00092	240.00	-60.00	0.00088
240.00	-70.00	0.00084	240.00	-80.00	0.00079
240.00	-90.00	0.00075	240.00	-100.00	0.00070
250.00	100.00	0.00131	250.00	90.00	0.00138
250.00	80.00	0.00145	250.00	70.00	0.00151
250.00	60.00	0.00156	250.00	50.00	0.00159
250.00	40.00	0.00159	250.00	30.00	0.00153
250.00	25.00	0.00148	250.00	20.00	0.00141
250.00	17.00	0.00136	250.00	15.00	0.00132
250.00	13.00	0.00128	250.00	11.00	0.00124
250.00	9.00	0.00120	250.00	-9.00	0.00088
250.00	-11.00	0.00086	250.00	-13.00	0.00084
250.00	-15.00	0.00083	250.00	-17.00	0.00082

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 17:08:00 *** Maximum train overlap at East/West Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00080	250.00	-25.00	0.00079
250.00	-30.00	0.00079	250.00	-40.00	0.00077
250.00	-50.00	0.00075	250.00	-60.00	0.00072
250.00	-70.00	0.00070	250.00	-80.00	0.00067
250.00	-90.00	0.00064	250.00	-100.00	0.00061

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction

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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00533 AT (180.00, 9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00532 AT (170.00, 9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00532 AT (180.00, 11.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00531 AT (180.00, 13.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00528 AT (170.00, 11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00528 AT (180.00, 15.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00528 AT (190.00, 13.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00528 AT (190.00, 11.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00527 AT (190.00, 15.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00527 AT (190.00, 9.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00533 AT (90.00, 9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00532 AT (80.00, 9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00532 AT (90.00, 11.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00531 AT (90.00, 13.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00528 AT (80.00, 11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00528 AT (90.00, 15.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00528 AT (100.00, 13.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00528 AT (100.00, 11.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00527 AT (100.00, 15.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00527 AT (100.00, 9.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00533 AT (0.00, 9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00532 AT (-10.00, 9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00532 AT (0.00, 11.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00531 AT (0.00, 13.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00528 AT (-10.00, 11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00528 AT (0.00, 15.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00528 AT (10.00, 13.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00528 AT (10.00, 11.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00527 AT (10.00, 15.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00527 AT (10.00, 9.00, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at East/West Bound Direction

17:08:00

**MODELOPTs:
PAGE 144

CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00533 AT (-90.00, 9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00532 AT (-100.00, 9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00532 AT (-90.00, 11.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00531 AT (-90.00, 13.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00528 AT (-100.00, 11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00528 AT (-90.00, 15.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00528 AT (-80.00, 13.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00528 AT (-80.00, 11.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00527 AT (-80.00, 15.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00527 AT (-80.00, 9.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00533 AT (-180.00, 9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00532 AT (-190.00, 9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00532 AT (-180.00, 11.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00531 AT (-180.00, 13.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00528 AT (-190.00, 11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00528 AT (-180.00, 15.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00528 AT (-170.00, 13.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00528 AT (-170.00, 11.00, 0.00, 1.20)	DC	NA

		06NCRA_NAPA94-300_DPM_TRAV_ANN_E-W Bound								
	9TH HIGHEST VALUE IS	0.00527	AT (	-170.00,	15.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00527	AT (	-170.00,	9.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00721	AT (	-50.00,	9.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00721	AT (	-40.00,	9.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00720	AT (	-30.00,	9.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00720	AT (	-60.00,	9.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00719	AT (	-70.00,	9.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00719	AT (	-80.00,	9.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00719	AT (	-20.00,	9.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00718	AT (	-90.00,	9.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00718	AT (	-10.00,	9.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00717	AT (	-100.00,	9.00,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:08:00

**MODELOPTs:
 PAGE 145

CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 162 Informational Message(s)
 A Total of 162 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 17:14:38

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\07NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at East/West Bound Direction
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTS FLAT
CO FLAGPOLE 1.2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA 135.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA 45.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -45.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -135.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -225.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 90 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

RE DISCCART	-250.0	100.0	1.2
RE DISCCART	-250.0	90.0	1.2
RE DISCCART	-250.0	80.0	1.2
RE DISCCART	-250.0	70.0	1.2
RE DISCCART	-250.0	60.0	1.2
RE DISCCART	-250.0	50.0	1.2
RE DISCCART	-250.0	40.0	1.2
RE DISCCART	-250.0	30.0	1.2
RE DISCCART	-250.0	25.0	1.2
RE DISCCART	-250.0	20.0	1.2
RE DISCCART	-250.0	17.0	1.2
RE DISCCART	-250.0	15.0	1.2
RE DISCCART	-250.0	13.0	1.2
RE DISCCART	-250.0	11.0	1.2
RE DISCCART	-250.0	9.0	1.2
RE DISCCART	-250.0	-9.0	1.2
RE DISCCART	-250.0	-11.0	1.2
RE DISCCART	-250.0	-13.0	1.2
RE DISCCART	-250.0	-15.0	1.2
RE DISCCART	-250.0	-17.0	1.2
RE DISCCART	-250.0	-20.0	1.2
RE DISCCART	-250.0	-25.0	1.2
RE DISCCART	-250.0	-30.0	1.2
RE DISCCART	-250.0	-40.0	1.2
RE DISCCART	-250.0	-50.0	1.2
RE DISCCART	-250.0	-60.0	1.2
RE DISCCART	-250.0	-70.0	1.2
RE DISCCART	-250.0	-80.0	1.2
RE DISCCART	-250.0	-90.0	1.2
RE DISCCART	-250.0	-100.0	1.2
RE DISCCART	-240.0	100.0	1.2
RE DISCCART	-240.0	90.0	1.2
RE DISCCART	-240.0	80.0	1.2
RE DISCCART	-240.0	70.0	1.2
RE DISCCART	-240.0	60.0	1.2
RE DISCCART	-240.0	50.0	1.2
RE DISCCART	-240.0	40.0	1.2
RE DISCCART	-240.0	30.0	1.2
RE DISCCART	-240.0	25.0	1.2
RE DISCCART	-240.0	20.0	1.2
RE DISCCART	-240.0	17.0	1.2
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RE DISCCART	-240.0	11.0	1.2
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RE DISCCART	-240.0	-11.0	1.2
RE DISCCART	-240.0	-13.0	1.2
RE DISCCART	-240.0	-15.0	1.2
RE DISCCART	-240.0	-17.0	1.2
RE DISCCART	-240.0	-20.0	1.2
RE DISCCART	-240.0	-25.0	1.2
RE DISCCART	-240.0	-30.0	1.2
RE DISCCART	-240.0	-40.0	1.2
RE DISCCART	-240.0	-50.0	1.2
RE DISCCART	-240.0	-60.0	1.2
RE DISCCART	-240.0	-70.0	1.2
RE DISCCART	-240.0	-80.0	1.2
RE DISCCART	-240.0	-90.0	1.2
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RE DISCCART	-230.0	90.0	1.2
RE DISCCART	-230.0	80.0	1.2
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RE DISCCART	-230.0	60.0	1.2
RE DISCCART	-230.0	50.0	1.2
RE DISCCART	-230.0	40.0	1.2
RE DISCCART	-230.0	30.0	1.2
RE DISCCART	-230.0	25.0	1.2
RE DISCCART	-230.0	20.0	1.2
RE DISCCART	-230.0	17.0	1.2
RE DISCCART	-230.0	15.0	1.2
RE DISCCART	-230.0	13.0	1.2
RE DISCCART	-230.0	11.0	1.2
RE DISCCART	-230.0	9.0	1.2
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RE DISCCART	-230.0	-100.0	1.2
RE DISCCART	-220.0	100.0	1.2
RE DISCCART	-220.0	90.0	1.2
RE DISCCART	-220.0	80.0	1.2
RE DISCCART	-220.0	70.0	1.2
RE DISCCART	-220.0	60.0	1.2
RE DISCCART	-220.0	50.0	1.2
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RE DISCCART	-220.0	-80.0	1.2
RE DISCCART	-220.0	-90.0	1.2
RE DISCCART	-220.0	-100.0	1.2
RE DISCCART	-210.0	100.0	1.2
RE DISCCART	-210.0	90.0	1.2
RE DISCCART	-210.0	80.0	1.2
RE DISCCART	-210.0	70.0	1.2
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RE DISCCART	-210.0	-90.0	1.2
RE DISCCART	-210.0	-100.0	1.2
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RE DISCCART	-200.0	90.0	1.2
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RE DISCCART	-200.0	70.0	1.2
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RE DISCCART	-200.0	50.0	1.2
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RE DISCCART	-180.0	-9.0	1.2
RE DISCCART	-180.0	-11.0	1.2
RE DISCCART	-180.0	-13.0	1.2
RE DISCCART	-180.0	-15.0	1.2
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RE DISCCART	-180.0	-25.0	1.2
RE DISCCART	-180.0	-30.0	1.2
RE DISCCART	-180.0	-40.0	1.2
RE DISCCART	-180.0	-50.0	1.2
RE DISCCART	-180.0	-60.0	1.2
RE DISCCART	-180.0	-70.0	1.2
RE DISCCART	-180.0	-80.0	1.2
RE DISCCART	-180.0	-90.0	1.2
RE DISCCART	-180.0	-100.0	1.2
RE DISCCART	-170.0	100.0	1.2
RE DISCCART	-170.0	90.0	1.2
RE DISCCART	-170.0	80.0	1.2
RE DISCCART	-170.0	70.0	1.2
RE DISCCART	-170.0	60.0	1.2
RE DISCCART	-170.0	50.0	1.2
RE DISCCART	-170.0	40.0	1.2
RE DISCCART	-170.0	30.0	1.2
RE DISCCART	-170.0	25.0	1.2
RE DISCCART	-170.0	20.0	1.2
RE DISCCART	-170.0	17.0	1.2
RE DISCCART	-170.0	15.0	1.2
RE DISCCART	-170.0	13.0	1.2
RE DISCCART	-170.0	11.0	1.2
RE DISCCART	-170.0	9.0	1.2
RE DISCCART	-170.0	-9.0	1.2
RE DISCCART	-170.0	-11.0	1.2
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RE DISCCART	-170.0	-30.0	1.2

RE DISCCART	-170.0	-40.0	1.2
RE DISCCART	-170.0	-50.0	1.2
RE DISCCART	-170.0	-60.0	1.2
RE DISCCART	-170.0	-70.0	1.2
RE DISCCART	-170.0	-80.0	1.2
RE DISCCART	-170.0	-90.0	1.2
RE DISCCART	-170.0	-100.0	1.2
RE DISCCART	-160.0	100.0	1.2
RE DISCCART	-160.0	90.0	1.2
RE DISCCART	-160.0	80.0	1.2
RE DISCCART	-160.0	70.0	1.2
RE DISCCART	-160.0	60.0	1.2
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RE DISCCART	-160.0	40.0	1.2
RE DISCCART	-160.0	30.0	1.2
RE DISCCART	-160.0	25.0	1.2
RE DISCCART	-160.0	20.0	1.2
RE DISCCART	-160.0	17.0	1.2
RE DISCCART	-160.0	15.0	1.2
RE DISCCART	-160.0	13.0	1.2
RE DISCCART	-160.0	11.0	1.2
RE DISCCART	-160.0	9.0	1.2
RE DISCCART	-160.0	-9.0	1.2
RE DISCCART	-160.0	-11.0	1.2
RE DISCCART	-160.0	-13.0	1.2
RE DISCCART	-160.0	-15.0	1.2
RE DISCCART	-160.0	-17.0	1.2
RE DISCCART	-160.0	-20.0	1.2
RE DISCCART	-160.0	-25.0	1.2
RE DISCCART	-160.0	-30.0	1.2
RE DISCCART	-160.0	-40.0	1.2
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RE DISCCART	160.0	20.0	1.2
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RE DISCCART	220.0	-11.0	1.2
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RE DISCCART	240.0	13.0	1.2
RE DISCCART	240.0	11.0	1.2
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** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\07NCRA-1.DAT

**Output Print File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\07NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 17:14:39 *** Maximum train overlap at East/West Bound Direction ***
 **MODELOPTs:
 PAGE 2
 CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

EMISSION RATE SOURCE SCALAR VARY ID BY	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	135.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S2	0	0.21100E-07	45.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S3	0	0.21100E-07	-45.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S4	0	0.21100E-07	-135.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S5	0	0.21100E-07	-225.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 17:14:39 *** Maximum train overlap at East/West Bound Direction ***
 **MODELOPTs:
 PAGE 3
 CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs
 NCRA_S1 NCRA_S1 ,
 NCRA_S2 NCRA_S2 ,
 NCRA_S3 NCRA_S3 ,
 NCRA_S4 NCRA_S4 ,
 NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 17:14:39 *** Maximum train overlap at East/West Bound Direction ***
 **MODELOPTs:
 PAGE 4
 CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-250.0, 100.0, 0.0, 1.2); (-250.0, 90.0, 0.0, 1.2);
 (-250.0, 80.0, 0.0, 1.2); (-250.0, 70.0, 0.0, 1.2);
 (-250.0, 60.0, 0.0, 1.2); (-250.0, 50.0, 0.0, 1.2);

07NCRA_NAPA95-300_DPM_TRAV_ANN E-W Bound

(-250.0,	40.0,	0.0,	1.2);	(-250.0,	30.0,	0.0,	1.2);
(-250.0,	25.0,	0.0,	1.2);	(-250.0,	20.0,	0.0,	1.2);
(-250.0,	17.0,	0.0,	1.2);	(-250.0,	15.0,	0.0,	1.2);
(-250.0,	13.0,	0.0,	1.2);	(-250.0,	11.0,	0.0,	1.2);
(-250.0,	9.0,	0.0,	1.2);	(-250.0,	-9.0,	0.0,	1.2);
(-250.0,	-11.0,	0.0,	1.2);	(-250.0,	-13.0,	0.0,	1.2);
(-250.0,	-15.0,	0.0,	1.2);	(-250.0,	-17.0,	0.0,	1.2);
(-250.0,	-20.0,	0.0,	1.2);	(-250.0,	-25.0,	0.0,	1.2);
(-250.0,	-30.0,	0.0,	1.2);	(-250.0,	-40.0,	0.0,	1.2);
(-250.0,	-50.0,	0.0,	1.2);	(-250.0,	-60.0,	0.0,	1.2);
(-250.0,	-70.0,	0.0,	1.2);	(-250.0,	-80.0,	0.0,	1.2);
(-250.0,	-90.0,	0.0,	1.2);	(-250.0,	-100.0,	0.0,	1.2);
(-240.0,	100.0,	0.0,	1.2);	(-240.0,	90.0,	0.0,	1.2);
(-240.0,	80.0,	0.0,	1.2);	(-240.0,	70.0,	0.0,	1.2);
(-240.0,	60.0,	0.0,	1.2);	(-240.0,	50.0,	0.0,	1.2);
(-240.0,	40.0,	0.0,	1.2);	(-240.0,	30.0,	0.0,	1.2);
(-240.0,	25.0,	0.0,	1.2);	(-240.0,	20.0,	0.0,	1.2);
(-240.0,	17.0,	0.0,	1.2);	(-240.0,	15.0,	0.0,	1.2);
(-240.0,	13.0,	0.0,	1.2);	(-240.0,	11.0,	0.0,	1.2);
(-240.0,	9.0,	0.0,	1.2);	(-240.0,	-9.0,	0.0,	1.2);
(-240.0,	-11.0,	0.0,	1.2);	(-240.0,	-13.0,	0.0,	1.2);
(-240.0,	-15.0,	0.0,	1.2);	(-240.0,	-17.0,	0.0,	1.2);
(-240.0,	-20.0,	0.0,	1.2);	(-240.0,	-25.0,	0.0,	1.2);
(-240.0,	-30.0,	0.0,	1.2);	(-240.0,	-40.0,	0.0,	1.2);
(-240.0,	-50.0,	0.0,	1.2);	(-240.0,	-60.0,	0.0,	1.2);
(-240.0,	-70.0,	0.0,	1.2);	(-240.0,	-80.0,	0.0,	1.2);
(-240.0,	-90.0,	0.0,	1.2);	(-240.0,	-100.0,	0.0,	1.2);
(-230.0,	100.0,	0.0,	1.2);	(-230.0,	90.0,	0.0,	1.2);
(-230.0,	80.0,	0.0,	1.2);	(-230.0,	70.0,	0.0,	1.2);
(-230.0,	60.0,	0.0,	1.2);	(-230.0,	50.0,	0.0,	1.2);
(-230.0,	40.0,	0.0,	1.2);	(-230.0,	30.0,	0.0,	1.2);
(-230.0,	25.0,	0.0,	1.2);	(-230.0,	20.0,	0.0,	1.2);
(-230.0,	17.0,	0.0,	1.2);	(-230.0,	15.0,	0.0,	1.2);
(-230.0,	13.0,	0.0,	1.2);	(-230.0,	11.0,	0.0,	1.2);
(-230.0,	9.0,	0.0,	1.2);	(-230.0,	-9.0,	0.0,	1.2);
(-230.0,	-11.0,	0.0,	1.2);	(-230.0,	-13.0,	0.0,	1.2);
(-230.0,	-15.0,	0.0,	1.2);	(-230.0,	-17.0,	0.0,	1.2);
(-230.0,	-20.0,	0.0,	1.2);	(-230.0,	-25.0,	0.0,	1.2);
(-230.0,	-30.0,	0.0,	1.2);	(-230.0,	-40.0,	0.0,	1.2);
(-230.0,	-50.0,	0.0,	1.2);	(-230.0,	-60.0,	0.0,	1.2);
(-230.0,	-70.0,	0.0,	1.2);	(-230.0,	-80.0,	0.0,	1.2);
(-230.0,	-90.0,	0.0,	1.2);	(-230.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:14:39

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-220.0, 100.0, 0.0, 1.2);	(-220.0, 90.0, 0.0, 1.2);
(-220.0, 80.0, 0.0, 1.2);	(-220.0, 70.0, 0.0, 1.2);
(-220.0, 60.0, 0.0, 1.2);	(-220.0, 50.0, 0.0, 1.2);
(-220.0, 40.0, 0.0, 1.2);	(-220.0, 30.0, 0.0, 1.2);
(-220.0, 25.0, 0.0, 1.2);	(-220.0, 20.0, 0.0, 1.2);
(-220.0, 17.0, 0.0, 1.2);	(-220.0, 15.0, 0.0, 1.2);
(-220.0, 13.0, 0.0, 1.2);	(-220.0, 11.0, 0.0, 1.2);
(-220.0, 9.0, 0.0, 1.2);	(-220.0, -9.0, 0.0, 1.2);
(-220.0, -11.0, 0.0, 1.2);	(-220.0, -13.0, 0.0, 1.2);
(-220.0, -15.0, 0.0, 1.2);	(-220.0, -17.0, 0.0, 1.2);
(-220.0, -20.0, 0.0, 1.2);	(-220.0, -25.0, 0.0, 1.2);
(-220.0, -30.0, 0.0, 1.2);	(-220.0, -40.0, 0.0, 1.2);
(-220.0, -50.0, 0.0, 1.2);	(-220.0, -60.0, 0.0, 1.2);
(-220.0, -70.0, 0.0, 1.2);	(-220.0, -80.0, 0.0, 1.2);
(-220.0, -90.0, 0.0, 1.2);	(-220.0, -100.0, 0.0, 1.2);
(-210.0, 100.0, 0.0, 1.2);	(-210.0, 90.0, 0.0, 1.2);
(-210.0, 80.0, 0.0, 1.2);	(-210.0, 70.0, 0.0, 1.2);
(-210.0, 60.0, 0.0, 1.2);	(-210.0, 50.0, 0.0, 1.2);
(-210.0, 40.0, 0.0, 1.2);	(-210.0, 30.0, 0.0, 1.2);
(-210.0, 25.0, 0.0, 1.2);	(-210.0, 20.0, 0.0, 1.2);
(-210.0, 17.0, 0.0, 1.2);	(-210.0, 15.0, 0.0, 1.2);
(-210.0, 13.0, 0.0, 1.2);	(-210.0, 11.0, 0.0, 1.2);
(-210.0, 9.0, 0.0, 1.2);	(-210.0, -9.0, 0.0, 1.2);
(-210.0, -11.0, 0.0, 1.2);	(-210.0, -13.0, 0.0, 1.2);
(-210.0, -15.0, 0.0, 1.2);	(-210.0, -17.0, 0.0, 1.2);
(-210.0, -20.0, 0.0, 1.2);	(-210.0, -25.0, 0.0, 1.2);
(-210.0, -30.0, 0.0, 1.2);	(-210.0, -40.0, 0.0, 1.2);
(-210.0, -50.0, 0.0, 1.2);	(-210.0, -60.0, 0.0, 1.2);
(-210.0, -70.0, 0.0, 1.2);	(-210.0, -80.0, 0.0, 1.2);
(-210.0, -90.0, 0.0, 1.2);	(-210.0, -100.0, 0.0, 1.2);
(-200.0, 100.0, 0.0, 1.2);	(-200.0, 90.0, 0.0, 1.2);
(-200.0, 80.0, 0.0, 1.2);	(-200.0, 70.0, 0.0, 1.2);
(-200.0, 60.0, 0.0, 1.2);	(-200.0, 50.0, 0.0, 1.2);
(-200.0, 40.0, 0.0, 1.2);	(-200.0, 30.0, 0.0, 1.2);
(-200.0, 25.0, 0.0, 1.2);	(-200.0, 20.0, 0.0, 1.2);
(-200.0, 17.0, 0.0, 1.2);	(-200.0, 15.0, 0.0, 1.2);
(-200.0, 13.0, 0.0, 1.2);	(-200.0, 11.0, 0.0, 1.2);
(-200.0, 9.0, 0.0, 1.2);	(-200.0, -9.0, 0.0, 1.2);
(-200.0, -11.0, 0.0, 1.2);	(-200.0, -13.0, 0.0, 1.2);

07NCRA_NAPA95-300_DPM_TRAV_ANN E-W Bound

(-200.0,	-15.0,	0.0,	1.2);	(-200.0,	-17.0,	0.0,	1.2);
(-200.0,	-20.0,	0.0,	1.2);	(-200.0,	-25.0,	0.0,	1.2);
(-200.0,	-30.0,	0.0,	1.2);	(-200.0,	-40.0,	0.0,	1.2);
(-200.0,	-50.0,	0.0,	1.2);	(-200.0,	-60.0,	0.0,	1.2);
(-200.0,	-70.0,	0.0,	1.2);	(-200.0,	-80.0,	0.0,	1.2);
(-200.0,	-90.0,	0.0,	1.2);	(-200.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-190.0,	100.0,	0.0,	1.2);	(-190.0,	90.0,	0.0,	1.2);
(-190.0,	80.0,	0.0,	1.2);	(-190.0,	70.0,	0.0,	1.2);
(-190.0,	60.0,	0.0,	1.2);	(-190.0,	50.0,	0.0,	1.2);
(-190.0,	40.0,	0.0,	1.2);	(-190.0,	30.0,	0.0,	1.2);
(-190.0,	25.0,	0.0,	1.2);	(-190.0,	20.0,	0.0,	1.2);
(-190.0,	17.0,	0.0,	1.2);	(-190.0,	15.0,	0.0,	1.2);
(-190.0,	13.0,	0.0,	1.2);	(-190.0,	11.0,	0.0,	1.2);
(-190.0,	9.0,	0.0,	1.2);	(-190.0,	-9.0,	0.0,	1.2);
(-190.0,	-11.0,	0.0,	1.2);	(-190.0,	-13.0,	0.0,	1.2);
(-190.0,	-15.0,	0.0,	1.2);	(-190.0,	-17.0,	0.0,	1.2);
(-190.0,	-20.0,	0.0,	1.2);	(-190.0,	-25.0,	0.0,	1.2);
(-190.0,	-30.0,	0.0,	1.2);	(-190.0,	-40.0,	0.0,	1.2);
(-190.0,	-50.0,	0.0,	1.2);	(-190.0,	-60.0,	0.0,	1.2);
(-190.0,	-70.0,	0.0,	1.2);	(-190.0,	-80.0,	0.0,	1.2);
(-190.0,	-90.0,	0.0,	1.2);	(-190.0,	-100.0,	0.0,	1.2);
(-180.0,	100.0,	0.0,	1.2);	(-180.0,	90.0,	0.0,	1.2);
(-180.0,	80.0,	0.0,	1.2);	(-180.0,	70.0,	0.0,	1.2);
(-180.0,	60.0,	0.0,	1.2);	(-180.0,	50.0,	0.0,	1.2);
(-180.0,	40.0,	0.0,	1.2);	(-180.0,	30.0,	0.0,	1.2);
(-180.0,	25.0,	0.0,	1.2);	(-180.0,	20.0,	0.0,	1.2);
(-180.0,	17.0,	0.0,	1.2);	(-180.0,	15.0,	0.0,	1.2);
(-180.0,	13.0,	0.0,	1.2);	(-180.0,	11.0,	0.0,	1.2);
(-180.0,	9.0,	0.0,	1.2);	(-180.0,	-9.0,	0.0,	1.2);
(-180.0,	-11.0,	0.0,	1.2);	(-180.0,	-13.0,	0.0,	1.2);
(-180.0,	-15.0,	0.0,	1.2);	(-180.0,	-17.0,	0.0,	1.2);
(-180.0,	-20.0,	0.0,	1.2);	(-180.0,	-25.0,	0.0,	1.2);
(-180.0,	-30.0,	0.0,	1.2);	(-180.0,	-40.0,	0.0,	1.2);
(-180.0,	-50.0,	0.0,	1.2);	(-180.0,	-60.0,	0.0,	1.2);
(-180.0,	-70.0,	0.0,	1.2);	(-180.0,	-80.0,	0.0,	1.2);
(-180.0,	-90.0,	0.0,	1.2);	(-180.0,	-100.0,	0.0,	1.2);
(-170.0,	100.0,	0.0,	1.2);	(-170.0,	90.0,	0.0,	1.2);

07NCRA_NAPA95-300_DPM_TRAV_ANN E-W Bound

(-170.0,	80.0,	0.0,	1.2);	(-170.0,	70.0,	0.0,	1.2);
(-170.0,	60.0,	0.0,	1.2);	(-170.0,	50.0,	0.0,	1.2);
(-170.0,	40.0,	0.0,	1.2);	(-170.0,	30.0,	0.0,	1.2);
(-170.0,	25.0,	0.0,	1.2);	(-170.0,	20.0,	0.0,	1.2);
(-170.0,	17.0,	0.0,	1.2);	(-170.0,	15.0,	0.0,	1.2);
(-170.0,	13.0,	0.0,	1.2);	(-170.0,	11.0,	0.0,	1.2);
(-170.0,	9.0,	0.0,	1.2);	(-170.0,	-9.0,	0.0,	1.2);
(-170.0,	-11.0,	0.0,	1.2);	(-170.0,	-13.0,	0.0,	1.2);
(-170.0,	-15.0,	0.0,	1.2);	(-170.0,	-17.0,	0.0,	1.2);
(-170.0,	-20.0,	0.0,	1.2);	(-170.0,	-25.0,	0.0,	1.2);
(-170.0,	-30.0,	0.0,	1.2);	(-170.0,	-40.0,	0.0,	1.2);
(-170.0,	-50.0,	0.0,	1.2);	(-170.0,	-60.0,	0.0,	1.2);
(-170.0,	-70.0,	0.0,	1.2);	(-170.0,	-80.0,	0.0,	1.2);
(-170.0,	-90.0,	0.0,	1.2);	(-170.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-160.0,	100.0,	0.0,	1.2);	(-160.0,	90.0,	0.0,	1.2);
(-160.0,	80.0,	0.0,	1.2);	(-160.0,	70.0,	0.0,	1.2);
(-160.0,	60.0,	0.0,	1.2);	(-160.0,	50.0,	0.0,	1.2);
(-160.0,	40.0,	0.0,	1.2);	(-160.0,	30.0,	0.0,	1.2);
(-160.0,	25.0,	0.0,	1.2);	(-160.0,	20.0,	0.0,	1.2);
(-160.0,	17.0,	0.0,	1.2);	(-160.0,	15.0,	0.0,	1.2);
(-160.0,	13.0,	0.0,	1.2);	(-160.0,	11.0,	0.0,	1.2);
(-160.0,	9.0,	0.0,	1.2);	(-160.0,	-9.0,	0.0,	1.2);
(-160.0,	-11.0,	0.0,	1.2);	(-160.0,	-13.0,	0.0,	1.2);
(-160.0,	-15.0,	0.0,	1.2);	(-160.0,	-17.0,	0.0,	1.2);
(-160.0,	-20.0,	0.0,	1.2);	(-160.0,	-25.0,	0.0,	1.2);
(-160.0,	-30.0,	0.0,	1.2);	(-160.0,	-40.0,	0.0,	1.2);
(-160.0,	-50.0,	0.0,	1.2);	(-160.0,	-60.0,	0.0,	1.2);
(-160.0,	-70.0,	0.0,	1.2);	(-160.0,	-80.0,	0.0,	1.2);
(-160.0,	-90.0,	0.0,	1.2);	(-160.0,	-100.0,	0.0,	1.2);
(-150.0,	100.0,	0.0,	1.2);	(-150.0,	90.0,	0.0,	1.2);
(-150.0,	80.0,	0.0,	1.2);	(-150.0,	70.0,	0.0,	1.2);
(-150.0,	60.0,	0.0,	1.2);	(-150.0,	50.0,	0.0,	1.2);
(-150.0,	40.0,	0.0,	1.2);	(-150.0,	30.0,	0.0,	1.2);
(-150.0,	25.0,	0.0,	1.2);	(-150.0,	20.0,	0.0,	1.2);
(-150.0,	17.0,	0.0,	1.2);	(-150.0,	15.0,	0.0,	1.2);
(-150.0,	13.0,	0.0,	1.2);	(-150.0,	11.0,	0.0,	1.2);
(-150.0,	9.0,	0.0,	1.2);	(-150.0,	-9.0,	0.0,	1.2);

07NCRA_NAPA95-300_DPM_TRAV_ANN E-W Bound

(-150.0,	-11.0,	0.0,	1.2);	(-150.0,	-13.0,	0.0,	1.2);
(-150.0,	-15.0,	0.0,	1.2);	(-150.0,	-17.0,	0.0,	1.2);
(-150.0,	-20.0,	0.0,	1.2);	(-150.0,	-25.0,	0.0,	1.2);
(-150.0,	-30.0,	0.0,	1.2);	(-150.0,	-40.0,	0.0,	1.2);
(-150.0,	-50.0,	0.0,	1.2);	(-150.0,	-60.0,	0.0,	1.2);
(-150.0,	-70.0,	0.0,	1.2);	(-150.0,	-80.0,	0.0,	1.2);
(-150.0,	-90.0,	0.0,	1.2);	(-150.0,	-100.0,	0.0,	1.2);
(-140.0,	100.0,	0.0,	1.2);	(-140.0,	90.0,	0.0,	1.2);
(-140.0,	80.0,	0.0,	1.2);	(-140.0,	70.0,	0.0,	1.2);
(-140.0,	60.0,	0.0,	1.2);	(-140.0,	50.0,	0.0,	1.2);
(-140.0,	40.0,	0.0,	1.2);	(-140.0,	30.0,	0.0,	1.2);
(-140.0,	25.0,	0.0,	1.2);	(-140.0,	20.0,	0.0,	1.2);
(-140.0,	17.0,	0.0,	1.2);	(-140.0,	15.0,	0.0,	1.2);
(-140.0,	13.0,	0.0,	1.2);	(-140.0,	11.0,	0.0,	1.2);
(-140.0,	9.0,	0.0,	1.2);	(-140.0,	-9.0,	0.0,	1.2);
(-140.0,	-11.0,	0.0,	1.2);	(-140.0,	-13.0,	0.0,	1.2);
(-140.0,	-15.0,	0.0,	1.2);	(-140.0,	-17.0,	0.0,	1.2);
(-140.0,	-20.0,	0.0,	1.2);	(-140.0,	-25.0,	0.0,	1.2);
(-140.0,	-30.0,	0.0,	1.2);	(-140.0,	-40.0,	0.0,	1.2);
(-140.0,	-50.0,	0.0,	1.2);	(-140.0,	-60.0,	0.0,	1.2);
(-140.0,	-70.0,	0.0,	1.2);	(-140.0,	-80.0,	0.0,	1.2);
(-140.0,	-90.0,	0.0,	1.2);	(-140.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
 PAGE 8

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-130.0,	100.0,	0.0,	1.2);	(-130.0,	90.0,	0.0,	1.2);
(-130.0,	80.0,	0.0,	1.2);	(-130.0,	70.0,	0.0,	1.2);
(-130.0,	60.0,	0.0,	1.2);	(-130.0,	50.0,	0.0,	1.2);
(-130.0,	40.0,	0.0,	1.2);	(-130.0,	30.0,	0.0,	1.2);
(-130.0,	25.0,	0.0,	1.2);	(-130.0,	20.0,	0.0,	1.2);
(-130.0,	17.0,	0.0,	1.2);	(-130.0,	15.0,	0.0,	1.2);
(-130.0,	13.0,	0.0,	1.2);	(-130.0,	11.0,	0.0,	1.2);
(-130.0,	9.0,	0.0,	1.2);	(-130.0,	-9.0,	0.0,	1.2);
(-130.0,	-11.0,	0.0,	1.2);	(-130.0,	-13.0,	0.0,	1.2);
(-130.0,	-15.0,	0.0,	1.2);	(-130.0,	-17.0,	0.0,	1.2);
(-130.0,	-20.0,	0.0,	1.2);	(-130.0,	-25.0,	0.0,	1.2);
(-130.0,	-30.0,	0.0,	1.2);	(-130.0,	-40.0,	0.0,	1.2);
(-130.0,	-50.0,	0.0,	1.2);	(-130.0,	-60.0,	0.0,	1.2);
(-130.0,	-70.0,	0.0,	1.2);	(-130.0,	-80.0,	0.0,	1.2);
(-130.0,	-90.0,	0.0,	1.2);	(-130.0,	-100.0,	0.0,	1.2);

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

(-120.0,	100.0,	0.0,	1.2);	(-120.0,	90.0,	0.0,	1.2);
(-120.0,	80.0,	0.0,	1.2);	(-120.0,	70.0,	0.0,	1.2);
(-120.0,	60.0,	0.0,	1.2);	(-120.0,	50.0,	0.0,	1.2);
(-120.0,	40.0,	0.0,	1.2);	(-120.0,	30.0,	0.0,	1.2);
(-120.0,	25.0,	0.0,	1.2);	(-120.0,	20.0,	0.0,	1.2);
(-120.0,	17.0,	0.0,	1.2);	(-120.0,	15.0,	0.0,	1.2);
(-120.0,	13.0,	0.0,	1.2);	(-120.0,	11.0,	0.0,	1.2);
(-120.0,	9.0,	0.0,	1.2);	(-120.0,	-9.0,	0.0,	1.2);
(-120.0,	-11.0,	0.0,	1.2);	(-120.0,	-13.0,	0.0,	1.2);
(-120.0,	-15.0,	0.0,	1.2);	(-120.0,	-17.0,	0.0,	1.2);
(-120.0,	-20.0,	0.0,	1.2);	(-120.0,	-25.0,	0.0,	1.2);
(-120.0,	-30.0,	0.0,	1.2);	(-120.0,	-40.0,	0.0,	1.2);
(-120.0,	-50.0,	0.0,	1.2);	(-120.0,	-60.0,	0.0,	1.2);
(-120.0,	-70.0,	0.0,	1.2);	(-120.0,	-80.0,	0.0,	1.2);
(-120.0,	-90.0,	0.0,	1.2);	(-120.0,	-100.0,	0.0,	1.2);
(-110.0,	100.0,	0.0,	1.2);	(-110.0,	90.0,	0.0,	1.2);
(-110.0,	80.0,	0.0,	1.2);	(-110.0,	70.0,	0.0,	1.2);
(-110.0,	60.0,	0.0,	1.2);	(-110.0,	50.0,	0.0,	1.2);
(-110.0,	40.0,	0.0,	1.2);	(-110.0,	30.0,	0.0,	1.2);
(-110.0,	25.0,	0.0,	1.2);	(-110.0,	20.0,	0.0,	1.2);
(-110.0,	17.0,	0.0,	1.2);	(-110.0,	15.0,	0.0,	1.2);
(-110.0,	13.0,	0.0,	1.2);	(-110.0,	11.0,	0.0,	1.2);
(-110.0,	9.0,	0.0,	1.2);	(-110.0,	-9.0,	0.0,	1.2);
(-110.0,	-11.0,	0.0,	1.2);	(-110.0,	-13.0,	0.0,	1.2);
(-110.0,	-15.0,	0.0,	1.2);	(-110.0,	-17.0,	0.0,	1.2);
(-110.0,	-20.0,	0.0,	1.2);	(-110.0,	-25.0,	0.0,	1.2);
(-110.0,	-30.0,	0.0,	1.2);	(-110.0,	-40.0,	0.0,	1.2);
(-110.0,	-50.0,	0.0,	1.2);	(-110.0,	-60.0,	0.0,	1.2);
(-110.0,	-70.0,	0.0,	1.2);	(-110.0,	-80.0,	0.0,	1.2);
(-110.0,	-90.0,	0.0,	1.2);	(-110.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	100.0,	0.0,	1.2);	(-100.0,	90.0,	0.0,	1.2);
(-100.0,	80.0,	0.0,	1.2);	(-100.0,	70.0,	0.0,	1.2);
(-100.0,	60.0,	0.0,	1.2);	(-100.0,	50.0,	0.0,	1.2);
(-100.0,	40.0,	0.0,	1.2);	(-100.0,	30.0,	0.0,	1.2);
(-100.0,	25.0,	0.0,	1.2);	(-100.0,	20.0,	0.0,	1.2);
(-100.0,	17.0,	0.0,	1.2);	(-100.0,	15.0,	0.0,	1.2);
(-100.0,	13.0,	0.0,	1.2);	(-100.0,	11.0,	0.0,	1.2);

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

(-100.0,	9.0,	0.0,	1.2);	(-100.0,	-9.0,	0.0,	1.2);
(-100.0,	-11.0,	0.0,	1.2);	(-100.0,	-13.0,	0.0,	1.2);
(-100.0,	-15.0,	0.0,	1.2);	(-100.0,	-17.0,	0.0,	1.2);
(-100.0,	-20.0,	0.0,	1.2);	(-100.0,	-25.0,	0.0,	1.2);
(-100.0,	-30.0,	0.0,	1.2);	(-100.0,	-40.0,	0.0,	1.2);
(-100.0,	-50.0,	0.0,	1.2);	(-100.0,	-60.0,	0.0,	1.2);
(-100.0,	-70.0,	0.0,	1.2);	(-100.0,	-80.0,	0.0,	1.2);
(-100.0,	-90.0,	0.0,	1.2);	(-100.0,	-100.0,	0.0,	1.2);
(-90.0,	100.0,	0.0,	1.2);	(-90.0,	90.0,	0.0,	1.2);
(-90.0,	80.0,	0.0,	1.2);	(-90.0,	70.0,	0.0,	1.2);
(-90.0,	60.0,	0.0,	1.2);	(-90.0,	50.0,	0.0,	1.2);
(-90.0,	40.0,	0.0,	1.2);	(-90.0,	30.0,	0.0,	1.2);
(-90.0,	25.0,	0.0,	1.2);	(-90.0,	20.0,	0.0,	1.2);
(-90.0,	17.0,	0.0,	1.2);	(-90.0,	15.0,	0.0,	1.2);
(-90.0,	13.0,	0.0,	1.2);	(-90.0,	11.0,	0.0,	1.2);
(-90.0,	9.0,	0.0,	1.2);	(-90.0,	-9.0,	0.0,	1.2);
(-90.0,	-11.0,	0.0,	1.2);	(-90.0,	-13.0,	0.0,	1.2);
(-90.0,	-15.0,	0.0,	1.2);	(-90.0,	-17.0,	0.0,	1.2);
(-90.0,	-20.0,	0.0,	1.2);	(-90.0,	-25.0,	0.0,	1.2);
(-90.0,	-30.0,	0.0,	1.2);	(-90.0,	-40.0,	0.0,	1.2);
(-90.0,	-50.0,	0.0,	1.2);	(-90.0,	-60.0,	0.0,	1.2);
(-90.0,	-70.0,	0.0,	1.2);	(-90.0,	-80.0,	0.0,	1.2);
(-90.0,	-90.0,	0.0,	1.2);	(-90.0,	-100.0,	0.0,	1.2);
(-80.0,	100.0,	0.0,	1.2);	(-80.0,	90.0,	0.0,	1.2);
(-80.0,	80.0,	0.0,	1.2);	(-80.0,	70.0,	0.0,	1.2);
(-80.0,	60.0,	0.0,	1.2);	(-80.0,	50.0,	0.0,	1.2);
(-80.0,	40.0,	0.0,	1.2);	(-80.0,	30.0,	0.0,	1.2);
(-80.0,	25.0,	0.0,	1.2);	(-80.0,	20.0,	0.0,	1.2);
(-80.0,	17.0,	0.0,	1.2);	(-80.0,	15.0,	0.0,	1.2);
(-80.0,	13.0,	0.0,	1.2);	(-80.0,	11.0,	0.0,	1.2);
(-80.0,	9.0,	0.0,	1.2);	(-80.0,	-9.0,	0.0,	1.2);
(-80.0,	-11.0,	0.0,	1.2);	(-80.0,	-13.0,	0.0,	1.2);
(-80.0,	-15.0,	0.0,	1.2);	(-80.0,	-17.0,	0.0,	1.2);
(-80.0,	-20.0,	0.0,	1.2);	(-80.0,	-25.0,	0.0,	1.2);
(-80.0,	-30.0,	0.0,	1.2);	(-80.0,	-40.0,	0.0,	1.2);
(-80.0,	-50.0,	0.0,	1.2);	(-80.0,	-60.0,	0.0,	1.2);
(-80.0,	-70.0,	0.0,	1.2);	(-80.0,	-80.0,	0.0,	1.2);
(-80.0,	-90.0,	0.0,	1.2);	(-80.0,	-100.0,	0.0,	1.2);

1 *** ISCT3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound
(METERS)

(-70.0, 100.0, 0.0, 1.2);	(-70.0, 90.0, 0.0, 1.2);
(-70.0, 80.0, 0.0, 1.2);	(-70.0, 70.0, 0.0, 1.2);
(-70.0, 60.0, 0.0, 1.2);	(-70.0, 50.0, 0.0, 1.2);
(-70.0, 40.0, 0.0, 1.2);	(-70.0, 30.0, 0.0, 1.2);
(-70.0, 25.0, 0.0, 1.2);	(-70.0, 20.0, 0.0, 1.2);
(-70.0, 17.0, 0.0, 1.2);	(-70.0, 15.0, 0.0, 1.2);
(-70.0, 13.0, 0.0, 1.2);	(-70.0, 11.0, 0.0, 1.2);
(-70.0, 9.0, 0.0, 1.2);	(-70.0, -9.0, 0.0, 1.2);
(-70.0, -11.0, 0.0, 1.2);	(-70.0, -13.0, 0.0, 1.2);
(-70.0, -15.0, 0.0, 1.2);	(-70.0, -17.0, 0.0, 1.2);
(-70.0, -20.0, 0.0, 1.2);	(-70.0, -25.0, 0.0, 1.2);
(-70.0, -30.0, 0.0, 1.2);	(-70.0, -40.0, 0.0, 1.2);
(-70.0, -50.0, 0.0, 1.2);	(-70.0, -60.0, 0.0, 1.2);
(-70.0, -70.0, 0.0, 1.2);	(-70.0, -80.0, 0.0, 1.2);
(-70.0, -90.0, 0.0, 1.2);	(-70.0, -100.0, 0.0, 1.2);
(-60.0, 100.0, 0.0, 1.2);	(-60.0, 90.0, 0.0, 1.2);
(-60.0, 80.0, 0.0, 1.2);	(-60.0, 70.0, 0.0, 1.2);
(-60.0, 60.0, 0.0, 1.2);	(-60.0, 50.0, 0.0, 1.2);
(-60.0, 40.0, 0.0, 1.2);	(-60.0, 30.0, 0.0, 1.2);
(-60.0, 25.0, 0.0, 1.2);	(-60.0, 20.0, 0.0, 1.2);
(-60.0, 17.0, 0.0, 1.2);	(-60.0, 15.0, 0.0, 1.2);
(-60.0, 13.0, 0.0, 1.2);	(-60.0, 11.0, 0.0, 1.2);
(-60.0, 9.0, 0.0, 1.2);	(-60.0, -9.0, 0.0, 1.2);
(-60.0, -11.0, 0.0, 1.2);	(-60.0, -13.0, 0.0, 1.2);
(-60.0, -15.0, 0.0, 1.2);	(-60.0, -17.0, 0.0, 1.2);
(-60.0, -20.0, 0.0, 1.2);	(-60.0, -25.0, 0.0, 1.2);
(-60.0, -30.0, 0.0, 1.2);	(-60.0, -40.0, 0.0, 1.2);
(-60.0, -50.0, 0.0, 1.2);	(-60.0, -60.0, 0.0, 1.2);
(-60.0, -70.0, 0.0, 1.2);	(-60.0, -80.0, 0.0, 1.2);
(-60.0, -90.0, 0.0, 1.2);	(-60.0, -100.0, 0.0, 1.2);
(-50.0, 100.0, 0.0, 1.2);	(-50.0, 90.0, 0.0, 1.2);
(-50.0, 80.0, 0.0, 1.2);	(-50.0, 70.0, 0.0, 1.2);
(-50.0, 60.0, 0.0, 1.2);	(-50.0, 50.0, 0.0, 1.2);
(-50.0, 40.0, 0.0, 1.2);	(-50.0, 30.0, 0.0, 1.2);
(-50.0, 25.0, 0.0, 1.2);	(-50.0, 20.0, 0.0, 1.2);
(-50.0, 17.0, 0.0, 1.2);	(-50.0, 15.0, 0.0, 1.2);
(-50.0, 13.0, 0.0, 1.2);	(-50.0, 11.0, 0.0, 1.2);
(-50.0, 9.0, 0.0, 1.2);	(-50.0, -9.0, 0.0, 1.2);
(-50.0, -11.0, 0.0, 1.2);	(-50.0, -13.0, 0.0, 1.2);
(-50.0, -15.0, 0.0, 1.2);	(-50.0, -17.0, 0.0, 1.2);
(-50.0, -20.0, 0.0, 1.2);	(-50.0, -25.0, 0.0, 1.2);
(-50.0, -30.0, 0.0, 1.2);	(-50.0, -40.0, 0.0, 1.2);
(-50.0, -50.0, 0.0, 1.2);	(-50.0, -60.0, 0.0, 1.2);

07NCRA_NAPA95-300_DPM_TRAV_ANN E-W Bound

(-50.0, -70.0, 0.0, 1.2); (-50.0, -80.0, 0.0, 1.2);
(-50.0, -90.0, 0.0, 1.2); (-50.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-40.0, 100.0, 0.0, 1.2); (-40.0, 90.0, 0.0, 1.2);
(-40.0, 80.0, 0.0, 1.2); (-40.0, 70.0, 0.0, 1.2);
(-40.0, 60.0, 0.0, 1.2); (-40.0, 50.0, 0.0, 1.2);
(-40.0, 40.0, 0.0, 1.2); (-40.0, 30.0, 0.0, 1.2);
(-40.0, 25.0, 0.0, 1.2); (-40.0, 20.0, 0.0, 1.2);
(-40.0, 17.0, 0.0, 1.2); (-40.0, 15.0, 0.0, 1.2);
(-40.0, 13.0, 0.0, 1.2); (-40.0, 11.0, 0.0, 1.2);
(-40.0, 9.0, 0.0, 1.2); (-40.0, -9.0, 0.0, 1.2);
(-40.0, -11.0, 0.0, 1.2); (-40.0, -13.0, 0.0, 1.2);
(-40.0, -15.0, 0.0, 1.2); (-40.0, -17.0, 0.0, 1.2);
(-40.0, -20.0, 0.0, 1.2); (-40.0, -25.0, 0.0, 1.2);
(-40.0, -30.0, 0.0, 1.2); (-40.0, -40.0, 0.0, 1.2);
(-40.0, -50.0, 0.0, 1.2); (-40.0, -60.0, 0.0, 1.2);
(-40.0, -70.0, 0.0, 1.2); (-40.0, -80.0, 0.0, 1.2);
(-40.0, -90.0, 0.0, 1.2); (-40.0, -100.0, 0.0, 1.2);
(-30.0, 100.0, 0.0, 1.2); (-30.0, 90.0, 0.0, 1.2);
(-30.0, 80.0, 0.0, 1.2); (-30.0, 70.0, 0.0, 1.2);
(-30.0, 60.0, 0.0, 1.2); (-30.0, 50.0, 0.0, 1.2);
(-30.0, 40.0, 0.0, 1.2); (-30.0, 30.0, 0.0, 1.2);
(-30.0, 25.0, 0.0, 1.2); (-30.0, 20.0, 0.0, 1.2);
(-30.0, 17.0, 0.0, 1.2); (-30.0, 15.0, 0.0, 1.2);
(-30.0, 13.0, 0.0, 1.2); (-30.0, 11.0, 0.0, 1.2);
(-30.0, 9.0, 0.0, 1.2); (-30.0, -9.0, 0.0, 1.2);
(-30.0, -11.0, 0.0, 1.2); (-30.0, -13.0, 0.0, 1.2);
(-30.0, -15.0, 0.0, 1.2); (-30.0, -17.0, 0.0, 1.2);
(-30.0, -20.0, 0.0, 1.2); (-30.0, -25.0, 0.0, 1.2);
(-30.0, -30.0, 0.0, 1.2); (-30.0, -40.0, 0.0, 1.2);
(-30.0, -50.0, 0.0, 1.2); (-30.0, -60.0, 0.0, 1.2);
(-30.0, -70.0, 0.0, 1.2); (-30.0, -80.0, 0.0, 1.2);
(-30.0, -90.0, 0.0, 1.2); (-30.0, -100.0, 0.0, 1.2);
(-20.0, 100.0, 0.0, 1.2); (-20.0, 90.0, 0.0, 1.2);
(-20.0, 80.0, 0.0, 1.2); (-20.0, 70.0, 0.0, 1.2);
(-20.0, 60.0, 0.0, 1.2); (-20.0, 50.0, 0.0, 1.2);
(-20.0, 40.0, 0.0, 1.2); (-20.0, 30.0, 0.0, 1.2);
(-20.0, 25.0, 0.0, 1.2); (-20.0, 20.0, 0.0, 1.2);

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

(-20.0,	17.0,	0.0,	1.2);	(-20.0,	15.0,	0.0,	1.2);
(-20.0,	13.0,	0.0,	1.2);	(-20.0,	11.0,	0.0,	1.2);
(-20.0,	9.0,	0.0,	1.2);	(-20.0,	-9.0,	0.0,	1.2);
(-20.0,	-11.0,	0.0,	1.2);	(-20.0,	-13.0,	0.0,	1.2);
(-20.0,	-15.0,	0.0,	1.2);	(-20.0,	-17.0,	0.0,	1.2);
(-20.0,	-20.0,	0.0,	1.2);	(-20.0,	-25.0,	0.0,	1.2);
(-20.0,	-30.0,	0.0,	1.2);	(-20.0,	-40.0,	0.0,	1.2);
(-20.0,	-50.0,	0.0,	1.2);	(-20.0,	-60.0,	0.0,	1.2);
(-20.0,	-70.0,	0.0,	1.2);	(-20.0,	-80.0,	0.0,	1.2);
(-20.0,	-90.0,	0.0,	1.2);	(-20.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-10.0,	100.0,	0.0,	1.2);	(-10.0,	90.0,	0.0,	1.2);
(-10.0,	80.0,	0.0,	1.2);	(-10.0,	70.0,	0.0,	1.2);
(-10.0,	60.0,	0.0,	1.2);	(-10.0,	50.0,	0.0,	1.2);
(-10.0,	40.0,	0.0,	1.2);	(-10.0,	30.0,	0.0,	1.2);
(-10.0,	25.0,	0.0,	1.2);	(-10.0,	20.0,	0.0,	1.2);
(-10.0,	17.0,	0.0,	1.2);	(-10.0,	15.0,	0.0,	1.2);
(-10.0,	13.0,	0.0,	1.2);	(-10.0,	11.0,	0.0,	1.2);
(-10.0,	9.0,	0.0,	1.2);	(-10.0,	-9.0,	0.0,	1.2);
(-10.0,	-11.0,	0.0,	1.2);	(-10.0,	-13.0,	0.0,	1.2);
(-10.0,	-15.0,	0.0,	1.2);	(-10.0,	-17.0,	0.0,	1.2);
(-10.0,	-20.0,	0.0,	1.2);	(-10.0,	-25.0,	0.0,	1.2);
(-10.0,	-30.0,	0.0,	1.2);	(-10.0,	-40.0,	0.0,	1.2);
(-10.0,	-50.0,	0.0,	1.2);	(-10.0,	-60.0,	0.0,	1.2);
(-10.0,	-70.0,	0.0,	1.2);	(-10.0,	-80.0,	0.0,	1.2);
(-10.0,	-90.0,	0.0,	1.2);	(-10.0,	-100.0,	0.0,	1.2);
(0.0,	100.0,	0.0,	1.2);	(0.0,	90.0,	0.0,	1.2);
(0.0,	80.0,	0.0,	1.2);	(0.0,	70.0,	0.0,	1.2);
(0.0,	60.0,	0.0,	1.2);	(0.0,	50.0,	0.0,	1.2);
(0.0,	40.0,	0.0,	1.2);	(0.0,	30.0,	0.0,	1.2);
(0.0,	25.0,	0.0,	1.2);	(0.0,	20.0,	0.0,	1.2);
(0.0,	17.0,	0.0,	1.2);	(0.0,	15.0,	0.0,	1.2);
(0.0,	13.0,	0.0,	1.2);	(0.0,	11.0,	0.0,	1.2);
(0.0,	9.0,	0.0,	1.2);	(0.0,	-9.0,	0.0,	1.2);
(0.0,	-11.0,	0.0,	1.2);	(0.0,	-13.0,	0.0,	1.2);
(0.0,	-15.0,	0.0,	1.2);	(0.0,	-17.0,	0.0,	1.2);
(0.0,	-20.0,	0.0,	1.2);	(0.0,	-25.0,	0.0,	1.2);
(0.0,	-30.0,	0.0,	1.2);	(0.0,	-40.0,	0.0,	1.2);

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

(0.0, -50.0, 0.0, 1.2);	(0.0, -60.0, 0.0, 1.2);
(0.0, -70.0, 0.0, 1.2);	(0.0, -80.0, 0.0, 1.2);
(0.0, -90.0, 0.0, 1.2);	(0.0, -100.0, 0.0, 1.2);
(10.0, 100.0, 0.0, 1.2);	(10.0, 90.0, 0.0, 1.2);
(10.0, 80.0, 0.0, 1.2);	(10.0, 70.0, 0.0, 1.2);
(10.0, 60.0, 0.0, 1.2);	(10.0, 50.0, 0.0, 1.2);
(10.0, 40.0, 0.0, 1.2);	(10.0, 30.0, 0.0, 1.2);
(10.0, 25.0, 0.0, 1.2);	(10.0, 20.0, 0.0, 1.2);
(10.0, 17.0, 0.0, 1.2);	(10.0, 15.0, 0.0, 1.2);
(10.0, 13.0, 0.0, 1.2);	(10.0, 11.0, 0.0, 1.2);
(10.0, 9.0, 0.0, 1.2);	(10.0, -9.0, 0.0, 1.2);
(10.0, -11.0, 0.0, 1.2);	(10.0, -13.0, 0.0, 1.2);
(10.0, -15.0, 0.0, 1.2);	(10.0, -17.0, 0.0, 1.2);
(10.0, -20.0, 0.0, 1.2);	(10.0, -25.0, 0.0, 1.2);
(10.0, -30.0, 0.0, 1.2);	(10.0, -40.0, 0.0, 1.2);
(10.0, -50.0, 0.0, 1.2);	(10.0, -60.0, 0.0, 1.2);
(10.0, -70.0, 0.0, 1.2);	(10.0, -80.0, 0.0, 1.2);
(10.0, -90.0, 0.0, 1.2);	(10.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(20.0, 100.0, 0.0, 1.2);	(20.0, 90.0, 0.0, 1.2);
(20.0, 80.0, 0.0, 1.2);	(20.0, 70.0, 0.0, 1.2);
(20.0, 60.0, 0.0, 1.2);	(20.0, 50.0, 0.0, 1.2);
(20.0, 40.0, 0.0, 1.2);	(20.0, 30.0, 0.0, 1.2);
(20.0, 25.0, 0.0, 1.2);	(20.0, 20.0, 0.0, 1.2);
(20.0, 17.0, 0.0, 1.2);	(20.0, 15.0, 0.0, 1.2);
(20.0, 13.0, 0.0, 1.2);	(20.0, 11.0, 0.0, 1.2);
(20.0, 9.0, 0.0, 1.2);	(20.0, -9.0, 0.0, 1.2);
(20.0, -11.0, 0.0, 1.2);	(20.0, -13.0, 0.0, 1.2);
(20.0, -15.0, 0.0, 1.2);	(20.0, -17.0, 0.0, 1.2);
(20.0, -20.0, 0.0, 1.2);	(20.0, -25.0, 0.0, 1.2);
(20.0, -30.0, 0.0, 1.2);	(20.0, -40.0, 0.0, 1.2);
(20.0, -50.0, 0.0, 1.2);	(20.0, -60.0, 0.0, 1.2);
(20.0, -70.0, 0.0, 1.2);	(20.0, -80.0, 0.0, 1.2);
(20.0, -90.0, 0.0, 1.2);	(20.0, -100.0, 0.0, 1.2);
(30.0, 100.0, 0.0, 1.2);	(30.0, 90.0, 0.0, 1.2);
(30.0, 80.0, 0.0, 1.2);	(30.0, 70.0, 0.0, 1.2);
(30.0, 60.0, 0.0, 1.2);	(30.0, 50.0, 0.0, 1.2);
(30.0, 40.0, 0.0, 1.2);	(30.0, 30.0, 0.0, 1.2);

07NCRA_NAPA95-300_DPM_TRAV_ANN E-W Bound

(30.0, 25.0, 0.0, 1.2);	(30.0, 20.0, 0.0, 1.2);
(30.0, 17.0, 0.0, 1.2);	(30.0, 15.0, 0.0, 1.2);
(30.0, 13.0, 0.0, 1.2);	(30.0, 11.0, 0.0, 1.2);
(30.0, 9.0, 0.0, 1.2);	(30.0, -9.0, 0.0, 1.2);
(30.0, -11.0, 0.0, 1.2);	(30.0, -13.0, 0.0, 1.2);
(30.0, -15.0, 0.0, 1.2);	(30.0, -17.0, 0.0, 1.2);
(30.0, -20.0, 0.0, 1.2);	(30.0, -25.0, 0.0, 1.2);
(30.0, -30.0, 0.0, 1.2);	(30.0, -40.0, 0.0, 1.2);
(30.0, -50.0, 0.0, 1.2);	(30.0, -60.0, 0.0, 1.2);
(30.0, -70.0, 0.0, 1.2);	(30.0, -80.0, 0.0, 1.2);
(30.0, -90.0, 0.0, 1.2);	(30.0, -100.0, 0.0, 1.2);
(40.0, 100.0, 0.0, 1.2);	(40.0, 90.0, 0.0, 1.2);
(40.0, 80.0, 0.0, 1.2);	(40.0, 70.0, 0.0, 1.2);
(40.0, 60.0, 0.0, 1.2);	(40.0, 50.0, 0.0, 1.2);
(40.0, 40.0, 0.0, 1.2);	(40.0, 30.0, 0.0, 1.2);
(40.0, 25.0, 0.0, 1.2);	(40.0, 20.0, 0.0, 1.2);
(40.0, 17.0, 0.0, 1.2);	(40.0, 15.0, 0.0, 1.2);
(40.0, 13.0, 0.0, 1.2);	(40.0, 11.0, 0.0, 1.2);
(40.0, 9.0, 0.0, 1.2);	(40.0, -9.0, 0.0, 1.2);
(40.0, -11.0, 0.0, 1.2);	(40.0, -13.0, 0.0, 1.2);
(40.0, -15.0, 0.0, 1.2);	(40.0, -17.0, 0.0, 1.2);
(40.0, -20.0, 0.0, 1.2);	(40.0, -25.0, 0.0, 1.2);
(40.0, -30.0, 0.0, 1.2);	(40.0, -40.0, 0.0, 1.2);
(40.0, -50.0, 0.0, 1.2);	(40.0, -60.0, 0.0, 1.2);
(40.0, -70.0, 0.0, 1.2);	(40.0, -80.0, 0.0, 1.2);
(40.0, -90.0, 0.0, 1.2);	(40.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(50.0, 100.0, 0.0, 1.2);	(50.0, 90.0, 0.0, 1.2);
(50.0, 80.0, 0.0, 1.2);	(50.0, 70.0, 0.0, 1.2);
(50.0, 60.0, 0.0, 1.2);	(50.0, 50.0, 0.0, 1.2);
(50.0, 40.0, 0.0, 1.2);	(50.0, 30.0, 0.0, 1.2);
(50.0, 25.0, 0.0, 1.2);	(50.0, 20.0, 0.0, 1.2);
(50.0, 17.0, 0.0, 1.2);	(50.0, 15.0, 0.0, 1.2);
(50.0, 13.0, 0.0, 1.2);	(50.0, 11.0, 0.0, 1.2);
(50.0, 9.0, 0.0, 1.2);	(50.0, -9.0, 0.0, 1.2);
(50.0, -11.0, 0.0, 1.2);	(50.0, -13.0, 0.0, 1.2);
(50.0, -15.0, 0.0, 1.2);	(50.0, -17.0, 0.0, 1.2);
(50.0, -20.0, 0.0, 1.2);	(50.0, -25.0, 0.0, 1.2);

07NCRA_NAPA95-300_DPM_TRAV_ANN E-W Bound

(50.0, -30.0, 0.0, 1.2);	(50.0, -40.0, 0.0, 1.2);
(50.0, -50.0, 0.0, 1.2);	(50.0, -60.0, 0.0, 1.2);
(50.0, -70.0, 0.0, 1.2);	(50.0, -80.0, 0.0, 1.2);
(50.0, -90.0, 0.0, 1.2);	(50.0, -100.0, 0.0, 1.2);
(60.0, 100.0, 0.0, 1.2);	(60.0, 90.0, 0.0, 1.2);
(60.0, 80.0, 0.0, 1.2);	(60.0, 70.0, 0.0, 1.2);
(60.0, 60.0, 0.0, 1.2);	(60.0, 50.0, 0.0, 1.2);
(60.0, 40.0, 0.0, 1.2);	(60.0, 30.0, 0.0, 1.2);
(60.0, 25.0, 0.0, 1.2);	(60.0, 20.0, 0.0, 1.2);
(60.0, 17.0, 0.0, 1.2);	(60.0, 15.0, 0.0, 1.2);
(60.0, 13.0, 0.0, 1.2);	(60.0, 11.0, 0.0, 1.2);
(60.0, 9.0, 0.0, 1.2);	(60.0, -9.0, 0.0, 1.2);
(60.0, -11.0, 0.0, 1.2);	(60.0, -13.0, 0.0, 1.2);
(60.0, -15.0, 0.0, 1.2);	(60.0, -17.0, 0.0, 1.2);
(60.0, -20.0, 0.0, 1.2);	(60.0, -25.0, 0.0, 1.2);
(60.0, -30.0, 0.0, 1.2);	(60.0, -40.0, 0.0, 1.2);
(60.0, -50.0, 0.0, 1.2);	(60.0, -60.0, 0.0, 1.2);
(60.0, -70.0, 0.0, 1.2);	(60.0, -80.0, 0.0, 1.2);
(60.0, -90.0, 0.0, 1.2);	(60.0, -100.0, 0.0, 1.2);
(70.0, 100.0, 0.0, 1.2);	(70.0, 90.0, 0.0, 1.2);
(70.0, 80.0, 0.0, 1.2);	(70.0, 70.0, 0.0, 1.2);
(70.0, 60.0, 0.0, 1.2);	(70.0, 50.0, 0.0, 1.2);
(70.0, 40.0, 0.0, 1.2);	(70.0, 30.0, 0.0, 1.2);
(70.0, 25.0, 0.0, 1.2);	(70.0, 20.0, 0.0, 1.2);
(70.0, 17.0, 0.0, 1.2);	(70.0, 15.0, 0.0, 1.2);
(70.0, 13.0, 0.0, 1.2);	(70.0, 11.0, 0.0, 1.2);
(70.0, 9.0, 0.0, 1.2);	(70.0, -9.0, 0.0, 1.2);
(70.0, -11.0, 0.0, 1.2);	(70.0, -13.0, 0.0, 1.2);
(70.0, -15.0, 0.0, 1.2);	(70.0, -17.0, 0.0, 1.2);
(70.0, -20.0, 0.0, 1.2);	(70.0, -25.0, 0.0, 1.2);
(70.0, -30.0, 0.0, 1.2);	(70.0, -40.0, 0.0, 1.2);
(70.0, -50.0, 0.0, 1.2);	(70.0, -60.0, 0.0, 1.2);
(70.0, -70.0, 0.0, 1.2);	(70.0, -80.0, 0.0, 1.2);
(70.0, -90.0, 0.0, 1.2);	(70.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(80.0, 100.0, 0.0, 1.2);	(80.0, 90.0, 0.0, 1.2);
(80.0, 80.0, 0.0, 1.2);	(80.0, 70.0, 0.0, 1.2);
(80.0, 60.0, 0.0, 1.2);	(80.0, 50.0, 0.0, 1.2);

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

(80.0, 40.0, 0.0, 1.2);	(80.0, 30.0, 0.0, 1.2);
(80.0, 25.0, 0.0, 1.2);	(80.0, 20.0, 0.0, 1.2);
(80.0, 17.0, 0.0, 1.2);	(80.0, 15.0, 0.0, 1.2);
(80.0, 13.0, 0.0, 1.2);	(80.0, 11.0, 0.0, 1.2);
(80.0, 9.0, 0.0, 1.2);	(80.0, -9.0, 0.0, 1.2);
(80.0, -11.0, 0.0, 1.2);	(80.0, -13.0, 0.0, 1.2);
(80.0, -15.0, 0.0, 1.2);	(80.0, -17.0, 0.0, 1.2);
(80.0, -20.0, 0.0, 1.2);	(80.0, -25.0, 0.0, 1.2);
(80.0, -30.0, 0.0, 1.2);	(80.0, -40.0, 0.0, 1.2);
(80.0, -50.0, 0.0, 1.2);	(80.0, -60.0, 0.0, 1.2);
(80.0, -70.0, 0.0, 1.2);	(80.0, -80.0, 0.0, 1.2);
(80.0, -90.0, 0.0, 1.2);	(80.0, -100.0, 0.0, 1.2);
(90.0, 100.0, 0.0, 1.2);	(90.0, 90.0, 0.0, 1.2);
(90.0, 80.0, 0.0, 1.2);	(90.0, 70.0, 0.0, 1.2);
(90.0, 60.0, 0.0, 1.2);	(90.0, 50.0, 0.0, 1.2);
(90.0, 40.0, 0.0, 1.2);	(90.0, 30.0, 0.0, 1.2);
(90.0, 25.0, 0.0, 1.2);	(90.0, 20.0, 0.0, 1.2);
(90.0, 17.0, 0.0, 1.2);	(90.0, 15.0, 0.0, 1.2);
(90.0, 13.0, 0.0, 1.2);	(90.0, 11.0, 0.0, 1.2);
(90.0, 9.0, 0.0, 1.2);	(90.0, -9.0, 0.0, 1.2);
(90.0, -11.0, 0.0, 1.2);	(90.0, -13.0, 0.0, 1.2);
(90.0, -15.0, 0.0, 1.2);	(90.0, -17.0, 0.0, 1.2);
(90.0, -20.0, 0.0, 1.2);	(90.0, -25.0, 0.0, 1.2);
(90.0, -30.0, 0.0, 1.2);	(90.0, -40.0, 0.0, 1.2);
(90.0, -50.0, 0.0, 1.2);	(90.0, -60.0, 0.0, 1.2);
(90.0, -70.0, 0.0, 1.2);	(90.0, -80.0, 0.0, 1.2);
(90.0, -90.0, 0.0, 1.2);	(90.0, -100.0, 0.0, 1.2);
(100.0, 100.0, 0.0, 1.2);	(100.0, 90.0, 0.0, 1.2);
(100.0, 80.0, 0.0, 1.2);	(100.0, 70.0, 0.0, 1.2);
(100.0, 60.0, 0.0, 1.2);	(100.0, 50.0, 0.0, 1.2);
(100.0, 40.0, 0.0, 1.2);	(100.0, 30.0, 0.0, 1.2);
(100.0, 25.0, 0.0, 1.2);	(100.0, 20.0, 0.0, 1.2);
(100.0, 17.0, 0.0, 1.2);	(100.0, 15.0, 0.0, 1.2);
(100.0, 13.0, 0.0, 1.2);	(100.0, 11.0, 0.0, 1.2);
(100.0, 9.0, 0.0, 1.2);	(100.0, -9.0, 0.0, 1.2);
(100.0, -11.0, 0.0, 1.2);	(100.0, -13.0, 0.0, 1.2);
(100.0, -15.0, 0.0, 1.2);	(100.0, -17.0, 0.0, 1.2);
(100.0, -20.0, 0.0, 1.2);	(100.0, -25.0, 0.0, 1.2);
(100.0, -30.0, 0.0, 1.2);	(100.0, -40.0, 0.0, 1.2);
(100.0, -50.0, 0.0, 1.2);	(100.0, -60.0, 0.0, 1.2);
(100.0, -70.0, 0.0, 1.2);	(100.0, -80.0, 0.0, 1.2);
(100.0, -90.0, 0.0, 1.2);	(100.0, -100.0, 0.0, 1.2);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(110.0, 100.0, 0.0, 1.2);	(110.0, 90.0, 0.0, 1.2);
(110.0, 80.0, 0.0, 1.2);	(110.0, 70.0, 0.0, 1.2);
(110.0, 60.0, 0.0, 1.2);	(110.0, 50.0, 0.0, 1.2);
(110.0, 40.0, 0.0, 1.2);	(110.0, 30.0, 0.0, 1.2);
(110.0, 25.0, 0.0, 1.2);	(110.0, 20.0, 0.0, 1.2);
(110.0, 17.0, 0.0, 1.2);	(110.0, 15.0, 0.0, 1.2);
(110.0, 13.0, 0.0, 1.2);	(110.0, 11.0, 0.0, 1.2);
(110.0, 9.0, 0.0, 1.2);	(110.0, -9.0, 0.0, 1.2);
(110.0, -11.0, 0.0, 1.2);	(110.0, -13.0, 0.0, 1.2);
(110.0, -15.0, 0.0, 1.2);	(110.0, -17.0, 0.0, 1.2);
(110.0, -20.0, 0.0, 1.2);	(110.0, -25.0, 0.0, 1.2);
(110.0, -30.0, 0.0, 1.2);	(110.0, -40.0, 0.0, 1.2);
(110.0, -50.0, 0.0, 1.2);	(110.0, -60.0, 0.0, 1.2);
(110.0, -70.0, 0.0, 1.2);	(110.0, -80.0, 0.0, 1.2);
(110.0, -90.0, 0.0, 1.2);	(110.0, -100.0, 0.0, 1.2);
(120.0, 100.0, 0.0, 1.2);	(120.0, 90.0, 0.0, 1.2);
(120.0, 80.0, 0.0, 1.2);	(120.0, 70.0, 0.0, 1.2);
(120.0, 60.0, 0.0, 1.2);	(120.0, 50.0, 0.0, 1.2);
(120.0, 40.0, 0.0, 1.2);	(120.0, 30.0, 0.0, 1.2);
(120.0, 25.0, 0.0, 1.2);	(120.0, 20.0, 0.0, 1.2);
(120.0, 17.0, 0.0, 1.2);	(120.0, 15.0, 0.0, 1.2);
(120.0, 13.0, 0.0, 1.2);	(120.0, 11.0, 0.0, 1.2);
(120.0, 9.0, 0.0, 1.2);	(120.0, -9.0, 0.0, 1.2);
(120.0, -11.0, 0.0, 1.2);	(120.0, -13.0, 0.0, 1.2);
(120.0, -15.0, 0.0, 1.2);	(120.0, -17.0, 0.0, 1.2);
(120.0, -20.0, 0.0, 1.2);	(120.0, -25.0, 0.0, 1.2);
(120.0, -30.0, 0.0, 1.2);	(120.0, -40.0, 0.0, 1.2);
(120.0, -50.0, 0.0, 1.2);	(120.0, -60.0, 0.0, 1.2);
(120.0, -70.0, 0.0, 1.2);	(120.0, -80.0, 0.0, 1.2);
(120.0, -90.0, 0.0, 1.2);	(120.0, -100.0, 0.0, 1.2);
(130.0, 100.0, 0.0, 1.2);	(130.0, 90.0, 0.0, 1.2);
(130.0, 80.0, 0.0, 1.2);	(130.0, 70.0, 0.0, 1.2);
(130.0, 60.0, 0.0, 1.2);	(130.0, 50.0, 0.0, 1.2);
(130.0, 40.0, 0.0, 1.2);	(130.0, 30.0, 0.0, 1.2);
(130.0, 25.0, 0.0, 1.2);	(130.0, 20.0, 0.0, 1.2);
(130.0, 17.0, 0.0, 1.2);	(130.0, 15.0, 0.0, 1.2);
(130.0, 13.0, 0.0, 1.2);	(130.0, 11.0, 0.0, 1.2);
(130.0, 9.0, 0.0, 1.2);	(130.0, -9.0, 0.0, 1.2);
(130.0, -11.0, 0.0, 1.2);	(130.0, -13.0, 0.0, 1.2);

07NCRA_NAPA95-300_DPM_TRAV_ANN E-W Bound

(130.0,	-15.0,	0.0,	1.2);	(130.0,	-17.0,	0.0,	1.2);
(130.0,	-20.0,	0.0,	1.2);	(130.0,	-25.0,	0.0,	1.2);
(130.0,	-30.0,	0.0,	1.2);	(130.0,	-40.0,	0.0,	1.2);
(130.0,	-50.0,	0.0,	1.2);	(130.0,	-60.0,	0.0,	1.2);
(130.0,	-70.0,	0.0,	1.2);	(130.0,	-80.0,	0.0,	1.2);
(130.0,	-90.0,	0.0,	1.2);	(130.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

PAGE 17

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(140.0,	100.0,	0.0,	1.2);	(140.0,	90.0,	0.0,	1.2);
(140.0,	80.0,	0.0,	1.2);	(140.0,	70.0,	0.0,	1.2);
(140.0,	60.0,	0.0,	1.2);	(140.0,	50.0,	0.0,	1.2);
(140.0,	40.0,	0.0,	1.2);	(140.0,	30.0,	0.0,	1.2);
(140.0,	25.0,	0.0,	1.2);	(140.0,	20.0,	0.0,	1.2);
(140.0,	17.0,	0.0,	1.2);	(140.0,	15.0,	0.0,	1.2);
(140.0,	13.0,	0.0,	1.2);	(140.0,	11.0,	0.0,	1.2);
(140.0,	9.0,	0.0,	1.2);	(140.0,	-9.0,	0.0,	1.2);
(140.0,	-11.0,	0.0,	1.2);	(140.0,	-13.0,	0.0,	1.2);
(140.0,	-15.0,	0.0,	1.2);	(140.0,	-17.0,	0.0,	1.2);
(140.0,	-20.0,	0.0,	1.2);	(140.0,	-25.0,	0.0,	1.2);
(140.0,	-30.0,	0.0,	1.2);	(140.0,	-40.0,	0.0,	1.2);
(140.0,	-50.0,	0.0,	1.2);	(140.0,	-60.0,	0.0,	1.2);
(140.0,	-70.0,	0.0,	1.2);	(140.0,	-80.0,	0.0,	1.2);
(140.0,	-90.0,	0.0,	1.2);	(140.0,	-100.0,	0.0,	1.2);
(150.0,	100.0,	0.0,	1.2);	(150.0,	90.0,	0.0,	1.2);
(150.0,	80.0,	0.0,	1.2);	(150.0,	70.0,	0.0,	1.2);
(150.0,	60.0,	0.0,	1.2);	(150.0,	50.0,	0.0,	1.2);
(150.0,	40.0,	0.0,	1.2);	(150.0,	30.0,	0.0,	1.2);
(150.0,	25.0,	0.0,	1.2);	(150.0,	20.0,	0.0,	1.2);
(150.0,	17.0,	0.0,	1.2);	(150.0,	15.0,	0.0,	1.2);
(150.0,	13.0,	0.0,	1.2);	(150.0,	11.0,	0.0,	1.2);
(150.0,	9.0,	0.0,	1.2);	(150.0,	-9.0,	0.0,	1.2);
(150.0,	-11.0,	0.0,	1.2);	(150.0,	-13.0,	0.0,	1.2);
(150.0,	-15.0,	0.0,	1.2);	(150.0,	-17.0,	0.0,	1.2);
(150.0,	-20.0,	0.0,	1.2);	(150.0,	-25.0,	0.0,	1.2);
(150.0,	-30.0,	0.0,	1.2);	(150.0,	-40.0,	0.0,	1.2);
(150.0,	-50.0,	0.0,	1.2);	(150.0,	-60.0,	0.0,	1.2);
(150.0,	-70.0,	0.0,	1.2);	(150.0,	-80.0,	0.0,	1.2);
(150.0,	-90.0,	0.0,	1.2);	(150.0,	-100.0,	0.0,	1.2);
(160.0,	100.0,	0.0,	1.2);	(160.0,	90.0,	0.0,	1.2);

07NCRA_NAPA95-300_DPM_TRAV_ANN E-W Bound

(160.0,	80.0,	0.0,	1.2);	(160.0,	70.0,	0.0,	1.2);
(160.0,	60.0,	0.0,	1.2);	(160.0,	50.0,	0.0,	1.2);
(160.0,	40.0,	0.0,	1.2);	(160.0,	30.0,	0.0,	1.2);
(160.0,	25.0,	0.0,	1.2);	(160.0,	20.0,	0.0,	1.2);
(160.0,	17.0,	0.0,	1.2);	(160.0,	15.0,	0.0,	1.2);
(160.0,	13.0,	0.0,	1.2);	(160.0,	11.0,	0.0,	1.2);
(160.0,	9.0,	0.0,	1.2);	(160.0,	-9.0,	0.0,	1.2);
(160.0,	-11.0,	0.0,	1.2);	(160.0,	-13.0,	0.0,	1.2);
(160.0,	-15.0,	0.0,	1.2);	(160.0,	-17.0,	0.0,	1.2);
(160.0,	-20.0,	0.0,	1.2);	(160.0,	-25.0,	0.0,	1.2);
(160.0,	-30.0,	0.0,	1.2);	(160.0,	-40.0,	0.0,	1.2);
(160.0,	-50.0,	0.0,	1.2);	(160.0,	-60.0,	0.0,	1.2);
(160.0,	-70.0,	0.0,	1.2);	(160.0,	-80.0,	0.0,	1.2);
(160.0,	-90.0,	0.0,	1.2);	(160.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
 PAGE 18
 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(170.0,	100.0,	0.0,	1.2);	(170.0,	90.0,	0.0,	1.2);
(170.0,	80.0,	0.0,	1.2);	(170.0,	70.0,	0.0,	1.2);
(170.0,	60.0,	0.0,	1.2);	(170.0,	50.0,	0.0,	1.2);
(170.0,	40.0,	0.0,	1.2);	(170.0,	30.0,	0.0,	1.2);
(170.0,	25.0,	0.0,	1.2);	(170.0,	20.0,	0.0,	1.2);
(170.0,	17.0,	0.0,	1.2);	(170.0,	15.0,	0.0,	1.2);
(170.0,	13.0,	0.0,	1.2);	(170.0,	11.0,	0.0,	1.2);
(170.0,	9.0,	0.0,	1.2);	(170.0,	-9.0,	0.0,	1.2);
(170.0,	-11.0,	0.0,	1.2);	(170.0,	-13.0,	0.0,	1.2);
(170.0,	-15.0,	0.0,	1.2);	(170.0,	-17.0,	0.0,	1.2);
(170.0,	-20.0,	0.0,	1.2);	(170.0,	-25.0,	0.0,	1.2);
(170.0,	-30.0,	0.0,	1.2);	(170.0,	-40.0,	0.0,	1.2);
(170.0,	-50.0,	0.0,	1.2);	(170.0,	-60.0,	0.0,	1.2);
(170.0,	-70.0,	0.0,	1.2);	(170.0,	-80.0,	0.0,	1.2);
(170.0,	-90.0,	0.0,	1.2);	(170.0,	-100.0,	0.0,	1.2);
(180.0,	100.0,	0.0,	1.2);	(180.0,	90.0,	0.0,	1.2);
(180.0,	80.0,	0.0,	1.2);	(180.0,	70.0,	0.0,	1.2);
(180.0,	60.0,	0.0,	1.2);	(180.0,	50.0,	0.0,	1.2);
(180.0,	40.0,	0.0,	1.2);	(180.0,	30.0,	0.0,	1.2);
(180.0,	25.0,	0.0,	1.2);	(180.0,	20.0,	0.0,	1.2);
(180.0,	17.0,	0.0,	1.2);	(180.0,	15.0,	0.0,	1.2);
(180.0,	13.0,	0.0,	1.2);	(180.0,	11.0,	0.0,	1.2);
(180.0,	9.0,	0.0,	1.2);	(180.0,	-9.0,	0.0,	1.2);

07NCRA_NAPA95-300_DPM_TRAV_ANN E-W Bound

(180.0,	-11.0,	0.0,	1.2);	(180.0,	-13.0,	0.0,	1.2);
(180.0,	-15.0,	0.0,	1.2);	(180.0,	-17.0,	0.0,	1.2);
(180.0,	-20.0,	0.0,	1.2);	(180.0,	-25.0,	0.0,	1.2);
(180.0,	-30.0,	0.0,	1.2);	(180.0,	-40.0,	0.0,	1.2);
(180.0,	-50.0,	0.0,	1.2);	(180.0,	-60.0,	0.0,	1.2);
(180.0,	-70.0,	0.0,	1.2);	(180.0,	-80.0,	0.0,	1.2);
(180.0,	-90.0,	0.0,	1.2);	(180.0,	-100.0,	0.0,	1.2);
(190.0,	100.0,	0.0,	1.2);	(190.0,	90.0,	0.0,	1.2);
(190.0,	80.0,	0.0,	1.2);	(190.0,	70.0,	0.0,	1.2);
(190.0,	60.0,	0.0,	1.2);	(190.0,	50.0,	0.0,	1.2);
(190.0,	40.0,	0.0,	1.2);	(190.0,	30.0,	0.0,	1.2);
(190.0,	25.0,	0.0,	1.2);	(190.0,	20.0,	0.0,	1.2);
(190.0,	17.0,	0.0,	1.2);	(190.0,	15.0,	0.0,	1.2);
(190.0,	13.0,	0.0,	1.2);	(190.0,	11.0,	0.0,	1.2);
(190.0,	9.0,	0.0,	1.2);	(190.0,	-9.0,	0.0,	1.2);
(190.0,	-11.0,	0.0,	1.2);	(190.0,	-13.0,	0.0,	1.2);
(190.0,	-15.0,	0.0,	1.2);	(190.0,	-17.0,	0.0,	1.2);
(190.0,	-20.0,	0.0,	1.2);	(190.0,	-25.0,	0.0,	1.2);
(190.0,	-30.0,	0.0,	1.2);	(190.0,	-40.0,	0.0,	1.2);
(190.0,	-50.0,	0.0,	1.2);	(190.0,	-60.0,	0.0,	1.2);
(190.0,	-70.0,	0.0,	1.2);	(190.0,	-80.0,	0.0,	1.2);
(190.0,	-90.0,	0.0,	1.2);	(190.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(200.0,	100.0,	0.0,	1.2);	(200.0,	90.0,	0.0,	1.2);
(200.0,	80.0,	0.0,	1.2);	(200.0,	70.0,	0.0,	1.2);
(200.0,	60.0,	0.0,	1.2);	(200.0,	50.0,	0.0,	1.2);
(200.0,	40.0,	0.0,	1.2);	(200.0,	30.0,	0.0,	1.2);
(200.0,	25.0,	0.0,	1.2);	(200.0,	20.0,	0.0,	1.2);
(200.0,	17.0,	0.0,	1.2);	(200.0,	15.0,	0.0,	1.2);
(200.0,	13.0,	0.0,	1.2);	(200.0,	11.0,	0.0,	1.2);
(200.0,	9.0,	0.0,	1.2);	(200.0,	-9.0,	0.0,	1.2);
(200.0,	-11.0,	0.0,	1.2);	(200.0,	-13.0,	0.0,	1.2);
(200.0,	-15.0,	0.0,	1.2);	(200.0,	-17.0,	0.0,	1.2);
(200.0,	-20.0,	0.0,	1.2);	(200.0,	-25.0,	0.0,	1.2);
(200.0,	-30.0,	0.0,	1.2);	(200.0,	-40.0,	0.0,	1.2);
(200.0,	-50.0,	0.0,	1.2);	(200.0,	-60.0,	0.0,	1.2);
(200.0,	-70.0,	0.0,	1.2);	(200.0,	-80.0,	0.0,	1.2);
(200.0,	-90.0,	0.0,	1.2);	(200.0,	-100.0,	0.0,	1.2);

07NCRA_NAPA95-300_DPM_TRAV_ANN E-W Bound

(210.0,	100.0,	0.0,	1.2);	(210.0,	90.0,	0.0,	1.2);
(210.0,	80.0,	0.0,	1.2);	(210.0,	70.0,	0.0,	1.2);
(210.0,	60.0,	0.0,	1.2);	(210.0,	50.0,	0.0,	1.2);
(210.0,	40.0,	0.0,	1.2);	(210.0,	30.0,	0.0,	1.2);
(210.0,	25.0,	0.0,	1.2);	(210.0,	20.0,	0.0,	1.2);
(210.0,	17.0,	0.0,	1.2);	(210.0,	15.0,	0.0,	1.2);
(210.0,	13.0,	0.0,	1.2);	(210.0,	11.0,	0.0,	1.2);
(210.0,	9.0,	0.0,	1.2);	(210.0,	-9.0,	0.0,	1.2);
(210.0,	-11.0,	0.0,	1.2);	(210.0,	-13.0,	0.0,	1.2);
(210.0,	-15.0,	0.0,	1.2);	(210.0,	-17.0,	0.0,	1.2);
(210.0,	-20.0,	0.0,	1.2);	(210.0,	-25.0,	0.0,	1.2);
(210.0,	-30.0,	0.0,	1.2);	(210.0,	-40.0,	0.0,	1.2);
(210.0,	-50.0,	0.0,	1.2);	(210.0,	-60.0,	0.0,	1.2);
(210.0,	-70.0,	0.0,	1.2);	(210.0,	-80.0,	0.0,	1.2);
(210.0,	-90.0,	0.0,	1.2);	(210.0,	-100.0,	0.0,	1.2);
(220.0,	100.0,	0.0,	1.2);	(220.0,	90.0,	0.0,	1.2);
(220.0,	80.0,	0.0,	1.2);	(220.0,	70.0,	0.0,	1.2);
(220.0,	60.0,	0.0,	1.2);	(220.0,	50.0,	0.0,	1.2);
(220.0,	40.0,	0.0,	1.2);	(220.0,	30.0,	0.0,	1.2);
(220.0,	25.0,	0.0,	1.2);	(220.0,	20.0,	0.0,	1.2);
(220.0,	17.0,	0.0,	1.2);	(220.0,	15.0,	0.0,	1.2);
(220.0,	13.0,	0.0,	1.2);	(220.0,	11.0,	0.0,	1.2);
(220.0,	9.0,	0.0,	1.2);	(220.0,	-9.0,	0.0,	1.2);
(220.0,	-11.0,	0.0,	1.2);	(220.0,	-13.0,	0.0,	1.2);
(220.0,	-15.0,	0.0,	1.2);	(220.0,	-17.0,	0.0,	1.2);
(220.0,	-20.0,	0.0,	1.2);	(220.0,	-25.0,	0.0,	1.2);
(220.0,	-30.0,	0.0,	1.2);	(220.0,	-40.0,	0.0,	1.2);
(220.0,	-50.0,	0.0,	1.2);	(220.0,	-60.0,	0.0,	1.2);
(220.0,	-70.0,	0.0,	1.2);	(220.0,	-80.0,	0.0,	1.2);
(220.0,	-90.0,	0.0,	1.2);	(220.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(230.0,	100.0,	0.0,	1.2);	(230.0,	90.0,	0.0,	1.2);
(230.0,	80.0,	0.0,	1.2);	(230.0,	70.0,	0.0,	1.2);
(230.0,	60.0,	0.0,	1.2);	(230.0,	50.0,	0.0,	1.2);
(230.0,	40.0,	0.0,	1.2);	(230.0,	30.0,	0.0,	1.2);
(230.0,	25.0,	0.0,	1.2);	(230.0,	20.0,	0.0,	1.2);
(230.0,	17.0,	0.0,	1.2);	(230.0,	15.0,	0.0,	1.2);
(230.0,	13.0,	0.0,	1.2);	(230.0,	11.0,	0.0,	1.2);

07NCRA_NAPA95-300_DPM_TRAV_ANN E-W Bound

(230.0,	9.0,	0.0,	1.2);	(230.0,	-9.0,	0.0,	1.2);
(230.0,	-11.0,	0.0,	1.2);	(230.0,	-13.0,	0.0,	1.2);
(230.0,	-15.0,	0.0,	1.2);	(230.0,	-17.0,	0.0,	1.2);
(230.0,	-20.0,	0.0,	1.2);	(230.0,	-25.0,	0.0,	1.2);
(230.0,	-30.0,	0.0,	1.2);	(230.0,	-40.0,	0.0,	1.2);
(230.0,	-50.0,	0.0,	1.2);	(230.0,	-60.0,	0.0,	1.2);
(230.0,	-70.0,	0.0,	1.2);	(230.0,	-80.0,	0.0,	1.2);
(230.0,	-90.0,	0.0,	1.2);	(230.0,	-100.0,	0.0,	1.2);
(240.0,	100.0,	0.0,	1.2);	(240.0,	90.0,	0.0,	1.2);
(240.0,	80.0,	0.0,	1.2);	(240.0,	70.0,	0.0,	1.2);
(240.0,	60.0,	0.0,	1.2);	(240.0,	50.0,	0.0,	1.2);
(240.0,	40.0,	0.0,	1.2);	(240.0,	30.0,	0.0,	1.2);
(240.0,	25.0,	0.0,	1.2);	(240.0,	20.0,	0.0,	1.2);
(240.0,	17.0,	0.0,	1.2);	(240.0,	15.0,	0.0,	1.2);
(240.0,	13.0,	0.0,	1.2);	(240.0,	11.0,	0.0,	1.2);
(240.0,	9.0,	0.0,	1.2);	(240.0,	-9.0,	0.0,	1.2);
(240.0,	-11.0,	0.0,	1.2);	(240.0,	-13.0,	0.0,	1.2);
(240.0,	-15.0,	0.0,	1.2);	(240.0,	-17.0,	0.0,	1.2);
(240.0,	-20.0,	0.0,	1.2);	(240.0,	-25.0,	0.0,	1.2);
(240.0,	-30.0,	0.0,	1.2);	(240.0,	-40.0,	0.0,	1.2);
(240.0,	-50.0,	0.0,	1.2);	(240.0,	-60.0,	0.0,	1.2);
(240.0,	-70.0,	0.0,	1.2);	(240.0,	-80.0,	0.0,	1.2);
(240.0,	-90.0,	0.0,	1.2);	(240.0,	-100.0,	0.0,	1.2);
(250.0,	100.0,	0.0,	1.2);	(250.0,	90.0,	0.0,	1.2);
(250.0,	80.0,	0.0,	1.2);	(250.0,	70.0,	0.0,	1.2);
(250.0,	60.0,	0.0,	1.2);	(250.0,	50.0,	0.0,	1.2);
(250.0,	40.0,	0.0,	1.2);	(250.0,	30.0,	0.0,	1.2);
(250.0,	25.0,	0.0,	1.2);	(250.0,	20.0,	0.0,	1.2);
(250.0,	17.0,	0.0,	1.2);	(250.0,	15.0,	0.0,	1.2);
(250.0,	13.0,	0.0,	1.2);	(250.0,	11.0,	0.0,	1.2);
(250.0,	9.0,	0.0,	1.2);	(250.0,	-9.0,	0.0,	1.2);
(250.0,	-11.0,	0.0,	1.2);	(250.0,	-13.0,	0.0,	1.2);
(250.0,	-15.0,	0.0,	1.2);	(250.0,	-17.0,	0.0,	1.2);
(250.0,	-20.0,	0.0,	1.2);	(250.0,	-25.0,	0.0,	1.2);
(250.0,	-30.0,	0.0,	1.2);	(250.0,	-40.0,	0.0,	1.2);
(250.0,	-50.0,	0.0,	1.2);	(250.0,	-60.0,	0.0,	1.2);
(250.0,	-70.0,	0.0,	1.2);	(250.0,	-80.0,	0.0,	1.2);
(250.0,	-90.0,	0.0,	1.2);	(250.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
95	01	01	01	162.0	2.68	279.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	02	224.0	3.62	281.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	03	154.0	2.19	280.3	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	04	188.0	2.82	279.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	05	212.0	2.37	280.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	06	136.0	1.83	280.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	07	140.0	1.61	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	08	168.0	1.83	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	09	161.0	2.32	280.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	10	160.0	2.77	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	11	169.0	3.08	281.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	12	182.0	3.04	281.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	13	175.0	3.13	282.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	14	172.0	3.62	282.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	15	169.0	3.08	282.4	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	16	171.0	3.00	282.3	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	17	172.0	2.32	282.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	18	183.0	2.82	281.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	19	177.0	2.46	281.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	20	213.0	1.74	281.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	21	185.0	2.06	281.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	22	252.0	1.52	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	23	191.0	1.16	278.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	24	214.0	1.00	278.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00005	-250.00	90.00	0.00005
-250.00	80.00	0.00006	-250.00	70.00	0.00006
-250.00	60.00	0.00006	-250.00	50.00	0.00006
-250.00	40.00	0.00006	-250.00	30.00	0.00007
-250.00	25.00	0.00007	-250.00	20.00	0.00007
-250.00	17.00	0.00007	-250.00	15.00	0.00007
-250.00	13.00	0.00007	-250.00	11.00	0.00007
-250.00	9.00	0.00007	-250.00	-9.00	0.00007
-250.00	-11.00	0.00007	-250.00	-13.00	0.00007
-250.00	-15.00	0.00007	-250.00	-17.00	0.00007
-250.00	-20.00	0.00008	-250.00	-25.00	0.00008
-250.00	-30.00	0.00008	-250.00	-40.00	0.00008
-250.00	-50.00	0.00008	-250.00	-60.00	0.00008
-250.00	-70.00	0.00008	-250.00	-80.00	0.00009
-250.00	-90.00	0.00009	-250.00	-100.00	0.00009
-240.00	100.00	0.00005	-240.00	90.00	0.00006
-240.00	80.00	0.00006	-240.00	70.00	0.00006

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-240.00	60.00	0.00006	-240.00	50.00	0.00006
-240.00	40.00	0.00007	-240.00	30.00	0.00007
-240.00	25.00	0.00007	-240.00	20.00	0.00007
-240.00	17.00	0.00007	-240.00	15.00	0.00007
-240.00	13.00	0.00007	-240.00	11.00	0.00007
-240.00	9.00	0.00007	-240.00	-9.00	0.00008
-240.00	-11.00	0.00008	-240.00	-13.00	0.00008
-240.00	-15.00	0.00008	-240.00	-17.00	0.00008
-240.00	-20.00	0.00008	-240.00	-25.00	0.00008
-240.00	-30.00	0.00008	-240.00	-40.00	0.00008
-240.00	-50.00	0.00008	-240.00	-60.00	0.00009
-240.00	-70.00	0.00009	-240.00	-80.00	0.00009
-240.00	-90.00	0.00009	-240.00	-100.00	0.00009
-230.00	100.00	0.00006	-230.00	90.00	0.00006
-230.00	80.00	0.00006	-230.00	70.00	0.00006
-230.00	60.00	0.00006	-230.00	50.00	0.00007
-230.00	40.00	0.00007	-230.00	30.00	0.00007
-230.00	25.00	0.00007	-230.00	20.00	0.00007
-230.00	17.00	0.00007	-230.00	15.00	0.00008
-230.00	13.00	0.00008	-230.00	11.00	0.00008
-230.00	9.00	0.00008	-230.00	-9.00	0.00008
-230.00	-11.00	0.00008	-230.00	-13.00	0.00008
-230.00	-15.00	0.00008	-230.00	-17.00	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00008	-230.00	-25.00	0.00008
-230.00	-30.00	0.00008	-230.00	-40.00	0.00009
-230.00	-50.00	0.00009	-230.00	-60.00	0.00009
-230.00	-70.00	0.00009	-230.00	-80.00	0.00009
-230.00	-90.00	0.00010	-230.00	-100.00	0.00010
-220.00	100.00	0.00006	-220.00	90.00	0.00006
-220.00	80.00	0.00006	-220.00	70.00	0.00007
-220.00	60.00	0.00007	-220.00	50.00	0.00007
-220.00	40.00	0.00007	-220.00	30.00	0.00007
-220.00	25.00	0.00008	-220.00	20.00	0.00008
-220.00	17.00	0.00008	-220.00	15.00	0.00008

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-220.00	13.00	0.00008	-220.00	11.00	0.00008
-220.00	9.00	0.00008	-220.00	-9.00	0.00008
-220.00	-11.00	0.00008	-220.00	-13.00	0.00008
-220.00	-15.00	0.00008	-220.00	-17.00	0.00009
-220.00	-20.00	0.00009	-220.00	-25.00	0.00009
-220.00	-30.00	0.00009	-220.00	-40.00	0.00009
-220.00	-50.00	0.00009	-220.00	-60.00	0.00009
-220.00	-70.00	0.00010	-220.00	-80.00	0.00010
-220.00	-90.00	0.00010	-220.00	-100.00	0.00010
-210.00	100.00	0.00006	-210.00	90.00	0.00006
-210.00	80.00	0.00007	-210.00	70.00	0.00007
-210.00	60.00	0.00007	-210.00	50.00	0.00007
-210.00	40.00	0.00008	-210.00	30.00	0.00008
-210.00	25.00	0.00008	-210.00	20.00	0.00008
-210.00	17.00	0.00008	-210.00	15.00	0.00008
-210.00	13.00	0.00008	-210.00	11.00	0.00008
-210.00	9.00	0.00008	-210.00	-9.00	0.00009
-210.00	-11.00	0.00009	-210.00	-13.00	0.00009
-210.00	-15.00	0.00009	-210.00	-17.00	0.00009
-210.00	-20.00	0.00009	-210.00	-25.00	0.00009
-210.00	-30.00	0.00009	-210.00	-40.00	0.00009
-210.00	-50.00	0.00010	-210.00	-60.00	0.00010
-210.00	-70.00	0.00010	-210.00	-80.00	0.00010
-210.00	-90.00	0.00011	-210.00	-100.00	0.00011
-200.00	100.00	0.00006	-200.00	90.00	0.00007
-200.00	80.00	0.00007	-200.00	70.00	0.00007
-200.00	60.00	0.00007	-200.00	50.00	0.00008
-200.00	40.00	0.00008	-200.00	30.00	0.00008
-200.00	25.00	0.00008	-200.00	20.00	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTS:
 PAGE 25

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00009	-200.00	15.00	0.00009
-200.00	13.00	0.00009	-200.00	11.00	0.00009
-200.00	9.00	0.00009	-200.00	-9.00	0.00009
-200.00	-11.00	0.00009	-200.00	-13.00	0.00009
-200.00	-15.00	0.00009	-200.00	-17.00	0.00009

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-200.00	-20.00	0.00009	-200.00	-25.00	0.00010
-200.00	-30.00	0.00010	-200.00	-40.00	0.00010
-200.00	-50.00	0.00010	-200.00	-60.00	0.00010
-200.00	-70.00	0.00011	-200.00	-80.00	0.00011
-200.00	-90.00	0.00011	-200.00	-100.00	0.00012
-190.00	100.00	0.00007	-190.00	90.00	0.00007
-190.00	80.00	0.00007	-190.00	70.00	0.00007
-190.00	60.00	0.00008	-190.00	50.00	0.00008
-190.00	40.00	0.00008	-190.00	30.00	0.00009
-190.00	25.00	0.00009	-190.00	20.00	0.00009
-190.00	17.00	0.00009	-190.00	15.00	0.00009
-190.00	13.00	0.00009	-190.00	11.00	0.00009
-190.00	9.00	0.00009	-190.00	-9.00	0.00010
-190.00	-11.00	0.00010	-190.00	-13.00	0.00010
-190.00	-15.00	0.00010	-190.00	-17.00	0.00010
-190.00	-20.00	0.00010	-190.00	-25.00	0.00010
-190.00	-30.00	0.00010	-190.00	-40.00	0.00010
-190.00	-50.00	0.00011	-190.00	-60.00	0.00011
-190.00	-70.00	0.00011	-190.00	-80.00	0.00012
-190.00	-90.00	0.00012	-190.00	-100.00	0.00012
-180.00	100.00	0.00007	-180.00	90.00	0.00007
-180.00	80.00	0.00007	-180.00	70.00	0.00008
-180.00	60.00	0.00008	-180.00	50.00	0.00008
-180.00	40.00	0.00009	-180.00	30.00	0.00009
-180.00	25.00	0.00009	-180.00	20.00	0.00009
-180.00	17.00	0.00009	-180.00	15.00	0.00009
-180.00	13.00	0.00010	-180.00	11.00	0.00010
-180.00	9.00	0.00010	-180.00	-9.00	0.00010
-180.00	-11.00	0.00010	-180.00	-13.00	0.00010
-180.00	-15.00	0.00010	-180.00	-17.00	0.00010
-180.00	-20.00	0.00010	-180.00	-25.00	0.00011
-180.00	-30.00	0.00011	-180.00	-40.00	0.00011
-180.00	-50.00	0.00011	-180.00	-60.00	0.00012
-180.00	-70.00	0.00012	-180.00	-80.00	0.00012
-180.00	-90.00	0.00013	-180.00	-100.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 17:14:39
 **MODELOPTS:
 PAGE 26
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00007	-170.00	90.00	0.00007
-170.00	80.00	0.00008	-170.00	70.00	0.00008
-170.00	60.00	0.00008	-170.00	50.00	0.00009
-170.00	40.00	0.00009	-170.00	30.00	0.00009
-170.00	25.00	0.00010	-170.00	20.00	0.00010
-170.00	17.00	0.00010	-170.00	15.00	0.00010
-170.00	13.00	0.00010	-170.00	11.00	0.00010
-170.00	9.00	0.00010	-170.00	-9.00	0.00011
-170.00	-11.00	0.00011	-170.00	-13.00	0.00011
-170.00	-15.00	0.00011	-170.00	-17.00	0.00011
-170.00	-20.00	0.00011	-170.00	-25.00	0.00011
-170.00	-30.00	0.00011	-170.00	-40.00	0.00012
-170.00	-50.00	0.00012	-170.00	-60.00	0.00012
-170.00	-70.00	0.00013	-170.00	-80.00	0.00013
-170.00	-90.00	0.00013	-170.00	-100.00	0.00014
-160.00	100.00	0.00007	-160.00	90.00	0.00008
-160.00	80.00	0.00008	-160.00	70.00	0.00008
-160.00	60.00	0.00009	-160.00	50.00	0.00009
-160.00	40.00	0.00009	-160.00	30.00	0.00010
-160.00	25.00	0.00010	-160.00	20.00	0.00010
-160.00	17.00	0.00010	-160.00	15.00	0.00010
-160.00	13.00	0.00011	-160.00	11.00	0.00011
-160.00	9.00	0.00011	-160.00	-9.00	0.00011
-160.00	-11.00	0.00011	-160.00	-13.00	0.00011
-160.00	-15.00	0.00011	-160.00	-17.00	0.00012
-160.00	-20.00	0.00012	-160.00	-25.00	0.00012
-160.00	-30.00	0.00012	-160.00	-40.00	0.00012
-160.00	-50.00	0.00013	-160.00	-60.00	0.00013
-160.00	-70.00	0.00013	-160.00	-80.00	0.00014
-160.00	-90.00	0.00014	-160.00	-100.00	0.00015
-150.00	100.00	0.00008	-150.00	90.00	0.00008
-150.00	80.00	0.00008	-150.00	70.00	0.00009
-150.00	60.00	0.00009	-150.00	50.00	0.00010
-150.00	40.00	0.00010	-150.00	30.00	0.00010
-150.00	25.00	0.00011	-150.00	20.00	0.00011
-150.00	17.00	0.00011	-150.00	15.00	0.00011
-150.00	13.00	0.00011	-150.00	11.00	0.00011
-150.00	9.00	0.00011	-150.00	-9.00	0.00012
-150.00	-11.00	0.00012	-150.00	-13.00	0.00012
-150.00	-15.00	0.00012	-150.00	-17.00	0.00012

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:14:39

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00012	-150.00	-25.00	0.00012
-150.00	-30.00	0.00013	-150.00	-40.00	0.00013
-150.00	-50.00	0.00013	-150.00	-60.00	0.00014
-150.00	-70.00	0.00014	-150.00	-80.00	0.00015
-150.00	-90.00	0.00015	-150.00	-100.00	0.00016
-140.00	100.00	0.00008	-140.00	90.00	0.00008
-140.00	80.00	0.00009	-140.00	70.00	0.00009
-140.00	60.00	0.00010	-140.00	50.00	0.00010
-140.00	40.00	0.00010	-140.00	30.00	0.00011
-140.00	25.00	0.00011	-140.00	20.00	0.00011
-140.00	17.00	0.00012	-140.00	15.00	0.00012
-140.00	13.00	0.00012	-140.00	11.00	0.00012
-140.00	9.00	0.00012	-140.00	-9.00	0.00013
-140.00	-11.00	0.00013	-140.00	-13.00	0.00013
-140.00	-15.00	0.00013	-140.00	-17.00	0.00013
-140.00	-20.00	0.00013	-140.00	-25.00	0.00013
-140.00	-30.00	0.00013	-140.00	-40.00	0.00014
-140.00	-50.00	0.00014	-140.00	-60.00	0.00015
-140.00	-70.00	0.00015	-140.00	-80.00	0.00016
-140.00	-90.00	0.00016	-140.00	-100.00	0.00017
-130.00	100.00	0.00008	-130.00	90.00	0.00009
-130.00	80.00	0.00009	-130.00	70.00	0.00010
-130.00	60.00	0.00010	-130.00	50.00	0.00011
-130.00	40.00	0.00011	-130.00	30.00	0.00012
-130.00	25.00	0.00012	-130.00	20.00	0.00012
-130.00	17.00	0.00012	-130.00	15.00	0.00012
-130.00	13.00	0.00012	-130.00	11.00	0.00013
-130.00	9.00	0.00013	-130.00	-9.00	0.00013
-130.00	-11.00	0.00014	-130.00	-13.00	0.00014
-130.00	-15.00	0.00014	-130.00	-17.00	0.00014
-130.00	-20.00	0.00014	-130.00	-25.00	0.00014
-130.00	-30.00	0.00014	-130.00	-40.00	0.00015
-130.00	-50.00	0.00015	-130.00	-60.00	0.00016
-130.00	-70.00	0.00016	-130.00	-80.00	0.00017
-130.00	-90.00	0.00017	-130.00	-100.00	0.00018
-120.00	100.00	0.00008	-120.00	90.00	0.00009
-120.00	80.00	0.00010	-120.00	70.00	0.00010

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-120.00	60.00	0.00011	-120.00	50.00	0.00011
-120.00	40.00	0.00012	-120.00	30.00	0.00012
-120.00	25.00	0.00012	-120.00	20.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00013	-120.00	15.00	0.00013
-120.00	13.00	0.00013	-120.00	11.00	0.00013
-120.00	9.00	0.00013	-120.00	-9.00	0.00014
-120.00	-11.00	0.00014	-120.00	-13.00	0.00014
-120.00	-15.00	0.00015	-120.00	-17.00	0.00015
-120.00	-20.00	0.00015	-120.00	-25.00	0.00015
-120.00	-30.00	0.00015	-120.00	-40.00	0.00016
-120.00	-50.00	0.00016	-120.00	-60.00	0.00017
-120.00	-70.00	0.00017	-120.00	-80.00	0.00018
-120.00	-90.00	0.00018	-120.00	-100.00	0.00019
-110.00	100.00	0.00009	-110.00	90.00	0.00009
-110.00	80.00	0.00010	-110.00	70.00	0.00011
-110.00	60.00	0.00011	-110.00	50.00	0.00012
-110.00	40.00	0.00012	-110.00	30.00	0.00013
-110.00	25.00	0.00013	-110.00	20.00	0.00014
-110.00	17.00	0.00014	-110.00	15.00	0.00014
-110.00	13.00	0.00014	-110.00	11.00	0.00014
-110.00	9.00	0.00014	-110.00	-9.00	0.00015
-110.00	-11.00	0.00015	-110.00	-13.00	0.00015
-110.00	-15.00	0.00016	-110.00	-17.00	0.00016
-110.00	-20.00	0.00016	-110.00	-25.00	0.00016
-110.00	-30.00	0.00016	-110.00	-40.00	0.00017
-110.00	-50.00	0.00017	-110.00	-60.00	0.00018
-110.00	-70.00	0.00019	-110.00	-80.00	0.00019
-110.00	-90.00	0.00020	-110.00	-100.00	0.00020
-100.00	100.00	0.00009	-100.00	90.00	0.00010
-100.00	80.00	0.00010	-100.00	70.00	0.00011
-100.00	60.00	0.00012	-100.00	50.00	0.00012
-100.00	40.00	0.00013	-100.00	30.00	0.00014
-100.00	25.00	0.00014	-100.00	20.00	0.00014
-100.00	17.00	0.00015	-100.00	15.00	0.00015

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-100.00	13.00	0.00015	-100.00	11.00	0.00015
-100.00	9.00	0.00015	-100.00	-9.00	0.00016
-100.00	-11.00	0.00016	-100.00	-13.00	0.00016
-100.00	-15.00	0.00017	-100.00	-17.00	0.00017
-100.00	-20.00	0.00017	-100.00	-25.00	0.00017
-100.00	-30.00	0.00017	-100.00	-40.00	0.00018
-100.00	-50.00	0.00019	-100.00	-60.00	0.00019
-100.00	-70.00	0.00020	-100.00	-80.00	0.00021
-100.00	-90.00	0.00021	-100.00	-100.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00009	-90.00	90.00	0.00010
-90.00	80.00	0.00011	-90.00	70.00	0.00012
-90.00	60.00	0.00013	-90.00	50.00	0.00013
-90.00	40.00	0.00014	-90.00	30.00	0.00015
-90.00	25.00	0.00015	-90.00	20.00	0.00015
-90.00	17.00	0.00016	-90.00	15.00	0.00016
-90.00	13.00	0.00016	-90.00	11.00	0.00016
-90.00	9.00	0.00016	-90.00	-9.00	0.00017
-90.00	-11.00	0.00018	-90.00	-13.00	0.00018
-90.00	-15.00	0.00018	-90.00	-17.00	0.00018
-90.00	-20.00	0.00018	-90.00	-25.00	0.00018
-90.00	-30.00	0.00019	-90.00	-40.00	0.00019
-90.00	-50.00	0.00020	-90.00	-60.00	0.00021
-90.00	-70.00	0.00022	-90.00	-80.00	0.00022
-90.00	-90.00	0.00023	-90.00	-100.00	0.00023
-80.00	100.00	0.00010	-80.00	90.00	0.00010
-80.00	80.00	0.00011	-80.00	70.00	0.00012
-80.00	60.00	0.00013	-80.00	50.00	0.00014
-80.00	40.00	0.00015	-80.00	30.00	0.00016
-80.00	25.00	0.00016	-80.00	20.00	0.00016
-80.00	17.00	0.00017	-80.00	15.00	0.00017
-80.00	13.00	0.00017	-80.00	11.00	0.00017
-80.00	9.00	0.00017	-80.00	-9.00	0.00019
-80.00	-11.00	0.00019	-80.00	-13.00	0.00019
-80.00	-15.00	0.00019	-80.00	-17.00	0.00019

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-80.00	-20.00	0.00019	-80.00	-25.00	0.00020
-80.00	-30.00	0.00020	-80.00	-40.00	0.00021
-80.00	-50.00	0.00022	-80.00	-60.00	0.00023
-80.00	-70.00	0.00023	-80.00	-80.00	0.00024
-80.00	-90.00	0.00024	-80.00	-100.00	0.00025
-70.00	100.00	0.00010	-70.00	90.00	0.00011
-70.00	80.00	0.00012	-70.00	70.00	0.00013
-70.00	60.00	0.00014	-70.00	50.00	0.00015
-70.00	40.00	0.00016	-70.00	30.00	0.00017
-70.00	25.00	0.00017	-70.00	20.00	0.00018
-70.00	17.00	0.00018	-70.00	15.00	0.00018
-70.00	13.00	0.00018	-70.00	11.00	0.00018
-70.00	9.00	0.00019	-70.00	-9.00	0.00020
-70.00	-11.00	0.00020	-70.00	-13.00	0.00020
-70.00	-15.00	0.00021	-70.00	-17.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00021	-70.00	-25.00	0.00021
-70.00	-30.00	0.00022	-70.00	-40.00	0.00023
-70.00	-50.00	0.00024	-70.00	-60.00	0.00025
-70.00	-70.00	0.00025	-70.00	-80.00	0.00026
-70.00	-90.00	0.00026	-70.00	-100.00	0.00026
-60.00	100.00	0.00010	-60.00	90.00	0.00011
-60.00	80.00	0.00012	-60.00	70.00	0.00014
-60.00	60.00	0.00015	-60.00	50.00	0.00016
-60.00	40.00	0.00017	-60.00	30.00	0.00018
-60.00	25.00	0.00018	-60.00	20.00	0.00019
-60.00	17.00	0.00019	-60.00	15.00	0.00019
-60.00	13.00	0.00020	-60.00	11.00	0.00020
-60.00	9.00	0.00020	-60.00	-9.00	0.00022
-60.00	-11.00	0.00022	-60.00	-13.00	0.00022
-60.00	-15.00	0.00022	-60.00	-17.00	0.00022
-60.00	-20.00	0.00023	-60.00	-25.00	0.00023
-60.00	-30.00	0.00024	-60.00	-40.00	0.00025
-60.00	-50.00	0.00026	-60.00	-60.00	0.00027
-60.00	-70.00	0.00028	-60.00	-80.00	0.00028

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-60.00	-90.00	0.00028	-60.00	-100.00	0.00028
-50.00	100.00	0.00010	-50.00	90.00	0.00012
-50.00	80.00	0.00013	-50.00	70.00	0.00014
-50.00	60.00	0.00016	-50.00	50.00	0.00017
-50.00	40.00	0.00018	-50.00	30.00	0.00019
-50.00	25.00	0.00020	-50.00	20.00	0.00020
-50.00	17.00	0.00021	-50.00	15.00	0.00021
-50.00	13.00	0.00021	-50.00	11.00	0.00021
-50.00	9.00	0.00022	-50.00	-9.00	0.00024
-50.00	-11.00	0.00024	-50.00	-13.00	0.00024
-50.00	-15.00	0.00024	-50.00	-17.00	0.00024
-50.00	-20.00	0.00025	-50.00	-25.00	0.00025
-50.00	-30.00	0.00026	-50.00	-40.00	0.00027
-50.00	-50.00	0.00028	-50.00	-60.00	0.00029
-50.00	-70.00	0.00030	-50.00	-80.00	0.00031
-50.00	-90.00	0.00031	-50.00	-100.00	0.00030
-40.00	100.00	0.00011	-40.00	90.00	0.00012
-40.00	80.00	0.00014	-40.00	70.00	0.00015
-40.00	60.00	0.00017	-40.00	50.00	0.00018
-40.00	40.00	0.00019	-40.00	30.00	0.00021
-40.00	25.00	0.00021	-40.00	20.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
 PAGE 31
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00022	-40.00	15.00	0.00023
-40.00	13.00	0.00023	-40.00	11.00	0.00023
-40.00	9.00	0.00023	-40.00	-9.00	0.00026
-40.00	-11.00	0.00026	-40.00	-13.00	0.00026
-40.00	-15.00	0.00026	-40.00	-17.00	0.00026
-40.00	-20.00	0.00027	-40.00	-25.00	0.00027
-40.00	-30.00	0.00028	-40.00	-40.00	0.00029
-40.00	-50.00	0.00031	-40.00	-60.00	0.00032
-40.00	-70.00	0.00033	-40.00	-80.00	0.00033
-40.00	-90.00	0.00033	-40.00	-100.00	0.00033
-30.00	100.00	0.00011	-30.00	90.00	0.00013
-30.00	80.00	0.00014	-30.00	70.00	0.00016
-30.00	60.00	0.00018	-30.00	50.00	0.00019

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-30.00	40.00	0.00021	-30.00	30.00	0.00022
-30.00	25.00	0.00023	-30.00	20.00	0.00024
-30.00	17.00	0.00024	-30.00	15.00	0.00024
-30.00	13.00	0.00025	-30.00	11.00	0.00025
-30.00	9.00	0.00025	-30.00	-9.00	0.00028
-30.00	-11.00	0.00028	-30.00	-13.00	0.00028
-30.00	-15.00	0.00029	-30.00	-17.00	0.00029
-30.00	-20.00	0.00029	-30.00	-25.00	0.00030
-30.00	-30.00	0.00031	-30.00	-40.00	0.00032
-30.00	-50.00	0.00034	-30.00	-60.00	0.00035
-30.00	-70.00	0.00036	-30.00	-80.00	0.00036
-30.00	-90.00	0.00036	-30.00	-100.00	0.00035
-20.00	100.00	0.00012	-20.00	90.00	0.00013
-20.00	80.00	0.00015	-20.00	70.00	0.00017
-20.00	60.00	0.00019	-20.00	50.00	0.00021
-20.00	40.00	0.00022	-20.00	30.00	0.00024
-20.00	25.00	0.00025	-20.00	20.00	0.00026
-20.00	17.00	0.00026	-20.00	15.00	0.00027
-20.00	13.00	0.00027	-20.00	11.00	0.00027
-20.00	9.00	0.00028	-20.00	-9.00	0.00031
-20.00	-11.00	0.00031	-20.00	-13.00	0.00031
-20.00	-15.00	0.00032	-20.00	-17.00	0.00032
-20.00	-20.00	0.00032	-20.00	-25.00	0.00033
-20.00	-30.00	0.00034	-20.00	-40.00	0.00036
-20.00	-50.00	0.00038	-20.00	-60.00	0.00039
-20.00	-70.00	0.00040	-20.00	-80.00	0.00040
-20.00	-90.00	0.00039	-20.00	-100.00	0.00038

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00012	-10.00	90.00	0.00014
-10.00	80.00	0.00015	-10.00	70.00	0.00017
-10.00	60.00	0.00020	-10.00	50.00	0.00022
-10.00	40.00	0.00024	-10.00	30.00	0.00026
-10.00	25.00	0.00027	-10.00	20.00	0.00028
-10.00	17.00	0.00029	-10.00	15.00	0.00029
-10.00	13.00	0.00030	-10.00	11.00	0.00030

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-10.00	9.00	0.00030	-10.00	-9.00	0.00034
-10.00	-11.00	0.00034	-10.00	-13.00	0.00034
-10.00	-15.00	0.00035	-10.00	-17.00	0.00035
-10.00	-20.00	0.00036	-10.00	-25.00	0.00037
-10.00	-30.00	0.00038	-10.00	-40.00	0.00040
-10.00	-50.00	0.00042	-10.00	-60.00	0.00043
-10.00	-70.00	0.00044	-10.00	-80.00	0.00043
-10.00	-90.00	0.00043	-10.00	-100.00	0.00042
0.00	100.00	0.00013	0.00	90.00	0.00014
0.00	80.00	0.00016	0.00	70.00	0.00018
0.00	60.00	0.00021	0.00	50.00	0.00024
0.00	40.00	0.00026	0.00	30.00	0.00028
0.00	25.00	0.00030	0.00	20.00	0.00031
0.00	17.00	0.00031	0.00	15.00	0.00032
0.00	13.00	0.00032	0.00	11.00	0.00033
0.00	9.00	0.00033	0.00	-9.00	0.00037
0.00	-11.00	0.00038	0.00	-13.00	0.00038
0.00	-15.00	0.00039	0.00	-17.00	0.00039
0.00	-20.00	0.00040	0.00	-25.00	0.00041
0.00	-30.00	0.00042	0.00	-40.00	0.00045
0.00	-50.00	0.00047	0.00	-60.00	0.00048
0.00	-70.00	0.00048	0.00	-80.00	0.00047
0.00	-90.00	0.00047	0.00	-100.00	0.00046
10.00	100.00	0.00013	10.00	90.00	0.00015
10.00	80.00	0.00017	10.00	70.00	0.00019
10.00	60.00	0.00022	10.00	50.00	0.00025
10.00	40.00	0.00028	10.00	30.00	0.00031
10.00	25.00	0.00033	10.00	20.00	0.00034
10.00	17.00	0.00035	10.00	15.00	0.00035
10.00	13.00	0.00036	10.00	11.00	0.00036
10.00	9.00	0.00037	10.00	-9.00	0.00042
10.00	-11.00	0.00042	10.00	-13.00	0.00043
10.00	-15.00	0.00043	10.00	-17.00	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
 PAGE 33
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00044	10.00	-25.00	0.00046

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

10.00	-30.00	0.00047	10.00	-40.00	0.00050
10.00	-50.00	0.00052	10.00	-60.00	0.00053
10.00	-70.00	0.00053	10.00	-80.00	0.00052
10.00	-90.00	0.00051	10.00	-100.00	0.00050
20.00	100.00	0.00014	20.00	90.00	0.00016
20.00	80.00	0.00018	20.00	70.00	0.00020
20.00	60.00	0.00023	20.00	50.00	0.00027
20.00	40.00	0.00031	20.00	30.00	0.00034
20.00	25.00	0.00036	20.00	20.00	0.00037
20.00	17.00	0.00038	20.00	15.00	0.00039
20.00	13.00	0.00040	20.00	11.00	0.00040
20.00	9.00	0.00041	20.00	-9.00	0.00047
20.00	-11.00	0.00047	20.00	-13.00	0.00048
20.00	-15.00	0.00049	20.00	-17.00	0.00049
20.00	-20.00	0.00050	20.00	-25.00	0.00052
20.00	-30.00	0.00054	20.00	-40.00	0.00057
20.00	-50.00	0.00059	20.00	-60.00	0.00060
20.00	-70.00	0.00059	20.00	-80.00	0.00058
20.00	-90.00	0.00056	20.00	-100.00	0.00055
30.00	100.00	0.00015	30.00	90.00	0.00016
30.00	80.00	0.00018	30.00	70.00	0.00021
30.00	60.00	0.00025	30.00	50.00	0.00029
30.00	40.00	0.00033	30.00	30.00	0.00038
30.00	25.00	0.00040	30.00	20.00	0.00042
30.00	17.00	0.00043	30.00	15.00	0.00044
30.00	13.00	0.00044	30.00	11.00	0.00045
30.00	9.00	0.00046	30.00	-9.00	0.00053
30.00	-11.00	0.00054	30.00	-13.00	0.00054
30.00	-15.00	0.00055	30.00	-17.00	0.00056
30.00	-20.00	0.00057	30.00	-25.00	0.00059
30.00	-30.00	0.00061	30.00	-40.00	0.00065
30.00	-50.00	0.00067	30.00	-60.00	0.00067
30.00	-70.00	0.00066	30.00	-80.00	0.00064
30.00	-90.00	0.00062	30.00	-100.00	0.00060
40.00	100.00	0.00016	40.00	90.00	0.00017
40.00	80.00	0.00020	40.00	70.00	0.00022
40.00	60.00	0.00026	40.00	50.00	0.00031
40.00	40.00	0.00036	40.00	30.00	0.00042
40.00	25.00	0.00044	40.00	20.00	0.00046

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:14:39

**MODELOPTs:

PAGE 34

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00048	40.00	15.00	0.00049
40.00	13.00	0.00050	40.00	11.00	0.00051
40.00	9.00	0.00052	40.00	-9.00	0.00060
40.00	-11.00	0.00061	40.00	-13.00	0.00062
40.00	-15.00	0.00063	40.00	-17.00	0.00064
40.00	-20.00	0.00065	40.00	-25.00	0.00068
40.00	-30.00	0.00071	40.00	-40.00	0.00075
40.00	-50.00	0.00076	40.00	-60.00	0.00075
40.00	-70.00	0.00074	40.00	-80.00	0.00072
40.00	-90.00	0.00069	40.00	-100.00	0.00067
50.00	100.00	0.00017	50.00	90.00	0.00019
50.00	80.00	0.00021	50.00	70.00	0.00024
50.00	60.00	0.00027	50.00	50.00	0.00033
50.00	40.00	0.00039	50.00	30.00	0.00046
50.00	25.00	0.00049	50.00	20.00	0.00052
50.00	17.00	0.00054	50.00	15.00	0.00055
50.00	13.00	0.00056	50.00	11.00	0.00058
50.00	9.00	0.00059	50.00	-9.00	0.00069
50.00	-11.00	0.00070	50.00	-13.00	0.00072
50.00	-15.00	0.00073	50.00	-17.00	0.00074
50.00	-20.00	0.00076	50.00	-25.00	0.00079
50.00	-30.00	0.00082	50.00	-40.00	0.00086
50.00	-50.00	0.00087	50.00	-60.00	0.00085
50.00	-70.00	0.00083	50.00	-80.00	0.00080
50.00	-90.00	0.00077	50.00	-100.00	0.00073
60.00	100.00	0.00019	60.00	90.00	0.00020
60.00	80.00	0.00022	60.00	70.00	0.00025
60.00	60.00	0.00029	60.00	50.00	0.00035
60.00	40.00	0.00042	60.00	30.00	0.00050
60.00	25.00	0.00055	60.00	20.00	0.00059
60.00	17.00	0.00061	60.00	15.00	0.00062
60.00	13.00	0.00064	60.00	11.00	0.00066
60.00	9.00	0.00067	60.00	-9.00	0.00080
60.00	-11.00	0.00082	60.00	-13.00	0.00083
60.00	-15.00	0.00085	60.00	-17.00	0.00087
60.00	-20.00	0.00089	60.00	-25.00	0.00093
60.00	-30.00	0.00097	60.00	-40.00	0.00100
60.00	-50.00	0.00100	60.00	-60.00	0.00097
60.00	-70.00	0.00094	60.00	-80.00	0.00090

60.00 -90.00 0.00085 60.00 -100.00 0.00080

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:
 PAGE 35

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00021	70.00	90.00	0.00022
70.00	80.00	0.00024	70.00	70.00	0.00027
70.00	60.00	0.00031	70.00	50.00	0.00037
70.00	40.00	0.00045	70.00	30.00	0.00055
70.00	25.00	0.00061	70.00	20.00	0.00066
70.00	17.00	0.00069	70.00	15.00	0.00071
70.00	13.00	0.00073	70.00	11.00	0.00075
70.00	9.00	0.00077	70.00	-9.00	0.00095
70.00	-11.00	0.00097	70.00	-13.00	0.00099
70.00	-15.00	0.00101	70.00	-17.00	0.00103
70.00	-20.00	0.00106	70.00	-25.00	0.00111
70.00	-30.00	0.00114	70.00	-40.00	0.00117
70.00	-50.00	0.00115	70.00	-60.00	0.00112
70.00	-70.00	0.00107	70.00	-80.00	0.00101
70.00	-90.00	0.00095	70.00	-100.00	0.00088
80.00	100.00	0.00025	80.00	90.00	0.00026
80.00	80.00	0.00028	80.00	70.00	0.00030
80.00	60.00	0.00034	80.00	50.00	0.00040
80.00	40.00	0.00049	80.00	30.00	0.00061
80.00	25.00	0.00068	80.00	20.00	0.00075
80.00	17.00	0.00079	80.00	15.00	0.00082
80.00	13.00	0.00084	80.00	11.00	0.00087
80.00	9.00	0.00089	80.00	-9.00	0.00113
80.00	-11.00	0.00115	80.00	-13.00	0.00118
80.00	-15.00	0.00121	80.00	-17.00	0.00124
80.00	-20.00	0.00128	80.00	-25.00	0.00133
80.00	-30.00	0.00136	80.00	-40.00	0.00137
80.00	-50.00	0.00134	80.00	-60.00	0.00128
80.00	-70.00	0.00121	80.00	-80.00	0.00113
80.00	-90.00	0.00104	80.00	-100.00	0.00096
90.00	100.00	0.00031	90.00	90.00	0.00032
90.00	80.00	0.00033	90.00	70.00	0.00035
90.00	60.00	0.00038	90.00	50.00	0.00043

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

90.00	40.00	0.00053	90.00	30.00	0.00066
90.00	25.00	0.00074	90.00	20.00	0.00084
90.00	17.00	0.00090	90.00	15.00	0.00093
90.00	13.00	0.00097	90.00	11.00	0.00101
90.00	9.00	0.00104	90.00	-9.00	0.00136
90.00	-11.00	0.00140	90.00	-13.00	0.00144
90.00	-15.00	0.00148	90.00	-17.00	0.00152

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00156	90.00	-25.00	0.00161
90.00	-30.00	0.00163	90.00	-40.00	0.00163
90.00	-50.00	0.00156	90.00	-60.00	0.00147
90.00	-70.00	0.00136	90.00	-80.00	0.00125
90.00	-90.00	0.00114	90.00	-100.00	0.00104
100.00	100.00	0.00040	100.00	90.00	0.00040
100.00	80.00	0.00041	100.00	70.00	0.00043
100.00	60.00	0.00045	100.00	50.00	0.00049
100.00	40.00	0.00057	100.00	30.00	0.00072
100.00	25.00	0.00081	100.00	20.00	0.00093
100.00	17.00	0.00101	100.00	15.00	0.00106
100.00	13.00	0.00111	100.00	11.00	0.00117
100.00	9.00	0.00122	100.00	-9.00	0.00168
100.00	-11.00	0.00173	100.00	-13.00	0.00178
100.00	-15.00	0.00183	100.00	-17.00	0.00187
100.00	-20.00	0.00192	100.00	-25.00	0.00196
100.00	-30.00	0.00198	100.00	-40.00	0.00193
100.00	-50.00	0.00182	100.00	-60.00	0.00167
100.00	-70.00	0.00152	100.00	-80.00	0.00138
100.00	-90.00	0.00124	100.00	-100.00	0.00112
110.00	100.00	0.00052	110.00	90.00	0.00054
110.00	80.00	0.00055	110.00	70.00	0.00057
110.00	60.00	0.00059	110.00	50.00	0.00061
110.00	40.00	0.00067	110.00	30.00	0.00079
110.00	25.00	0.00089	110.00	20.00	0.00102
110.00	17.00	0.00112	110.00	15.00	0.00119
110.00	13.00	0.00126	110.00	11.00	0.00133

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

110.00	9.00	0.00141	110.00	-9.00	0.00210
110.00	-11.00	0.00217	110.00	-13.00	0.00224
110.00	-15.00	0.00229	110.00	-17.00	0.00233
110.00	-20.00	0.00237	110.00	-25.00	0.00241
110.00	-30.00	0.00240	110.00	-40.00	0.00228
110.00	-50.00	0.00209	110.00	-60.00	0.00189
110.00	-70.00	0.00170	110.00	-80.00	0.00152
110.00	-90.00	0.00135	110.00	-100.00	0.00121
120.00	100.00	0.00067	120.00	90.00	0.00072
120.00	80.00	0.00076	120.00	70.00	0.00080
120.00	60.00	0.00084	120.00	50.00	0.00088
120.00	40.00	0.00091	120.00	30.00	0.00097
120.00	25.00	0.00104	120.00	20.00	0.00115

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00124	120.00	15.00	0.00132
120.00	13.00	0.00141	120.00	11.00	0.00150
120.00	9.00	0.00161	120.00	-9.00	0.00270
120.00	-11.00	0.00279	120.00	-13.00	0.00285
120.00	-15.00	0.00290	120.00	-17.00	0.00293
120.00	-20.00	0.00296	120.00	-25.00	0.00294
120.00	-30.00	0.00287	120.00	-40.00	0.00265
120.00	-50.00	0.00239	120.00	-60.00	0.00213
120.00	-70.00	0.00188	120.00	-80.00	0.00165
120.00	-90.00	0.00145	120.00	-100.00	0.00128
130.00	100.00	0.00086	130.00	90.00	0.00094
130.00	80.00	0.00102	130.00	70.00	0.00112
130.00	60.00	0.00123	130.00	50.00	0.00135
130.00	40.00	0.00147	130.00	30.00	0.00158
130.00	25.00	0.00164	130.00	20.00	0.00168
130.00	17.00	0.00171	130.00	15.00	0.00173
130.00	13.00	0.00177	130.00	11.00	0.00183
130.00	9.00	0.00192	130.00	-9.00	0.00368
130.00	-11.00	0.00371	130.00	-13.00	0.00372
130.00	-15.00	0.00371	130.00	-17.00	0.00370
130.00	-20.00	0.00366	130.00	-25.00	0.00355

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

130.00	-30.00	0.00340	130.00	-40.00	0.00305
130.00	-50.00	0.00268	130.00	-60.00	0.00233
130.00	-70.00	0.00202	130.00	-80.00	0.00175
130.00	-90.00	0.00152	130.00	-100.00	0.00133
140.00	100.00	0.00106	140.00	90.00	0.00118
140.00	80.00	0.00131	140.00	70.00	0.00148
140.00	60.00	0.00168	140.00	50.00	0.00193
140.00	40.00	0.00224	140.00	30.00	0.00263
140.00	25.00	0.00287	140.00	20.00	0.00314
140.00	17.00	0.00332	140.00	15.00	0.00346
140.00	13.00	0.00361	140.00	11.00	0.00379
140.00	9.00	0.00403	140.00	-9.00	0.00478
140.00	-11.00	0.00465	140.00	-13.00	0.00454
140.00	-15.00	0.00445	140.00	-17.00	0.00436
140.00	-20.00	0.00423	140.00	-25.00	0.00401
140.00	-30.00	0.00377	140.00	-40.00	0.00330
140.00	-50.00	0.00285	140.00	-60.00	0.00245
140.00	-70.00	0.00210	140.00	-80.00	0.00180
140.00	-90.00	0.00155	140.00	-100.00	0.00134

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00124	150.00	90.00	0.00140
150.00	80.00	0.00159	150.00	70.00	0.00182
150.00	60.00	0.00211	150.00	50.00	0.00246
150.00	40.00	0.00291	150.00	30.00	0.00348
150.00	25.00	0.00381	150.00	20.00	0.00418
150.00	17.00	0.00442	150.00	15.00	0.00458
150.00	13.00	0.00474	150.00	11.00	0.00490
150.00	9.00	0.00509	150.00	-9.00	0.00502
150.00	-11.00	0.00489	150.00	-13.00	0.00479
150.00	-15.00	0.00470	150.00	-17.00	0.00461
150.00	-20.00	0.00447	150.00	-25.00	0.00422
150.00	-30.00	0.00395	150.00	-40.00	0.00341
150.00	-50.00	0.00292	150.00	-60.00	0.00248
150.00	-70.00	0.00211	150.00	-80.00	0.00180
150.00	-90.00	0.00154	150.00	-100.00	0.00133

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

160.00	100.00	0.00141	160.00	90.00	0.00160
160.00	80.00	0.00183	160.00	70.00	0.00212
160.00	60.00	0.00246	160.00	50.00	0.00288
160.00	40.00	0.00339	160.00	30.00	0.00401
160.00	25.00	0.00437	160.00	20.00	0.00474
160.00	17.00	0.00496	160.00	15.00	0.00510
160.00	13.00	0.00523	160.00	11.00	0.00536
160.00	9.00	0.00550	160.00	-9.00	0.00507
160.00	-11.00	0.00492	160.00	-13.00	0.00481
160.00	-15.00	0.00471	160.00	-17.00	0.00461
160.00	-20.00	0.00447	160.00	-25.00	0.00423
160.00	-30.00	0.00397	160.00	-40.00	0.00343
160.00	-50.00	0.00291	160.00	-60.00	0.00245
160.00	-70.00	0.00207	160.00	-80.00	0.00175
160.00	-90.00	0.00150	160.00	-100.00	0.00129
170.00	100.00	0.00154	170.00	90.00	0.00176
170.00	80.00	0.00203	170.00	70.00	0.00234
170.00	60.00	0.00272	170.00	50.00	0.00317
170.00	40.00	0.00371	170.00	30.00	0.00434
170.00	25.00	0.00468	170.00	20.00	0.00502
170.00	17.00	0.00521	170.00	15.00	0.00533
170.00	13.00	0.00544	170.00	11.00	0.00555
170.00	9.00	0.00566	170.00	-9.00	0.00501
170.00	-11.00	0.00486	170.00	-13.00	0.00473
170.00	-15.00	0.00461	170.00	-17.00	0.00450

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00434	170.00	-25.00	0.00409
170.00	-30.00	0.00383	170.00	-40.00	0.00332
170.00	-50.00	0.00282	170.00	-60.00	0.00237
170.00	-70.00	0.00199	170.00	-80.00	0.00168
170.00	-90.00	0.00144	170.00	-100.00	0.00124
180.00	100.00	0.00163	180.00	90.00	0.00187
180.00	80.00	0.00215	180.00	70.00	0.00249
180.00	60.00	0.00290	180.00	50.00	0.00337
180.00	40.00	0.00392	180.00	30.00	0.00453

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

180.00	25.00	0.00485	180.00	20.00	0.00516
180.00	17.00	0.00532	180.00	15.00	0.00542
180.00	13.00	0.00551	180.00	11.00	0.00559
180.00	9.00	0.00568	180.00	-9.00	0.00486
180.00	-11.00	0.00469	180.00	-13.00	0.00454
180.00	-15.00	0.00441	180.00	-17.00	0.00429
180.00	-20.00	0.00412	180.00	-25.00	0.00385
180.00	-30.00	0.00360	180.00	-40.00	0.00310
180.00	-50.00	0.00263	180.00	-60.00	0.00222
180.00	-70.00	0.00187	180.00	-80.00	0.00159
180.00	-90.00	0.00135	180.00	-100.00	0.00116
190.00	100.00	0.00166	190.00	90.00	0.00191
190.00	80.00	0.00221	190.00	70.00	0.00257
190.00	60.00	0.00299	190.00	50.00	0.00349
190.00	40.00	0.00404	190.00	30.00	0.00464
190.00	25.00	0.00494	190.00	20.00	0.00520
190.00	17.00	0.00534	190.00	15.00	0.00542
190.00	13.00	0.00549	190.00	11.00	0.00554
190.00	9.00	0.00561	190.00	-9.00	0.00459
190.00	-11.00	0.00439	190.00	-13.00	0.00423
190.00	-15.00	0.00409	190.00	-17.00	0.00397
190.00	-20.00	0.00379	190.00	-25.00	0.00351
190.00	-30.00	0.00326	190.00	-40.00	0.00278
190.00	-50.00	0.00237	190.00	-60.00	0.00201
190.00	-70.00	0.00171	190.00	-80.00	0.00146
190.00	-90.00	0.00125	190.00	-100.00	0.00107
200.00	100.00	0.00164	200.00	90.00	0.00188
200.00	80.00	0.00218	200.00	70.00	0.00255
200.00	60.00	0.00298	200.00	50.00	0.00349
200.00	40.00	0.00406	200.00	30.00	0.00467
200.00	25.00	0.00495	200.00	20.00	0.00519

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00531	200.00	15.00	0.00536
200.00	13.00	0.00540	200.00	11.00	0.00543
200.00	9.00	0.00546	200.00	-9.00	0.00417

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

200.00	-11.00	0.00395	200.00	-13.00	0.00378
200.00	-15.00	0.00364	200.00	-17.00	0.00351
200.00	-20.00	0.00333	200.00	-25.00	0.00306
200.00	-30.00	0.00281	200.00	-40.00	0.00240
200.00	-50.00	0.00205	200.00	-60.00	0.00176
200.00	-70.00	0.00150	200.00	-80.00	0.00129
200.00	-90.00	0.00111	200.00	-100.00	0.00096
210.00	100.00	0.00156	210.00	90.00	0.00179
210.00	80.00	0.00207	210.00	70.00	0.00241
210.00	60.00	0.00282	210.00	50.00	0.00331
210.00	40.00	0.00390	210.00	30.00	0.00454
210.00	25.00	0.00485	210.00	20.00	0.00511
210.00	17.00	0.00522	210.00	15.00	0.00526
210.00	13.00	0.00528	210.00	11.00	0.00528
210.00	9.00	0.00528	210.00	-9.00	0.00355
210.00	-11.00	0.00332	210.00	-13.00	0.00314
210.00	-15.00	0.00300	210.00	-17.00	0.00287
210.00	-20.00	0.00271	210.00	-25.00	0.00248
210.00	-30.00	0.00229	210.00	-40.00	0.00196
210.00	-50.00	0.00168	210.00	-60.00	0.00145
210.00	-70.00	0.00126	210.00	-80.00	0.00109
210.00	-90.00	0.00095	210.00	-100.00	0.00084
220.00	100.00	0.00144	220.00	90.00	0.00164
220.00	80.00	0.00188	220.00	70.00	0.00216
220.00	60.00	0.00249	220.00	50.00	0.00290
220.00	40.00	0.00339	220.00	30.00	0.00396
220.00	25.00	0.00428	220.00	20.00	0.00459
220.00	17.00	0.00475	220.00	15.00	0.00484
220.00	13.00	0.00491	220.00	11.00	0.00495
220.00	9.00	0.00497	220.00	-9.00	0.00253
220.00	-11.00	0.00235	220.00	-13.00	0.00222
220.00	-15.00	0.00212	220.00	-17.00	0.00204
220.00	-20.00	0.00194	220.00	-25.00	0.00180
220.00	-30.00	0.00168	220.00	-40.00	0.00147
220.00	-50.00	0.00130	220.00	-60.00	0.00115
220.00	-70.00	0.00102	220.00	-80.00	0.00091
220.00	-90.00	0.00081	220.00	-100.00	0.00072

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

07NCRA_NAPA95-300 DPM TRAV ANN E-W Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
230.00	100.00	0.00129	230.00	90.00	0.00145	
230.00	80.00	0.00163	230.00	70.00	0.00184	
230.00	60.00	0.00208	230.00	50.00	0.00235	
230.00	40.00	0.00264	230.00	30.00	0.00292	
230.00	25.00	0.00304	230.00	20.00	0.00311	
230.00	17.00	0.00311	230.00	15.00	0.00308	
230.00	13.00	0.00303	230.00	11.00	0.00294	
230.00	9.00	0.00281	230.00	-9.00	0.00134	
230.00	-11.00	0.00133	230.00	-13.00	0.00131	
230.00	-15.00	0.00130	230.00	-17.00	0.00129	
230.00	-20.00	0.00127	230.00	-25.00	0.00123	
230.00	-30.00	0.00119	230.00	-40.00	0.00110	
230.00	-50.00	0.00100	230.00	-60.00	0.00091	
230.00	-70.00	0.00083	230.00	-80.00	0.00076	
230.00	-90.00	0.00069	230.00	-100.00	0.00062	
240.00	100.00	0.00114	240.00	90.00	0.00126	
240.00	80.00	0.00139	240.00	70.00	0.00153	
240.00	60.00	0.00169	240.00	50.00	0.00184	
240.00	40.00	0.00198	240.00	30.00	0.00206	
240.00	25.00	0.00206	240.00	20.00	0.00202	
240.00	17.00	0.00196	240.00	15.00	0.00191	
240.00	13.00	0.00184	240.00	11.00	0.00176	
240.00	9.00	0.00167	240.00	-9.00	0.00098	
240.00	-11.00	0.00096	240.00	-13.00	0.00094	
240.00	-15.00	0.00092	240.00	-17.00	0.00090	
240.00	-20.00	0.00089	240.00	-25.00	0.00088	
240.00	-30.00	0.00086	240.00	-40.00	0.00083	
240.00	-50.00	0.00079	240.00	-60.00	0.00073	
240.00	-70.00	0.00068	240.00	-80.00	0.00063	
240.00	-90.00	0.00058	240.00	-100.00	0.00054	
250.00	100.00	0.00099	250.00	90.00	0.00108	
250.00	80.00	0.00117	250.00	70.00	0.00126	
250.00	60.00	0.00135	250.00	50.00	0.00143	
250.00	40.00	0.00149	250.00	30.00	0.00149	
250.00	25.00	0.00146	250.00	20.00	0.00140	
250.00	17.00	0.00135	250.00	15.00	0.00131	
250.00	13.00	0.00126	250.00	11.00	0.00121	
250.00	9.00	0.00115	250.00	-9.00	0.00078	
250.00	-11.00	0.00077	250.00	-13.00	0.00075	
250.00	-15.00	0.00074	250.00	-17.00	0.00072	

04/20/08

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

*** Maximum train overlap at East/West Bound Direction

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00070	250.00	-25.00	0.00067
250.00	-30.00	0.00065	250.00	-40.00	0.00063
250.00	-50.00	0.00061	250.00	-60.00	0.00058
250.00	-70.00	0.00056	250.00	-80.00	0.00053
250.00	-90.00	0.00050	250.00	-100.00	0.00047

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00007	-250.00	90.00	0.00008
-250.00	80.00	0.00008	-250.00	70.00	0.00008
-250.00	60.00	0.00009	-250.00	50.00	0.00009
-250.00	40.00	0.00009	-250.00	30.00	0.00010
-250.00	25.00	0.00010	-250.00	20.00	0.00010
-250.00	17.00	0.00010	-250.00	15.00	0.00010
-250.00	13.00	0.00011	-250.00	11.00	0.00011
-250.00	9.00	0.00011	-250.00	-9.00	0.00011
-250.00	-11.00	0.00011	-250.00	-13.00	0.00011
-250.00	-15.00	0.00011	-250.00	-17.00	0.00012
-250.00	-20.00	0.00012	-250.00	-25.00	0.00012
-250.00	-30.00	0.00012	-250.00	-40.00	0.00012
-250.00	-50.00	0.00013	-250.00	-60.00	0.00013
-250.00	-70.00	0.00013	-250.00	-80.00	0.00014
-250.00	-90.00	0.00014	-250.00	-100.00	0.00015
-240.00	100.00	0.00008	-240.00	90.00	0.00008
-240.00	80.00	0.00008	-240.00	70.00	0.00009
-240.00	60.00	0.00009	-240.00	50.00	0.00010
-240.00	40.00	0.00010	-240.00	30.00	0.00010
-240.00	25.00	0.00011	-240.00	20.00	0.00011

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-240.00	17.00	0.00011	-240.00	15.00	0.00011
-240.00	13.00	0.00011	-240.00	11.00	0.00011
-240.00	9.00	0.00011	-240.00	-9.00	0.00012
-240.00	-11.00	0.00012	-240.00	-13.00	0.00012
-240.00	-15.00	0.00012	-240.00	-17.00	0.00012
-240.00	-20.00	0.00012	-240.00	-25.00	0.00012
-240.00	-30.00	0.00013	-240.00	-40.00	0.00013
-240.00	-50.00	0.00013	-240.00	-60.00	0.00014
-240.00	-70.00	0.00014	-240.00	-80.00	0.00015
-240.00	-90.00	0.00015	-240.00	-100.00	0.00016
-230.00	100.00	0.00008	-230.00	90.00	0.00008
-230.00	80.00	0.00009	-230.00	70.00	0.00009
-230.00	60.00	0.00010	-230.00	50.00	0.00010
-230.00	40.00	0.00010	-230.00	30.00	0.00011
-230.00	25.00	0.00011	-230.00	20.00	0.00011
-230.00	17.00	0.00012	-230.00	15.00	0.00012
-230.00	13.00	0.00012	-230.00	11.00	0.00012
-230.00	9.00	0.00012	-230.00	-9.00	0.00013
-230.00	-11.00	0.00013	-230.00	-13.00	0.00013
-230.00	-15.00	0.00013	-230.00	-17.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00013	-230.00	-25.00	0.00013
-230.00	-30.00	0.00013	-230.00	-40.00	0.00014
-230.00	-50.00	0.00014	-230.00	-60.00	0.00015
-230.00	-70.00	0.00015	-230.00	-80.00	0.00016
-230.00	-90.00	0.00016	-230.00	-100.00	0.00017
-220.00	100.00	0.00008	-220.00	90.00	0.00009
-220.00	80.00	0.00009	-220.00	70.00	0.00010
-220.00	60.00	0.00010	-220.00	50.00	0.00011
-220.00	40.00	0.00011	-220.00	30.00	0.00012
-220.00	25.00	0.00012	-220.00	20.00	0.00012
-220.00	17.00	0.00012	-220.00	15.00	0.00012
-220.00	13.00	0.00012	-220.00	11.00	0.00013
-220.00	9.00	0.00013	-220.00	-9.00	0.00013
-220.00	-11.00	0.00014	-220.00	-13.00	0.00014

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-220.00	-15.00	0.00014	-220.00	-17.00	0.00014
-220.00	-20.00	0.00014	-220.00	-25.00	0.00014
-220.00	-30.00	0.00014	-220.00	-40.00	0.00015
-220.00	-50.00	0.00015	-220.00	-60.00	0.00016
-220.00	-70.00	0.00016	-220.00	-80.00	0.00017
-220.00	-90.00	0.00017	-220.00	-100.00	0.00018
-210.00	100.00	0.00008	-210.00	90.00	0.00009
-210.00	80.00	0.00010	-210.00	70.00	0.00010
-210.00	60.00	0.00011	-210.00	50.00	0.00011
-210.00	40.00	0.00012	-210.00	30.00	0.00012
-210.00	25.00	0.00012	-210.00	20.00	0.00013
-210.00	17.00	0.00013	-210.00	15.00	0.00013
-210.00	13.00	0.00013	-210.00	11.00	0.00013
-210.00	9.00	0.00013	-210.00	-9.00	0.00014
-210.00	-11.00	0.00014	-210.00	-13.00	0.00014
-210.00	-15.00	0.00015	-210.00	-17.00	0.00015
-210.00	-20.00	0.00015	-210.00	-25.00	0.00015
-210.00	-30.00	0.00015	-210.00	-40.00	0.00016
-210.00	-50.00	0.00016	-210.00	-60.00	0.00017
-210.00	-70.00	0.00017	-210.00	-80.00	0.00018
-210.00	-90.00	0.00018	-210.00	-100.00	0.00019
-200.00	100.00	0.00009	-200.00	90.00	0.00009
-200.00	80.00	0.00010	-200.00	70.00	0.00011
-200.00	60.00	0.00011	-200.00	50.00	0.00012
-200.00	40.00	0.00012	-200.00	30.00	0.00013
-200.00	25.00	0.00013	-200.00	20.00	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39
**MODELOPTS:
PAGE 45

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00014	-200.00	15.00	0.00014
-200.00	13.00	0.00014	-200.00	11.00	0.00014
-200.00	9.00	0.00014	-200.00	-9.00	0.00015
-200.00	-11.00	0.00015	-200.00	-13.00	0.00015
-200.00	-15.00	0.00016	-200.00	-17.00	0.00016
-200.00	-20.00	0.00016	-200.00	-25.00	0.00016
-200.00	-30.00	0.00016	-200.00	-40.00	0.00017
-200.00	-50.00	0.00017	-200.00	-60.00	0.00018

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-200.00	-70.00	0.00019	-200.00	-80.00	0.00019
-200.00	-90.00	0.00020	-200.00	-100.00	0.00020
-190.00	100.00	0.00009	-190.00	90.00	0.00010
-190.00	80.00	0.00010	-190.00	70.00	0.00011
-190.00	60.00	0.00012	-190.00	50.00	0.00012
-190.00	40.00	0.00013	-190.00	30.00	0.00014
-190.00	25.00	0.00014	-190.00	20.00	0.00014
-190.00	17.00	0.00015	-190.00	15.00	0.00015
-190.00	13.00	0.00015	-190.00	11.00	0.00015
-190.00	9.00	0.00015	-190.00	-9.00	0.00016
-190.00	-11.00	0.00016	-190.00	-13.00	0.00016
-190.00	-15.00	0.00017	-190.00	-17.00	0.00017
-190.00	-20.00	0.00017	-190.00	-25.00	0.00017
-190.00	-30.00	0.00017	-190.00	-40.00	0.00018
-190.00	-50.00	0.00019	-190.00	-60.00	0.00019
-190.00	-70.00	0.00020	-190.00	-80.00	0.00021
-190.00	-90.00	0.00021	-190.00	-100.00	0.00021
-180.00	100.00	0.00009	-180.00	90.00	0.00010
-180.00	80.00	0.00011	-180.00	70.00	0.00012
-180.00	60.00	0.00013	-180.00	50.00	0.00013
-180.00	40.00	0.00014	-180.00	30.00	0.00015
-180.00	25.00	0.00015	-180.00	20.00	0.00015
-180.00	17.00	0.00016	-180.00	15.00	0.00016
-180.00	13.00	0.00016	-180.00	11.00	0.00016
-180.00	9.00	0.00016	-180.00	-9.00	0.00017
-180.00	-11.00	0.00018	-180.00	-13.00	0.00018
-180.00	-15.00	0.00018	-180.00	-17.00	0.00018
-180.00	-20.00	0.00018	-180.00	-25.00	0.00018
-180.00	-30.00	0.00019	-180.00	-40.00	0.00019
-180.00	-50.00	0.00020	-180.00	-60.00	0.00021
-180.00	-70.00	0.00022	-180.00	-80.00	0.00022
-180.00	-90.00	0.00023	-180.00	-100.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTS:
 PAGE 46

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00010	-170.00	90.00	0.00010
-170.00	80.00	0.00011	-170.00	70.00	0.00012

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-170.00	60.00	0.00013	-170.00	50.00	0.00014
-170.00	40.00	0.00015	-170.00	30.00	0.00016
-170.00	25.00	0.00016	-170.00	20.00	0.00016
-170.00	17.00	0.00017	-170.00	15.00	0.00017
-170.00	13.00	0.00017	-170.00	11.00	0.00017
-170.00	9.00	0.00017	-170.00	-9.00	0.00019
-170.00	-11.00	0.00019	-170.00	-13.00	0.00019
-170.00	-15.00	0.00019	-170.00	-17.00	0.00019
-170.00	-20.00	0.00019	-170.00	-25.00	0.00020
-170.00	-30.00	0.00020	-170.00	-40.00	0.00021
-170.00	-50.00	0.00022	-170.00	-60.00	0.00023
-170.00	-70.00	0.00023	-170.00	-80.00	0.00024
-170.00	-90.00	0.00024	-170.00	-100.00	0.00025
-160.00	100.00	0.00010	-160.00	90.00	0.00011
-160.00	80.00	0.00012	-160.00	70.00	0.00013
-160.00	60.00	0.00014	-160.00	50.00	0.00015
-160.00	40.00	0.00016	-160.00	30.00	0.00017
-160.00	25.00	0.00017	-160.00	20.00	0.00018
-160.00	17.00	0.00018	-160.00	15.00	0.00018
-160.00	13.00	0.00018	-160.00	11.00	0.00018
-160.00	9.00	0.00019	-160.00	-9.00	0.00020
-160.00	-11.00	0.00020	-160.00	-13.00	0.00020
-160.00	-15.00	0.00021	-160.00	-17.00	0.00021
-160.00	-20.00	0.00021	-160.00	-25.00	0.00021
-160.00	-30.00	0.00022	-160.00	-40.00	0.00023
-160.00	-50.00	0.00024	-160.00	-60.00	0.00025
-160.00	-70.00	0.00025	-160.00	-80.00	0.00026
-160.00	-90.00	0.00026	-160.00	-100.00	0.00026
-150.00	100.00	0.00010	-150.00	90.00	0.00011
-150.00	80.00	0.00012	-150.00	70.00	0.00014
-150.00	60.00	0.00015	-150.00	50.00	0.00016
-150.00	40.00	0.00017	-150.00	30.00	0.00018
-150.00	25.00	0.00018	-150.00	20.00	0.00019
-150.00	17.00	0.00019	-150.00	15.00	0.00019
-150.00	13.00	0.00020	-150.00	11.00	0.00020
-150.00	9.00	0.00020	-150.00	-9.00	0.00022
-150.00	-11.00	0.00022	-150.00	-13.00	0.00022
-150.00	-15.00	0.00022	-150.00	-17.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTS:
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***

07NCRA NAPA95-300_DPM_TRAV ANN E-W Bound
 INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00023	-150.00	-25.00	0.00023
-150.00	-30.00	0.00024	-150.00	-40.00	0.00025
-150.00	-50.00	0.00026	-150.00	-60.00	0.00027
-150.00	-70.00	0.00028	-150.00	-80.00	0.00028
-150.00	-90.00	0.00028	-150.00	-100.00	0.00028
-140.00	100.00	0.00010	-140.00	90.00	0.00012
-140.00	80.00	0.00013	-140.00	70.00	0.00014
-140.00	60.00	0.00016	-140.00	50.00	0.00017
-140.00	40.00	0.00018	-140.00	30.00	0.00019
-140.00	25.00	0.00020	-140.00	20.00	0.00020
-140.00	17.00	0.00021	-140.00	15.00	0.00021
-140.00	13.00	0.00021	-140.00	11.00	0.00021
-140.00	9.00	0.00022	-140.00	-9.00	0.00024
-140.00	-11.00	0.00024	-140.00	-13.00	0.00024
-140.00	-15.00	0.00024	-140.00	-17.00	0.00024
-140.00	-20.00	0.00025	-140.00	-25.00	0.00025
-140.00	-30.00	0.00026	-140.00	-40.00	0.00027
-140.00	-50.00	0.00028	-140.00	-60.00	0.00029
-140.00	-70.00	0.00030	-140.00	-80.00	0.00031
-140.00	-90.00	0.00031	-140.00	-100.00	0.00030
-130.00	100.00	0.00011	-130.00	90.00	0.00012
-130.00	80.00	0.00014	-130.00	70.00	0.00015
-130.00	60.00	0.00017	-130.00	50.00	0.00018
-130.00	40.00	0.00019	-130.00	30.00	0.00021
-130.00	25.00	0.00021	-130.00	20.00	0.00022
-130.00	17.00	0.00022	-130.00	15.00	0.00023
-130.00	13.00	0.00023	-130.00	11.00	0.00023
-130.00	9.00	0.00023	-130.00	-9.00	0.00026
-130.00	-11.00	0.00026	-130.00	-13.00	0.00026
-130.00	-15.00	0.00026	-130.00	-17.00	0.00026
-130.00	-20.00	0.00027	-130.00	-25.00	0.00027
-130.00	-30.00	0.00028	-130.00	-40.00	0.00029
-130.00	-50.00	0.00031	-130.00	-60.00	0.00032
-130.00	-70.00	0.00033	-130.00	-80.00	0.00033
-130.00	-90.00	0.00033	-130.00	-100.00	0.00033
-120.00	100.00	0.00011	-120.00	90.00	0.00013
-120.00	80.00	0.00014	-120.00	70.00	0.00016
-120.00	60.00	0.00018	-120.00	50.00	0.00019
-120.00	40.00	0.00021	-120.00	30.00	0.00022
-120.00	25.00	0.00023	-120.00	20.00	0.00024

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

17:14:39

**MODELOPTS:

PAGE 48

*** Maximum train overlap at East/West Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00024	-120.00	15.00	0.00024
-120.00	13.00	0.00025	-120.00	11.00	0.00025
-120.00	9.00	0.00025	-120.00	-9.00	0.00028
-120.00	-11.00	0.00028	-120.00	-13.00	0.00028
-120.00	-15.00	0.00029	-120.00	-17.00	0.00029
-120.00	-20.00	0.00029	-120.00	-25.00	0.00030
-120.00	-30.00	0.00031	-120.00	-40.00	0.00032
-120.00	-50.00	0.00034	-120.00	-60.00	0.00035
-120.00	-70.00	0.00036	-120.00	-80.00	0.00036
-120.00	-90.00	0.00036	-120.00	-100.00	0.00035
-110.00	100.00	0.00012	-110.00	90.00	0.00013
-110.00	80.00	0.00015	-110.00	70.00	0.00017
-110.00	60.00	0.00019	-110.00	50.00	0.00021
-110.00	40.00	0.00022	-110.00	30.00	0.00024
-110.00	25.00	0.00025	-110.00	20.00	0.00026
-110.00	17.00	0.00026	-110.00	15.00	0.00027
-110.00	13.00	0.00027	-110.00	11.00	0.00027
-110.00	9.00	0.00028	-110.00	-9.00	0.00031
-110.00	-11.00	0.00031	-110.00	-13.00	0.00031
-110.00	-15.00	0.00032	-110.00	-17.00	0.00032
-110.00	-20.00	0.00032	-110.00	-25.00	0.00033
-110.00	-30.00	0.00034	-110.00	-40.00	0.00036
-110.00	-50.00	0.00038	-110.00	-60.00	0.00039
-110.00	-70.00	0.00040	-110.00	-80.00	0.00040
-110.00	-90.00	0.00039	-110.00	-100.00	0.00038
-100.00	100.00	0.00012	-100.00	90.00	0.00014
-100.00	80.00	0.00015	-100.00	70.00	0.00017
-100.00	60.00	0.00020	-100.00	50.00	0.00022
-100.00	40.00	0.00024	-100.00	30.00	0.00026
-100.00	25.00	0.00027	-100.00	20.00	0.00028
-100.00	17.00	0.00029	-100.00	15.00	0.00029
-100.00	13.00	0.00030	-100.00	11.00	0.00030
-100.00	9.00	0.00030	-100.00	-9.00	0.00034
-100.00	-11.00	0.00034	-100.00	-13.00	0.00034

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-100.00	-15.00	0.00035	-100.00	-17.00	0.00035
-100.00	-20.00	0.00036	-100.00	-25.00	0.00037
-100.00	-30.00	0.00038	-100.00	-40.00	0.00040
-100.00	-50.00	0.00042	-100.00	-60.00	0.00043
-100.00	-70.00	0.00044	-100.00	-80.00	0.00043
-100.00	-90.00	0.00043	-100.00	-100.00	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00013	-90.00	90.00	0.00014
-90.00	80.00	0.00016	-90.00	70.00	0.00018
-90.00	60.00	0.00021	-90.00	50.00	0.00024
-90.00	40.00	0.00026	-90.00	30.00	0.00028
-90.00	25.00	0.00030	-90.00	20.00	0.00031
-90.00	17.00	0.00031	-90.00	15.00	0.00032
-90.00	13.00	0.00032	-90.00	11.00	0.00033
-90.00	9.00	0.00033	-90.00	-9.00	0.00037
-90.00	-11.00	0.00038	-90.00	-13.00	0.00038
-90.00	-15.00	0.00039	-90.00	-17.00	0.00039
-90.00	-20.00	0.00040	-90.00	-25.00	0.00041
-90.00	-30.00	0.00042	-90.00	-40.00	0.00045
-90.00	-50.00	0.00047	-90.00	-60.00	0.00048
-90.00	-70.00	0.00048	-90.00	-80.00	0.00047
-90.00	-90.00	0.00047	-90.00	-100.00	0.00046
-80.00	100.00	0.00013	-80.00	90.00	0.00015
-80.00	80.00	0.00017	-80.00	70.00	0.00019
-80.00	60.00	0.00022	-80.00	50.00	0.00025
-80.00	40.00	0.00028	-80.00	30.00	0.00031
-80.00	25.00	0.00033	-80.00	20.00	0.00034
-80.00	17.00	0.00035	-80.00	15.00	0.00035
-80.00	13.00	0.00036	-80.00	11.00	0.00036
-80.00	9.00	0.00037	-80.00	-9.00	0.00042
-80.00	-11.00	0.00042	-80.00	-13.00	0.00043
-80.00	-15.00	0.00043	-80.00	-17.00	0.00044
-80.00	-20.00	0.00044	-80.00	-25.00	0.00046
-80.00	-30.00	0.00047	-80.00	-40.00	0.00050
-80.00	-50.00	0.00052	-80.00	-60.00	0.00053

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-80.00	-70.00	0.00053	-80.00	-80.00	0.00052
-80.00	-90.00	0.00051	-80.00	-100.00	0.00050
-70.00	100.00	0.00014	-70.00	90.00	0.00016
-70.00	80.00	0.00018	-70.00	70.00	0.00020
-70.00	60.00	0.00023	-70.00	50.00	0.00027
-70.00	40.00	0.00031	-70.00	30.00	0.00034
-70.00	25.00	0.00036	-70.00	20.00	0.00037
-70.00	17.00	0.00038	-70.00	15.00	0.00039
-70.00	13.00	0.00040	-70.00	11.00	0.00040
-70.00	9.00	0.00041	-70.00	-9.00	0.00047
-70.00	-11.00	0.00047	-70.00	-13.00	0.00048
-70.00	-15.00	0.00049	-70.00	-17.00	0.00049

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00050	-70.00	-25.00	0.00052
-70.00	-30.00	0.00054	-70.00	-40.00	0.00057
-70.00	-50.00	0.00059	-70.00	-60.00	0.00060
-70.00	-70.00	0.00059	-70.00	-80.00	0.00058
-70.00	-90.00	0.00056	-70.00	-100.00	0.00055
-60.00	100.00	0.00015	-60.00	90.00	0.00016
-60.00	80.00	0.00018	-60.00	70.00	0.00021
-60.00	60.00	0.00025	-60.00	50.00	0.00029
-60.00	40.00	0.00033	-60.00	30.00	0.00038
-60.00	25.00	0.00040	-60.00	20.00	0.00042
-60.00	17.00	0.00043	-60.00	15.00	0.00044
-60.00	13.00	0.00044	-60.00	11.00	0.00045
-60.00	9.00	0.00046	-60.00	-9.00	0.00053
-60.00	-11.00	0.00054	-60.00	-13.00	0.00054
-60.00	-15.00	0.00055	-60.00	-17.00	0.00056
-60.00	-20.00	0.00057	-60.00	-25.00	0.00059
-60.00	-30.00	0.00061	-60.00	-40.00	0.00065
-60.00	-50.00	0.00067	-60.00	-60.00	0.00067
-60.00	-70.00	0.00066	-60.00	-80.00	0.00064
-60.00	-90.00	0.00062	-60.00	-100.00	0.00060
-50.00	100.00	0.00016	-50.00	90.00	0.00017
-50.00	80.00	0.00020	-50.00	70.00	0.00022

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-50.00	60.00	0.00026	-50.00	50.00	0.00031
-50.00	40.00	0.00036	-50.00	30.00	0.00042
-50.00	25.00	0.00044	-50.00	20.00	0.00046
-50.00	17.00	0.00048	-50.00	15.00	0.00049
-50.00	13.00	0.00050	-50.00	11.00	0.00051
-50.00	9.00	0.00052	-50.00	-9.00	0.00060
-50.00	-11.00	0.00061	-50.00	-13.00	0.00062
-50.00	-15.00	0.00063	-50.00	-17.00	0.00064
-50.00	-20.00	0.00065	-50.00	-25.00	0.00068
-50.00	-30.00	0.00071	-50.00	-40.00	0.00075
-50.00	-50.00	0.00076	-50.00	-60.00	0.00075
-50.00	-70.00	0.00074	-50.00	-80.00	0.00072
-50.00	-90.00	0.00069	-50.00	-100.00	0.00067
-40.00	100.00	0.00017	-40.00	90.00	0.00019
-40.00	80.00	0.00021	-40.00	70.00	0.00024
-40.00	60.00	0.00027	-40.00	50.00	0.00033
-40.00	40.00	0.00039	-40.00	30.00	0.00046
-40.00	25.00	0.00049	-40.00	20.00	0.00052

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00054	-40.00	15.00	0.00055
-40.00	13.00	0.00056	-40.00	11.00	0.00058
-40.00	9.00	0.00059	-40.00	-9.00	0.00069
-40.00	-11.00	0.00070	-40.00	-13.00	0.00072
-40.00	-15.00	0.00073	-40.00	-17.00	0.00074
-40.00	-20.00	0.00076	-40.00	-25.00	0.00079
-40.00	-30.00	0.00082	-40.00	-40.00	0.00086
-40.00	-50.00	0.00087	-40.00	-60.00	0.00085
-40.00	-70.00	0.00083	-40.00	-80.00	0.00080
-40.00	-90.00	0.00077	-40.00	-100.00	0.00073
-30.00	100.00	0.00019	-30.00	90.00	0.00020
-30.00	80.00	0.00022	-30.00	70.00	0.00025
-30.00	60.00	0.00029	-30.00	50.00	0.00035
-30.00	40.00	0.00042	-30.00	30.00	0.00050
-30.00	25.00	0.00055	-30.00	20.00	0.00059
-30.00	17.00	0.00061	-30.00	15.00	0.00062

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-30.00	13.00	0.00064	-30.00	11.00	0.00066
-30.00	9.00	0.00067	-30.00	-9.00	0.00080
-30.00	-11.00	0.00082	-30.00	-13.00	0.00083
-30.00	-15.00	0.00085	-30.00	-17.00	0.00087
-30.00	-20.00	0.00089	-30.00	-25.00	0.00093
-30.00	-30.00	0.00097	-30.00	-40.00	0.00100
-30.00	-50.00	0.00100	-30.00	-60.00	0.00097
-30.00	-70.00	0.00094	-30.00	-80.00	0.00090
-30.00	-90.00	0.00085	-30.00	-100.00	0.00080
-20.00	100.00	0.00021	-20.00	90.00	0.00022
-20.00	80.00	0.00024	-20.00	70.00	0.00027
-20.00	60.00	0.00031	-20.00	50.00	0.00037
-20.00	40.00	0.00045	-20.00	30.00	0.00055
-20.00	25.00	0.00061	-20.00	20.00	0.00066
-20.00	17.00	0.00069	-20.00	15.00	0.00071
-20.00	13.00	0.00073	-20.00	11.00	0.00075
-20.00	9.00	0.00077	-20.00	-9.00	0.00095
-20.00	-11.00	0.00097	-20.00	-13.00	0.00099
-20.00	-15.00	0.00101	-20.00	-17.00	0.00103
-20.00	-20.00	0.00106	-20.00	-25.00	0.00111
-20.00	-30.00	0.00114	-20.00	-40.00	0.00117
-20.00	-50.00	0.00115	-20.00	-60.00	0.00112
-20.00	-70.00	0.00107	-20.00	-80.00	0.00101
-20.00	-90.00	0.00095	-20.00	-100.00	0.00088

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00025	-10.00	90.00	0.00026
-10.00	80.00	0.00028	-10.00	70.00	0.00030
-10.00	60.00	0.00034	-10.00	50.00	0.00040
-10.00	40.00	0.00049	-10.00	30.00	0.00061
-10.00	25.00	0.00068	-10.00	20.00	0.00075
-10.00	17.00	0.00079	-10.00	15.00	0.00082
-10.00	13.00	0.00084	-10.00	11.00	0.00087
-10.00	9.00	0.00089	-10.00	-9.00	0.00113
-10.00	-11.00	0.00115	-10.00	-13.00	0.00118
-10.00	-15.00	0.00121	-10.00	-17.00	0.00124

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-10.00	-20.00	0.00128	-10.00	-25.00	0.00133
-10.00	-30.00	0.00136	-10.00	-40.00	0.00137
-10.00	-50.00	0.00134	-10.00	-60.00	0.00128
-10.00	-70.00	0.00121	-10.00	-80.00	0.00113
-10.00	-90.00	0.00104	-10.00	-100.00	0.00096
0.00	100.00	0.00031	0.00	90.00	0.00032
0.00	80.00	0.00033	0.00	70.00	0.00035
0.00	60.00	0.00038	0.00	50.00	0.00043
0.00	40.00	0.00053	0.00	30.00	0.00066
0.00	25.00	0.00074	0.00	20.00	0.00084
0.00	17.00	0.00090	0.00	15.00	0.00093
0.00	13.00	0.00097	0.00	11.00	0.00101
0.00	9.00	0.00104	0.00	-9.00	0.00136
0.00	-11.00	0.00140	0.00	-13.00	0.00144
0.00	-15.00	0.00148	0.00	-17.00	0.00152
0.00	-20.00	0.00156	0.00	-25.00	0.00161
0.00	-30.00	0.00163	0.00	-40.00	0.00163
0.00	-50.00	0.00156	0.00	-60.00	0.00147
0.00	-70.00	0.00136	0.00	-80.00	0.00125
0.00	-90.00	0.00114	0.00	-100.00	0.00104
10.00	100.00	0.00040	10.00	90.00	0.00040
10.00	80.00	0.00041	10.00	70.00	0.00043
10.00	60.00	0.00045	10.00	50.00	0.00049
10.00	40.00	0.00057	10.00	30.00	0.00072
10.00	25.00	0.00081	10.00	20.00	0.00093
10.00	17.00	0.00101	10.00	15.00	0.00106
10.00	13.00	0.00111	10.00	11.00	0.00117
10.00	9.00	0.00122	10.00	-9.00	0.00168
10.00	-11.00	0.00173	10.00	-13.00	0.00178
10.00	-15.00	0.00183	10.00	-17.00	0.00187

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00192	10.00	-25.00	0.00196
10.00	-30.00	0.00198	10.00	-40.00	0.00193
10.00	-50.00	0.00182	10.00	-60.00	0.00167
10.00	-70.00	0.00152	10.00	-80.00	0.00138

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

10.00	-90.00	0.00124	10.00	-100.00	0.00112
20.00	100.00	0.00052	20.00	90.00	0.00054
20.00	80.00	0.00055	20.00	70.00	0.00057
20.00	60.00	0.00059	20.00	50.00	0.00061
20.00	40.00	0.00067	20.00	30.00	0.00079
20.00	25.00	0.00089	20.00	20.00	0.00102
20.00	17.00	0.00112	20.00	15.00	0.00119
20.00	13.00	0.00126	20.00	11.00	0.00133
20.00	9.00	0.00141	20.00	-9.00	0.00210
20.00	-11.00	0.00217	20.00	-13.00	0.00224
20.00	-15.00	0.00229	20.00	-17.00	0.00233
20.00	-20.00	0.00237	20.00	-25.00	0.00241
20.00	-30.00	0.00240	20.00	-40.00	0.00228
20.00	-50.00	0.00209	20.00	-60.00	0.00189
20.00	-70.00	0.00170	20.00	-80.00	0.00152
20.00	-90.00	0.00135	20.00	-100.00	0.00121
30.00	100.00	0.00067	30.00	90.00	0.00072
30.00	80.00	0.00076	30.00	70.00	0.00080
30.00	60.00	0.00084	30.00	50.00	0.00088
30.00	40.00	0.00091	30.00	30.00	0.00097
30.00	25.00	0.00104	30.00	20.00	0.00115
30.00	17.00	0.00124	30.00	15.00	0.00132
30.00	13.00	0.00141	30.00	11.00	0.00150
30.00	9.00	0.00161	30.00	-9.00	0.00270
30.00	-11.00	0.00279	30.00	-13.00	0.00285
30.00	-15.00	0.00290	30.00	-17.00	0.00293
30.00	-20.00	0.00296	30.00	-25.00	0.00294
30.00	-30.00	0.00287	30.00	-40.00	0.00265
30.00	-50.00	0.00239	30.00	-60.00	0.00213
30.00	-70.00	0.00188	30.00	-80.00	0.00165
30.00	-90.00	0.00145	30.00	-100.00	0.00128
40.00	100.00	0.00086	40.00	90.00	0.00094
40.00	80.00	0.00102	40.00	70.00	0.00112
40.00	60.00	0.00123	40.00	50.00	0.00135
40.00	40.00	0.00147	40.00	30.00	0.00158
40.00	25.00	0.00164	40.00	20.00	0.00168

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W_Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00171	40.00	15.00	0.00173
40.00	13.00	0.00177	40.00	11.00	0.00183
40.00	9.00	0.00192	40.00	-9.00	0.00368
40.00	-11.00	0.00371	40.00	-13.00	0.00372
40.00	-15.00	0.00371	40.00	-17.00	0.00370
40.00	-20.00	0.00366	40.00	-25.00	0.00355
40.00	-30.00	0.00340	40.00	-40.00	0.00305
40.00	-50.00	0.00268	40.00	-60.00	0.00233
40.00	-70.00	0.00202	40.00	-80.00	0.00175
40.00	-90.00	0.00152	40.00	-100.00	0.00133
50.00	100.00	0.00106	50.00	90.00	0.00118
50.00	80.00	0.00131	50.00	70.00	0.00148
50.00	60.00	0.00168	50.00	50.00	0.00193
50.00	40.00	0.00224	50.00	30.00	0.00263
50.00	25.00	0.00287	50.00	20.00	0.00314
50.00	17.00	0.00332	50.00	15.00	0.00346
50.00	13.00	0.00361	50.00	11.00	0.00379
50.00	9.00	0.00403	50.00	-9.00	0.00478
50.00	-11.00	0.00465	50.00	-13.00	0.00454
50.00	-15.00	0.00445	50.00	-17.00	0.00436
50.00	-20.00	0.00423	50.00	-25.00	0.00401
50.00	-30.00	0.00377	50.00	-40.00	0.00330
50.00	-50.00	0.00285	50.00	-60.00	0.00245
50.00	-70.00	0.00210	50.00	-80.00	0.00180
50.00	-90.00	0.00155	50.00	-100.00	0.00134
60.00	100.00	0.00124	60.00	90.00	0.00140
60.00	80.00	0.00159	60.00	70.00	0.00182
60.00	60.00	0.00211	60.00	50.00	0.00246
60.00	40.00	0.00291	60.00	30.00	0.00348
60.00	25.00	0.00381	60.00	20.00	0.00418
60.00	17.00	0.00442	60.00	15.00	0.00458
60.00	13.00	0.00474	60.00	11.00	0.00490
60.00	9.00	0.00509	60.00	-9.00	0.00502
60.00	-11.00	0.00489	60.00	-13.00	0.00479
60.00	-15.00	0.00470	60.00	-17.00	0.00461
60.00	-20.00	0.00447	60.00	-25.00	0.00422
60.00	-30.00	0.00395	60.00	-40.00	0.00341
60.00	-50.00	0.00292	60.00	-60.00	0.00248
60.00	-70.00	0.00211	60.00	-80.00	0.00180
60.00	-90.00	0.00154	60.00	-100.00	0.00133

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:14:39

**MODELOPTS:
PAGE 55

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
70.00	100.00	0.00141	70.00	90.00	0.00160	
70.00	80.00	0.00183	70.00	70.00	0.00212	
70.00	60.00	0.00246	70.00	50.00	0.00288	
70.00	40.00	0.00339	70.00	30.00	0.00401	
70.00	25.00	0.00437	70.00	20.00	0.00474	
70.00	17.00	0.00496	70.00	15.00	0.00510	
70.00	13.00	0.00523	70.00	11.00	0.00536	
70.00	9.00	0.00550	70.00	-9.00	0.00507	
70.00	-11.00	0.00492	70.00	-13.00	0.00481	
70.00	-15.00	0.00471	70.00	-17.00	0.00461	
70.00	-20.00	0.00447	70.00	-25.00	0.00423	
70.00	-30.00	0.00397	70.00	-40.00	0.00343	
70.00	-50.00	0.00291	70.00	-60.00	0.00245	
70.00	-70.00	0.00207	70.00	-80.00	0.00175	
70.00	-90.00	0.00150	70.00	-100.00	0.00129	
80.00	100.00	0.00154	80.00	90.00	0.00176	
80.00	80.00	0.00203	80.00	70.00	0.00234	
80.00	60.00	0.00272	80.00	50.00	0.00317	
80.00	40.00	0.00371	80.00	30.00	0.00434	
80.00	25.00	0.00468	80.00	20.00	0.00502	
80.00	17.00	0.00521	80.00	15.00	0.00533	
80.00	13.00	0.00544	80.00	11.00	0.00555	
80.00	9.00	0.00566	80.00	-9.00	0.00501	
80.00	-11.00	0.00486	80.00	-13.00	0.00473	
80.00	-15.00	0.00461	80.00	-17.00	0.00450	
80.00	-20.00	0.00434	80.00	-25.00	0.00409	
80.00	-30.00	0.00383	80.00	-40.00	0.00332	
80.00	-50.00	0.00282	80.00	-60.00	0.00237	
80.00	-70.00	0.00199	80.00	-80.00	0.00168	
80.00	-90.00	0.00144	80.00	-100.00	0.00124	
90.00	100.00	0.00163	90.00	90.00	0.00187	
90.00	80.00	0.00215	90.00	70.00	0.00249	
90.00	60.00	0.00290	90.00	50.00	0.00337	
90.00	40.00	0.00392	90.00	30.00	0.00453	
90.00	25.00	0.00485	90.00	20.00	0.00516	
90.00	17.00	0.00532	90.00	15.00	0.00542	

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

90.00	13.00	0.00551	90.00	11.00	0.00559
90.00	9.00	0.00568	90.00	-9.00	0.00486
90.00	-11.00	0.00469	90.00	-13.00	0.00454
90.00	-15.00	0.00441	90.00	-17.00	0.00429

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
 PAGE 56
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00412	90.00	-25.00	0.00385
90.00	-30.00	0.00360	90.00	-40.00	0.00310
90.00	-50.00	0.00263	90.00	-60.00	0.00222
90.00	-70.00	0.00187	90.00	-80.00	0.00159
90.00	-90.00	0.00135	90.00	-100.00	0.00116
100.00	100.00	0.00166	100.00	90.00	0.00191
100.00	80.00	0.00221	100.00	70.00	0.00257
100.00	60.00	0.00299	100.00	50.00	0.00349
100.00	40.00	0.00404	100.00	30.00	0.00464
100.00	25.00	0.00494	100.00	20.00	0.00520
100.00	17.00	0.00534	100.00	15.00	0.00542
100.00	13.00	0.00549	100.00	11.00	0.00554
100.00	9.00	0.00561	100.00	-9.00	0.00459
100.00	-11.00	0.00439	100.00	-13.00	0.00423
100.00	-15.00	0.00409	100.00	-17.00	0.00397
100.00	-20.00	0.00379	100.00	-25.00	0.00351
100.00	-30.00	0.00326	100.00	-40.00	0.00278
100.00	-50.00	0.00237	100.00	-60.00	0.00201
100.00	-70.00	0.00171	100.00	-80.00	0.00146
100.00	-90.00	0.00125	100.00	-100.00	0.00107
110.00	100.00	0.00164	110.00	90.00	0.00188
110.00	80.00	0.00218	110.00	70.00	0.00255
110.00	60.00	0.00298	110.00	50.00	0.00349
110.00	40.00	0.00406	110.00	30.00	0.00467
110.00	25.00	0.00495	110.00	20.00	0.00519
110.00	17.00	0.00531	110.00	15.00	0.00536
110.00	13.00	0.00540	110.00	11.00	0.00543
110.00	9.00	0.00546	110.00	-9.00	0.00417
110.00	-11.00	0.00395	110.00	-13.00	0.00378
110.00	-15.00	0.00364	110.00	-17.00	0.00351

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

110.00	-20.00	0.00333	110.00	-25.00	0.00306
110.00	-30.00	0.00281	110.00	-40.00	0.00240
110.00	-50.00	0.00205	110.00	-60.00	0.00176
110.00	-70.00	0.00150	110.00	-80.00	0.00129
110.00	-90.00	0.00111	110.00	-100.00	0.00096
120.00	100.00	0.00156	120.00	90.00	0.00179
120.00	80.00	0.00207	120.00	70.00	0.00241
120.00	60.00	0.00282	120.00	50.00	0.00331
120.00	40.00	0.00390	120.00	30.00	0.00454
120.00	25.00	0.00485	120.00	20.00	0.00511

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00522	120.00	15.00	0.00526
120.00	13.00	0.00528	120.00	11.00	0.00528
120.00	9.00	0.00528	120.00	-9.00	0.00355
120.00	-11.00	0.00332	120.00	-13.00	0.00314
120.00	-15.00	0.00300	120.00	-17.00	0.00287
120.00	-20.00	0.00271	120.00	-25.00	0.00248
120.00	-30.00	0.00229	120.00	-40.00	0.00196
120.00	-50.00	0.00168	120.00	-60.00	0.00145
120.00	-70.00	0.00126	120.00	-80.00	0.00109
120.00	-90.00	0.00095	120.00	-100.00	0.00084
130.00	100.00	0.00144	130.00	90.00	0.00164
130.00	80.00	0.00188	130.00	70.00	0.00216
130.00	60.00	0.00249	130.00	50.00	0.00290
130.00	40.00	0.00339	130.00	30.00	0.00396
130.00	25.00	0.00428	130.00	20.00	0.00459
130.00	17.00	0.00475	130.00	15.00	0.00484
130.00	13.00	0.00491	130.00	11.00	0.00495
130.00	9.00	0.00497	130.00	-9.00	0.00253
130.00	-11.00	0.00235	130.00	-13.00	0.00222
130.00	-15.00	0.00212	130.00	-17.00	0.00204
130.00	-20.00	0.00194	130.00	-25.00	0.00180
130.00	-30.00	0.00168	130.00	-40.00	0.00147
130.00	-50.00	0.00130	130.00	-60.00	0.00115
130.00	-70.00	0.00102	130.00	-80.00	0.00091

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

130.00	-90.00	0.00081	130.00	-100.00	0.00072
140.00	100.00	0.00129	140.00	90.00	0.00145
140.00	80.00	0.00163	140.00	70.00	0.00184
140.00	60.00	0.00208	140.00	50.00	0.00235
140.00	40.00	0.00264	140.00	30.00	0.00292
140.00	25.00	0.00304	140.00	20.00	0.00311
140.00	17.00	0.00311	140.00	15.00	0.00308
140.00	13.00	0.00303	140.00	11.00	0.00294
140.00	9.00	0.00281	140.00	-9.00	0.00134
140.00	-11.00	0.00133	140.00	-13.00	0.00131
140.00	-15.00	0.00130	140.00	-17.00	0.00129
140.00	-20.00	0.00127	140.00	-25.00	0.00123
140.00	-30.00	0.00119	140.00	-40.00	0.00110
140.00	-50.00	0.00100	140.00	-60.00	0.00091
140.00	-70.00	0.00083	140.00	-80.00	0.00076
140.00	-90.00	0.00069	140.00	-100.00	0.00062

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00114	150.00	90.00	0.00126
150.00	80.00	0.00139	150.00	70.00	0.00153
150.00	60.00	0.00169	150.00	50.00	0.00184
150.00	40.00	0.00198	150.00	30.00	0.00206
150.00	25.00	0.00206	150.00	20.00	0.00202
150.00	17.00	0.00196	150.00	15.00	0.00191
150.00	13.00	0.00184	150.00	11.00	0.00176
150.00	9.00	0.00167	150.00	-9.00	0.00098
150.00	-11.00	0.00096	150.00	-13.00	0.00094
150.00	-15.00	0.00092	150.00	-17.00	0.00090
150.00	-20.00	0.00089	150.00	-25.00	0.00088
150.00	-30.00	0.00086	150.00	-40.00	0.00083
150.00	-50.00	0.00079	150.00	-60.00	0.00073
150.00	-70.00	0.00068	150.00	-80.00	0.00063
150.00	-90.00	0.00058	150.00	-100.00	0.00054
160.00	100.00	0.00099	160.00	90.00	0.00108
160.00	80.00	0.00117	160.00	70.00	0.00126
160.00	60.00	0.00135	160.00	50.00	0.00143

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

160.00	40.00	0.00149	160.00	30.00	0.00149
160.00	25.00	0.00146	160.00	20.00	0.00140
160.00	17.00	0.00135	160.00	15.00	0.00131
160.00	13.00	0.00126	160.00	11.00	0.00121
160.00	9.00	0.00115	160.00	-9.00	0.00078
160.00	-11.00	0.00077	160.00	-13.00	0.00075
160.00	-15.00	0.00074	160.00	-17.00	0.00072
160.00	-20.00	0.00070	160.00	-25.00	0.00067
160.00	-30.00	0.00065	160.00	-40.00	0.00063
160.00	-50.00	0.00061	160.00	-60.00	0.00058
160.00	-70.00	0.00056	160.00	-80.00	0.00053
160.00	-90.00	0.00050	160.00	-100.00	0.00047
170.00	100.00	0.00085	170.00	90.00	0.00091
170.00	80.00	0.00097	170.00	70.00	0.00103
170.00	60.00	0.00109	170.00	50.00	0.00113
170.00	40.00	0.00114	170.00	30.00	0.00111
170.00	25.00	0.00108	170.00	20.00	0.00103
170.00	17.00	0.00099	170.00	15.00	0.00096
170.00	13.00	0.00092	170.00	11.00	0.00089
170.00	9.00	0.00086	170.00	-9.00	0.00063
170.00	-11.00	0.00062	170.00	-13.00	0.00061
170.00	-15.00	0.00061	170.00	-17.00	0.00060

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00058	170.00	-25.00	0.00056
170.00	-30.00	0.00053	170.00	-40.00	0.00049
170.00	-50.00	0.00047	170.00	-60.00	0.00046
170.00	-70.00	0.00045	170.00	-80.00	0.00043
170.00	-90.00	0.00042	170.00	-100.00	0.00040
180.00	100.00	0.00073	180.00	90.00	0.00077
180.00	80.00	0.00082	180.00	70.00	0.00085
180.00	60.00	0.00089	180.00	50.00	0.00090
180.00	40.00	0.00089	180.00	30.00	0.00086
180.00	25.00	0.00082	180.00	20.00	0.00078
180.00	17.00	0.00075	180.00	15.00	0.00073
180.00	13.00	0.00071	180.00	11.00	0.00069

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

180.00	9.00	0.00066	180.00	-9.00	0.00052
180.00	-11.00	0.00051	180.00	-13.00	0.00050
180.00	-15.00	0.00050	180.00	-17.00	0.00049
180.00	-20.00	0.00049	180.00	-25.00	0.00047
180.00	-30.00	0.00045	180.00	-40.00	0.00041
180.00	-50.00	0.00038	180.00	-60.00	0.00037
180.00	-70.00	0.00036	180.00	-80.00	0.00035
180.00	-90.00	0.00034	180.00	-100.00	0.00034
190.00	100.00	0.00063	190.00	90.00	0.00066
190.00	80.00	0.00069	190.00	70.00	0.00071
190.00	60.00	0.00072	190.00	50.00	0.00072
190.00	40.00	0.00071	190.00	30.00	0.00068
190.00	25.00	0.00065	190.00	20.00	0.00062
190.00	17.00	0.00060	190.00	15.00	0.00058
190.00	13.00	0.00057	190.00	11.00	0.00055
190.00	9.00	0.00053	190.00	-9.00	0.00043
190.00	-11.00	0.00043	190.00	-13.00	0.00042
190.00	-15.00	0.00042	190.00	-17.00	0.00041
190.00	-20.00	0.00041	190.00	-25.00	0.00040
190.00	-30.00	0.00039	190.00	-40.00	0.00035
190.00	-50.00	0.00032	190.00	-60.00	0.00030
190.00	-70.00	0.00029	190.00	-80.00	0.00029
190.00	-90.00	0.00028	190.00	-100.00	0.00028
200.00	100.00	0.00055	200.00	90.00	0.00057
200.00	80.00	0.00059	200.00	70.00	0.00060
200.00	60.00	0.00060	200.00	50.00	0.00060
200.00	40.00	0.00058	200.00	30.00	0.00055
200.00	25.00	0.00053	200.00	20.00	0.00050

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00048	200.00	15.00	0.00047
200.00	13.00	0.00046	200.00	11.00	0.00045
200.00	9.00	0.00044	200.00	-9.00	0.00037
200.00	-11.00	0.00036	200.00	-13.00	0.00036
200.00	-15.00	0.00035	200.00	-17.00	0.00035
200.00	-20.00	0.00034	200.00	-25.00	0.00034

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

200.00	-30.00	0.00033	200.00	-40.00	0.00031
200.00	-50.00	0.00028	200.00	-60.00	0.00026
200.00	-70.00	0.00025	200.00	-80.00	0.00024
200.00	-90.00	0.00023	200.00	-100.00	0.00023
210.00	100.00	0.00048	210.00	90.00	0.00049
210.00	80.00	0.00050	210.00	70.00	0.00050
210.00	60.00	0.00050	210.00	50.00	0.00050
210.00	40.00	0.00048	210.00	30.00	0.00045
210.00	25.00	0.00043	210.00	20.00	0.00041
210.00	17.00	0.00040	210.00	15.00	0.00039
210.00	13.00	0.00038	210.00	11.00	0.00037
210.00	9.00	0.00037	210.00	-9.00	0.00031
210.00	-11.00	0.00031	210.00	-13.00	0.00031
210.00	-15.00	0.00030	210.00	-17.00	0.00030
210.00	-20.00	0.00029	210.00	-25.00	0.00029
210.00	-30.00	0.00029	210.00	-40.00	0.00028
210.00	-50.00	0.00025	210.00	-60.00	0.00023
210.00	-70.00	0.00021	210.00	-80.00	0.00020
210.00	-90.00	0.00020	210.00	-100.00	0.00020
220.00	100.00	0.00042	220.00	90.00	0.00042
220.00	80.00	0.00043	220.00	70.00	0.00043
220.00	60.00	0.00043	220.00	50.00	0.00042
220.00	40.00	0.00040	220.00	30.00	0.00038
220.00	25.00	0.00036	220.00	20.00	0.00035
220.00	17.00	0.00034	220.00	15.00	0.00033
220.00	13.00	0.00032	220.00	11.00	0.00032
220.00	9.00	0.00031	220.00	-9.00	0.00027
220.00	-11.00	0.00027	220.00	-13.00	0.00027
220.00	-15.00	0.00026	220.00	-17.00	0.00026
220.00	-20.00	0.00026	220.00	-25.00	0.00025
220.00	-30.00	0.00025	220.00	-40.00	0.00024
220.00	-50.00	0.00023	220.00	-60.00	0.00021
220.00	-70.00	0.00019	220.00	-80.00	0.00018
220.00	-90.00	0.00017	220.00	-100.00	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

230.00	100.00	0.00037	230.00	90.00	0.00037
230.00	80.00	0.00037	230.00	70.00	0.00037
230.00	60.00	0.00037	230.00	50.00	0.00036
230.00	40.00	0.00034	230.00	30.00	0.00032
230.00	25.00	0.00031	230.00	20.00	0.00030
230.00	17.00	0.00029	230.00	15.00	0.00028
230.00	13.00	0.00028	230.00	11.00	0.00027
230.00	9.00	0.00027	230.00	-9.00	0.00024
230.00	-11.00	0.00023	230.00	-13.00	0.00023
230.00	-15.00	0.00023	230.00	-17.00	0.00023
230.00	-20.00	0.00022	230.00	-25.00	0.00022
230.00	-30.00	0.00022	230.00	-40.00	0.00021
230.00	-50.00	0.00021	230.00	-60.00	0.00019
230.00	-70.00	0.00017	230.00	-80.00	0.00016
230.00	-90.00	0.00015	230.00	-100.00	0.00015
240.00	100.00	0.00032	240.00	90.00	0.00032
240.00	80.00	0.00033	240.00	70.00	0.00032
240.00	60.00	0.00032	240.00	50.00	0.00031
240.00	40.00	0.00029	240.00	30.00	0.00028
240.00	25.00	0.00027	240.00	20.00	0.00026
240.00	17.00	0.00025	240.00	15.00	0.00024
240.00	13.00	0.00024	240.00	11.00	0.00024
240.00	9.00	0.00023	240.00	-9.00	0.00021
240.00	-11.00	0.00021	240.00	-13.00	0.00020
240.00	-15.00	0.00020	240.00	-17.00	0.00020
240.00	-20.00	0.00020	240.00	-25.00	0.00019
240.00	-30.00	0.00019	240.00	-40.00	0.00019
240.00	-50.00	0.00018	240.00	-60.00	0.00017
240.00	-70.00	0.00016	240.00	-80.00	0.00015
240.00	-90.00	0.00014	240.00	-100.00	0.00013
250.00	100.00	0.00029	250.00	90.00	0.00029
250.00	80.00	0.00029	250.00	70.00	0.00028
250.00	60.00	0.00028	250.00	50.00	0.00027
250.00	40.00	0.00025	250.00	30.00	0.00024
250.00	25.00	0.00023	250.00	20.00	0.00022
250.00	17.00	0.00022	250.00	15.00	0.00021
250.00	13.00	0.00021	250.00	11.00	0.00021
250.00	9.00	0.00020	250.00	-9.00	0.00019
250.00	-11.00	0.00018	250.00	-13.00	0.00018
250.00	-15.00	0.00018	250.00	-17.00	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
250.00	-20.00	0.00018	250.00	-25.00	0.00017	
250.00	-30.00	0.00017	250.00	-40.00	0.00017	
250.00	-50.00	0.00017	250.00	-60.00	0.00016	
250.00	-70.00	0.00015	250.00	-80.00	0.00014	
250.00	-90.00	0.00013	250.00	-100.00	0.00012	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-250.00	100.00	0.00010	-250.00	90.00	0.00011	
-250.00	80.00	0.00012	-250.00	70.00	0.00013	
-250.00	60.00	0.00014	-250.00	50.00	0.00015	
-250.00	40.00	0.00016	-250.00	30.00	0.00017	
-250.00	25.00	0.00017	-250.00	20.00	0.00018	
-250.00	17.00	0.00018	-250.00	15.00	0.00018	
-250.00	13.00	0.00018	-250.00	11.00	0.00018	
-250.00	9.00	0.00019	-250.00	-9.00	0.00020	
-250.00	-11.00	0.00020	-250.00	-13.00	0.00020	
-250.00	-15.00	0.00021	-250.00	-17.00	0.00021	
-250.00	-20.00	0.00021	-250.00	-25.00	0.00021	
-250.00	-30.00	0.00022	-250.00	-40.00	0.00023	
-250.00	-50.00	0.00024	-250.00	-60.00	0.00025	
-250.00	-70.00	0.00025	-250.00	-80.00	0.00026	
-250.00	-90.00	0.00026	-250.00	-100.00	0.00026	
-240.00	100.00	0.00010	-240.00	90.00	0.00011	
-240.00	80.00	0.00012	-240.00	70.00	0.00014	
-240.00	60.00	0.00015	-240.00	50.00	0.00016	
-240.00	40.00	0.00017	-240.00	30.00	0.00018	
-240.00	25.00	0.00018	-240.00	20.00	0.00019	
-240.00	17.00	0.00019	-240.00	15.00	0.00019	
-240.00	13.00	0.00020	-240.00	11.00	0.00020	
-240.00	9.00	0.00020	-240.00	-9.00	0.00022	

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-240.00	-11.00	0.00022	-240.00	-13.00	0.00022
-240.00	-15.00	0.00022	-240.00	-17.00	0.00022
-240.00	-20.00	0.00023	-240.00	-25.00	0.00023
-240.00	-30.00	0.00024	-240.00	-40.00	0.00025
-240.00	-50.00	0.00026	-240.00	-60.00	0.00027
-240.00	-70.00	0.00028	-240.00	-80.00	0.00028
-240.00	-90.00	0.00028	-240.00	-100.00	0.00028
-230.00	100.00	0.00010	-230.00	90.00	0.00012
-230.00	80.00	0.00013	-230.00	70.00	0.00014
-230.00	60.00	0.00016	-230.00	50.00	0.00017
-230.00	40.00	0.00018	-230.00	30.00	0.00019
-230.00	25.00	0.00020	-230.00	20.00	0.00020
-230.00	17.00	0.00021	-230.00	15.00	0.00021
-230.00	13.00	0.00021	-230.00	11.00	0.00021
-230.00	9.00	0.00022	-230.00	-9.00	0.00024
-230.00	-11.00	0.00024	-230.00	-13.00	0.00024
-230.00	-15.00	0.00024	-230.00	-17.00	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

PAGE 64

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00025	-230.00	-25.00	0.00025
-230.00	-30.00	0.00026	-230.00	-40.00	0.00027
-230.00	-50.00	0.00028	-230.00	-60.00	0.00029
-230.00	-70.00	0.00030	-230.00	-80.00	0.00031
-230.00	-90.00	0.00031	-230.00	-100.00	0.00030
-220.00	100.00	0.00011	-220.00	90.00	0.00012
-220.00	80.00	0.00014	-220.00	70.00	0.00015
-220.00	60.00	0.00017	-220.00	50.00	0.00018
-220.00	40.00	0.00019	-220.00	30.00	0.00021
-220.00	25.00	0.00021	-220.00	20.00	0.00022
-220.00	17.00	0.00022	-220.00	15.00	0.00023
-220.00	13.00	0.00023	-220.00	11.00	0.00023
-220.00	9.00	0.00023	-220.00	-9.00	0.00026
-220.00	-11.00	0.00026	-220.00	-13.00	0.00026
-220.00	-15.00	0.00026	-220.00	-17.00	0.00026
-220.00	-20.00	0.00027	-220.00	-25.00	0.00027
-220.00	-30.00	0.00028	-220.00	-40.00	0.00029

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-220.00	-50.00	0.00031	-220.00	-60.00	0.00032
-220.00	-70.00	0.00033	-220.00	-80.00	0.00033
-220.00	-90.00	0.00033	-220.00	-100.00	0.00033
-210.00	100.00	0.00011	-210.00	90.00	0.00013
-210.00	80.00	0.00014	-210.00	70.00	0.00016
-210.00	60.00	0.00018	-210.00	50.00	0.00019
-210.00	40.00	0.00021	-210.00	30.00	0.00022
-210.00	25.00	0.00023	-210.00	20.00	0.00024
-210.00	17.00	0.00024	-210.00	15.00	0.00024
-210.00	13.00	0.00025	-210.00	11.00	0.00025
-210.00	9.00	0.00025	-210.00	-9.00	0.00028
-210.00	-11.00	0.00028	-210.00	-13.00	0.00028
-210.00	-15.00	0.00029	-210.00	-17.00	0.00029
-210.00	-20.00	0.00029	-210.00	-25.00	0.00030
-210.00	-30.00	0.00031	-210.00	-40.00	0.00032
-210.00	-50.00	0.00034	-210.00	-60.00	0.00035
-210.00	-70.00	0.00036	-210.00	-80.00	0.00036
-210.00	-90.00	0.00036	-210.00	-100.00	0.00035
-200.00	100.00	0.00012	-200.00	90.00	0.00013
-200.00	80.00	0.00015	-200.00	70.00	0.00017
-200.00	60.00	0.00019	-200.00	50.00	0.00021
-200.00	40.00	0.00022	-200.00	30.00	0.00024
-200.00	25.00	0.00025	-200.00	20.00	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTS:
 PAGE 65

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00026	-200.00	15.00	0.00027
-200.00	13.00	0.00027	-200.00	11.00	0.00027
-200.00	9.00	0.00028	-200.00	-9.00	0.00031
-200.00	-11.00	0.00031	-200.00	-13.00	0.00031
-200.00	-15.00	0.00032	-200.00	-17.00	0.00032
-200.00	-20.00	0.00032	-200.00	-25.00	0.00033
-200.00	-30.00	0.00034	-200.00	-40.00	0.00036
-200.00	-50.00	0.00038	-200.00	-60.00	0.00039
-200.00	-70.00	0.00040	-200.00	-80.00	0.00040
-200.00	-90.00	0.00039	-200.00	-100.00	0.00038
-190.00	100.00	0.00012	-190.00	90.00	0.00014

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-190.00	80.00	0.00015	-190.00	70.00	0.00017
-190.00	60.00	0.00020	-190.00	50.00	0.00022
-190.00	40.00	0.00024	-190.00	30.00	0.00026
-190.00	25.00	0.00027	-190.00	20.00	0.00028
-190.00	17.00	0.00029	-190.00	15.00	0.00029
-190.00	13.00	0.00030	-190.00	11.00	0.00030
-190.00	9.00	0.00030	-190.00	-9.00	0.00034
-190.00	-11.00	0.00034	-190.00	-13.00	0.00034
-190.00	-15.00	0.00035	-190.00	-17.00	0.00035
-190.00	-20.00	0.00036	-190.00	-25.00	0.00037
-190.00	-30.00	0.00038	-190.00	-40.00	0.00040
-190.00	-50.00	0.00042	-190.00	-60.00	0.00043
-190.00	-70.00	0.00044	-190.00	-80.00	0.00043
-190.00	-90.00	0.00043	-190.00	-100.00	0.00042
-180.00	100.00	0.00013	-180.00	90.00	0.00014
-180.00	80.00	0.00016	-180.00	70.00	0.00018
-180.00	60.00	0.00021	-180.00	50.00	0.00024
-180.00	40.00	0.00026	-180.00	30.00	0.00028
-180.00	25.00	0.00030	-180.00	20.00	0.00031
-180.00	17.00	0.00031	-180.00	15.00	0.00032
-180.00	13.00	0.00032	-180.00	11.00	0.00033
-180.00	9.00	0.00033	-180.00	-9.00	0.00037
-180.00	-11.00	0.00038	-180.00	-13.00	0.00038
-180.00	-15.00	0.00039	-180.00	-17.00	0.00039
-180.00	-20.00	0.00040	-180.00	-25.00	0.00041
-180.00	-30.00	0.00042	-180.00	-40.00	0.00045
-180.00	-50.00	0.00047	-180.00	-60.00	0.00048
-180.00	-70.00	0.00048	-180.00	-80.00	0.00047
-180.00	-90.00	0.00047	-180.00	-100.00	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTS:
 PAGE 66
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00013	-170.00	90.00	0.00015
-170.00	80.00	0.00017	-170.00	70.00	0.00019
-170.00	60.00	0.00022	-170.00	50.00	0.00025
-170.00	40.00	0.00028	-170.00	30.00	0.00031
-170.00	25.00	0.00033	-170.00	20.00	0.00034

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-170.00	17.00	0.00035	-170.00	15.00	0.00035
-170.00	13.00	0.00036	-170.00	11.00	0.00036
-170.00	9.00	0.00037	-170.00	-9.00	0.00042
-170.00	-11.00	0.00042	-170.00	-13.00	0.00043
-170.00	-15.00	0.00043	-170.00	-17.00	0.00044
-170.00	-20.00	0.00044	-170.00	-25.00	0.00046
-170.00	-30.00	0.00047	-170.00	-40.00	0.00050
-170.00	-50.00	0.00052	-170.00	-60.00	0.00053
-170.00	-70.00	0.00053	-170.00	-80.00	0.00052
-170.00	-90.00	0.00051	-170.00	-100.00	0.00050
-160.00	100.00	0.00014	-160.00	90.00	0.00016
-160.00	80.00	0.00018	-160.00	70.00	0.00020
-160.00	60.00	0.00023	-160.00	50.00	0.00027
-160.00	40.00	0.00031	-160.00	30.00	0.00034
-160.00	25.00	0.00036	-160.00	20.00	0.00037
-160.00	17.00	0.00038	-160.00	15.00	0.00039
-160.00	13.00	0.00040	-160.00	11.00	0.00040
-160.00	9.00	0.00041	-160.00	-9.00	0.00047
-160.00	-11.00	0.00047	-160.00	-13.00	0.00048
-160.00	-15.00	0.00049	-160.00	-17.00	0.00049
-160.00	-20.00	0.00050	-160.00	-25.00	0.00052
-160.00	-30.00	0.00054	-160.00	-40.00	0.00057
-160.00	-50.00	0.00059	-160.00	-60.00	0.00060
-160.00	-70.00	0.00059	-160.00	-80.00	0.00058
-160.00	-90.00	0.00056	-160.00	-100.00	0.00055
-150.00	100.00	0.00015	-150.00	90.00	0.00016
-150.00	80.00	0.00018	-150.00	70.00	0.00021
-150.00	60.00	0.00025	-150.00	50.00	0.00029
-150.00	40.00	0.00033	-150.00	30.00	0.00038
-150.00	25.00	0.00040	-150.00	20.00	0.00042
-150.00	17.00	0.00043	-150.00	15.00	0.00044
-150.00	13.00	0.00044	-150.00	11.00	0.00045
-150.00	9.00	0.00046	-150.00	-9.00	0.00053
-150.00	-11.00	0.00054	-150.00	-13.00	0.00054
-150.00	-15.00	0.00055	-150.00	-17.00	0.00056

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 17:14:39
 **MODELOPTS:
 PAGE 67
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00057	-150.00	-25.00	0.00059
-150.00	-30.00	0.00061	-150.00	-40.00	0.00065
-150.00	-50.00	0.00067	-150.00	-60.00	0.00067
-150.00	-70.00	0.00066	-150.00	-80.00	0.00064
-150.00	-90.00	0.00062	-150.00	-100.00	0.00060
-140.00	100.00	0.00016	-140.00	90.00	0.00017
-140.00	80.00	0.00020	-140.00	70.00	0.00022
-140.00	60.00	0.00026	-140.00	50.00	0.00031
-140.00	40.00	0.00036	-140.00	30.00	0.00042
-140.00	25.00	0.00044	-140.00	20.00	0.00046
-140.00	17.00	0.00048	-140.00	15.00	0.00049
-140.00	13.00	0.00050	-140.00	11.00	0.00051
-140.00	9.00	0.00052	-140.00	-9.00	0.00060
-140.00	-11.00	0.00061	-140.00	-13.00	0.00062
-140.00	-15.00	0.00063	-140.00	-17.00	0.00064
-140.00	-20.00	0.00065	-140.00	-25.00	0.00068
-140.00	-30.00	0.00071	-140.00	-40.00	0.00075
-140.00	-50.00	0.00076	-140.00	-60.00	0.00075
-140.00	-70.00	0.00074	-140.00	-80.00	0.00072
-140.00	-90.00	0.00069	-140.00	-100.00	0.00067
-130.00	100.00	0.00017	-130.00	90.00	0.00019
-130.00	80.00	0.00021	-130.00	70.00	0.00024
-130.00	60.00	0.00027	-130.00	50.00	0.00033
-130.00	40.00	0.00039	-130.00	30.00	0.00046
-130.00	25.00	0.00049	-130.00	20.00	0.00052
-130.00	17.00	0.00054	-130.00	15.00	0.00055
-130.00	13.00	0.00056	-130.00	11.00	0.00058
-130.00	9.00	0.00059	-130.00	-9.00	0.00069
-130.00	-11.00	0.00070	-130.00	-13.00	0.00072
-130.00	-15.00	0.00073	-130.00	-17.00	0.00074
-130.00	-20.00	0.00076	-130.00	-25.00	0.00079
-130.00	-30.00	0.00082	-130.00	-40.00	0.00086
-130.00	-50.00	0.00087	-130.00	-60.00	0.00085
-130.00	-70.00	0.00083	-130.00	-80.00	0.00080
-130.00	-90.00	0.00077	-130.00	-100.00	0.00073
-120.00	100.00	0.00019	-120.00	90.00	0.00020
-120.00	80.00	0.00022	-120.00	70.00	0.00025
-120.00	60.00	0.00029	-120.00	50.00	0.00035
-120.00	40.00	0.00042	-120.00	30.00	0.00050
-120.00	25.00	0.00055	-120.00	20.00	0.00059

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:14:39

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
*** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00061	-120.00	15.00	0.00062
-120.00	13.00	0.00064	-120.00	11.00	0.00066
-120.00	9.00	0.00067	-120.00	-9.00	0.00080
-120.00	-11.00	0.00082	-120.00	-13.00	0.00083
-120.00	-15.00	0.00085	-120.00	-17.00	0.00087
-120.00	-20.00	0.00089	-120.00	-25.00	0.00093
-120.00	-30.00	0.00097	-120.00	-40.00	0.00100
-120.00	-50.00	0.00100	-120.00	-60.00	0.00097
-120.00	-70.00	0.00094	-120.00	-80.00	0.00090
-120.00	-90.00	0.00085	-120.00	-100.00	0.00080
-110.00	100.00	0.00021	-110.00	90.00	0.00022
-110.00	80.00	0.00024	-110.00	70.00	0.00027
-110.00	60.00	0.00031	-110.00	50.00	0.00037
-110.00	40.00	0.00045	-110.00	30.00	0.00055
-110.00	25.00	0.00061	-110.00	20.00	0.00066
-110.00	17.00	0.00069	-110.00	15.00	0.00071
-110.00	13.00	0.00073	-110.00	11.00	0.00075
-110.00	9.00	0.00077	-110.00	-9.00	0.00095
-110.00	-11.00	0.00097	-110.00	-13.00	0.00099
-110.00	-15.00	0.00101	-110.00	-17.00	0.00103
-110.00	-20.00	0.00106	-110.00	-25.00	0.00111
-110.00	-30.00	0.00114	-110.00	-40.00	0.00117
-110.00	-50.00	0.00115	-110.00	-60.00	0.00112
-110.00	-70.00	0.00107	-110.00	-80.00	0.00101
-110.00	-90.00	0.00095	-110.00	-100.00	0.00088
-100.00	100.00	0.00025	-100.00	90.00	0.00026
-100.00	80.00	0.00028	-100.00	70.00	0.00030
-100.00	60.00	0.00034	-100.00	50.00	0.00040
-100.00	40.00	0.00049	-100.00	30.00	0.00061
-100.00	25.00	0.00068	-100.00	20.00	0.00075
-100.00	17.00	0.00079	-100.00	15.00	0.00082
-100.00	13.00	0.00084	-100.00	11.00	0.00087
-100.00	9.00	0.00089	-100.00	-9.00	0.00113
-100.00	-11.00	0.00115	-100.00	-13.00	0.00118
-100.00	-15.00	0.00121	-100.00	-17.00	0.00124
-100.00	-20.00	0.00128	-100.00	-25.00	0.00133
-100.00	-30.00	0.00136	-100.00	-40.00	0.00137

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-100.00	-50.00	0.00134	-100.00	-60.00	0.00128
-100.00	-70.00	0.00121	-100.00	-80.00	0.00113
-100.00	-90.00	0.00104	-100.00	-100.00	0.00096

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00031	-90.00	90.00	0.00032
-90.00	80.00	0.00033	-90.00	70.00	0.00035
-90.00	60.00	0.00038	-90.00	50.00	0.00043
-90.00	40.00	0.00053	-90.00	30.00	0.00066
-90.00	25.00	0.00074	-90.00	20.00	0.00084
-90.00	17.00	0.00090	-90.00	15.00	0.00093
-90.00	13.00	0.00097	-90.00	11.00	0.00101
-90.00	9.00	0.00104	-90.00	-9.00	0.00136
-90.00	-11.00	0.00140	-90.00	-13.00	0.00144
-90.00	-15.00	0.00148	-90.00	-17.00	0.00152
-90.00	-20.00	0.00156	-90.00	-25.00	0.00161
-90.00	-30.00	0.00163	-90.00	-40.00	0.00163
-90.00	-50.00	0.00156	-90.00	-60.00	0.00147
-90.00	-70.00	0.00136	-90.00	-80.00	0.00125
-90.00	-90.00	0.00114	-90.00	-100.00	0.00104
-80.00	100.00	0.00040	-80.00	90.00	0.00040
-80.00	80.00	0.00041	-80.00	70.00	0.00043
-80.00	60.00	0.00045	-80.00	50.00	0.00049
-80.00	40.00	0.00057	-80.00	30.00	0.00072
-80.00	25.00	0.00081	-80.00	20.00	0.00093
-80.00	17.00	0.00101	-80.00	15.00	0.00106
-80.00	13.00	0.00111	-80.00	11.00	0.00117
-80.00	9.00	0.00122	-80.00	-9.00	0.00168
-80.00	-11.00	0.00173	-80.00	-13.00	0.00178
-80.00	-15.00	0.00183	-80.00	-17.00	0.00187
-80.00	-20.00	0.00192	-80.00	-25.00	0.00196
-80.00	-30.00	0.00198	-80.00	-40.00	0.00193
-80.00	-50.00	0.00182	-80.00	-60.00	0.00167
-80.00	-70.00	0.00152	-80.00	-80.00	0.00138
-80.00	-90.00	0.00124	-80.00	-100.00	0.00112
-70.00	100.00	0.00052	-70.00	90.00	0.00054

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-70.00	80.00	0.00055	-70.00	70.00	0.00057
-70.00	60.00	0.00059	-70.00	50.00	0.00061
-70.00	40.00	0.00067	-70.00	30.00	0.00079
-70.00	25.00	0.00089	-70.00	20.00	0.00102
-70.00	17.00	0.00112	-70.00	15.00	0.00119
-70.00	13.00	0.00126	-70.00	11.00	0.00133
-70.00	9.00	0.00141	-70.00	-9.00	0.00210
-70.00	-11.00	0.00217	-70.00	-13.00	0.00224
-70.00	-15.00	0.00229	-70.00	-17.00	0.00233

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00237	-70.00	-25.00	0.00241
-70.00	-30.00	0.00240	-70.00	-40.00	0.00228
-70.00	-50.00	0.00209	-70.00	-60.00	0.00189
-70.00	-70.00	0.00170	-70.00	-80.00	0.00152
-70.00	-90.00	0.00135	-70.00	-100.00	0.00121
-60.00	100.00	0.00067	-60.00	90.00	0.00072
-60.00	80.00	0.00076	-60.00	70.00	0.00080
-60.00	60.00	0.00084	-60.00	50.00	0.00088
-60.00	40.00	0.00091	-60.00	30.00	0.00097
-60.00	25.00	0.00104	-60.00	20.00	0.00115
-60.00	17.00	0.00124	-60.00	15.00	0.00132
-60.00	13.00	0.00141	-60.00	11.00	0.00150
-60.00	9.00	0.00161	-60.00	-9.00	0.00270
-60.00	-11.00	0.00279	-60.00	-13.00	0.00285
-60.00	-15.00	0.00290	-60.00	-17.00	0.00293
-60.00	-20.00	0.00296	-60.00	-25.00	0.00294
-60.00	-30.00	0.00287	-60.00	-40.00	0.00265
-60.00	-50.00	0.00239	-60.00	-60.00	0.00213
-60.00	-70.00	0.00188	-60.00	-80.00	0.00165
-60.00	-90.00	0.00145	-60.00	-100.00	0.00128
-50.00	100.00	0.00086	-50.00	90.00	0.00094
-50.00	80.00	0.00102	-50.00	70.00	0.00112
-50.00	60.00	0.00123	-50.00	50.00	0.00135
-50.00	40.00	0.00147	-50.00	30.00	0.00158
-50.00	25.00	0.00164	-50.00	20.00	0.00168

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-50.00	17.00	0.00171	-50.00	15.00	0.00173
-50.00	13.00	0.00177	-50.00	11.00	0.00183
-50.00	9.00	0.00192	-50.00	-9.00	0.00368
-50.00	-11.00	0.00371	-50.00	-13.00	0.00372
-50.00	-15.00	0.00371	-50.00	-17.00	0.00370
-50.00	-20.00	0.00366	-50.00	-25.00	0.00355
-50.00	-30.00	0.00340	-50.00	-40.00	0.00305
-50.00	-50.00	0.00268	-50.00	-60.00	0.00233
-50.00	-70.00	0.00202	-50.00	-80.00	0.00175
-50.00	-90.00	0.00152	-50.00	-100.00	0.00133
-40.00	100.00	0.00106	-40.00	90.00	0.00118
-40.00	80.00	0.00131	-40.00	70.00	0.00148
-40.00	60.00	0.00168	-40.00	50.00	0.00193
-40.00	40.00	0.00224	-40.00	30.00	0.00263
-40.00	25.00	0.00287	-40.00	20.00	0.00314

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00332	-40.00	15.00	0.00346
-40.00	13.00	0.00361	-40.00	11.00	0.00379
-40.00	9.00	0.00403	-40.00	-9.00	0.00478
-40.00	-11.00	0.00465	-40.00	-13.00	0.00454
-40.00	-15.00	0.00445	-40.00	-17.00	0.00436
-40.00	-20.00	0.00423	-40.00	-25.00	0.00401
-40.00	-30.00	0.00377	-40.00	-40.00	0.00330
-40.00	-50.00	0.00285	-40.00	-60.00	0.00245
-40.00	-70.00	0.00210	-40.00	-80.00	0.00180
-40.00	-90.00	0.00155	-40.00	-100.00	0.00134
-30.00	100.00	0.00124	-30.00	90.00	0.00140
-30.00	80.00	0.00159	-30.00	70.00	0.00182
-30.00	60.00	0.00211	-30.00	50.00	0.00246
-30.00	40.00	0.00291	-30.00	30.00	0.00348
-30.00	25.00	0.00381	-30.00	20.00	0.00418
-30.00	17.00	0.00442	-30.00	15.00	0.00458
-30.00	13.00	0.00474	-30.00	11.00	0.00490
-30.00	9.00	0.00509	-30.00	-9.00	0.00502
-30.00	-11.00	0.00489	-30.00	-13.00	0.00479

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-30.00	-15.00	0.00470	-30.00	-17.00	0.00461
-30.00	-20.00	0.00447	-30.00	-25.00	0.00422
-30.00	-30.00	0.00395	-30.00	-40.00	0.00341
-30.00	-50.00	0.00292	-30.00	-60.00	0.00248
-30.00	-70.00	0.00211	-30.00	-80.00	0.00180
-30.00	-90.00	0.00154	-30.00	-100.00	0.00133
-20.00	100.00	0.00141	-20.00	90.00	0.00160
-20.00	80.00	0.00183	-20.00	70.00	0.00212
-20.00	60.00	0.00246	-20.00	50.00	0.00288
-20.00	40.00	0.00339	-20.00	30.00	0.00401
-20.00	25.00	0.00437	-20.00	20.00	0.00474
-20.00	17.00	0.00496	-20.00	15.00	0.00510
-20.00	13.00	0.00523	-20.00	11.00	0.00536
-20.00	9.00	0.00550	-20.00	-9.00	0.00507
-20.00	-11.00	0.00492	-20.00	-13.00	0.00481
-20.00	-15.00	0.00471	-20.00	-17.00	0.00461
-20.00	-20.00	0.00447	-20.00	-25.00	0.00423
-20.00	-30.00	0.00397	-20.00	-40.00	0.00343
-20.00	-50.00	0.00291	-20.00	-60.00	0.00245
-20.00	-70.00	0.00207	-20.00	-80.00	0.00175
-20.00	-90.00	0.00150	-20.00	-100.00	0.00129

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00154	-10.00	90.00	0.00176
-10.00	80.00	0.00203	-10.00	70.00	0.00234
-10.00	60.00	0.00272	-10.00	50.00	0.00317
-10.00	40.00	0.00371	-10.00	30.00	0.00434
-10.00	25.00	0.00468	-10.00	20.00	0.00502
-10.00	17.00	0.00521	-10.00	15.00	0.00533
-10.00	13.00	0.00544	-10.00	11.00	0.00555
-10.00	9.00	0.00566	-10.00	-9.00	0.00501
-10.00	-11.00	0.00486	-10.00	-13.00	0.00473
-10.00	-15.00	0.00461	-10.00	-17.00	0.00450
-10.00	-20.00	0.00434	-10.00	-25.00	0.00409
-10.00	-30.00	0.00383	-10.00	-40.00	0.00332
-10.00	-50.00	0.00282	-10.00	-60.00	0.00237

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-10.00	-70.00	0.00199	-10.00	-80.00	0.00168
-10.00	-90.00	0.00144	-10.00	-100.00	0.00124
0.00	100.00	0.00163	0.00	90.00	0.00187
0.00	80.00	0.00215	0.00	70.00	0.00249
0.00	60.00	0.00290	0.00	50.00	0.00337
0.00	40.00	0.00392	0.00	30.00	0.00453
0.00	25.00	0.00485	0.00	20.00	0.00516
0.00	17.00	0.00532	0.00	15.00	0.00542
0.00	13.00	0.00551	0.00	11.00	0.00559
0.00	9.00	0.00568	0.00	-9.00	0.00486
0.00	-11.00	0.00469	0.00	-13.00	0.00454
0.00	-15.00	0.00441	0.00	-17.00	0.00429
0.00	-20.00	0.00412	0.00	-25.00	0.00385
0.00	-30.00	0.00360	0.00	-40.00	0.00310
0.00	-50.00	0.00263	0.00	-60.00	0.00222
0.00	-70.00	0.00187	0.00	-80.00	0.00159
0.00	-90.00	0.00135	0.00	-100.00	0.00116
10.00	100.00	0.00166	10.00	90.00	0.00191
10.00	80.00	0.00221	10.00	70.00	0.00257
10.00	60.00	0.00299	10.00	50.00	0.00349
10.00	40.00	0.00404	10.00	30.00	0.00464
10.00	25.00	0.00494	10.00	20.00	0.00520
10.00	17.00	0.00534	10.00	15.00	0.00542
10.00	13.00	0.00549	10.00	11.00	0.00554
10.00	9.00	0.00561	10.00	-9.00	0.00459
10.00	-11.00	0.00439	10.00	-13.00	0.00423
10.00	-15.00	0.00409	10.00	-17.00	0.00397

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
 PAGE 73

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00379	10.00	-25.00	0.00351
10.00	-30.00	0.00326	10.00	-40.00	0.00278
10.00	-50.00	0.00237	10.00	-60.00	0.00201
10.00	-70.00	0.00171	10.00	-80.00	0.00146
10.00	-90.00	0.00125	10.00	-100.00	0.00107
20.00	100.00	0.00164	20.00	90.00	0.00188
20.00	80.00	0.00218	20.00	70.00	0.00255

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

20.00	60.00	0.00298	20.00	50.00	0.00349
20.00	40.00	0.00406	20.00	30.00	0.00467
20.00	25.00	0.00495	20.00	20.00	0.00519
20.00	17.00	0.00531	20.00	15.00	0.00536
20.00	13.00	0.00540	20.00	11.00	0.00543
20.00	9.00	0.00546	20.00	-9.00	0.00417
20.00	-11.00	0.00395	20.00	-13.00	0.00378
20.00	-15.00	0.00364	20.00	-17.00	0.00351
20.00	-20.00	0.00333	20.00	-25.00	0.00306
20.00	-30.00	0.00281	20.00	-40.00	0.00240
20.00	-50.00	0.00205	20.00	-60.00	0.00176
20.00	-70.00	0.00150	20.00	-80.00	0.00129
20.00	-90.00	0.00111	20.00	-100.00	0.00096
30.00	100.00	0.00156	30.00	90.00	0.00179
30.00	80.00	0.00207	30.00	70.00	0.00241
30.00	60.00	0.00282	30.00	50.00	0.00331
30.00	40.00	0.00390	30.00	30.00	0.00454
30.00	25.00	0.00485	30.00	20.00	0.00511
30.00	17.00	0.00522	30.00	15.00	0.00526
30.00	13.00	0.00528	30.00	11.00	0.00528
30.00	9.00	0.00528	30.00	-9.00	0.00355
30.00	-11.00	0.00332	30.00	-13.00	0.00314
30.00	-15.00	0.00300	30.00	-17.00	0.00287
30.00	-20.00	0.00271	30.00	-25.00	0.00248
30.00	-30.00	0.00229	30.00	-40.00	0.00196
30.00	-50.00	0.00168	30.00	-60.00	0.00145
30.00	-70.00	0.00126	30.00	-80.00	0.00109
30.00	-90.00	0.00095	30.00	-100.00	0.00084
40.00	100.00	0.00144	40.00	90.00	0.00164
40.00	80.00	0.00188	40.00	70.00	0.00216
40.00	60.00	0.00249	40.00	50.00	0.00290
40.00	40.00	0.00339	40.00	30.00	0.00396
40.00	25.00	0.00428	40.00	20.00	0.00459

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
 PAGE 74
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00475	40.00	15.00	0.00484

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

40.00	13.00	0.00491	40.00	11.00	0.00495
40.00	9.00	0.00497	40.00	-9.00	0.00253
40.00	-11.00	0.00235	40.00	-13.00	0.00222
40.00	-15.00	0.00212	40.00	-17.00	0.00204
40.00	-20.00	0.00194	40.00	-25.00	0.00180
40.00	-30.00	0.00168	40.00	-40.00	0.00147
40.00	-50.00	0.00130	40.00	-60.00	0.00115
40.00	-70.00	0.00102	40.00	-80.00	0.00091
40.00	-90.00	0.00081	40.00	-100.00	0.00072
50.00	100.00	0.00129	50.00	90.00	0.00145
50.00	80.00	0.00163	50.00	70.00	0.00184
50.00	60.00	0.00208	50.00	50.00	0.00235
50.00	40.00	0.00264	50.00	30.00	0.00292
50.00	25.00	0.00304	50.00	20.00	0.00311
50.00	17.00	0.00311	50.00	15.00	0.00308
50.00	13.00	0.00303	50.00	11.00	0.00294
50.00	9.00	0.00281	50.00	-9.00	0.00134
50.00	-11.00	0.00133	50.00	-13.00	0.00131
50.00	-15.00	0.00130	50.00	-17.00	0.00129
50.00	-20.00	0.00127	50.00	-25.00	0.00123
50.00	-30.00	0.00119	50.00	-40.00	0.00110
50.00	-50.00	0.00100	50.00	-60.00	0.00091
50.00	-70.00	0.00083	50.00	-80.00	0.00076
50.00	-90.00	0.00069	50.00	-100.00	0.00062
60.00	100.00	0.00114	60.00	90.00	0.00126
60.00	80.00	0.00139	60.00	70.00	0.00153
60.00	60.00	0.00169	60.00	50.00	0.00184
60.00	40.00	0.00198	60.00	30.00	0.00206
60.00	25.00	0.00206	60.00	20.00	0.00202
60.00	17.00	0.00196	60.00	15.00	0.00191
60.00	13.00	0.00184	60.00	11.00	0.00176
60.00	9.00	0.00167	60.00	-9.00	0.00098
60.00	-11.00	0.00096	60.00	-13.00	0.00094
60.00	-15.00	0.00092	60.00	-17.00	0.00090
60.00	-20.00	0.00089	60.00	-25.00	0.00088
60.00	-30.00	0.00086	60.00	-40.00	0.00083
60.00	-50.00	0.00079	60.00	-60.00	0.00073
60.00	-70.00	0.00068	60.00	-80.00	0.00063
60.00	-90.00	0.00058	60.00	-100.00	0.00054

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
70.00	100.00	0.00099	70.00	90.00	0.00108	
70.00	80.00	0.00117	70.00	70.00	0.00126	
70.00	60.00	0.00135	70.00	50.00	0.00143	
70.00	40.00	0.00149	70.00	30.00	0.00149	
70.00	25.00	0.00146	70.00	20.00	0.00140	
70.00	17.00	0.00135	70.00	15.00	0.00131	
70.00	13.00	0.00126	70.00	11.00	0.00121	
70.00	9.00	0.00115	70.00	-9.00	0.00078	
70.00	-11.00	0.00077	70.00	-13.00	0.00075	
70.00	-15.00	0.00074	70.00	-17.00	0.00072	
70.00	-20.00	0.00070	70.00	-25.00	0.00067	
70.00	-30.00	0.00065	70.00	-40.00	0.00063	
70.00	-50.00	0.00061	70.00	-60.00	0.00058	
70.00	-70.00	0.00056	70.00	-80.00	0.00053	
70.00	-90.00	0.00050	70.00	-100.00	0.00047	
80.00	100.00	0.00085	80.00	90.00	0.00091	
80.00	80.00	0.00097	80.00	70.00	0.00103	
80.00	60.00	0.00109	80.00	50.00	0.00113	
80.00	40.00	0.00114	80.00	30.00	0.00111	
80.00	25.00	0.00108	80.00	20.00	0.00103	
80.00	17.00	0.00099	80.00	15.00	0.00096	
80.00	13.00	0.00092	80.00	11.00	0.00089	
80.00	9.00	0.00086	80.00	-9.00	0.00063	
80.00	-11.00	0.00062	80.00	-13.00	0.00061	
80.00	-15.00	0.00061	80.00	-17.00	0.00060	
80.00	-20.00	0.00058	80.00	-25.00	0.00056	
80.00	-30.00	0.00053	80.00	-40.00	0.00049	
80.00	-50.00	0.00047	80.00	-60.00	0.00046	
80.00	-70.00	0.00045	80.00	-80.00	0.00043	
80.00	-90.00	0.00042	80.00	-100.00	0.00040	
90.00	100.00	0.00073	90.00	90.00	0.00077	
90.00	80.00	0.00082	90.00	70.00	0.00085	
90.00	60.00	0.00089	90.00	50.00	0.00090	
90.00	40.00	0.00089	90.00	30.00	0.00086	
90.00	25.00	0.00082	90.00	20.00	0.00078	
90.00	17.00	0.00075	90.00	15.00	0.00073	
90.00	13.00	0.00071	90.00	11.00	0.00069	
90.00	9.00	0.00066	90.00	-9.00	0.00052	
90.00	-11.00	0.00051	90.00	-13.00	0.00050	

90.00 -15.00 0.00050 90.00 -17.00 0.00049

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:
 PAGE 76

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00049	90.00	-25.00	0.00047
90.00	-30.00	0.00045	90.00	-40.00	0.00041
90.00	-50.00	0.00038	90.00	-60.00	0.00037
90.00	-70.00	0.00036	90.00	-80.00	0.00035
90.00	-90.00	0.00034	90.00	-100.00	0.00034
100.00	100.00	0.00063	100.00	90.00	0.00066
100.00	80.00	0.00069	100.00	70.00	0.00071
100.00	60.00	0.00072	100.00	50.00	0.00072
100.00	40.00	0.00071	100.00	30.00	0.00068
100.00	25.00	0.00065	100.00	20.00	0.00062
100.00	17.00	0.00060	100.00	15.00	0.00058
100.00	13.00	0.00057	100.00	11.00	0.00055
100.00	9.00	0.00053	100.00	-9.00	0.00043
100.00	-11.00	0.00043	100.00	-13.00	0.00042
100.00	-15.00	0.00042	100.00	-17.00	0.00041
100.00	-20.00	0.00041	100.00	-25.00	0.00040
100.00	-30.00	0.00039	100.00	-40.00	0.00035
100.00	-50.00	0.00032	100.00	-60.00	0.00030
100.00	-70.00	0.00029	100.00	-80.00	0.00029
100.00	-90.00	0.00028	100.00	-100.00	0.00028
110.00	100.00	0.00055	110.00	90.00	0.00057
110.00	80.00	0.00059	110.00	70.00	0.00060
110.00	60.00	0.00060	110.00	50.00	0.00060
110.00	40.00	0.00058	110.00	30.00	0.00055
110.00	25.00	0.00053	110.00	20.00	0.00050
110.00	17.00	0.00048	110.00	15.00	0.00047
110.00	13.00	0.00046	110.00	11.00	0.00045
110.00	9.00	0.00044	110.00	-9.00	0.00037
110.00	-11.00	0.00036	110.00	-13.00	0.00036
110.00	-15.00	0.00035	110.00	-17.00	0.00035
110.00	-20.00	0.00034	110.00	-25.00	0.00034
110.00	-30.00	0.00033	110.00	-40.00	0.00031
110.00	-50.00	0.00028	110.00	-60.00	0.00026

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

110.00	-70.00	0.00025	110.00	-80.00	0.00024
110.00	-90.00	0.00023	110.00	-100.00	0.00023
120.00	100.00	0.00048	120.00	90.00	0.00049
120.00	80.00	0.00050	120.00	70.00	0.00050
120.00	60.00	0.00050	120.00	50.00	0.00050
120.00	40.00	0.00048	120.00	30.00	0.00045
120.00	25.00	0.00043	120.00	20.00	0.00041

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:
 PAGE 77

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00040	120.00	15.00	0.00039
120.00	13.00	0.00038	120.00	11.00	0.00037
120.00	9.00	0.00037	120.00	-9.00	0.00031
120.00	-11.00	0.00031	120.00	-13.00	0.00031
120.00	-15.00	0.00030	120.00	-17.00	0.00030
120.00	-20.00	0.00029	120.00	-25.00	0.00029
120.00	-30.00	0.00029	120.00	-40.00	0.00028
120.00	-50.00	0.00025	120.00	-60.00	0.00023
120.00	-70.00	0.00021	120.00	-80.00	0.00020
120.00	-90.00	0.00020	120.00	-100.00	0.00020
130.00	100.00	0.00042	130.00	90.00	0.00042
130.00	80.00	0.00043	130.00	70.00	0.00043
130.00	60.00	0.00043	130.00	50.00	0.00042
130.00	40.00	0.00040	130.00	30.00	0.00038
130.00	25.00	0.00036	130.00	20.00	0.00035
130.00	17.00	0.00034	130.00	15.00	0.00033
130.00	13.00	0.00032	130.00	11.00	0.00032
130.00	9.00	0.00031	130.00	-9.00	0.00027
130.00	-11.00	0.00027	130.00	-13.00	0.00027
130.00	-15.00	0.00026	130.00	-17.00	0.00026
130.00	-20.00	0.00026	130.00	-25.00	0.00025
130.00	-30.00	0.00025	130.00	-40.00	0.00024
130.00	-50.00	0.00023	130.00	-60.00	0.00021
130.00	-70.00	0.00019	130.00	-80.00	0.00018
130.00	-90.00	0.00017	130.00	-100.00	0.00017
140.00	100.00	0.00037	140.00	90.00	0.00037
140.00	80.00	0.00037	140.00	70.00	0.00037

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

140.00	60.00	0.00037	140.00	50.00	0.00036
140.00	40.00	0.00034	140.00	30.00	0.00032
140.00	25.00	0.00031	140.00	20.00	0.00030
140.00	17.00	0.00029	140.00	15.00	0.00028
140.00	13.00	0.00028	140.00	11.00	0.00027
140.00	9.00	0.00027	140.00	-9.00	0.00024
140.00	-11.00	0.00023	140.00	-13.00	0.00023
140.00	-15.00	0.00023	140.00	-17.00	0.00023
140.00	-20.00	0.00022	140.00	-25.00	0.00022
140.00	-30.00	0.00022	140.00	-40.00	0.00021
140.00	-50.00	0.00021	140.00	-60.00	0.00019
140.00	-70.00	0.00017	140.00	-80.00	0.00016
140.00	-90.00	0.00015	140.00	-100.00	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:
 PAGE 78

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00032	150.00	90.00	0.00032
150.00	80.00	0.00033	150.00	70.00	0.00032
150.00	60.00	0.00032	150.00	50.00	0.00031
150.00	40.00	0.00029	150.00	30.00	0.00028
150.00	25.00	0.00027	150.00	20.00	0.00026
150.00	17.00	0.00025	150.00	15.00	0.00024
150.00	13.00	0.00024	150.00	11.00	0.00024
150.00	9.00	0.00023	150.00	-9.00	0.00021
150.00	-11.00	0.00021	150.00	-13.00	0.00020
150.00	-15.00	0.00020	150.00	-17.00	0.00020
150.00	-20.00	0.00020	150.00	-25.00	0.00019
150.00	-30.00	0.00019	150.00	-40.00	0.00019
150.00	-50.00	0.00018	150.00	-60.00	0.00017
150.00	-70.00	0.00016	150.00	-80.00	0.00015
150.00	-90.00	0.00014	150.00	-100.00	0.00013
160.00	100.00	0.00029	160.00	90.00	0.00029
160.00	80.00	0.00029	160.00	70.00	0.00028
160.00	60.00	0.00028	160.00	50.00	0.00027
160.00	40.00	0.00025	160.00	30.00	0.00024
160.00	25.00	0.00023	160.00	20.00	0.00022
160.00	17.00	0.00022	160.00	15.00	0.00021

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

160.00	13.00	0.00021	160.00	11.00	0.00021
160.00	9.00	0.00020	160.00	-9.00	0.00019
160.00	-11.00	0.00018	160.00	-13.00	0.00018
160.00	-15.00	0.00018	160.00	-17.00	0.00018
160.00	-20.00	0.00018	160.00	-25.00	0.00017
160.00	-30.00	0.00017	160.00	-40.00	0.00017
160.00	-50.00	0.00017	160.00	-60.00	0.00016
160.00	-70.00	0.00015	160.00	-80.00	0.00014
160.00	-90.00	0.00013	160.00	-100.00	0.00012
170.00	100.00	0.00025	170.00	90.00	0.00026
170.00	80.00	0.00025	170.00	70.00	0.00025
170.00	60.00	0.00024	170.00	50.00	0.00023
170.00	40.00	0.00022	170.00	30.00	0.00021
170.00	25.00	0.00020	170.00	20.00	0.00020
170.00	17.00	0.00019	170.00	15.00	0.00019
170.00	13.00	0.00019	170.00	11.00	0.00018
170.00	9.00	0.00018	170.00	-9.00	0.00017
170.00	-11.00	0.00016	170.00	-13.00	0.00016
170.00	-15.00	0.00016	170.00	-17.00	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
 PAGE 79

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00016	170.00	-25.00	0.00015
170.00	-30.00	0.00015	170.00	-40.00	0.00015
170.00	-50.00	0.00015	170.00	-60.00	0.00014
170.00	-70.00	0.00014	170.00	-80.00	0.00013
170.00	-90.00	0.00012	170.00	-100.00	0.00011
180.00	100.00	0.00023	180.00	90.00	0.00023
180.00	80.00	0.00023	180.00	70.00	0.00022
180.00	60.00	0.00021	180.00	50.00	0.00021
180.00	40.00	0.00020	180.00	30.00	0.00019
180.00	25.00	0.00018	180.00	20.00	0.00017
180.00	17.00	0.00017	180.00	15.00	0.00017
180.00	13.00	0.00017	180.00	11.00	0.00016
180.00	9.00	0.00016	180.00	-9.00	0.00015
180.00	-11.00	0.00015	180.00	-13.00	0.00015
180.00	-15.00	0.00015	180.00	-17.00	0.00014

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

180.00	-20.00	0.00014	180.00	-25.00	0.00014
180.00	-30.00	0.00014	180.00	-40.00	0.00013
180.00	-50.00	0.00013	180.00	-60.00	0.00013
180.00	-70.00	0.00013	180.00	-80.00	0.00012
180.00	-90.00	0.00011	180.00	-100.00	0.00010
190.00	100.00	0.00021	190.00	90.00	0.00020
190.00	80.00	0.00020	190.00	70.00	0.00020
190.00	60.00	0.00019	190.00	50.00	0.00018
190.00	40.00	0.00018	190.00	30.00	0.00017
190.00	25.00	0.00016	190.00	20.00	0.00016
190.00	17.00	0.00015	190.00	15.00	0.00015
190.00	13.00	0.00015	190.00	11.00	0.00015
190.00	9.00	0.00015	190.00	-9.00	0.00013
190.00	-11.00	0.00013	190.00	-13.00	0.00013
190.00	-15.00	0.00013	190.00	-17.00	0.00013
190.00	-20.00	0.00013	190.00	-25.00	0.00013
190.00	-30.00	0.00012	190.00	-40.00	0.00012
190.00	-50.00	0.00012	190.00	-60.00	0.00012
190.00	-70.00	0.00012	190.00	-80.00	0.00011
190.00	-90.00	0.00010	190.00	-100.00	0.00010
200.00	100.00	0.00019	200.00	90.00	0.00018
200.00	80.00	0.00018	200.00	70.00	0.00018
200.00	60.00	0.00017	200.00	50.00	0.00016
200.00	40.00	0.00016	200.00	30.00	0.00015
200.00	25.00	0.00014	200.00	20.00	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
 PAGE 80

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00014	200.00	15.00	0.00014
200.00	13.00	0.00013	200.00	11.00	0.00013
200.00	9.00	0.00013	200.00	-9.00	0.00012
200.00	-11.00	0.00012	200.00	-13.00	0.00012
200.00	-15.00	0.00012	200.00	-17.00	0.00012
200.00	-20.00	0.00012	200.00	-25.00	0.00012
200.00	-30.00	0.00011	200.00	-40.00	0.00011
200.00	-50.00	0.00011	200.00	-60.00	0.00011
200.00	-70.00	0.00011	200.00	-80.00	0.00010

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

200.00	-90.00	0.00010	200.00	-100.00	0.00009
210.00	100.00	0.00017	210.00	90.00	0.00017
210.00	80.00	0.00016	210.00	70.00	0.00016
210.00	60.00	0.00015	210.00	50.00	0.00015
210.00	40.00	0.00014	210.00	30.00	0.00013
210.00	25.00	0.00013	210.00	20.00	0.00013
210.00	17.00	0.00012	210.00	15.00	0.00012
210.00	13.00	0.00012	210.00	11.00	0.00012
210.00	9.00	0.00012	210.00	-9.00	0.00011
210.00	-11.00	0.00011	210.00	-13.00	0.00011
210.00	-15.00	0.00011	210.00	-17.00	0.00011
210.00	-20.00	0.00011	210.00	-25.00	0.00011
210.00	-30.00	0.00010	210.00	-40.00	0.00010
210.00	-50.00	0.00010	210.00	-60.00	0.00010
210.00	-70.00	0.00010	210.00	-80.00	0.00010
210.00	-90.00	0.00009	210.00	-100.00	0.00009
220.00	100.00	0.00015	220.00	90.00	0.00015
220.00	80.00	0.00015	220.00	70.00	0.00014
220.00	60.00	0.00014	220.00	50.00	0.00013
220.00	40.00	0.00013	220.00	30.00	0.00012
220.00	25.00	0.00012	220.00	20.00	0.00011
220.00	17.00	0.00011	220.00	15.00	0.00011
220.00	13.00	0.00011	220.00	11.00	0.00011
220.00	9.00	0.00011	220.00	-9.00	0.00010
220.00	-11.00	0.00010	220.00	-13.00	0.00010
220.00	-15.00	0.00010	220.00	-17.00	0.00010
220.00	-20.00	0.00010	220.00	-25.00	0.00010
220.00	-30.00	0.00010	220.00	-40.00	0.00009
220.00	-50.00	0.00009	220.00	-60.00	0.00009
220.00	-70.00	0.00009	220.00	-80.00	0.00009
220.00	-90.00	0.00009	220.00	-100.00	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00014	230.00	90.00	0.00014
230.00	80.00	0.00013	230.00	70.00	0.00013
230.00	60.00	0.00013	230.00	50.00	0.00012

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

230.00	40.00	0.00012	230.00	30.00	0.00011
230.00	25.00	0.00011	230.00	20.00	0.00010
230.00	17.00	0.00010	230.00	15.00	0.00010
230.00	13.00	0.00010	230.00	11.00	0.00010
230.00	9.00	0.00010	230.00	-9.00	0.00009
230.00	-11.00	0.00009	230.00	-13.00	0.00009
230.00	-15.00	0.00009	230.00	-17.00	0.00009
230.00	-20.00	0.00009	230.00	-25.00	0.00009
230.00	-30.00	0.00009	230.00	-40.00	0.00009
230.00	-50.00	0.00008	230.00	-60.00	0.00008
230.00	-70.00	0.00008	230.00	-80.00	0.00008
230.00	-90.00	0.00008	230.00	-100.00	0.00008
240.00	100.00	0.00013	240.00	90.00	0.00012
240.00	80.00	0.00012	240.00	70.00	0.00012
240.00	60.00	0.00012	240.00	50.00	0.00011
240.00	40.00	0.00011	240.00	30.00	0.00010
240.00	25.00	0.00010	240.00	20.00	0.00010
240.00	17.00	0.00009	240.00	15.00	0.00009
240.00	13.00	0.00009	240.00	11.00	0.00009
240.00	9.00	0.00009	240.00	-9.00	0.00009
240.00	-11.00	0.00009	240.00	-13.00	0.00009
240.00	-15.00	0.00009	240.00	-17.00	0.00009
240.00	-20.00	0.00008	240.00	-25.00	0.00008
240.00	-30.00	0.00008	240.00	-40.00	0.00008
240.00	-50.00	0.00008	240.00	-60.00	0.00008
240.00	-70.00	0.00008	240.00	-80.00	0.00008
240.00	-90.00	0.00008	240.00	-100.00	0.00007
250.00	100.00	0.00012	250.00	90.00	0.00011
250.00	80.00	0.00011	250.00	70.00	0.00011
250.00	60.00	0.00011	250.00	50.00	0.00010
250.00	40.00	0.00010	250.00	30.00	0.00009
250.00	25.00	0.00009	250.00	20.00	0.00009
250.00	17.00	0.00009	250.00	15.00	0.00009
250.00	13.00	0.00009	250.00	11.00	0.00009
250.00	9.00	0.00008	250.00	-9.00	0.00008
250.00	-11.00	0.00008	250.00	-13.00	0.00008
250.00	-15.00	0.00008	250.00	-17.00	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

07NCRA_NAPA95-300 DPM TRAV ANN E-W Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00008	250.00	-25.00	0.00008
250.00	-30.00	0.00008	250.00	-40.00	0.00007
250.00	-50.00	0.00007	250.00	-60.00	0.00007
250.00	-70.00	0.00007	250.00	-80.00	0.00007
250.00	-90.00	0.00007	250.00	-100.00	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
 PAGE 83
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00014	-250.00	90.00	0.00016
-250.00	80.00	0.00018	-250.00	70.00	0.00020
-250.00	60.00	0.00023	-250.00	50.00	0.00027
-250.00	40.00	0.00031	-250.00	30.00	0.00034
-250.00	25.00	0.00036	-250.00	20.00	0.00037
-250.00	17.00	0.00038	-250.00	15.00	0.00039
-250.00	13.00	0.00040	-250.00	11.00	0.00040
-250.00	9.00	0.00041	-250.00	-9.00	0.00047
-250.00	-11.00	0.00047	-250.00	-13.00	0.00048
-250.00	-15.00	0.00049	-250.00	-17.00	0.00049
-250.00	-20.00	0.00050	-250.00	-25.00	0.00052
-250.00	-30.00	0.00054	-250.00	-40.00	0.00057
-250.00	-50.00	0.00059	-250.00	-60.00	0.00060
-250.00	-70.00	0.00059	-250.00	-80.00	0.00058
-250.00	-90.00	0.00056	-250.00	-100.00	0.00055
-240.00	100.00	0.00015	-240.00	90.00	0.00016
-240.00	80.00	0.00018	-240.00	70.00	0.00021
-240.00	60.00	0.00025	-240.00	50.00	0.00029
-240.00	40.00	0.00033	-240.00	30.00	0.00038
-240.00	25.00	0.00040	-240.00	20.00	0.00042
-240.00	17.00	0.00043	-240.00	15.00	0.00044
-240.00	13.00	0.00044	-240.00	11.00	0.00045
-240.00	9.00	0.00046	-240.00	-9.00	0.00053
-240.00	-11.00	0.00054	-240.00	-13.00	0.00054
-240.00	-15.00	0.00055	-240.00	-17.00	0.00056
-240.00	-20.00	0.00057	-240.00	-25.00	0.00059

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-240.00	-30.00	0.00061	-240.00	-40.00	0.00065
-240.00	-50.00	0.00067	-240.00	-60.00	0.00067
-240.00	-70.00	0.00066	-240.00	-80.00	0.00064
-240.00	-90.00	0.00062	-240.00	-100.00	0.00060
-230.00	100.00	0.00016	-230.00	90.00	0.00017
-230.00	80.00	0.00020	-230.00	70.00	0.00022
-230.00	60.00	0.00026	-230.00	50.00	0.00031
-230.00	40.00	0.00036	-230.00	30.00	0.00042
-230.00	25.00	0.00044	-230.00	20.00	0.00046
-230.00	17.00	0.00048	-230.00	15.00	0.00049
-230.00	13.00	0.00050	-230.00	11.00	0.00051
-230.00	9.00	0.00052	-230.00	-9.00	0.00060
-230.00	-11.00	0.00061	-230.00	-13.00	0.00062
-230.00	-15.00	0.00063	-230.00	-17.00	0.00064

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00065	-230.00	-25.00	0.00068
-230.00	-30.00	0.00071	-230.00	-40.00	0.00075
-230.00	-50.00	0.00076	-230.00	-60.00	0.00075
-230.00	-70.00	0.00074	-230.00	-80.00	0.00072
-230.00	-90.00	0.00069	-230.00	-100.00	0.00067
-220.00	100.00	0.00017	-220.00	90.00	0.00019
-220.00	80.00	0.00021	-220.00	70.00	0.00024
-220.00	60.00	0.00027	-220.00	50.00	0.00033
-220.00	40.00	0.00039	-220.00	30.00	0.00046
-220.00	25.00	0.00049	-220.00	20.00	0.00052
-220.00	17.00	0.00054	-220.00	15.00	0.00055
-220.00	13.00	0.00056	-220.00	11.00	0.00058
-220.00	9.00	0.00059	-220.00	-9.00	0.00069
-220.00	-11.00	0.00070	-220.00	-13.00	0.00072
-220.00	-15.00	0.00073	-220.00	-17.00	0.00074
-220.00	-20.00	0.00076	-220.00	-25.00	0.00079
-220.00	-30.00	0.00082	-220.00	-40.00	0.00086
-220.00	-50.00	0.00087	-220.00	-60.00	0.00085
-220.00	-70.00	0.00083	-220.00	-80.00	0.00080
-220.00	-90.00	0.00077	-220.00	-100.00	0.00073

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-210.00	100.00	0.00019	-210.00	90.00	0.00020
-210.00	80.00	0.00022	-210.00	70.00	0.00025
-210.00	60.00	0.00029	-210.00	50.00	0.00035
-210.00	40.00	0.00042	-210.00	30.00	0.00050
-210.00	25.00	0.00055	-210.00	20.00	0.00059
-210.00	17.00	0.00061	-210.00	15.00	0.00062
-210.00	13.00	0.00064	-210.00	11.00	0.00066
-210.00	9.00	0.00067	-210.00	-9.00	0.00080
-210.00	-11.00	0.00082	-210.00	-13.00	0.00083
-210.00	-15.00	0.00085	-210.00	-17.00	0.00087
-210.00	-20.00	0.00089	-210.00	-25.00	0.00093
-210.00	-30.00	0.00097	-210.00	-40.00	0.00100
-210.00	-50.00	0.00100	-210.00	-60.00	0.00097
-210.00	-70.00	0.00094	-210.00	-80.00	0.00090
-210.00	-90.00	0.00085	-210.00	-100.00	0.00080
-200.00	100.00	0.00021	-200.00	90.00	0.00022
-200.00	80.00	0.00024	-200.00	70.00	0.00027
-200.00	60.00	0.00031	-200.00	50.00	0.00037
-200.00	40.00	0.00045	-200.00	30.00	0.00055
-200.00	25.00	0.00061	-200.00	20.00	0.00066

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTS:
 PAGE 85

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00069	-200.00	15.00	0.00071
-200.00	13.00	0.00073	-200.00	11.00	0.00075
-200.00	9.00	0.00077	-200.00	-9.00	0.00095
-200.00	-11.00	0.00097	-200.00	-13.00	0.00099
-200.00	-15.00	0.00101	-200.00	-17.00	0.00103
-200.00	-20.00	0.00106	-200.00	-25.00	0.00111
-200.00	-30.00	0.00114	-200.00	-40.00	0.00117
-200.00	-50.00	0.00115	-200.00	-60.00	0.00112
-200.00	-70.00	0.00107	-200.00	-80.00	0.00101
-200.00	-90.00	0.00095	-200.00	-100.00	0.00088
-190.00	100.00	0.00025	-190.00	90.00	0.00026
-190.00	80.00	0.00028	-190.00	70.00	0.00030
-190.00	60.00	0.00034	-190.00	50.00	0.00040
-190.00	40.00	0.00049	-190.00	30.00	0.00061

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-190.00	25.00	0.00068	-190.00	20.00	0.00075
-190.00	17.00	0.00079	-190.00	15.00	0.00082
-190.00	13.00	0.00084	-190.00	11.00	0.00087
-190.00	9.00	0.00089	-190.00	-9.00	0.00113
-190.00	-11.00	0.00115	-190.00	-13.00	0.00118
-190.00	-15.00	0.00121	-190.00	-17.00	0.00124
-190.00	-20.00	0.00128	-190.00	-25.00	0.00133
-190.00	-30.00	0.00136	-190.00	-40.00	0.00137
-190.00	-50.00	0.00134	-190.00	-60.00	0.00128
-190.00	-70.00	0.00121	-190.00	-80.00	0.00113
-190.00	-90.00	0.00104	-190.00	-100.00	0.00096
-180.00	100.00	0.00031	-180.00	90.00	0.00032
-180.00	80.00	0.00033	-180.00	70.00	0.00035
-180.00	60.00	0.00038	-180.00	50.00	0.00043
-180.00	40.00	0.00053	-180.00	30.00	0.00066
-180.00	25.00	0.00074	-180.00	20.00	0.00084
-180.00	17.00	0.00090	-180.00	15.00	0.00093
-180.00	13.00	0.00097	-180.00	11.00	0.00101
-180.00	9.00	0.00104	-180.00	-9.00	0.00136
-180.00	-11.00	0.00140	-180.00	-13.00	0.00144
-180.00	-15.00	0.00148	-180.00	-17.00	0.00152
-180.00	-20.00	0.00156	-180.00	-25.00	0.00161
-180.00	-30.00	0.00163	-180.00	-40.00	0.00163
-180.00	-50.00	0.00156	-180.00	-60.00	0.00147
-180.00	-70.00	0.00136	-180.00	-80.00	0.00125
-180.00	-90.00	0.00114	-180.00	-100.00	0.00104

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTS:
 PAGE 86

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00040	-170.00	90.00	0.00040
-170.00	80.00	0.00041	-170.00	70.00	0.00043
-170.00	60.00	0.00045	-170.00	50.00	0.00049
-170.00	40.00	0.00057	-170.00	30.00	0.00072
-170.00	25.00	0.00081	-170.00	20.00	0.00093
-170.00	17.00	0.00101	-170.00	15.00	0.00106
-170.00	13.00	0.00111	-170.00	11.00	0.00117
-170.00	9.00	0.00122	-170.00	-9.00	0.00168

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-170.00	-11.00	0.00173	-170.00	-13.00	0.00178
-170.00	-15.00	0.00183	-170.00	-17.00	0.00187
-170.00	-20.00	0.00192	-170.00	-25.00	0.00196
-170.00	-30.00	0.00198	-170.00	-40.00	0.00193
-170.00	-50.00	0.00182	-170.00	-60.00	0.00167
-170.00	-70.00	0.00152	-170.00	-80.00	0.00138
-170.00	-90.00	0.00124	-170.00	-100.00	0.00112
-160.00	100.00	0.00052	-160.00	90.00	0.00054
-160.00	80.00	0.00055	-160.00	70.00	0.00057
-160.00	60.00	0.00059	-160.00	50.00	0.00061
-160.00	40.00	0.00067	-160.00	30.00	0.00079
-160.00	25.00	0.00089	-160.00	20.00	0.00102
-160.00	17.00	0.00112	-160.00	15.00	0.00119
-160.00	13.00	0.00126	-160.00	11.00	0.00133
-160.00	9.00	0.00141	-160.00	-9.00	0.00210
-160.00	-11.00	0.00217	-160.00	-13.00	0.00224
-160.00	-15.00	0.00229	-160.00	-17.00	0.00233
-160.00	-20.00	0.00237	-160.00	-25.00	0.00241
-160.00	-30.00	0.00240	-160.00	-40.00	0.00228
-160.00	-50.00	0.00209	-160.00	-60.00	0.00189
-160.00	-70.00	0.00170	-160.00	-80.00	0.00152
-160.00	-90.00	0.00135	-160.00	-100.00	0.00121
-150.00	100.00	0.00067	-150.00	90.00	0.00072
-150.00	80.00	0.00076	-150.00	70.00	0.00080
-150.00	60.00	0.00084	-150.00	50.00	0.00088
-150.00	40.00	0.00091	-150.00	30.00	0.00097
-150.00	25.00	0.00104	-150.00	20.00	0.00115
-150.00	17.00	0.00124	-150.00	15.00	0.00132
-150.00	13.00	0.00141	-150.00	11.00	0.00150
-150.00	9.00	0.00161	-150.00	-9.00	0.00270
-150.00	-11.00	0.00279	-150.00	-13.00	0.00285
-150.00	-15.00	0.00290	-150.00	-17.00	0.00293

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTS:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00296	-150.00	-25.00	0.00294
-150.00	-30.00	0.00287	-150.00	-40.00	0.00265

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-150.00	-50.00	0.00239	-150.00	-60.00	0.00213
-150.00	-70.00	0.00188	-150.00	-80.00	0.00165
-150.00	-90.00	0.00145	-150.00	-100.00	0.00128
-140.00	100.00	0.00086	-140.00	90.00	0.00094
-140.00	80.00	0.00102	-140.00	70.00	0.00112
-140.00	60.00	0.00123	-140.00	50.00	0.00135
-140.00	40.00	0.00147	-140.00	30.00	0.00158
-140.00	25.00	0.00164	-140.00	20.00	0.00168
-140.00	17.00	0.00171	-140.00	15.00	0.00173
-140.00	13.00	0.00177	-140.00	11.00	0.00183
-140.00	9.00	0.00192	-140.00	-9.00	0.00368
-140.00	-11.00	0.00371	-140.00	-13.00	0.00372
-140.00	-15.00	0.00371	-140.00	-17.00	0.00370
-140.00	-20.00	0.00366	-140.00	-25.00	0.00355
-140.00	-30.00	0.00340	-140.00	-40.00	0.00305
-140.00	-50.00	0.00268	-140.00	-60.00	0.00233
-140.00	-70.00	0.00202	-140.00	-80.00	0.00175
-140.00	-90.00	0.00152	-140.00	-100.00	0.00133
-130.00	100.00	0.00106	-130.00	90.00	0.00118
-130.00	80.00	0.00131	-130.00	70.00	0.00148
-130.00	60.00	0.00168	-130.00	50.00	0.00193
-130.00	40.00	0.00224	-130.00	30.00	0.00263
-130.00	25.00	0.00287	-130.00	20.00	0.00314
-130.00	17.00	0.00332	-130.00	15.00	0.00346
-130.00	13.00	0.00361	-130.00	11.00	0.00379
-130.00	9.00	0.00403	-130.00	-9.00	0.00478
-130.00	-11.00	0.00465	-130.00	-13.00	0.00454
-130.00	-15.00	0.00445	-130.00	-17.00	0.00436
-130.00	-20.00	0.00423	-130.00	-25.00	0.00401
-130.00	-30.00	0.00377	-130.00	-40.00	0.00330
-130.00	-50.00	0.00285	-130.00	-60.00	0.00245
-130.00	-70.00	0.00210	-130.00	-80.00	0.00180
-130.00	-90.00	0.00155	-130.00	-100.00	0.00134
-120.00	100.00	0.00124	-120.00	90.00	0.00140
-120.00	80.00	0.00159	-120.00	70.00	0.00182
-120.00	60.00	0.00211	-120.00	50.00	0.00246
-120.00	40.00	0.00291	-120.00	30.00	0.00348
-120.00	25.00	0.00381	-120.00	20.00	0.00418

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

07NCRA NAPA95-300_DPM_TRAV ANN E-W Bound
 INCLUDING SOURCE(S) : NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-120.00	17.00	0.00442	-120.00	15.00	0.00458	
-120.00	13.00	0.00474	-120.00	11.00	0.00490	
-120.00	9.00	0.00509	-120.00	-9.00	0.00502	
-120.00	-11.00	0.00489	-120.00	-13.00	0.00479	
-120.00	-15.00	0.00470	-120.00	-17.00	0.00461	
-120.00	-20.00	0.00447	-120.00	-25.00	0.00422	
-120.00	-30.00	0.00395	-120.00	-40.00	0.00341	
-120.00	-50.00	0.00292	-120.00	-60.00	0.00248	
-120.00	-70.00	0.00211	-120.00	-80.00	0.00180	
-120.00	-90.00	0.00154	-120.00	-100.00	0.00133	
-110.00	100.00	0.00141	-110.00	90.00	0.00160	
-110.00	80.00	0.00183	-110.00	70.00	0.00212	
-110.00	60.00	0.00246	-110.00	50.00	0.00288	
-110.00	40.00	0.00339	-110.00	30.00	0.00401	
-110.00	25.00	0.00437	-110.00	20.00	0.00474	
-110.00	17.00	0.00496	-110.00	15.00	0.00510	
-110.00	13.00	0.00523	-110.00	11.00	0.00536	
-110.00	9.00	0.00550	-110.00	-9.00	0.00507	
-110.00	-11.00	0.00492	-110.00	-13.00	0.00481	
-110.00	-15.00	0.00471	-110.00	-17.00	0.00461	
-110.00	-20.00	0.00447	-110.00	-25.00	0.00423	
-110.00	-30.00	0.00397	-110.00	-40.00	0.00343	
-110.00	-50.00	0.00291	-110.00	-60.00	0.00245	
-110.00	-70.00	0.00207	-110.00	-80.00	0.00175	
-110.00	-90.00	0.00150	-110.00	-100.00	0.00129	
-100.00	100.00	0.00154	-100.00	90.00	0.00176	
-100.00	80.00	0.00203	-100.00	70.00	0.00234	
-100.00	60.00	0.00272	-100.00	50.00	0.00317	
-100.00	40.00	0.00371	-100.00	30.00	0.00434	
-100.00	25.00	0.00468	-100.00	20.00	0.00502	
-100.00	17.00	0.00521	-100.00	15.00	0.00533	
-100.00	13.00	0.00544	-100.00	11.00	0.00555	
-100.00	9.00	0.00566	-100.00	-9.00	0.00501	
-100.00	-11.00	0.00486	-100.00	-13.00	0.00473	
-100.00	-15.00	0.00461	-100.00	-17.00	0.00450	
-100.00	-20.00	0.00434	-100.00	-25.00	0.00409	
-100.00	-30.00	0.00383	-100.00	-40.00	0.00332	
-100.00	-50.00	0.00282	-100.00	-60.00	0.00237	
-100.00	-70.00	0.00199	-100.00	-80.00	0.00168	
-100.00	-90.00	0.00144	-100.00	-100.00	0.00124	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

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**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00163	-90.00	90.00	0.00187
-90.00	80.00	0.00215	-90.00	70.00	0.00249
-90.00	60.00	0.00290	-90.00	50.00	0.00337
-90.00	40.00	0.00392	-90.00	30.00	0.00453
-90.00	25.00	0.00485	-90.00	20.00	0.00516
-90.00	17.00	0.00532	-90.00	15.00	0.00542
-90.00	13.00	0.00551	-90.00	11.00	0.00559
-90.00	9.00	0.00568	-90.00	-9.00	0.00486
-90.00	-11.00	0.00469	-90.00	-13.00	0.00454
-90.00	-15.00	0.00441	-90.00	-17.00	0.00429
-90.00	-20.00	0.00412	-90.00	-25.00	0.00385
-90.00	-30.00	0.00360	-90.00	-40.00	0.00310
-90.00	-50.00	0.00263	-90.00	-60.00	0.00222
-90.00	-70.00	0.00187	-90.00	-80.00	0.00159
-90.00	-90.00	0.00135	-90.00	-100.00	0.00116
-80.00	100.00	0.00166	-80.00	90.00	0.00191
-80.00	80.00	0.00221	-80.00	70.00	0.00257
-80.00	60.00	0.00299	-80.00	50.00	0.00349
-80.00	40.00	0.00404	-80.00	30.00	0.00464
-80.00	25.00	0.00494	-80.00	20.00	0.00520
-80.00	17.00	0.00534	-80.00	15.00	0.00542
-80.00	13.00	0.00549	-80.00	11.00	0.00554
-80.00	9.00	0.00561	-80.00	-9.00	0.00459
-80.00	-11.00	0.00439	-80.00	-13.00	0.00423
-80.00	-15.00	0.00409	-80.00	-17.00	0.00397
-80.00	-20.00	0.00379	-80.00	-25.00	0.00351
-80.00	-30.00	0.00326	-80.00	-40.00	0.00278
-80.00	-50.00	0.00237	-80.00	-60.00	0.00201
-80.00	-70.00	0.00171	-80.00	-80.00	0.00146
-80.00	-90.00	0.00125	-80.00	-100.00	0.00107
-70.00	100.00	0.00164	-70.00	90.00	0.00188
-70.00	80.00	0.00218	-70.00	70.00	0.00255
-70.00	60.00	0.00298	-70.00	50.00	0.00349
-70.00	40.00	0.00406	-70.00	30.00	0.00467

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-70.00	25.00	0.00495	-70.00	20.00	0.00519
-70.00	17.00	0.00531	-70.00	15.00	0.00536
-70.00	13.00	0.00540	-70.00	11.00	0.00543
-70.00	9.00	0.00546	-70.00	-9.00	0.00417
-70.00	-11.00	0.00395	-70.00	-13.00	0.00378
-70.00	-15.00	0.00364	-70.00	-17.00	0.00351

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00333	-70.00	-25.00	0.00306
-70.00	-30.00	0.00281	-70.00	-40.00	0.00240
-70.00	-50.00	0.00205	-70.00	-60.00	0.00176
-70.00	-70.00	0.00150	-70.00	-80.00	0.00129
-70.00	-90.00	0.00111	-70.00	-100.00	0.00096
-60.00	100.00	0.00156	-60.00	90.00	0.00179
-60.00	80.00	0.00207	-60.00	70.00	0.00241
-60.00	60.00	0.00282	-60.00	50.00	0.00331
-60.00	40.00	0.00390	-60.00	30.00	0.00454
-60.00	25.00	0.00485	-60.00	20.00	0.00511
-60.00	17.00	0.00522	-60.00	15.00	0.00526
-60.00	13.00	0.00528	-60.00	11.00	0.00528
-60.00	9.00	0.00528	-60.00	-9.00	0.00355
-60.00	-11.00	0.00332	-60.00	-13.00	0.00314
-60.00	-15.00	0.00300	-60.00	-17.00	0.00287
-60.00	-20.00	0.00271	-60.00	-25.00	0.00248
-60.00	-30.00	0.00229	-60.00	-40.00	0.00196
-60.00	-50.00	0.00168	-60.00	-60.00	0.00145
-60.00	-70.00	0.00126	-60.00	-80.00	0.00109
-60.00	-90.00	0.00095	-60.00	-100.00	0.00084
-50.00	100.00	0.00144	-50.00	90.00	0.00164
-50.00	80.00	0.00188	-50.00	70.00	0.00216
-50.00	60.00	0.00249	-50.00	50.00	0.00290
-50.00	40.00	0.00339	-50.00	30.00	0.00396
-50.00	25.00	0.00428	-50.00	20.00	0.00459
-50.00	17.00	0.00475	-50.00	15.00	0.00484
-50.00	13.00	0.00491	-50.00	11.00	0.00495
-50.00	9.00	0.00497	-50.00	-9.00	0.00253

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-50.00	-11.00	0.00235	-50.00	-13.00	0.00222
-50.00	-15.00	0.00212	-50.00	-17.00	0.00204
-50.00	-20.00	0.00194	-50.00	-25.00	0.00180
-50.00	-30.00	0.00168	-50.00	-40.00	0.00147
-50.00	-50.00	0.00130	-50.00	-60.00	0.00115
-50.00	-70.00	0.00102	-50.00	-80.00	0.00091
-50.00	-90.00	0.00081	-50.00	-100.00	0.00072
-40.00	100.00	0.00129	-40.00	90.00	0.00145
-40.00	80.00	0.00163	-40.00	70.00	0.00184
-40.00	60.00	0.00208	-40.00	50.00	0.00235
-40.00	40.00	0.00264	-40.00	30.00	0.00292
-40.00	25.00	0.00304	-40.00	20.00	0.00311

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00311	-40.00	15.00	0.00308
-40.00	13.00	0.00303	-40.00	11.00	0.00294
-40.00	9.00	0.00281	-40.00	-9.00	0.00134
-40.00	-11.00	0.00133	-40.00	-13.00	0.00131
-40.00	-15.00	0.00130	-40.00	-17.00	0.00129
-40.00	-20.00	0.00127	-40.00	-25.00	0.00123
-40.00	-30.00	0.00119	-40.00	-40.00	0.00110
-40.00	-50.00	0.00100	-40.00	-60.00	0.00091
-40.00	-70.00	0.00083	-40.00	-80.00	0.00076
-40.00	-90.00	0.00069	-40.00	-100.00	0.00062
-30.00	100.00	0.00114	-30.00	90.00	0.00126
-30.00	80.00	0.00139	-30.00	70.00	0.00153
-30.00	60.00	0.00169	-30.00	50.00	0.00184
-30.00	40.00	0.00198	-30.00	30.00	0.00206
-30.00	25.00	0.00206	-30.00	20.00	0.00202
-30.00	17.00	0.00196	-30.00	15.00	0.00191
-30.00	13.00	0.00184	-30.00	11.00	0.00176
-30.00	9.00	0.00167	-30.00	-9.00	0.00098
-30.00	-11.00	0.00096	-30.00	-13.00	0.00094
-30.00	-15.00	0.00092	-30.00	-17.00	0.00090
-30.00	-20.00	0.00089	-30.00	-25.00	0.00088
-30.00	-30.00	0.00086	-30.00	-40.00	0.00083

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-30.00	-50.00	0.00079	-30.00	-60.00	0.00073
-30.00	-70.00	0.00068	-30.00	-80.00	0.00063
-30.00	-90.00	0.00058	-30.00	-100.00	0.00054
-20.00	100.00	0.00099	-20.00	90.00	0.00108
-20.00	80.00	0.00117	-20.00	70.00	0.00126
-20.00	60.00	0.00135	-20.00	50.00	0.00143
-20.00	40.00	0.00149	-20.00	30.00	0.00149
-20.00	25.00	0.00146	-20.00	20.00	0.00140
-20.00	17.00	0.00135	-20.00	15.00	0.00131
-20.00	13.00	0.00126	-20.00	11.00	0.00121
-20.00	9.00	0.00115	-20.00	-9.00	0.00078
-20.00	-11.00	0.00077	-20.00	-13.00	0.00075
-20.00	-15.00	0.00074	-20.00	-17.00	0.00072
-20.00	-20.00	0.00070	-20.00	-25.00	0.00067
-20.00	-30.00	0.00065	-20.00	-40.00	0.00063
-20.00	-50.00	0.00061	-20.00	-60.00	0.00058
-20.00	-70.00	0.00056	-20.00	-80.00	0.00053
-20.00	-90.00	0.00050	-20.00	-100.00	0.00047

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00085	-10.00	90.00	0.00091
-10.00	80.00	0.00097	-10.00	70.00	0.00103
-10.00	60.00	0.00109	-10.00	50.00	0.00113
-10.00	40.00	0.00114	-10.00	30.00	0.00111
-10.00	25.00	0.00108	-10.00	20.00	0.00103
-10.00	17.00	0.00099	-10.00	15.00	0.00096
-10.00	13.00	0.00092	-10.00	11.00	0.00089
-10.00	9.00	0.00086	-10.00	-9.00	0.00063
-10.00	-11.00	0.00062	-10.00	-13.00	0.00061
-10.00	-15.00	0.00061	-10.00	-17.00	0.00060
-10.00	-20.00	0.00058	-10.00	-25.00	0.00056
-10.00	-30.00	0.00053	-10.00	-40.00	0.00049
-10.00	-50.00	0.00047	-10.00	-60.00	0.00046
-10.00	-70.00	0.00045	-10.00	-80.00	0.00043
-10.00	-90.00	0.00042	-10.00	-100.00	0.00040
0.00	100.00	0.00073	0.00	90.00	0.00077

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

0.00	80.00	0.00082	0.00	70.00	0.00085
0.00	60.00	0.00089	0.00	50.00	0.00090
0.00	40.00	0.00089	0.00	30.00	0.00086
0.00	25.00	0.00082	0.00	20.00	0.00078
0.00	17.00	0.00075	0.00	15.00	0.00073
0.00	13.00	0.00071	0.00	11.00	0.00069
0.00	9.00	0.00066	0.00	-9.00	0.00052
0.00	-11.00	0.00051	0.00	-13.00	0.00050
0.00	-15.00	0.00050	0.00	-17.00	0.00049
0.00	-20.00	0.00049	0.00	-25.00	0.00047
0.00	-30.00	0.00045	0.00	-40.00	0.00041
0.00	-50.00	0.00038	0.00	-60.00	0.00037
0.00	-70.00	0.00036	0.00	-80.00	0.00035
0.00	-90.00	0.00034	0.00	-100.00	0.00034
10.00	100.00	0.00063	10.00	90.00	0.00066
10.00	80.00	0.00069	10.00	70.00	0.00071
10.00	60.00	0.00072	10.00	50.00	0.00072
10.00	40.00	0.00071	10.00	30.00	0.00068
10.00	25.00	0.00065	10.00	20.00	0.00062
10.00	17.00	0.00060	10.00	15.00	0.00058
10.00	13.00	0.00057	10.00	11.00	0.00055
10.00	9.00	0.00053	10.00	-9.00	0.00043
10.00	-11.00	0.00043	10.00	-13.00	0.00042
10.00	-15.00	0.00042	10.00	-17.00	0.00041

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
 PAGE 93
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00041	10.00	-25.00	0.00040
10.00	-30.00	0.00039	10.00	-40.00	0.00035
10.00	-50.00	0.00032	10.00	-60.00	0.00030
10.00	-70.00	0.00029	10.00	-80.00	0.00029
10.00	-90.00	0.00028	10.00	-100.00	0.00028
20.00	100.00	0.00055	20.00	90.00	0.00057
20.00	80.00	0.00059	20.00	70.00	0.00060
20.00	60.00	0.00060	20.00	50.00	0.00060
20.00	40.00	0.00058	20.00	30.00	0.00055
20.00	25.00	0.00053	20.00	20.00	0.00050

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

20.00	17.00	0.00048	20.00	15.00	0.00047
20.00	13.00	0.00046	20.00	11.00	0.00045
20.00	9.00	0.00044	20.00	-9.00	0.00037
20.00	-11.00	0.00036	20.00	-13.00	0.00036
20.00	-15.00	0.00035	20.00	-17.00	0.00035
20.00	-20.00	0.00034	20.00	-25.00	0.00034
20.00	-30.00	0.00033	20.00	-40.00	0.00031
20.00	-50.00	0.00028	20.00	-60.00	0.00026
20.00	-70.00	0.00025	20.00	-80.00	0.00024
20.00	-90.00	0.00023	20.00	-100.00	0.00023
30.00	100.00	0.00048	30.00	90.00	0.00049
30.00	80.00	0.00050	30.00	70.00	0.00050
30.00	60.00	0.00050	30.00	50.00	0.00050
30.00	40.00	0.00048	30.00	30.00	0.00045
30.00	25.00	0.00043	30.00	20.00	0.00041
30.00	17.00	0.00040	30.00	15.00	0.00039
30.00	13.00	0.00038	30.00	11.00	0.00037
30.00	9.00	0.00037	30.00	-9.00	0.00031
30.00	-11.00	0.00031	30.00	-13.00	0.00031
30.00	-15.00	0.00030	30.00	-17.00	0.00030
30.00	-20.00	0.00029	30.00	-25.00	0.00029
30.00	-30.00	0.00029	30.00	-40.00	0.00028
30.00	-50.00	0.00025	30.00	-60.00	0.00023
30.00	-70.00	0.00021	30.00	-80.00	0.00020
30.00	-90.00	0.00020	30.00	-100.00	0.00020
40.00	100.00	0.00042	40.00	90.00	0.00042
40.00	80.00	0.00043	40.00	70.00	0.00043
40.00	60.00	0.00043	40.00	50.00	0.00042
40.00	40.00	0.00040	40.00	30.00	0.00038
40.00	25.00	0.00036	40.00	20.00	0.00035

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00034	40.00	15.00	0.00033
40.00	13.00	0.00032	40.00	11.00	0.00032
40.00	9.00	0.00031	40.00	-9.00	0.00027
40.00	-11.00	0.00027	40.00	-13.00	0.00027

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

40.00	-15.00	0.00026	40.00	-17.00	0.00026
40.00	-20.00	0.00026	40.00	-25.00	0.00025
40.00	-30.00	0.00025	40.00	-40.00	0.00024
40.00	-50.00	0.00023	40.00	-60.00	0.00021
40.00	-70.00	0.00019	40.00	-80.00	0.00018
40.00	-90.00	0.00017	40.00	-100.00	0.00017
50.00	100.00	0.00037	50.00	90.00	0.00037
50.00	80.00	0.00037	50.00	70.00	0.00037
50.00	60.00	0.00037	50.00	50.00	0.00036
50.00	40.00	0.00034	50.00	30.00	0.00032
50.00	25.00	0.00031	50.00	20.00	0.00030
50.00	17.00	0.00029	50.00	15.00	0.00028
50.00	13.00	0.00028	50.00	11.00	0.00027
50.00	9.00	0.00027	50.00	-9.00	0.00024
50.00	-11.00	0.00023	50.00	-13.00	0.00023
50.00	-15.00	0.00023	50.00	-17.00	0.00023
50.00	-20.00	0.00022	50.00	-25.00	0.00022
50.00	-30.00	0.00022	50.00	-40.00	0.00021
50.00	-50.00	0.00021	50.00	-60.00	0.00019
50.00	-70.00	0.00017	50.00	-80.00	0.00016
50.00	-90.00	0.00015	50.00	-100.00	0.00015
60.00	100.00	0.00032	60.00	90.00	0.00032
60.00	80.00	0.00033	60.00	70.00	0.00032
60.00	60.00	0.00032	60.00	50.00	0.00031
60.00	40.00	0.00029	60.00	30.00	0.00028
60.00	25.00	0.00027	60.00	20.00	0.00026
60.00	17.00	0.00025	60.00	15.00	0.00024
60.00	13.00	0.00024	60.00	11.00	0.00024
60.00	9.00	0.00023	60.00	-9.00	0.00021
60.00	-11.00	0.00021	60.00	-13.00	0.00020
60.00	-15.00	0.00020	60.00	-17.00	0.00020
60.00	-20.00	0.00020	60.00	-25.00	0.00019
60.00	-30.00	0.00019	60.00	-40.00	0.00019
60.00	-50.00	0.00018	60.00	-60.00	0.00017
60.00	-70.00	0.00016	60.00	-80.00	0.00015
60.00	-90.00	0.00014	60.00	-100.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00029	70.00	90.00	0.00029
70.00	80.00	0.00029	70.00	70.00	0.00028
70.00	60.00	0.00028	70.00	50.00	0.00027
70.00	40.00	0.00025	70.00	30.00	0.00024
70.00	25.00	0.00023	70.00	20.00	0.00022
70.00	17.00	0.00022	70.00	15.00	0.00021
70.00	13.00	0.00021	70.00	11.00	0.00021
70.00	9.00	0.00020	70.00	-9.00	0.00019
70.00	-11.00	0.00018	70.00	-13.00	0.00018
70.00	-15.00	0.00018	70.00	-17.00	0.00018
70.00	-20.00	0.00018	70.00	-25.00	0.00017
70.00	-30.00	0.00017	70.00	-40.00	0.00017
70.00	-50.00	0.00017	70.00	-60.00	0.00016
70.00	-70.00	0.00015	70.00	-80.00	0.00014
70.00	-90.00	0.00013	70.00	-100.00	0.00012
80.00	100.00	0.00025	80.00	90.00	0.00026
80.00	80.00	0.00025	80.00	70.00	0.00025
80.00	60.00	0.00024	80.00	50.00	0.00023
80.00	40.00	0.00022	80.00	30.00	0.00021
80.00	25.00	0.00020	80.00	20.00	0.00020
80.00	17.00	0.00019	80.00	15.00	0.00019
80.00	13.00	0.00019	80.00	11.00	0.00018
80.00	9.00	0.00018	80.00	-9.00	0.00017
80.00	-11.00	0.00016	80.00	-13.00	0.00016
80.00	-15.00	0.00016	80.00	-17.00	0.00016
80.00	-20.00	0.00016	80.00	-25.00	0.00015
80.00	-30.00	0.00015	80.00	-40.00	0.00015
80.00	-50.00	0.00015	80.00	-60.00	0.00014
80.00	-70.00	0.00014	80.00	-80.00	0.00013
80.00	-90.00	0.00012	80.00	-100.00	0.00011
90.00	100.00	0.00023	90.00	90.00	0.00023
90.00	80.00	0.00023	90.00	70.00	0.00022
90.00	60.00	0.00021	90.00	50.00	0.00021
90.00	40.00	0.00020	90.00	30.00	0.00019
90.00	25.00	0.00018	90.00	20.00	0.00017
90.00	17.00	0.00017	90.00	15.00	0.00017
90.00	13.00	0.00017	90.00	11.00	0.00016
90.00	9.00	0.00016	90.00	-9.00	0.00015
90.00	-11.00	0.00015	90.00	-13.00	0.00015
90.00	-15.00	0.00015	90.00	-17.00	0.00014

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:14:39

**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00014	90.00	-25.00	0.00014
90.00	-30.00	0.00014	90.00	-40.00	0.00013
90.00	-50.00	0.00013	90.00	-60.00	0.00013
90.00	-70.00	0.00013	90.00	-80.00	0.00012
90.00	-90.00	0.00011	90.00	-100.00	0.00010
100.00	100.00	0.00021	100.00	90.00	0.00020
100.00	80.00	0.00020	100.00	70.00	0.00020
100.00	60.00	0.00019	100.00	50.00	0.00018
100.00	40.00	0.00018	100.00	30.00	0.00017
100.00	25.00	0.00016	100.00	20.00	0.00016
100.00	17.00	0.00015	100.00	15.00	0.00015
100.00	13.00	0.00015	100.00	11.00	0.00015
100.00	9.00	0.00015	100.00	-9.00	0.00013
100.00	-11.00	0.00013	100.00	-13.00	0.00013
100.00	-15.00	0.00013	100.00	-17.00	0.00013
100.00	-20.00	0.00013	100.00	-25.00	0.00013
100.00	-30.00	0.00012	100.00	-40.00	0.00012
100.00	-50.00	0.00012	100.00	-60.00	0.00012
100.00	-70.00	0.00012	100.00	-80.00	0.00011
100.00	-90.00	0.00010	100.00	-100.00	0.00010
110.00	100.00	0.00019	110.00	90.00	0.00018
110.00	80.00	0.00018	110.00	70.00	0.00018
110.00	60.00	0.00017	110.00	50.00	0.00016
110.00	40.00	0.00016	110.00	30.00	0.00015
110.00	25.00	0.00014	110.00	20.00	0.00014
110.00	17.00	0.00014	110.00	15.00	0.00014
110.00	13.00	0.00013	110.00	11.00	0.00013
110.00	9.00	0.00013	110.00	-9.00	0.00012
110.00	-11.00	0.00012	110.00	-13.00	0.00012
110.00	-15.00	0.00012	110.00	-17.00	0.00012
110.00	-20.00	0.00012	110.00	-25.00	0.00012
110.00	-30.00	0.00011	110.00	-40.00	0.00011
110.00	-50.00	0.00011	110.00	-60.00	0.00011
110.00	-70.00	0.00011	110.00	-80.00	0.00010
110.00	-90.00	0.00010	110.00	-100.00	0.00009
120.00	100.00	0.00017	120.00	90.00	0.00017

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

120.00	80.00	0.00016	120.00	70.00	0.00016
120.00	60.00	0.00015	120.00	50.00	0.00015
120.00	40.00	0.00014	120.00	30.00	0.00013
120.00	25.00	0.00013	120.00	20.00	0.00013

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00012	120.00	15.00	0.00012
120.00	13.00	0.00012	120.00	11.00	0.00012
120.00	9.00	0.00012	120.00	-9.00	0.00011
120.00	-11.00	0.00011	120.00	-13.00	0.00011
120.00	-15.00	0.00011	120.00	-17.00	0.00011
120.00	-20.00	0.00011	120.00	-25.00	0.00011
120.00	-30.00	0.00010	120.00	-40.00	0.00010
120.00	-50.00	0.00010	120.00	-60.00	0.00010
120.00	-70.00	0.00010	120.00	-80.00	0.00010
120.00	-90.00	0.00009	120.00	-100.00	0.00009
130.00	100.00	0.00015	130.00	90.00	0.00015
130.00	80.00	0.00015	130.00	70.00	0.00014
130.00	60.00	0.00014	130.00	50.00	0.00013
130.00	40.00	0.00013	130.00	30.00	0.00012
130.00	25.00	0.00012	130.00	20.00	0.00011
130.00	17.00	0.00011	130.00	15.00	0.00011
130.00	13.00	0.00011	130.00	11.00	0.00011
130.00	9.00	0.00011	130.00	-9.00	0.00010
130.00	-11.00	0.00010	130.00	-13.00	0.00010
130.00	-15.00	0.00010	130.00	-17.00	0.00010
130.00	-20.00	0.00010	130.00	-25.00	0.00010
130.00	-30.00	0.00010	130.00	-40.00	0.00009
130.00	-50.00	0.00009	130.00	-60.00	0.00009
130.00	-70.00	0.00009	130.00	-80.00	0.00009
130.00	-90.00	0.00009	130.00	-100.00	0.00008
140.00	100.00	0.00014	140.00	90.00	0.00014
140.00	80.00	0.00013	140.00	70.00	0.00013
140.00	60.00	0.00013	140.00	50.00	0.00012
140.00	40.00	0.00012	140.00	30.00	0.00011
140.00	25.00	0.00011	140.00	20.00	0.00010

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

140.00	17.00	0.00010	140.00	15.00	0.00010
140.00	13.00	0.00010	140.00	11.00	0.00010
140.00	9.00	0.00010	140.00	-9.00	0.00009
140.00	-11.00	0.00009	140.00	-13.00	0.00009
140.00	-15.00	0.00009	140.00	-17.00	0.00009
140.00	-20.00	0.00009	140.00	-25.00	0.00009
140.00	-30.00	0.00009	140.00	-40.00	0.00009
140.00	-50.00	0.00008	140.00	-60.00	0.00008
140.00	-70.00	0.00008	140.00	-80.00	0.00008
140.00	-90.00	0.00008	140.00	-100.00	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00013	150.00	90.00	0.00012
150.00	80.00	0.00012	150.00	70.00	0.00012
150.00	60.00	0.00012	150.00	50.00	0.00011
150.00	40.00	0.00011	150.00	30.00	0.00010
150.00	25.00	0.00010	150.00	20.00	0.00010
150.00	17.00	0.00009	150.00	15.00	0.00009
150.00	13.00	0.00009	150.00	11.00	0.00009
150.00	9.00	0.00009	150.00	-9.00	0.00009
150.00	-11.00	0.00009	150.00	-13.00	0.00009
150.00	-15.00	0.00009	150.00	-17.00	0.00009
150.00	-20.00	0.00008	150.00	-25.00	0.00008
150.00	-30.00	0.00008	150.00	-40.00	0.00008
150.00	-50.00	0.00008	150.00	-60.00	0.00008
150.00	-70.00	0.00008	150.00	-80.00	0.00008
150.00	-90.00	0.00008	150.00	-100.00	0.00007
160.00	100.00	0.00012	160.00	90.00	0.00011
160.00	80.00	0.00011	160.00	70.00	0.00011
160.00	60.00	0.00011	160.00	50.00	0.00010
160.00	40.00	0.00010	160.00	30.00	0.00009
160.00	25.00	0.00009	160.00	20.00	0.00009
160.00	17.00	0.00009	160.00	15.00	0.00009
160.00	13.00	0.00009	160.00	11.00	0.00009
160.00	9.00	0.00008	160.00	-9.00	0.00008
160.00	-11.00	0.00008	160.00	-13.00	0.00008

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

160.00	-15.00	0.00008	160.00	-17.00	0.00008
160.00	-20.00	0.00008	160.00	-25.00	0.00008
160.00	-30.00	0.00008	160.00	-40.00	0.00007
160.00	-50.00	0.00007	160.00	-60.00	0.00007
160.00	-70.00	0.00007	160.00	-80.00	0.00007
160.00	-90.00	0.00007	160.00	-100.00	0.00007
170.00	100.00	0.00011	170.00	90.00	0.00011
170.00	80.00	0.00010	170.00	70.00	0.00010
170.00	60.00	0.00010	170.00	50.00	0.00009
170.00	40.00	0.00009	170.00	30.00	0.00009
170.00	25.00	0.00008	170.00	20.00	0.00008
170.00	17.00	0.00008	170.00	15.00	0.00008
170.00	13.00	0.00008	170.00	11.00	0.00008
170.00	9.00	0.00008	170.00	-9.00	0.00007
170.00	-11.00	0.00007	170.00	-13.00	0.00007
170.00	-15.00	0.00007	170.00	-17.00	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00007	170.00	-25.00	0.00007
170.00	-30.00	0.00007	170.00	-40.00	0.00007
170.00	-50.00	0.00007	170.00	-60.00	0.00007
170.00	-70.00	0.00007	170.00	-80.00	0.00007
170.00	-90.00	0.00007	170.00	-100.00	0.00006
180.00	100.00	0.00010	180.00	90.00	0.00010
180.00	80.00	0.00010	180.00	70.00	0.00009
180.00	60.00	0.00009	180.00	50.00	0.00009
180.00	40.00	0.00008	180.00	30.00	0.00008
180.00	25.00	0.00008	180.00	20.00	0.00008
180.00	17.00	0.00008	180.00	15.00	0.00007
180.00	13.00	0.00007	180.00	11.00	0.00007
180.00	9.00	0.00007	180.00	-9.00	0.00007
180.00	-11.00	0.00007	180.00	-13.00	0.00007
180.00	-15.00	0.00007	180.00	-17.00	0.00007
180.00	-20.00	0.00007	180.00	-25.00	0.00007
180.00	-30.00	0.00007	180.00	-40.00	0.00006
180.00	-50.00	0.00006	180.00	-60.00	0.00006

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

180.00	-70.00	0.00006	180.00	-80.00	0.00006
180.00	-90.00	0.00006	180.00	-100.00	0.00006
190.00	100.00	0.00009	190.00	90.00	0.00009
190.00	80.00	0.00009	190.00	70.00	0.00009
190.00	60.00	0.00008	190.00	50.00	0.00008
190.00	40.00	0.00008	190.00	30.00	0.00007
190.00	25.00	0.00007	190.00	20.00	0.00007
190.00	17.00	0.00007	190.00	15.00	0.00007
190.00	13.00	0.00007	190.00	11.00	0.00007
190.00	9.00	0.00007	190.00	-9.00	0.00007
190.00	-11.00	0.00006	190.00	-13.00	0.00006
190.00	-15.00	0.00006	190.00	-17.00	0.00006
190.00	-20.00	0.00006	190.00	-25.00	0.00006
190.00	-30.00	0.00006	190.00	-40.00	0.00006
190.00	-50.00	0.00006	190.00	-60.00	0.00006
190.00	-70.00	0.00006	190.00	-80.00	0.00006
190.00	-90.00	0.00006	190.00	-100.00	0.00006
200.00	100.00	0.00009	200.00	90.00	0.00008
200.00	80.00	0.00008	200.00	70.00	0.00008
200.00	60.00	0.00008	200.00	50.00	0.00007
200.00	40.00	0.00007	200.00	30.00	0.00007
200.00	25.00	0.00007	200.00	20.00	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
 PAGE 100

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00007	200.00	15.00	0.00006
200.00	13.00	0.00006	200.00	11.00	0.00006
200.00	9.00	0.00006	200.00	-9.00	0.00006
200.00	-11.00	0.00006	200.00	-13.00	0.00006
200.00	-15.00	0.00006	200.00	-17.00	0.00006
200.00	-20.00	0.00006	200.00	-25.00	0.00006
200.00	-30.00	0.00006	200.00	-40.00	0.00006
200.00	-50.00	0.00006	200.00	-60.00	0.00005
200.00	-70.00	0.00005	200.00	-80.00	0.00005
200.00	-90.00	0.00005	200.00	-100.00	0.00005
210.00	100.00	0.00008	210.00	90.00	0.00008
210.00	80.00	0.00008	210.00	70.00	0.00007

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

210.00	60.00	0.00007	210.00	50.00	0.00007
210.00	40.00	0.00007	210.00	30.00	0.00006
210.00	25.00	0.00006	210.00	20.00	0.00006
210.00	17.00	0.00006	210.00	15.00	0.00006
210.00	13.00	0.00006	210.00	11.00	0.00006
210.00	9.00	0.00006	210.00	-9.00	0.00006
210.00	-11.00	0.00006	210.00	-13.00	0.00006
210.00	-15.00	0.00006	210.00	-17.00	0.00006
210.00	-20.00	0.00006	210.00	-25.00	0.00006
210.00	-30.00	0.00005	210.00	-40.00	0.00005
210.00	-50.00	0.00005	210.00	-60.00	0.00005
210.00	-70.00	0.00005	210.00	-80.00	0.00005
210.00	-90.00	0.00005	210.00	-100.00	0.00005
220.00	100.00	0.00007	220.00	90.00	0.00007
220.00	80.00	0.00007	220.00	70.00	0.00007
220.00	60.00	0.00007	220.00	50.00	0.00006
220.00	40.00	0.00006	220.00	30.00	0.00006
220.00	25.00	0.00006	220.00	20.00	0.00006
220.00	17.00	0.00006	220.00	15.00	0.00006
220.00	13.00	0.00006	220.00	11.00	0.00006
220.00	9.00	0.00006	220.00	-9.00	0.00005
220.00	-11.00	0.00005	220.00	-13.00	0.00005
220.00	-15.00	0.00005	220.00	-17.00	0.00005
220.00	-20.00	0.00005	220.00	-25.00	0.00005
220.00	-30.00	0.00005	220.00	-40.00	0.00005
220.00	-50.00	0.00005	220.00	-60.00	0.00005
220.00	-70.00	0.00005	220.00	-80.00	0.00005
220.00	-90.00	0.00005	220.00	-100.00	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00007	230.00	90.00	0.00007
230.00	80.00	0.00007	230.00	70.00	0.00007
230.00	60.00	0.00006	230.00	50.00	0.00006
230.00	40.00	0.00006	230.00	30.00	0.00006
230.00	25.00	0.00006	230.00	20.00	0.00005
230.00	17.00	0.00005	230.00	15.00	0.00005

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

230.00	13.00	0.00005	230.00	11.00	0.00005
230.00	9.00	0.00005	230.00	-9.00	0.00005
230.00	-11.00	0.00005	230.00	-13.00	0.00005
230.00	-15.00	0.00005	230.00	-17.00	0.00005
230.00	-20.00	0.00005	230.00	-25.00	0.00005
230.00	-30.00	0.00005	230.00	-40.00	0.00005
230.00	-50.00	0.00005	230.00	-60.00	0.00005
230.00	-70.00	0.00005	230.00	-80.00	0.00005
230.00	-90.00	0.00005	230.00	-100.00	0.00005
240.00	100.00	0.00007	240.00	90.00	0.00006
240.00	80.00	0.00006	240.00	70.00	0.00006
240.00	60.00	0.00006	240.00	50.00	0.00006
240.00	40.00	0.00005	240.00	30.00	0.00005
240.00	25.00	0.00005	240.00	20.00	0.00005
240.00	17.00	0.00005	240.00	15.00	0.00005
240.00	13.00	0.00005	240.00	11.00	0.00005
240.00	9.00	0.00005	240.00	-9.00	0.00005
240.00	-11.00	0.00005	240.00	-13.00	0.00005
240.00	-15.00	0.00005	240.00	-17.00	0.00005
240.00	-20.00	0.00005	240.00	-25.00	0.00005
240.00	-30.00	0.00005	240.00	-40.00	0.00005
240.00	-50.00	0.00004	240.00	-60.00	0.00004
240.00	-70.00	0.00004	240.00	-80.00	0.00004
240.00	-90.00	0.00004	240.00	-100.00	0.00004
250.00	100.00	0.00006	250.00	90.00	0.00006
250.00	80.00	0.00006	250.00	70.00	0.00006
250.00	60.00	0.00006	250.00	50.00	0.00005
250.00	40.00	0.00005	250.00	30.00	0.00005
250.00	25.00	0.00005	250.00	20.00	0.00005
250.00	17.00	0.00005	250.00	15.00	0.00005
250.00	13.00	0.00005	250.00	11.00	0.00005
250.00	9.00	0.00005	250.00	-9.00	0.00005
250.00	-11.00	0.00005	250.00	-13.00	0.00005
250.00	-15.00	0.00004	250.00	-17.00	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-----	-----	-----	-----	-----	-----

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

250.00	-20.00	0.00004	250.00	-25.00	0.00004
250.00	-30.00	0.00004	250.00	-40.00	0.00004
250.00	-50.00	0.00004	250.00	-60.00	0.00004
250.00	-70.00	0.00004	250.00	-80.00	0.00004
250.00	-90.00	0.00004	250.00	-100.00	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00052	-250.00	90.00	0.00054
-250.00	80.00	0.00055	-250.00	70.00	0.00057
-250.00	60.00	0.00059	-250.00	50.00	0.00061
-250.00	40.00	0.00067	-250.00	30.00	0.00079
-250.00	25.00	0.00089	-250.00	20.00	0.00102
-250.00	17.00	0.00112	-250.00	15.00	0.00119
-250.00	13.00	0.00126	-250.00	11.00	0.00133
-250.00	9.00	0.00141	-250.00	-9.00	0.00210
-250.00	-11.00	0.00217	-250.00	-13.00	0.00224
-250.00	-15.00	0.00229	-250.00	-17.00	0.00233
-250.00	-20.00	0.00237	-250.00	-25.00	0.00241
-250.00	-30.00	0.00240	-250.00	-40.00	0.00228
-250.00	-50.00	0.00209	-250.00	-60.00	0.00189
-250.00	-70.00	0.00170	-250.00	-80.00	0.00152
-250.00	-90.00	0.00135	-250.00	-100.00	0.00121
-240.00	100.00	0.00067	-240.00	90.00	0.00072
-240.00	80.00	0.00076	-240.00	70.00	0.00080
-240.00	60.00	0.00084	-240.00	50.00	0.00088
-240.00	40.00	0.00091	-240.00	30.00	0.00097
-240.00	25.00	0.00104	-240.00	20.00	0.00115
-240.00	17.00	0.00124	-240.00	15.00	0.00132
-240.00	13.00	0.00141	-240.00	11.00	0.00150
-240.00	9.00	0.00161	-240.00	-9.00	0.00270
-240.00	-11.00	0.00279	-240.00	-13.00	0.00285
-240.00	-15.00	0.00290	-240.00	-17.00	0.00293
-240.00	-20.00	0.00296	-240.00	-25.00	0.00294
-240.00	-30.00	0.00287	-240.00	-40.00	0.00265
-240.00	-50.00	0.00239	-240.00	-60.00	0.00213
-240.00	-70.00	0.00188	-240.00	-80.00	0.00165

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-240.00	-90.00	0.00145	-240.00	-100.00	0.00128
-230.00	100.00	0.00086	-230.00	90.00	0.00094
-230.00	80.00	0.00102	-230.00	70.00	0.00112
-230.00	60.00	0.00123	-230.00	50.00	0.00135
-230.00	40.00	0.00147	-230.00	30.00	0.00158
-230.00	25.00	0.00164	-230.00	20.00	0.00168
-230.00	17.00	0.00171	-230.00	15.00	0.00173
-230.00	13.00	0.00177	-230.00	11.00	0.00183
-230.00	9.00	0.00192	-230.00	-9.00	0.00368
-230.00	-11.00	0.00371	-230.00	-13.00	0.00372
-230.00	-15.00	0.00371	-230.00	-17.00	0.00370

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00366	-230.00	-25.00	0.00355
-230.00	-30.00	0.00340	-230.00	-40.00	0.00305
-230.00	-50.00	0.00268	-230.00	-60.00	0.00233
-230.00	-70.00	0.00202	-230.00	-80.00	0.00175
-230.00	-90.00	0.00152	-230.00	-100.00	0.00133
-220.00	100.00	0.00106	-220.00	90.00	0.00118
-220.00	80.00	0.00131	-220.00	70.00	0.00148
-220.00	60.00	0.00168	-220.00	50.00	0.00193
-220.00	40.00	0.00224	-220.00	30.00	0.00263
-220.00	25.00	0.00287	-220.00	20.00	0.00314
-220.00	17.00	0.00332	-220.00	15.00	0.00346
-220.00	13.00	0.00361	-220.00	11.00	0.00379
-220.00	9.00	0.00403	-220.00	-9.00	0.00478
-220.00	-11.00	0.00465	-220.00	-13.00	0.00454
-220.00	-15.00	0.00445	-220.00	-17.00	0.00436
-220.00	-20.00	0.00423	-220.00	-25.00	0.00401
-220.00	-30.00	0.00377	-220.00	-40.00	0.00330
-220.00	-50.00	0.00285	-220.00	-60.00	0.00245
-220.00	-70.00	0.00210	-220.00	-80.00	0.00180
-220.00	-90.00	0.00155	-220.00	-100.00	0.00134
-210.00	100.00	0.00124	-210.00	90.00	0.00140
-210.00	80.00	0.00159	-210.00	70.00	0.00182
-210.00	60.00	0.00211	-210.00	50.00	0.00246

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-210.00	40.00	0.00291	-210.00	30.00	0.00348
-210.00	25.00	0.00381	-210.00	20.00	0.00418
-210.00	17.00	0.00442	-210.00	15.00	0.00458
-210.00	13.00	0.00474	-210.00	11.00	0.00490
-210.00	9.00	0.00509	-210.00	-9.00	0.00502
-210.00	-11.00	0.00489	-210.00	-13.00	0.00479
-210.00	-15.00	0.00470	-210.00	-17.00	0.00461
-210.00	-20.00	0.00447	-210.00	-25.00	0.00422
-210.00	-30.00	0.00395	-210.00	-40.00	0.00341
-210.00	-50.00	0.00292	-210.00	-60.00	0.00248
-210.00	-70.00	0.00211	-210.00	-80.00	0.00180
-210.00	-90.00	0.00154	-210.00	-100.00	0.00133
-200.00	100.00	0.00141	-200.00	90.00	0.00160
-200.00	80.00	0.00183	-200.00	70.00	0.00212
-200.00	60.00	0.00246	-200.00	50.00	0.00288
-200.00	40.00	0.00339	-200.00	30.00	0.00401
-200.00	25.00	0.00437	-200.00	20.00	0.00474

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00496	-200.00	15.00	0.00510
-200.00	13.00	0.00523	-200.00	11.00	0.00536
-200.00	9.00	0.00550	-200.00	-9.00	0.00507
-200.00	-11.00	0.00492	-200.00	-13.00	0.00481
-200.00	-15.00	0.00471	-200.00	-17.00	0.00461
-200.00	-20.00	0.00447	-200.00	-25.00	0.00423
-200.00	-30.00	0.00397	-200.00	-40.00	0.00343
-200.00	-50.00	0.00291	-200.00	-60.00	0.00245
-200.00	-70.00	0.00207	-200.00	-80.00	0.00175
-200.00	-90.00	0.00150	-200.00	-100.00	0.00129
-190.00	100.00	0.00154	-190.00	90.00	0.00176
-190.00	80.00	0.00203	-190.00	70.00	0.00234
-190.00	60.00	0.00272	-190.00	50.00	0.00317
-190.00	40.00	0.00371	-190.00	30.00	0.00434
-190.00	25.00	0.00468	-190.00	20.00	0.00502
-190.00	17.00	0.00521	-190.00	15.00	0.00533
-190.00	13.00	0.00544	-190.00	11.00	0.00555

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-190.00	9.00	0.00566	-190.00	-9.00	0.00501
-190.00	-11.00	0.00486	-190.00	-13.00	0.00473
-190.00	-15.00	0.00461	-190.00	-17.00	0.00450
-190.00	-20.00	0.00434	-190.00	-25.00	0.00409
-190.00	-30.00	0.00383	-190.00	-40.00	0.00332
-190.00	-50.00	0.00282	-190.00	-60.00	0.00237
-190.00	-70.00	0.00199	-190.00	-80.00	0.00168
-190.00	-90.00	0.00144	-190.00	-100.00	0.00124
-180.00	100.00	0.00163	-180.00	90.00	0.00187
-180.00	80.00	0.00215	-180.00	70.00	0.00249
-180.00	60.00	0.00290	-180.00	50.00	0.00337
-180.00	40.00	0.00392	-180.00	30.00	0.00453
-180.00	25.00	0.00485	-180.00	20.00	0.00516
-180.00	17.00	0.00532	-180.00	15.00	0.00542
-180.00	13.00	0.00551	-180.00	11.00	0.00559
-180.00	9.00	0.00568	-180.00	-9.00	0.00486
-180.00	-11.00	0.00469	-180.00	-13.00	0.00454
-180.00	-15.00	0.00441	-180.00	-17.00	0.00429
-180.00	-20.00	0.00412	-180.00	-25.00	0.00385
-180.00	-30.00	0.00360	-180.00	-40.00	0.00310
-180.00	-50.00	0.00263	-180.00	-60.00	0.00222
-180.00	-70.00	0.00187	-180.00	-80.00	0.00159
-180.00	-90.00	0.00135	-180.00	-100.00	0.00116

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTS:
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00166	-170.00	90.00	0.00191
-170.00	80.00	0.00221	-170.00	70.00	0.00257
-170.00	60.00	0.00299	-170.00	50.00	0.00349
-170.00	40.00	0.00404	-170.00	30.00	0.00464
-170.00	25.00	0.00494	-170.00	20.00	0.00520
-170.00	17.00	0.00534	-170.00	15.00	0.00542
-170.00	13.00	0.00549	-170.00	11.00	0.00554
-170.00	9.00	0.00561	-170.00	-9.00	0.00459
-170.00	-11.00	0.00439	-170.00	-13.00	0.00423
-170.00	-15.00	0.00409	-170.00	-17.00	0.00397
-170.00	-20.00	0.00379	-170.00	-25.00	0.00351

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-170.00	-30.00	0.00326	-170.00	-40.00	0.00278
-170.00	-50.00	0.00237	-170.00	-60.00	0.00201
-170.00	-70.00	0.00171	-170.00	-80.00	0.00146
-170.00	-90.00	0.00125	-170.00	-100.00	0.00107
-160.00	100.00	0.00164	-160.00	90.00	0.00188
-160.00	80.00	0.00218	-160.00	70.00	0.00255
-160.00	60.00	0.00298	-160.00	50.00	0.00349
-160.00	40.00	0.00406	-160.00	30.00	0.00467
-160.00	25.00	0.00495	-160.00	20.00	0.00519
-160.00	17.00	0.00531	-160.00	15.00	0.00536
-160.00	13.00	0.00540	-160.00	11.00	0.00543
-160.00	9.00	0.00546	-160.00	-9.00	0.00417
-160.00	-11.00	0.00395	-160.00	-13.00	0.00378
-160.00	-15.00	0.00364	-160.00	-17.00	0.00351
-160.00	-20.00	0.00333	-160.00	-25.00	0.00306
-160.00	-30.00	0.00281	-160.00	-40.00	0.00240
-160.00	-50.00	0.00205	-160.00	-60.00	0.00176
-160.00	-70.00	0.00150	-160.00	-80.00	0.00129
-160.00	-90.00	0.00111	-160.00	-100.00	0.00096
-150.00	100.00	0.00156	-150.00	90.00	0.00179
-150.00	80.00	0.00207	-150.00	70.00	0.00241
-150.00	60.00	0.00282	-150.00	50.00	0.00331
-150.00	40.00	0.00390	-150.00	30.00	0.00454
-150.00	25.00	0.00485	-150.00	20.00	0.00511
-150.00	17.00	0.00522	-150.00	15.00	0.00526
-150.00	13.00	0.00528	-150.00	11.00	0.00528
-150.00	9.00	0.00528	-150.00	-9.00	0.00355
-150.00	-11.00	0.00332	-150.00	-13.00	0.00314
-150.00	-15.00	0.00300	-150.00	-17.00	0.00287

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTS:
 PAGE 107
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00271	-150.00	-25.00	0.00248
-150.00	-30.00	0.00229	-150.00	-40.00	0.00196
-150.00	-50.00	0.00168	-150.00	-60.00	0.00145
-150.00	-70.00	0.00126	-150.00	-80.00	0.00109
-150.00	-90.00	0.00095	-150.00	-100.00	0.00084

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-140.00	100.00	0.00144	-140.00	90.00	0.00164
-140.00	80.00	0.00188	-140.00	70.00	0.00216
-140.00	60.00	0.00249	-140.00	50.00	0.00290
-140.00	40.00	0.00339	-140.00	30.00	0.00396
-140.00	25.00	0.00428	-140.00	20.00	0.00459
-140.00	17.00	0.00475	-140.00	15.00	0.00484
-140.00	13.00	0.00491	-140.00	11.00	0.00495
-140.00	9.00	0.00497	-140.00	-9.00	0.00253
-140.00	-11.00	0.00235	-140.00	-13.00	0.00222
-140.00	-15.00	0.00212	-140.00	-17.00	0.00204
-140.00	-20.00	0.00194	-140.00	-25.00	0.00180
-140.00	-30.00	0.00168	-140.00	-40.00	0.00147
-140.00	-50.00	0.00130	-140.00	-60.00	0.00115
-140.00	-70.00	0.00102	-140.00	-80.00	0.00091
-140.00	-90.00	0.00081	-140.00	-100.00	0.00072
-130.00	100.00	0.00129	-130.00	90.00	0.00145
-130.00	80.00	0.00163	-130.00	70.00	0.00184
-130.00	60.00	0.00208	-130.00	50.00	0.00235
-130.00	40.00	0.00264	-130.00	30.00	0.00292
-130.00	25.00	0.00304	-130.00	20.00	0.00311
-130.00	17.00	0.00311	-130.00	15.00	0.00308
-130.00	13.00	0.00303	-130.00	11.00	0.00294
-130.00	9.00	0.00281	-130.00	-9.00	0.00134
-130.00	-11.00	0.00133	-130.00	-13.00	0.00131
-130.00	-15.00	0.00130	-130.00	-17.00	0.00129
-130.00	-20.00	0.00127	-130.00	-25.00	0.00123
-130.00	-30.00	0.00119	-130.00	-40.00	0.00110
-130.00	-50.00	0.00100	-130.00	-60.00	0.00091
-130.00	-70.00	0.00083	-130.00	-80.00	0.00076
-130.00	-90.00	0.00069	-130.00	-100.00	0.00062
-120.00	100.00	0.00114	-120.00	90.00	0.00126
-120.00	80.00	0.00139	-120.00	70.00	0.00153
-120.00	60.00	0.00169	-120.00	50.00	0.00184
-120.00	40.00	0.00198	-120.00	30.00	0.00206
-120.00	25.00	0.00206	-120.00	20.00	0.00202

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 17:14:39
 **MODELOPTs:
 PAGE 108
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

 INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00196	-120.00	15.00	0.00191
-120.00	13.00	0.00184	-120.00	11.00	0.00176
-120.00	9.00	0.00167	-120.00	-9.00	0.00098
-120.00	-11.00	0.00096	-120.00	-13.00	0.00094
-120.00	-15.00	0.00092	-120.00	-17.00	0.00090
-120.00	-20.00	0.00089	-120.00	-25.00	0.00088
-120.00	-30.00	0.00086	-120.00	-40.00	0.00083
-120.00	-50.00	0.00079	-120.00	-60.00	0.00073
-120.00	-70.00	0.00068	-120.00	-80.00	0.00063
-120.00	-90.00	0.00058	-120.00	-100.00	0.00054
-110.00	100.00	0.00099	-110.00	90.00	0.00108
-110.00	80.00	0.00117	-110.00	70.00	0.00126
-110.00	60.00	0.00135	-110.00	50.00	0.00143
-110.00	40.00	0.00149	-110.00	30.00	0.00149
-110.00	25.00	0.00146	-110.00	20.00	0.00140
-110.00	17.00	0.00135	-110.00	15.00	0.00131
-110.00	13.00	0.00126	-110.00	11.00	0.00121
-110.00	9.00	0.00115	-110.00	-9.00	0.00078
-110.00	-11.00	0.00077	-110.00	-13.00	0.00075
-110.00	-15.00	0.00074	-110.00	-17.00	0.00072
-110.00	-20.00	0.00070	-110.00	-25.00	0.00067
-110.00	-30.00	0.00065	-110.00	-40.00	0.00063
-110.00	-50.00	0.00061	-110.00	-60.00	0.00058
-110.00	-70.00	0.00056	-110.00	-80.00	0.00053
-110.00	-90.00	0.00050	-110.00	-100.00	0.00047
-100.00	100.00	0.00085	-100.00	90.00	0.00091
-100.00	80.00	0.00097	-100.00	70.00	0.00103
-100.00	60.00	0.00109	-100.00	50.00	0.00113
-100.00	40.00	0.00114	-100.00	30.00	0.00111
-100.00	25.00	0.00108	-100.00	20.00	0.00103
-100.00	17.00	0.00099	-100.00	15.00	0.00096
-100.00	13.00	0.00092	-100.00	11.00	0.00089
-100.00	9.00	0.00086	-100.00	-9.00	0.00063
-100.00	-11.00	0.00062	-100.00	-13.00	0.00061
-100.00	-15.00	0.00061	-100.00	-17.00	0.00060
-100.00	-20.00	0.00058	-100.00	-25.00	0.00056
-100.00	-30.00	0.00053	-100.00	-40.00	0.00049
-100.00	-50.00	0.00047	-100.00	-60.00	0.00046
-100.00	-70.00	0.00045	-100.00	-80.00	0.00043
-100.00	-90.00	0.00042	-100.00	-100.00	0.00040

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:14:39

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00073	-90.00	90.00	0.00077
-90.00	80.00	0.00082	-90.00	70.00	0.00085
-90.00	60.00	0.00089	-90.00	50.00	0.00090
-90.00	40.00	0.00089	-90.00	30.00	0.00086
-90.00	25.00	0.00082	-90.00	20.00	0.00078
-90.00	17.00	0.00075	-90.00	15.00	0.00073
-90.00	13.00	0.00071	-90.00	11.00	0.00069
-90.00	9.00	0.00066	-90.00	-9.00	0.00052
-90.00	-11.00	0.00051	-90.00	-13.00	0.00050
-90.00	-15.00	0.00050	-90.00	-17.00	0.00049
-90.00	-20.00	0.00049	-90.00	-25.00	0.00047
-90.00	-30.00	0.00045	-90.00	-40.00	0.00041
-90.00	-50.00	0.00038	-90.00	-60.00	0.00037
-90.00	-70.00	0.00036	-90.00	-80.00	0.00035
-90.00	-90.00	0.00034	-90.00	-100.00	0.00034
-80.00	100.00	0.00063	-80.00	90.00	0.00066
-80.00	80.00	0.00069	-80.00	70.00	0.00071
-80.00	60.00	0.00072	-80.00	50.00	0.00072
-80.00	40.00	0.00071	-80.00	30.00	0.00068
-80.00	25.00	0.00065	-80.00	20.00	0.00062
-80.00	17.00	0.00060	-80.00	15.00	0.00058
-80.00	13.00	0.00057	-80.00	11.00	0.00055
-80.00	9.00	0.00053	-80.00	-9.00	0.00043
-80.00	-11.00	0.00043	-80.00	-13.00	0.00042
-80.00	-15.00	0.00042	-80.00	-17.00	0.00041
-80.00	-20.00	0.00041	-80.00	-25.00	0.00040
-80.00	-30.00	0.00039	-80.00	-40.00	0.00035
-80.00	-50.00	0.00032	-80.00	-60.00	0.00030
-80.00	-70.00	0.00029	-80.00	-80.00	0.00029
-80.00	-90.00	0.00028	-80.00	-100.00	0.00028
-70.00	100.00	0.00055	-70.00	90.00	0.00057
-70.00	80.00	0.00059	-70.00	70.00	0.00060
-70.00	60.00	0.00060	-70.00	50.00	0.00060
-70.00	40.00	0.00058	-70.00	30.00	0.00055
-70.00	25.00	0.00053	-70.00	20.00	0.00050
-70.00	17.00	0.00048	-70.00	15.00	0.00047
-70.00	13.00	0.00046	-70.00	11.00	0.00045

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-70.00	9.00	0.00044	-70.00	-9.00	0.00037
-70.00	-11.00	0.00036	-70.00	-13.00	0.00036
-70.00	-15.00	0.00035	-70.00	-17.00	0.00035

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

PAGE 110

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00034	-70.00	-25.00	0.00034
-70.00	-30.00	0.00033	-70.00	-40.00	0.00031
-70.00	-50.00	0.00028	-70.00	-60.00	0.00026
-70.00	-70.00	0.00025	-70.00	-80.00	0.00024
-70.00	-90.00	0.00023	-70.00	-100.00	0.00023
-60.00	100.00	0.00048	-60.00	90.00	0.00049
-60.00	80.00	0.00050	-60.00	70.00	0.00050
-60.00	60.00	0.00050	-60.00	50.00	0.00050
-60.00	40.00	0.00048	-60.00	30.00	0.00045
-60.00	25.00	0.00043	-60.00	20.00	0.00041
-60.00	17.00	0.00040	-60.00	15.00	0.00039
-60.00	13.00	0.00038	-60.00	11.00	0.00037
-60.00	9.00	0.00037	-60.00	-9.00	0.00031
-60.00	-11.00	0.00031	-60.00	-13.00	0.00031
-60.00	-15.00	0.00030	-60.00	-17.00	0.00030
-60.00	-20.00	0.00029	-60.00	-25.00	0.00029
-60.00	-30.00	0.00029	-60.00	-40.00	0.00028
-60.00	-50.00	0.00025	-60.00	-60.00	0.00023
-60.00	-70.00	0.00021	-60.00	-80.00	0.00020
-60.00	-90.00	0.00020	-60.00	-100.00	0.00020
-50.00	100.00	0.00042	-50.00	90.00	0.00042
-50.00	80.00	0.00043	-50.00	70.00	0.00043
-50.00	60.00	0.00043	-50.00	50.00	0.00042
-50.00	40.00	0.00040	-50.00	30.00	0.00038
-50.00	25.00	0.00036	-50.00	20.00	0.00035
-50.00	17.00	0.00034	-50.00	15.00	0.00033
-50.00	13.00	0.00032	-50.00	11.00	0.00032
-50.00	9.00	0.00031	-50.00	-9.00	0.00027
-50.00	-11.00	0.00027	-50.00	-13.00	0.00027
-50.00	-15.00	0.00026	-50.00	-17.00	0.00026
-50.00	-20.00	0.00026	-50.00	-25.00	0.00025

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-50.00	-30.00	0.00025	-50.00	-40.00	0.00024
-50.00	-50.00	0.00023	-50.00	-60.00	0.00021
-50.00	-70.00	0.00019	-50.00	-80.00	0.00018
-50.00	-90.00	0.00017	-50.00	-100.00	0.00017
-40.00	100.00	0.00037	-40.00	90.00	0.00037
-40.00	80.00	0.00037	-40.00	70.00	0.00037
-40.00	60.00	0.00037	-40.00	50.00	0.00036
-40.00	40.00	0.00034	-40.00	30.00	0.00032
-40.00	25.00	0.00031	-40.00	20.00	0.00030

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00029	-40.00	15.00	0.00028
-40.00	13.00	0.00028	-40.00	11.00	0.00027
-40.00	9.00	0.00027	-40.00	-9.00	0.00024
-40.00	-11.00	0.00023	-40.00	-13.00	0.00023
-40.00	-15.00	0.00023	-40.00	-17.00	0.00023
-40.00	-20.00	0.00022	-40.00	-25.00	0.00022
-40.00	-30.00	0.00022	-40.00	-40.00	0.00021
-40.00	-50.00	0.00021	-40.00	-60.00	0.00019
-40.00	-70.00	0.00017	-40.00	-80.00	0.00016
-40.00	-90.00	0.00015	-40.00	-100.00	0.00015
-30.00	100.00	0.00032	-30.00	90.00	0.00032
-30.00	80.00	0.00033	-30.00	70.00	0.00032
-30.00	60.00	0.00032	-30.00	50.00	0.00031
-30.00	40.00	0.00029	-30.00	30.00	0.00028
-30.00	25.00	0.00027	-30.00	20.00	0.00026
-30.00	17.00	0.00025	-30.00	15.00	0.00024
-30.00	13.00	0.00024	-30.00	11.00	0.00024
-30.00	9.00	0.00023	-30.00	-9.00	0.00021
-30.00	-11.00	0.00021	-30.00	-13.00	0.00020
-30.00	-15.00	0.00020	-30.00	-17.00	0.00020
-30.00	-20.00	0.00020	-30.00	-25.00	0.00019
-30.00	-30.00	0.00019	-30.00	-40.00	0.00019
-30.00	-50.00	0.00018	-30.00	-60.00	0.00017
-30.00	-70.00	0.00016	-30.00	-80.00	0.00015
-30.00	-90.00	0.00014	-30.00	-100.00	0.00013

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-20.00	100.00	0.00029	-20.00	90.00	0.00029
-20.00	80.00	0.00029	-20.00	70.00	0.00028
-20.00	60.00	0.00028	-20.00	50.00	0.00027
-20.00	40.00	0.00025	-20.00	30.00	0.00024
-20.00	25.00	0.00023	-20.00	20.00	0.00022
-20.00	17.00	0.00022	-20.00	15.00	0.00021
-20.00	13.00	0.00021	-20.00	11.00	0.00021
-20.00	9.00	0.00020	-20.00	-9.00	0.00019
-20.00	-11.00	0.00018	-20.00	-13.00	0.00018
-20.00	-15.00	0.00018	-20.00	-17.00	0.00018
-20.00	-20.00	0.00018	-20.00	-25.00	0.00017
-20.00	-30.00	0.00017	-20.00	-40.00	0.00017
-20.00	-50.00	0.00017	-20.00	-60.00	0.00016
-20.00	-70.00	0.00015	-20.00	-80.00	0.00014
-20.00	-90.00	0.00013	-20.00	-100.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:
 PAGE 112

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00025	-10.00	90.00	0.00026
-10.00	80.00	0.00025	-10.00	70.00	0.00025
-10.00	60.00	0.00024	-10.00	50.00	0.00023
-10.00	40.00	0.00022	-10.00	30.00	0.00021
-10.00	25.00	0.00020	-10.00	20.00	0.00020
-10.00	17.00	0.00019	-10.00	15.00	0.00019
-10.00	13.00	0.00019	-10.00	11.00	0.00018
-10.00	9.00	0.00018	-10.00	-9.00	0.00017
-10.00	-11.00	0.00016	-10.00	-13.00	0.00016
-10.00	-15.00	0.00016	-10.00	-17.00	0.00016
-10.00	-20.00	0.00016	-10.00	-25.00	0.00015
-10.00	-30.00	0.00015	-10.00	-40.00	0.00015
-10.00	-50.00	0.00015	-10.00	-60.00	0.00014
-10.00	-70.00	0.00014	-10.00	-80.00	0.00013
-10.00	-90.00	0.00012	-10.00	-100.00	0.00011
0.00	100.00	0.00023	0.00	90.00	0.00023
0.00	80.00	0.00023	0.00	70.00	0.00022
0.00	60.00	0.00021	0.00	50.00	0.00021
0.00	40.00	0.00020	0.00	30.00	0.00019

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

0.00	25.00	0.00018	0.00	20.00	0.00017
0.00	17.00	0.00017	0.00	15.00	0.00017
0.00	13.00	0.00017	0.00	11.00	0.00016
0.00	9.00	0.00016	0.00	-9.00	0.00015
0.00	-11.00	0.00015	0.00	-13.00	0.00015
0.00	-15.00	0.00015	0.00	-17.00	0.00014
0.00	-20.00	0.00014	0.00	-25.00	0.00014
0.00	-30.00	0.00014	0.00	-40.00	0.00013
0.00	-50.00	0.00013	0.00	-60.00	0.00013
0.00	-70.00	0.00013	0.00	-80.00	0.00012
0.00	-90.00	0.00011	0.00	-100.00	0.00010
10.00	100.00	0.00021	10.00	90.00	0.00020
10.00	80.00	0.00020	10.00	70.00	0.00020
10.00	60.00	0.00019	10.00	50.00	0.00018
10.00	40.00	0.00018	10.00	30.00	0.00017
10.00	25.00	0.00016	10.00	20.00	0.00016
10.00	17.00	0.00015	10.00	15.00	0.00015
10.00	13.00	0.00015	10.00	11.00	0.00015
10.00	9.00	0.00015	10.00	-9.00	0.00013
10.00	-11.00	0.00013	10.00	-13.00	0.00013
10.00	-15.00	0.00013	10.00	-17.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
 PAGE 113
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00013	10.00	-25.00	0.00013
10.00	-30.00	0.00012	10.00	-40.00	0.00012
10.00	-50.00	0.00012	10.00	-60.00	0.00012
10.00	-70.00	0.00012	10.00	-80.00	0.00011
10.00	-90.00	0.00010	10.00	-100.00	0.00010
20.00	100.00	0.00019	20.00	90.00	0.00018
20.00	80.00	0.00018	20.00	70.00	0.00018
20.00	60.00	0.00017	20.00	50.00	0.00016
20.00	40.00	0.00016	20.00	30.00	0.00015
20.00	25.00	0.00014	20.00	20.00	0.00014
20.00	17.00	0.00014	20.00	15.00	0.00014
20.00	13.00	0.00013	20.00	11.00	0.00013
20.00	9.00	0.00013	20.00	-9.00	0.00012

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

20.00	-11.00	0.00012	20.00	-13.00	0.00012
20.00	-15.00	0.00012	20.00	-17.00	0.00012
20.00	-20.00	0.00012	20.00	-25.00	0.00012
20.00	-30.00	0.00011	20.00	-40.00	0.00011
20.00	-50.00	0.00011	20.00	-60.00	0.00011
20.00	-70.00	0.00011	20.00	-80.00	0.00010
20.00	-90.00	0.00010	20.00	-100.00	0.00009
30.00	100.00	0.00017	30.00	90.00	0.00017
30.00	80.00	0.00016	30.00	70.00	0.00016
30.00	60.00	0.00015	30.00	50.00	0.00015
30.00	40.00	0.00014	30.00	30.00	0.00013
30.00	25.00	0.00013	30.00	20.00	0.00013
30.00	17.00	0.00012	30.00	15.00	0.00012
30.00	13.00	0.00012	30.00	11.00	0.00012
30.00	9.00	0.00012	30.00	-9.00	0.00011
30.00	-11.00	0.00011	30.00	-13.00	0.00011
30.00	-15.00	0.00011	30.00	-17.00	0.00011
30.00	-20.00	0.00011	30.00	-25.00	0.00011
30.00	-30.00	0.00010	30.00	-40.00	0.00010
30.00	-50.00	0.00010	30.00	-60.00	0.00010
30.00	-70.00	0.00010	30.00	-80.00	0.00010
30.00	-90.00	0.00009	30.00	-100.00	0.00009
40.00	100.00	0.00015	40.00	90.00	0.00015
40.00	80.00	0.00015	40.00	70.00	0.00014
40.00	60.00	0.00014	40.00	50.00	0.00013
40.00	40.00	0.00013	40.00	30.00	0.00012
40.00	25.00	0.00012	40.00	20.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
 PAGE 114
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00011	40.00	15.00	0.00011
40.00	13.00	0.00011	40.00	11.00	0.00011
40.00	9.00	0.00011	40.00	-9.00	0.00010
40.00	-11.00	0.00010	40.00	-13.00	0.00010
40.00	-15.00	0.00010	40.00	-17.00	0.00010
40.00	-20.00	0.00010	40.00	-25.00	0.00010
40.00	-30.00	0.00010	40.00	-40.00	0.00009

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

40.00	-50.00	0.00009	40.00	-60.00	0.00009
40.00	-70.00	0.00009	40.00	-80.00	0.00009
40.00	-90.00	0.00009	40.00	-100.00	0.00008
50.00	100.00	0.00014	50.00	90.00	0.00014
50.00	80.00	0.00013	50.00	70.00	0.00013
50.00	60.00	0.00013	50.00	50.00	0.00012
50.00	40.00	0.00012	50.00	30.00	0.00011
50.00	25.00	0.00011	50.00	20.00	0.00010
50.00	17.00	0.00010	50.00	15.00	0.00010
50.00	13.00	0.00010	50.00	11.00	0.00010
50.00	9.00	0.00010	50.00	-9.00	0.00009
50.00	-11.00	0.00009	50.00	-13.00	0.00009
50.00	-15.00	0.00009	50.00	-17.00	0.00009
50.00	-20.00	0.00009	50.00	-25.00	0.00009
50.00	-30.00	0.00009	50.00	-40.00	0.00009
50.00	-50.00	0.00008	50.00	-60.00	0.00008
50.00	-70.00	0.00008	50.00	-80.00	0.00008
50.00	-90.00	0.00008	50.00	-100.00	0.00008
60.00	100.00	0.00013	60.00	90.00	0.00012
60.00	80.00	0.00012	60.00	70.00	0.00012
60.00	60.00	0.00012	60.00	50.00	0.00011
60.00	40.00	0.00011	60.00	30.00	0.00010
60.00	25.00	0.00010	60.00	20.00	0.00010
60.00	17.00	0.00009	60.00	15.00	0.00009
60.00	13.00	0.00009	60.00	11.00	0.00009
60.00	9.00	0.00009	60.00	-9.00	0.00009
60.00	-11.00	0.00009	60.00	-13.00	0.00009
60.00	-15.00	0.00009	60.00	-17.00	0.00009
60.00	-20.00	0.00008	60.00	-25.00	0.00008
60.00	-30.00	0.00008	60.00	-40.00	0.00008
60.00	-50.00	0.00008	60.00	-60.00	0.00008
60.00	-70.00	0.00008	60.00	-80.00	0.00008
60.00	-90.00	0.00008	60.00	-100.00	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
 PAGE 115
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00012	70.00	90.00	0.00011

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

70.00	80.00	0.00011	70.00	70.00	0.00011
70.00	60.00	0.00011	70.00	50.00	0.00010
70.00	40.00	0.00010	70.00	30.00	0.00009
70.00	25.00	0.00009	70.00	20.00	0.00009
70.00	17.00	0.00009	70.00	15.00	0.00009
70.00	13.00	0.00009	70.00	11.00	0.00009
70.00	9.00	0.00008	70.00	-9.00	0.00008
70.00	-11.00	0.00008	70.00	-13.00	0.00008
70.00	-15.00	0.00008	70.00	-17.00	0.00008
70.00	-20.00	0.00008	70.00	-25.00	0.00008
70.00	-30.00	0.00008	70.00	-40.00	0.00007
70.00	-50.00	0.00007	70.00	-60.00	0.00007
70.00	-70.00	0.00007	70.00	-80.00	0.00007
70.00	-90.00	0.00007	70.00	-100.00	0.00007
80.00	100.00	0.00011	80.00	90.00	0.00011
80.00	80.00	0.00010	80.00	70.00	0.00010
80.00	60.00	0.00010	80.00	50.00	0.00009
80.00	40.00	0.00009	80.00	30.00	0.00009
80.00	25.00	0.00008	80.00	20.00	0.00008
80.00	17.00	0.00008	80.00	15.00	0.00008
80.00	13.00	0.00008	80.00	11.00	0.00008
80.00	9.00	0.00008	80.00	-9.00	0.00007
80.00	-11.00	0.00007	80.00	-13.00	0.00007
80.00	-15.00	0.00007	80.00	-17.00	0.00007
80.00	-20.00	0.00007	80.00	-25.00	0.00007
80.00	-30.00	0.00007	80.00	-40.00	0.00007
80.00	-50.00	0.00007	80.00	-60.00	0.00007
80.00	-70.00	0.00007	80.00	-80.00	0.00007
80.00	-90.00	0.00007	80.00	-100.00	0.00006
90.00	100.00	0.00010	90.00	90.00	0.00010
90.00	80.00	0.00010	90.00	70.00	0.00009
90.00	60.00	0.00009	90.00	50.00	0.00009
90.00	40.00	0.00008	90.00	30.00	0.00008
90.00	25.00	0.00008	90.00	20.00	0.00008
90.00	17.00	0.00008	90.00	15.00	0.00007
90.00	13.00	0.00007	90.00	11.00	0.00007
90.00	9.00	0.00007	90.00	-9.00	0.00007
90.00	-11.00	0.00007	90.00	-13.00	0.00007
90.00	-15.00	0.00007	90.00	-17.00	0.00007

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:14:39

**MODELOPTs:

PAGE 116

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
90.00	-20.00	0.00007	90.00	-25.00	0.00007	
90.00	-30.00	0.00007	90.00	-40.00	0.00006	
90.00	-50.00	0.00006	90.00	-60.00	0.00006	
90.00	-70.00	0.00006	90.00	-80.00	0.00006	
90.00	-90.00	0.00006	90.00	-100.00	0.00006	
100.00	100.00	0.00009	100.00	90.00	0.00009	
100.00	80.00	0.00009	100.00	70.00	0.00009	
100.00	60.00	0.00008	100.00	50.00	0.00008	
100.00	40.00	0.00008	100.00	30.00	0.00007	
100.00	25.00	0.00007	100.00	20.00	0.00007	
100.00	17.00	0.00007	100.00	15.00	0.00007	
100.00	13.00	0.00007	100.00	11.00	0.00007	
100.00	9.00	0.00007	100.00	-9.00	0.00007	
100.00	-11.00	0.00006	100.00	-13.00	0.00006	
100.00	-15.00	0.00006	100.00	-17.00	0.00006	
100.00	-20.00	0.00006	100.00	-25.00	0.00006	
100.00	-30.00	0.00006	100.00	-40.00	0.00006	
100.00	-50.00	0.00006	100.00	-60.00	0.00006	
100.00	-70.00	0.00006	100.00	-80.00	0.00006	
100.00	-90.00	0.00006	100.00	-100.00	0.00006	
110.00	100.00	0.00009	110.00	90.00	0.00008	
110.00	80.00	0.00008	110.00	70.00	0.00008	
110.00	60.00	0.00008	110.00	50.00	0.00007	
110.00	40.00	0.00007	110.00	30.00	0.00007	
110.00	25.00	0.00007	110.00	20.00	0.00007	
110.00	17.00	0.00007	110.00	15.00	0.00006	
110.00	13.00	0.00006	110.00	11.00	0.00006	
110.00	9.00	0.00006	110.00	-9.00	0.00006	
110.00	-11.00	0.00006	110.00	-13.00	0.00006	
110.00	-15.00	0.00006	110.00	-17.00	0.00006	
110.00	-20.00	0.00006	110.00	-25.00	0.00006	
110.00	-30.00	0.00006	110.00	-40.00	0.00006	
110.00	-50.00	0.00006	110.00	-60.00	0.00005	
110.00	-70.00	0.00005	110.00	-80.00	0.00005	
110.00	-90.00	0.00005	110.00	-100.00	0.00005	
120.00	100.00	0.00008	120.00	90.00	0.00008	
120.00	80.00	0.00008	120.00	70.00	0.00007	
120.00	60.00	0.00007	120.00	50.00	0.00007	
120.00	40.00	0.00007	120.00	30.00	0.00006	

120.00 25.00 0.00006 120.00 20.00 0.00006

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:
 PAGE 117

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00006	120.00	15.00	0.00006
120.00	13.00	0.00006	120.00	11.00	0.00006
120.00	9.00	0.00006	120.00	-9.00	0.00006
120.00	-11.00	0.00006	120.00	-13.00	0.00006
120.00	-15.00	0.00006	120.00	-17.00	0.00006
120.00	-20.00	0.00006	120.00	-25.00	0.00006
120.00	-30.00	0.00005	120.00	-40.00	0.00005
120.00	-50.00	0.00005	120.00	-60.00	0.00005
120.00	-70.00	0.00005	120.00	-80.00	0.00005
120.00	-90.00	0.00005	120.00	-100.00	0.00005
130.00	100.00	0.00007	130.00	90.00	0.00007
130.00	80.00	0.00007	130.00	70.00	0.00007
130.00	60.00	0.00007	130.00	50.00	0.00006
130.00	40.00	0.00006	130.00	30.00	0.00006
130.00	25.00	0.00006	130.00	20.00	0.00006
130.00	17.00	0.00006	130.00	15.00	0.00006
130.00	13.00	0.00006	130.00	11.00	0.00006
130.00	9.00	0.00006	130.00	-9.00	0.00005
130.00	-11.00	0.00005	130.00	-13.00	0.00005
130.00	-15.00	0.00005	130.00	-17.00	0.00005
130.00	-20.00	0.00005	130.00	-25.00	0.00005
130.00	-30.00	0.00005	130.00	-40.00	0.00005
130.00	-50.00	0.00005	130.00	-60.00	0.00005
130.00	-70.00	0.00005	130.00	-80.00	0.00005
130.00	-90.00	0.00005	130.00	-100.00	0.00005
140.00	100.00	0.00007	140.00	90.00	0.00007
140.00	80.00	0.00007	140.00	70.00	0.00007
140.00	60.00	0.00006	140.00	50.00	0.00006
140.00	40.00	0.00006	140.00	30.00	0.00006
140.00	25.00	0.00006	140.00	20.00	0.00005
140.00	17.00	0.00005	140.00	15.00	0.00005
140.00	13.00	0.00005	140.00	11.00	0.00005
140.00	9.00	0.00005	140.00	-9.00	0.00005

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

140.00	-11.00	0.00005	140.00	-13.00	0.00005
140.00	-15.00	0.00005	140.00	-17.00	0.00005
140.00	-20.00	0.00005	140.00	-25.00	0.00005
140.00	-30.00	0.00005	140.00	-40.00	0.00005
140.00	-50.00	0.00005	140.00	-60.00	0.00005
140.00	-70.00	0.00005	140.00	-80.00	0.00005
140.00	-90.00	0.00005	140.00	-100.00	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00007	150.00	90.00	0.00006
150.00	80.00	0.00006	150.00	70.00	0.00006
150.00	60.00	0.00006	150.00	50.00	0.00006
150.00	40.00	0.00005	150.00	30.00	0.00005
150.00	25.00	0.00005	150.00	20.00	0.00005
150.00	17.00	0.00005	150.00	15.00	0.00005
150.00	13.00	0.00005	150.00	11.00	0.00005
150.00	9.00	0.00005	150.00	-9.00	0.00005
150.00	-11.00	0.00005	150.00	-13.00	0.00005
150.00	-15.00	0.00005	150.00	-17.00	0.00005
150.00	-20.00	0.00005	150.00	-25.00	0.00005
150.00	-30.00	0.00005	150.00	-40.00	0.00005
150.00	-50.00	0.00004	150.00	-60.00	0.00004
150.00	-70.00	0.00004	150.00	-80.00	0.00004
150.00	-90.00	0.00004	150.00	-100.00	0.00004
160.00	100.00	0.00006	160.00	90.00	0.00006
160.00	80.00	0.00006	160.00	70.00	0.00006
160.00	60.00	0.00006	160.00	50.00	0.00005
160.00	40.00	0.00005	160.00	30.00	0.00005
160.00	25.00	0.00005	160.00	20.00	0.00005
160.00	17.00	0.00005	160.00	15.00	0.00005
160.00	13.00	0.00005	160.00	11.00	0.00005
160.00	9.00	0.00005	160.00	-9.00	0.00005
160.00	-11.00	0.00005	160.00	-13.00	0.00005
160.00	-15.00	0.00004	160.00	-17.00	0.00004
160.00	-20.00	0.00004	160.00	-25.00	0.00004
160.00	-30.00	0.00004	160.00	-40.00	0.00004

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

160.00	-50.00	0.00004	160.00	-60.00	0.00004
160.00	-70.00	0.00004	160.00	-80.00	0.00004
160.00	-90.00	0.00004	160.00	-100.00	0.00004
170.00	100.00	0.00006	170.00	90.00	0.00006
170.00	80.00	0.00006	170.00	70.00	0.00005
170.00	60.00	0.00005	170.00	50.00	0.00005
170.00	40.00	0.00005	170.00	30.00	0.00005
170.00	25.00	0.00005	170.00	20.00	0.00005
170.00	17.00	0.00005	170.00	15.00	0.00005
170.00	13.00	0.00004	170.00	11.00	0.00004
170.00	9.00	0.00004	170.00	-9.00	0.00004
170.00	-11.00	0.00004	170.00	-13.00	0.00004
170.00	-15.00	0.00004	170.00	-17.00	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00004	170.00	-25.00	0.00004
170.00	-30.00	0.00004	170.00	-40.00	0.00004
170.00	-50.00	0.00004	170.00	-60.00	0.00004
170.00	-70.00	0.00004	170.00	-80.00	0.00004
170.00	-90.00	0.00004	170.00	-100.00	0.00004
180.00	100.00	0.00005	180.00	90.00	0.00005
180.00	80.00	0.00005	180.00	70.00	0.00005
180.00	60.00	0.00005	180.00	50.00	0.00005
180.00	40.00	0.00005	180.00	30.00	0.00004
180.00	25.00	0.00004	180.00	20.00	0.00004
180.00	17.00	0.00004	180.00	15.00	0.00004
180.00	13.00	0.00004	180.00	11.00	0.00004
180.00	9.00	0.00004	180.00	-9.00	0.00004
180.00	-11.00	0.00004	180.00	-13.00	0.00004
180.00	-15.00	0.00004	180.00	-17.00	0.00004
180.00	-20.00	0.00004	180.00	-25.00	0.00004
180.00	-30.00	0.00004	180.00	-40.00	0.00004
180.00	-50.00	0.00004	180.00	-60.00	0.00004
180.00	-70.00	0.00004	180.00	-80.00	0.00004
180.00	-90.00	0.00004	180.00	-100.00	0.00004
190.00	100.00	0.00005	190.00	90.00	0.00005

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

190.00	80.00	0.00005	190.00	70.00	0.00005
190.00	60.00	0.00005	190.00	50.00	0.00004
190.00	40.00	0.00004	190.00	30.00	0.00004
190.00	25.00	0.00004	190.00	20.00	0.00004
190.00	17.00	0.00004	190.00	15.00	0.00004
190.00	13.00	0.00004	190.00	11.00	0.00004
190.00	9.00	0.00004	190.00	-9.00	0.00004
190.00	-11.00	0.00004	190.00	-13.00	0.00004
190.00	-15.00	0.00004	190.00	-17.00	0.00004
190.00	-20.00	0.00004	190.00	-25.00	0.00004
190.00	-30.00	0.00004	190.00	-40.00	0.00004
190.00	-50.00	0.00004	190.00	-60.00	0.00004
190.00	-70.00	0.00003	190.00	-80.00	0.00003
190.00	-90.00	0.00003	190.00	-100.00	0.00003
200.00	100.00	0.00005	200.00	90.00	0.00005
200.00	80.00	0.00005	200.00	70.00	0.00005
200.00	60.00	0.00004	200.00	50.00	0.00004
200.00	40.00	0.00004	200.00	30.00	0.00004
200.00	25.00	0.00004	200.00	20.00	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00004	200.00	15.00	0.00004
200.00	13.00	0.00004	200.00	11.00	0.00004
200.00	9.00	0.00004	200.00	-9.00	0.00004
200.00	-11.00	0.00004	200.00	-13.00	0.00004
200.00	-15.00	0.00004	200.00	-17.00	0.00004
200.00	-20.00	0.00004	200.00	-25.00	0.00004
200.00	-30.00	0.00004	200.00	-40.00	0.00004
200.00	-50.00	0.00003	200.00	-60.00	0.00003
200.00	-70.00	0.00003	200.00	-80.00	0.00003
200.00	-90.00	0.00003	200.00	-100.00	0.00003
210.00	100.00	0.00005	210.00	90.00	0.00005
210.00	80.00	0.00004	210.00	70.00	0.00004
210.00	60.00	0.00004	210.00	50.00	0.00004
210.00	40.00	0.00004	210.00	30.00	0.00004
210.00	25.00	0.00004	210.00	20.00	0.00004

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

210.00	17.00	0.00004	210.00	15.00	0.00004
210.00	13.00	0.00004	210.00	11.00	0.00004
210.00	9.00	0.00004	210.00	-9.00	0.00004
210.00	-11.00	0.00004	210.00	-13.00	0.00003
210.00	-15.00	0.00003	210.00	-17.00	0.00003
210.00	-20.00	0.00003	210.00	-25.00	0.00003
210.00	-30.00	0.00003	210.00	-40.00	0.00003
210.00	-50.00	0.00003	210.00	-60.00	0.00003
210.00	-70.00	0.00003	210.00	-80.00	0.00003
210.00	-90.00	0.00003	210.00	-100.00	0.00003
220.00	100.00	0.00004	220.00	90.00	0.00004
220.00	80.00	0.00004	220.00	70.00	0.00004
220.00	60.00	0.00004	220.00	50.00	0.00004
220.00	40.00	0.00004	220.00	30.00	0.00004
220.00	25.00	0.00004	220.00	20.00	0.00004
220.00	17.00	0.00004	220.00	15.00	0.00003
220.00	13.00	0.00003	220.00	11.00	0.00003
220.00	9.00	0.00003	220.00	-9.00	0.00003
220.00	-11.00	0.00003	220.00	-13.00	0.00003
220.00	-15.00	0.00003	220.00	-17.00	0.00003
220.00	-20.00	0.00003	220.00	-25.00	0.00003
220.00	-30.00	0.00003	220.00	-40.00	0.00003
220.00	-50.00	0.00003	220.00	-60.00	0.00003
220.00	-70.00	0.00003	220.00	-80.00	0.00003
220.00	-90.00	0.00003	220.00	-100.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
 PAGE 121

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00004	230.00	90.00	0.00004
230.00	80.00	0.00004	230.00	70.00	0.00004
230.00	60.00	0.00004	230.00	50.00	0.00004
230.00	40.00	0.00004	230.00	30.00	0.00003
230.00	25.00	0.00003	230.00	20.00	0.00003
230.00	17.00	0.00003	230.00	15.00	0.00003
230.00	13.00	0.00003	230.00	11.00	0.00003
230.00	9.00	0.00003	230.00	-9.00	0.00003
230.00	-11.00	0.00003	230.00	-13.00	0.00003

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

230.00	-15.00	0.00003	230.00	-17.00	0.00003
230.00	-20.00	0.00003	230.00	-25.00	0.00003
230.00	-30.00	0.00003	230.00	-40.00	0.00003
230.00	-50.00	0.00003	230.00	-60.00	0.00003
230.00	-70.00	0.00003	230.00	-80.00	0.00003
230.00	-90.00	0.00003	230.00	-100.00	0.00003
240.00	100.00	0.00004	240.00	90.00	0.00004
240.00	80.00	0.00004	240.00	70.00	0.00004
240.00	60.00	0.00004	240.00	50.00	0.00003
240.00	40.00	0.00003	240.00	30.00	0.00003
240.00	25.00	0.00003	240.00	20.00	0.00003
240.00	17.00	0.00003	240.00	15.00	0.00003
240.00	13.00	0.00003	240.00	11.00	0.00003
240.00	9.00	0.00003	240.00	-9.00	0.00003
240.00	-11.00	0.00003	240.00	-13.00	0.00003
240.00	-15.00	0.00003	240.00	-17.00	0.00003
240.00	-20.00	0.00003	240.00	-25.00	0.00003
240.00	-30.00	0.00003	240.00	-40.00	0.00003
240.00	-50.00	0.00003	240.00	-60.00	0.00003
240.00	-70.00	0.00003	240.00	-80.00	0.00003
240.00	-90.00	0.00003	240.00	-100.00	0.00003
250.00	100.00	0.00004	250.00	90.00	0.00004
250.00	80.00	0.00004	250.00	70.00	0.00004
250.00	60.00	0.00003	250.00	50.00	0.00003
250.00	40.00	0.00003	250.00	30.00	0.00003
250.00	25.00	0.00003	250.00	20.00	0.00003
250.00	17.00	0.00003	250.00	15.00	0.00003
250.00	13.00	0.00003	250.00	11.00	0.00003
250.00	9.00	0.00003	250.00	-9.00	0.00003
250.00	-11.00	0.00003	250.00	-13.00	0.00003
250.00	-15.00	0.00003	250.00	-17.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
 PAGE 122

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00003	250.00	-25.00	0.00003
250.00	-30.00	0.00003	250.00	-40.00	0.00003
250.00	-50.00	0.00003	250.00	-60.00	0.00003

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

250.00 -70.00 0.00003 250.00 -80.00 0.00003
250.00 -90.00 0.00003 250.00 -100.00 0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
PAGE 123
CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00088	-250.00	90.00	0.00093
-250.00	80.00	0.00099	-250.00	70.00	0.00104
-250.00	60.00	0.00111	-250.00	50.00	0.00118
-250.00	40.00	0.00129	-250.00	30.00	0.00147
-250.00	25.00	0.00159	-250.00	20.00	0.00174
-250.00	17.00	0.00185	-250.00	15.00	0.00193
-250.00	13.00	0.00201	-250.00	11.00	0.00210
-250.00	9.00	0.00219	-250.00	-9.00	0.00296
-250.00	-11.00	0.00304	-250.00	-13.00	0.00311
-250.00	-15.00	0.00317	-250.00	-17.00	0.00322
-250.00	-20.00	0.00327	-250.00	-25.00	0.00333
-250.00	-30.00	0.00335	-250.00	-40.00	0.00327
-250.00	-50.00	0.00312	-250.00	-60.00	0.00294
-250.00	-70.00	0.00276	-250.00	-80.00	0.00258
-250.00	-90.00	0.00241	-250.00	-100.00	0.00226
-240.00	100.00	0.00105	-240.00	90.00	0.00113
-240.00	80.00	0.00121	-240.00	70.00	0.00130
-240.00	60.00	0.00139	-240.00	50.00	0.00148
-240.00	40.00	0.00158	-240.00	30.00	0.00170
-240.00	25.00	0.00180	-240.00	20.00	0.00193
-240.00	17.00	0.00204	-240.00	15.00	0.00213
-240.00	13.00	0.00223	-240.00	11.00	0.00234
-240.00	9.00	0.00246	-240.00	-9.00	0.00365
-240.00	-11.00	0.00374	-240.00	-13.00	0.00381
-240.00	-15.00	0.00387	-240.00	-17.00	0.00391
-240.00	-20.00	0.00395	-240.00	-25.00	0.00397
-240.00	-30.00	0.00393	-240.00	-40.00	0.00376
-240.00	-50.00	0.00353	-240.00	-60.00	0.00329
-240.00	-70.00	0.00304	-240.00	-80.00	0.00282
-240.00	-90.00	0.00261	-240.00	-100.00	0.00242
-230.00	100.00	0.00126	-230.00	90.00	0.00137
-230.00	80.00	0.00150	-230.00	70.00	0.00164

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-230.00	60.00	0.00181	-230.00	50.00	0.00199
-230.00	40.00	0.00218	-230.00	30.00	0.00237
-230.00	25.00	0.00246	-230.00	20.00	0.00254
-230.00	17.00	0.00258	-230.00	15.00	0.00262
-230.00	13.00	0.00267	-230.00	11.00	0.00274
-230.00	9.00	0.00285	-230.00	-9.00	0.00472
-230.00	-11.00	0.00477	-230.00	-13.00	0.00479
-230.00	-15.00	0.00479	-230.00	-17.00	0.00479

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:
 PAGE 124

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00477	-230.00	-25.00	0.00470
-230.00	-30.00	0.00458	-230.00	-40.00	0.00428
-230.00	-50.00	0.00395	-230.00	-60.00	0.00362
-230.00	-70.00	0.00331	-230.00	-80.00	0.00303
-230.00	-90.00	0.00278	-230.00	-100.00	0.00256
-220.00	100.00	0.00147	-220.00	90.00	0.00163
-220.00	80.00	0.00181	-220.00	70.00	0.00203
-220.00	60.00	0.00229	-220.00	50.00	0.00261
-220.00	40.00	0.00300	-220.00	30.00	0.00348
-220.00	25.00	0.00376	-220.00	20.00	0.00408
-220.00	17.00	0.00428	-220.00	15.00	0.00444
-220.00	13.00	0.00460	-220.00	11.00	0.00480
-220.00	9.00	0.00505	-220.00	-9.00	0.00595
-220.00	-11.00	0.00583	-220.00	-13.00	0.00573
-220.00	-15.00	0.00566	-220.00	-17.00	0.00558
-220.00	-20.00	0.00548	-220.00	-25.00	0.00530
-220.00	-30.00	0.00511	-220.00	-40.00	0.00469
-220.00	-50.00	0.00427	-220.00	-60.00	0.00388
-220.00	-70.00	0.00352	-220.00	-80.00	0.00321
-220.00	-90.00	0.00293	-220.00	-100.00	0.00269
-210.00	100.00	0.00169	-210.00	90.00	0.00188
-210.00	80.00	0.00212	-210.00	70.00	0.00240
-210.00	60.00	0.00275	-210.00	50.00	0.00319
-210.00	40.00	0.00373	-210.00	30.00	0.00440
-210.00	25.00	0.00479	-210.00	20.00	0.00522
-210.00	17.00	0.00548	-210.00	15.00	0.00566

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-210.00	13.00	0.00584	-210.00	11.00	0.00602
-210.00	9.00	0.00623	-210.00	-9.00	0.00633
-210.00	-11.00	0.00622	-210.00	-13.00	0.00614
-210.00	-15.00	0.00607	-210.00	-17.00	0.00601
-210.00	-20.00	0.00590	-210.00	-25.00	0.00569
-210.00	-30.00	0.00547	-210.00	-40.00	0.00499
-210.00	-50.00	0.00452	-210.00	-60.00	0.00408
-210.00	-70.00	0.00369	-210.00	-80.00	0.00335
-210.00	-90.00	0.00305	-210.00	-100.00	0.00279
-200.00	100.00	0.00189	-200.00	90.00	0.00212
-200.00	80.00	0.00239	-200.00	70.00	0.00273
-200.00	60.00	0.00314	-200.00	50.00	0.00365
-200.00	40.00	0.00427	-200.00	30.00	0.00502
-200.00	25.00	0.00544	-200.00	20.00	0.00588

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

PAGE 125

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00613	-200.00	15.00	0.00630
-200.00	13.00	0.00646	-200.00	11.00	0.00661
-200.00	9.00	0.00678	-200.00	-9.00	0.00656
-200.00	-11.00	0.00644	-200.00	-13.00	0.00635
-200.00	-15.00	0.00628	-200.00	-17.00	0.00621
-200.00	-20.00	0.00611	-200.00	-25.00	0.00592
-200.00	-30.00	0.00571	-200.00	-40.00	0.00522
-200.00	-50.00	0.00472	-200.00	-60.00	0.00425
-200.00	-70.00	0.00383	-200.00	-80.00	0.00346
-200.00	-90.00	0.00315	-200.00	-100.00	0.00287
-190.00	100.00	0.00207	-190.00	90.00	0.00232
-190.00	80.00	0.00263	-190.00	70.00	0.00300
-190.00	60.00	0.00345	-190.00	50.00	0.00399
-190.00	40.00	0.00465	-190.00	30.00	0.00543
-190.00	25.00	0.00585	-190.00	20.00	0.00628
-190.00	17.00	0.00653	-190.00	15.00	0.00668
-190.00	13.00	0.00682	-190.00	11.00	0.00696
-190.00	9.00	0.00710	-190.00	-9.00	0.00674
-190.00	-11.00	0.00661	-190.00	-13.00	0.00652
-190.00	-15.00	0.00643	-190.00	-17.00	0.00636

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-190.00	-20.00	0.00625	-190.00	-25.00	0.00606
-190.00	-30.00	0.00585	-190.00	-40.00	0.00538
-190.00	-50.00	0.00487	-190.00	-60.00	0.00439
-190.00	-70.00	0.00395	-190.00	-80.00	0.00357
-190.00	-90.00	0.00323	-190.00	-100.00	0.00295
-180.00	100.00	0.00223	-180.00	90.00	0.00250
-180.00	80.00	0.00283	-180.00	70.00	0.00322
-180.00	60.00	0.00369	-180.00	50.00	0.00426
-180.00	40.00	0.00494	-180.00	30.00	0.00571
-180.00	25.00	0.00613	-180.00	20.00	0.00655
-180.00	17.00	0.00678	-180.00	15.00	0.00692
-180.00	13.00	0.00706	-180.00	11.00	0.00719
-180.00	9.00	0.00732	-180.00	-9.00	0.00687
-180.00	-11.00	0.00674	-180.00	-13.00	0.00664
-180.00	-15.00	0.00656	-180.00	-17.00	0.00648
-180.00	-20.00	0.00636	-180.00	-25.00	0.00616
-180.00	-30.00	0.00594	-180.00	-40.00	0.00547
-180.00	-50.00	0.00498	-180.00	-60.00	0.00449
-180.00	-70.00	0.00405	-180.00	-80.00	0.00366
-180.00	-90.00	0.00331	-180.00	-100.00	0.00302

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
 PAGE 126

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00236	-170.00	90.00	0.00264
-170.00	80.00	0.00298	-170.00	70.00	0.00339
-170.00	60.00	0.00388	-170.00	50.00	0.00446
-170.00	40.00	0.00514	-170.00	30.00	0.00592
-170.00	25.00	0.00633	-170.00	20.00	0.00673
-170.00	17.00	0.00696	-170.00	15.00	0.00710
-170.00	13.00	0.00723	-170.00	11.00	0.00734
-170.00	9.00	0.00747	-170.00	-9.00	0.00697
-170.00	-11.00	0.00684	-170.00	-13.00	0.00674
-170.00	-15.00	0.00666	-170.00	-17.00	0.00658
-170.00	-20.00	0.00645	-170.00	-25.00	0.00624
-170.00	-30.00	0.00602	-170.00	-40.00	0.00554
-170.00	-50.00	0.00504	-170.00	-60.00	0.00457
-170.00	-70.00	0.00412	-170.00	-80.00	0.00373

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-170.00	-90.00	0.00338	-170.00	-100.00	0.00307
-160.00	100.00	0.00247	-160.00	90.00	0.00276
-160.00	80.00	0.00311	-160.00	70.00	0.00353
-160.00	60.00	0.00403	-160.00	50.00	0.00461
-160.00	40.00	0.00529	-160.00	30.00	0.00607
-160.00	25.00	0.00647	-160.00	20.00	0.00687
-160.00	17.00	0.00709	-160.00	15.00	0.00722
-160.00	13.00	0.00734	-160.00	11.00	0.00746
-160.00	9.00	0.00758	-160.00	-9.00	0.00705
-160.00	-11.00	0.00692	-160.00	-13.00	0.00682
-160.00	-15.00	0.00673	-160.00	-17.00	0.00665
-160.00	-20.00	0.00653	-160.00	-25.00	0.00631
-160.00	-30.00	0.00608	-160.00	-40.00	0.00559
-160.00	-50.00	0.00509	-160.00	-60.00	0.00462
-160.00	-70.00	0.00418	-160.00	-80.00	0.00378
-160.00	-90.00	0.00343	-160.00	-100.00	0.00312
-150.00	100.00	0.00256	-150.00	90.00	0.00286
-150.00	80.00	0.00322	-150.00	70.00	0.00365
-150.00	60.00	0.00414	-150.00	50.00	0.00473
-150.00	40.00	0.00541	-150.00	30.00	0.00617
-150.00	25.00	0.00658	-150.00	20.00	0.00697
-150.00	17.00	0.00719	-150.00	15.00	0.00732
-150.00	13.00	0.00744	-150.00	11.00	0.00755
-150.00	9.00	0.00766	-150.00	-9.00	0.00712
-150.00	-11.00	0.00698	-150.00	-13.00	0.00688
-150.00	-15.00	0.00679	-150.00	-17.00	0.00671

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTS:
 PAGE 127

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00658	-150.00	-25.00	0.00637
-150.00	-30.00	0.00614	-150.00	-40.00	0.00563
-150.00	-50.00	0.00513	-150.00	-60.00	0.00465
-150.00	-70.00	0.00421	-150.00	-80.00	0.00382
-150.00	-90.00	0.00347	-150.00	-100.00	0.00316
-140.00	100.00	0.00264	-140.00	90.00	0.00295
-140.00	80.00	0.00331	-140.00	70.00	0.00374
-140.00	60.00	0.00424	-140.00	50.00	0.00482

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-140.00	40.00	0.00550	-140.00	30.00	0.00626
-140.00	25.00	0.00666	-140.00	20.00	0.00705
-140.00	17.00	0.00726	-140.00	15.00	0.00738
-140.00	13.00	0.00750	-140.00	11.00	0.00762
-140.00	9.00	0.00774	-140.00	-9.00	0.00718
-140.00	-11.00	0.00703	-140.00	-13.00	0.00692
-140.00	-15.00	0.00683	-140.00	-17.00	0.00675
-140.00	-20.00	0.00663	-140.00	-25.00	0.00641
-140.00	-30.00	0.00618	-140.00	-40.00	0.00567
-140.00	-50.00	0.00516	-140.00	-60.00	0.00468
-140.00	-70.00	0.00424	-140.00	-80.00	0.00384
-140.00	-90.00	0.00349	-140.00	-100.00	0.00319
-130.00	100.00	0.00271	-130.00	90.00	0.00302
-130.00	80.00	0.00338	-130.00	70.00	0.00381
-130.00	60.00	0.00431	-130.00	50.00	0.00490
-130.00	40.00	0.00557	-130.00	30.00	0.00633
-130.00	25.00	0.00672	-130.00	20.00	0.00711
-130.00	17.00	0.00732	-130.00	15.00	0.00744
-130.00	13.00	0.00756	-130.00	11.00	0.00767
-130.00	9.00	0.00779	-130.00	-9.00	0.00721
-130.00	-11.00	0.00707	-130.00	-13.00	0.00696
-130.00	-15.00	0.00687	-130.00	-17.00	0.00679
-130.00	-20.00	0.00667	-130.00	-25.00	0.00645
-130.00	-30.00	0.00621	-130.00	-40.00	0.00570
-130.00	-50.00	0.00518	-130.00	-60.00	0.00470
-130.00	-70.00	0.00426	-130.00	-80.00	0.00386
-130.00	-90.00	0.00351	-130.00	-100.00	0.00320
-120.00	100.00	0.00277	-120.00	90.00	0.00308
-120.00	80.00	0.00344	-120.00	70.00	0.00387
-120.00	60.00	0.00437	-120.00	50.00	0.00496
-120.00	40.00	0.00563	-120.00	30.00	0.00638
-120.00	25.00	0.00677	-120.00	20.00	0.00715

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTS:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00736	-120.00	15.00	0.00749
-120.00	13.00	0.00760	-120.00	11.00	0.00770

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-120.00	9.00	0.00782	-120.00	-9.00	0.00723
-120.00	-11.00	0.00709	-120.00	-13.00	0.00699
-120.00	-15.00	0.00690	-120.00	-17.00	0.00682
-120.00	-20.00	0.00669	-120.00	-25.00	0.00648
-120.00	-30.00	0.00624	-120.00	-40.00	0.00573
-120.00	-50.00	0.00521	-120.00	-60.00	0.00471
-120.00	-70.00	0.00427	-120.00	-80.00	0.00387
-120.00	-90.00	0.00352	-120.00	-100.00	0.00321
-110.00	100.00	0.00282	-110.00	90.00	0.00313
-110.00	80.00	0.00349	-110.00	70.00	0.00392
-110.00	60.00	0.00442	-110.00	50.00	0.00501
-110.00	40.00	0.00568	-110.00	30.00	0.00642
-110.00	25.00	0.00681	-110.00	20.00	0.00719
-110.00	17.00	0.00740	-110.00	15.00	0.00752
-110.00	13.00	0.00763	-110.00	11.00	0.00773
-110.00	9.00	0.00785	-110.00	-9.00	0.00725
-110.00	-11.00	0.00712	-110.00	-13.00	0.00701
-110.00	-15.00	0.00692	-110.00	-17.00	0.00684
-110.00	-20.00	0.00671	-110.00	-25.00	0.00650
-110.00	-30.00	0.00626	-110.00	-40.00	0.00575
-110.00	-50.00	0.00522	-110.00	-60.00	0.00473
-110.00	-70.00	0.00428	-110.00	-80.00	0.00388
-110.00	-90.00	0.00353	-110.00	-100.00	0.00322
-100.00	100.00	0.00286	-100.00	90.00	0.00317
-100.00	80.00	0.00353	-100.00	70.00	0.00396
-100.00	60.00	0.00446	-100.00	50.00	0.00504
-100.00	40.00	0.00571	-100.00	30.00	0.00646
-100.00	25.00	0.00684	-100.00	20.00	0.00722
-100.00	17.00	0.00742	-100.00	15.00	0.00754
-100.00	13.00	0.00766	-100.00	11.00	0.00776
-100.00	9.00	0.00787	-100.00	-9.00	0.00727
-100.00	-11.00	0.00714	-100.00	-13.00	0.00703
-100.00	-15.00	0.00694	-100.00	-17.00	0.00686
-100.00	-20.00	0.00673	-100.00	-25.00	0.00651
-100.00	-30.00	0.00628	-100.00	-40.00	0.00576
-100.00	-50.00	0.00524	-100.00	-60.00	0.00474
-100.00	-70.00	0.00428	-100.00	-80.00	0.00388
-100.00	-90.00	0.00353	-100.00	-100.00	0.00322

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00289	-90.00	90.00	0.00320
-90.00	80.00	0.00357	-90.00	70.00	0.00399
-90.00	60.00	0.00449	-90.00	50.00	0.00507
-90.00	40.00	0.00574	-90.00	30.00	0.00648
-90.00	25.00	0.00687	-90.00	20.00	0.00724
-90.00	17.00	0.00744	-90.00	15.00	0.00756
-90.00	13.00	0.00767	-90.00	11.00	0.00778
-90.00	9.00	0.00789	-90.00	-9.00	0.00729
-90.00	-11.00	0.00715	-90.00	-13.00	0.00704
-90.00	-15.00	0.00695	-90.00	-17.00	0.00687
-90.00	-20.00	0.00674	-90.00	-25.00	0.00652
-90.00	-30.00	0.00629	-90.00	-40.00	0.00577
-90.00	-50.00	0.00524	-90.00	-60.00	0.00474
-90.00	-70.00	0.00429	-90.00	-80.00	0.00389
-90.00	-90.00	0.00353	-90.00	-100.00	0.00322
-80.00	100.00	0.00292	-80.00	90.00	0.00323
-80.00	80.00	0.00359	-80.00	70.00	0.00402
-80.00	60.00	0.00452	-80.00	50.00	0.00510
-80.00	40.00	0.00576	-80.00	30.00	0.00650
-80.00	25.00	0.00688	-80.00	20.00	0.00725
-80.00	17.00	0.00746	-80.00	15.00	0.00758
-80.00	13.00	0.00769	-80.00	11.00	0.00779
-80.00	9.00	0.00790	-80.00	-9.00	0.00730
-80.00	-11.00	0.00716	-80.00	-13.00	0.00705
-80.00	-15.00	0.00696	-80.00	-17.00	0.00688
-80.00	-20.00	0.00675	-80.00	-25.00	0.00653
-80.00	-30.00	0.00629	-80.00	-40.00	0.00578
-80.00	-50.00	0.00525	-80.00	-60.00	0.00475
-80.00	-70.00	0.00429	-80.00	-80.00	0.00388
-80.00	-90.00	0.00353	-80.00	-100.00	0.00322
-70.00	100.00	0.00294	-70.00	90.00	0.00325
-70.00	80.00	0.00362	-70.00	70.00	0.00404
-70.00	60.00	0.00454	-70.00	50.00	0.00512
-70.00	40.00	0.00578	-70.00	30.00	0.00652
-70.00	25.00	0.00689	-70.00	20.00	0.00727
-70.00	17.00	0.00747	-70.00	15.00	0.00759
-70.00	13.00	0.00770	-70.00	11.00	0.00780
-70.00	9.00	0.00791	-70.00	-9.00	0.00731
-70.00	-11.00	0.00717	-70.00	-13.00	0.00706
-70.00	-15.00	0.00697	-70.00	-17.00	0.00688

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:14:39

**MODELOPTs:

PAGE 130

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00676	-70.00	-25.00	0.00653
-70.00	-30.00	0.00630	-70.00	-40.00	0.00578
-70.00	-50.00	0.00525	-70.00	-60.00	0.00475
-70.00	-70.00	0.00429	-70.00	-80.00	0.00388
-70.00	-90.00	0.00352	-70.00	-100.00	0.00321
-60.00	100.00	0.00296	-60.00	90.00	0.00327
-60.00	80.00	0.00364	-60.00	70.00	0.00406
-60.00	60.00	0.00456	-60.00	50.00	0.00513
-60.00	40.00	0.00579	-60.00	30.00	0.00652
-60.00	25.00	0.00691	-60.00	20.00	0.00728
-60.00	17.00	0.00748	-60.00	15.00	0.00760
-60.00	13.00	0.00771	-60.00	11.00	0.00781
-60.00	9.00	0.00792	-60.00	-9.00	0.00732
-60.00	-11.00	0.00717	-60.00	-13.00	0.00706
-60.00	-15.00	0.00697	-60.00	-17.00	0.00688
-60.00	-20.00	0.00676	-60.00	-25.00	0.00654
-60.00	-30.00	0.00630	-60.00	-40.00	0.00578
-60.00	-50.00	0.00525	-60.00	-60.00	0.00474
-60.00	-70.00	0.00428	-60.00	-80.00	0.00387
-60.00	-90.00	0.00351	-60.00	-100.00	0.00320
-50.00	100.00	0.00298	-50.00	90.00	0.00329
-50.00	80.00	0.00365	-50.00	70.00	0.00407
-50.00	60.00	0.00457	-50.00	50.00	0.00514
-50.00	40.00	0.00580	-50.00	30.00	0.00653
-50.00	25.00	0.00691	-50.00	20.00	0.00728
-50.00	17.00	0.00748	-50.00	15.00	0.00760
-50.00	13.00	0.00771	-50.00	11.00	0.00782
-50.00	9.00	0.00793	-50.00	-9.00	0.00732
-50.00	-11.00	0.00717	-50.00	-13.00	0.00706
-50.00	-15.00	0.00697	-50.00	-17.00	0.00688
-50.00	-20.00	0.00675	-50.00	-25.00	0.00653
-50.00	-30.00	0.00629	-50.00	-40.00	0.00578
-50.00	-50.00	0.00525	-50.00	-60.00	0.00474
-50.00	-70.00	0.00428	-50.00	-80.00	0.00387

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-50.00	-90.00	0.00350	-50.00	-100.00	0.00319
-40.00	100.00	0.00299	-40.00	90.00	0.00330
-40.00	80.00	0.00366	-40.00	70.00	0.00408
-40.00	60.00	0.00458	-40.00	50.00	0.00515
-40.00	40.00	0.00580	-40.00	30.00	0.00653
-40.00	25.00	0.00692	-40.00	20.00	0.00728

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00748	-40.00	15.00	0.00760
-40.00	13.00	0.00771	-40.00	11.00	0.00781
-40.00	9.00	0.00793	-40.00	-9.00	0.00731
-40.00	-11.00	0.00717	-40.00	-13.00	0.00706
-40.00	-15.00	0.00697	-40.00	-17.00	0.00688
-40.00	-20.00	0.00675	-40.00	-25.00	0.00653
-40.00	-30.00	0.00629	-40.00	-40.00	0.00577
-40.00	-50.00	0.00524	-40.00	-60.00	0.00473
-40.00	-70.00	0.00427	-40.00	-80.00	0.00385
-40.00	-90.00	0.00349	-40.00	-100.00	0.00317
-30.00	100.00	0.00301	-30.00	90.00	0.00331
-30.00	80.00	0.00367	-30.00	70.00	0.00409
-30.00	60.00	0.00458	-30.00	50.00	0.00515
-30.00	40.00	0.00581	-30.00	30.00	0.00654
-30.00	25.00	0.00692	-30.00	20.00	0.00728
-30.00	17.00	0.00748	-30.00	15.00	0.00760
-30.00	13.00	0.00771	-30.00	11.00	0.00781
-30.00	9.00	0.00792	-30.00	-9.00	0.00730
-30.00	-11.00	0.00716	-30.00	-13.00	0.00705
-30.00	-15.00	0.00696	-30.00	-17.00	0.00687
-30.00	-20.00	0.00674	-30.00	-25.00	0.00652
-30.00	-30.00	0.00628	-30.00	-40.00	0.00576
-30.00	-50.00	0.00523	-30.00	-60.00	0.00472
-30.00	-70.00	0.00426	-30.00	-80.00	0.00384
-30.00	-90.00	0.00348	-30.00	-100.00	0.00316
-20.00	100.00	0.00301	-20.00	90.00	0.00332
-20.00	80.00	0.00368	-20.00	70.00	0.00410
-20.00	60.00	0.00458	-20.00	50.00	0.00515

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

-20.00	40.00	0.00581	-20.00	30.00	0.00653
-20.00	25.00	0.00691	-20.00	20.00	0.00728
-20.00	17.00	0.00748	-20.00	15.00	0.00759
-20.00	13.00	0.00770	-20.00	11.00	0.00780
-20.00	9.00	0.00791	-20.00	-9.00	0.00729
-20.00	-11.00	0.00715	-20.00	-13.00	0.00704
-20.00	-15.00	0.00695	-20.00	-17.00	0.00686
-20.00	-20.00	0.00673	-20.00	-25.00	0.00651
-20.00	-30.00	0.00627	-20.00	-40.00	0.00575
-20.00	-50.00	0.00521	-20.00	-60.00	0.00470
-20.00	-70.00	0.00424	-20.00	-80.00	0.00382
-20.00	-90.00	0.00346	-20.00	-100.00	0.00314

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00302	-10.00	90.00	0.00333
-10.00	80.00	0.00368	-10.00	70.00	0.00410
-10.00	60.00	0.00458	-10.00	50.00	0.00515
-10.00	40.00	0.00580	-10.00	30.00	0.00653
-10.00	25.00	0.00691	-10.00	20.00	0.00727
-10.00	17.00	0.00747	-10.00	15.00	0.00758
-10.00	13.00	0.00769	-10.00	11.00	0.00779
-10.00	9.00	0.00790	-10.00	-9.00	0.00727
-10.00	-11.00	0.00714	-10.00	-13.00	0.00703
-10.00	-15.00	0.00694	-10.00	-17.00	0.00685
-10.00	-20.00	0.00672	-10.00	-25.00	0.00650
-10.00	-30.00	0.00625	-10.00	-40.00	0.00573
-10.00	-50.00	0.00520	-10.00	-60.00	0.00469
-10.00	-70.00	0.00422	-10.00	-80.00	0.00380
-10.00	-90.00	0.00344	-10.00	-100.00	0.00312
0.00	100.00	0.00303	0.00	90.00	0.00333
0.00	80.00	0.00368	0.00	70.00	0.00410
0.00	60.00	0.00458	0.00	50.00	0.00515
0.00	40.00	0.00580	0.00	30.00	0.00652
0.00	25.00	0.00690	0.00	20.00	0.00726
0.00	17.00	0.00745	0.00	15.00	0.00757
0.00	13.00	0.00768	0.00	11.00	0.00778

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

0.00	9.00	0.00789	0.00	-9.00	0.00726
0.00	-11.00	0.00712	0.00	-13.00	0.00701
0.00	-15.00	0.00692	0.00	-17.00	0.00683
0.00	-20.00	0.00670	0.00	-25.00	0.00648
0.00	-30.00	0.00624	0.00	-40.00	0.00571
0.00	-50.00	0.00518	0.00	-60.00	0.00466
0.00	-70.00	0.00420	0.00	-80.00	0.00378
0.00	-90.00	0.00341	0.00	-100.00	0.00309
10.00	100.00	0.00303	10.00	90.00	0.00333
10.00	80.00	0.00368	10.00	70.00	0.00409
10.00	60.00	0.00458	10.00	50.00	0.00514
10.00	40.00	0.00579	10.00	30.00	0.00651
10.00	25.00	0.00689	10.00	20.00	0.00724
10.00	17.00	0.00744	10.00	15.00	0.00756
10.00	13.00	0.00767	10.00	11.00	0.00777
10.00	9.00	0.00787	10.00	-9.00	0.00725
10.00	-11.00	0.00711	10.00	-13.00	0.00700
10.00	-15.00	0.00690	10.00	-17.00	0.00682

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

PAGE 133

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00669	10.00	-25.00	0.00646
10.00	-30.00	0.00622	10.00	-40.00	0.00569
10.00	-50.00	0.00515	10.00	-60.00	0.00464
10.00	-70.00	0.00417	10.00	-80.00	0.00375
10.00	-90.00	0.00339	10.00	-100.00	0.00307
20.00	100.00	0.00303	20.00	90.00	0.00333
20.00	80.00	0.00368	20.00	70.00	0.00409
20.00	60.00	0.00457	20.00	50.00	0.00513
20.00	40.00	0.00578	20.00	30.00	0.00650
20.00	25.00	0.00687	20.00	20.00	0.00723
20.00	17.00	0.00743	20.00	15.00	0.00755
20.00	13.00	0.00765	20.00	11.00	0.00775
20.00	9.00	0.00785	20.00	-9.00	0.00723
20.00	-11.00	0.00709	20.00	-13.00	0.00698
20.00	-15.00	0.00688	20.00	-17.00	0.00680
20.00	-20.00	0.00666	20.00	-25.00	0.00644

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

20.00	-30.00	0.00619	20.00	-40.00	0.00567
20.00	-50.00	0.00513	20.00	-60.00	0.00461
20.00	-70.00	0.00414	20.00	-80.00	0.00372
20.00	-90.00	0.00336	20.00	-100.00	0.00304
30.00	100.00	0.00303	30.00	90.00	0.00333
30.00	80.00	0.00367	30.00	70.00	0.00408
30.00	60.00	0.00456	30.00	50.00	0.00512
30.00	40.00	0.00576	30.00	30.00	0.00648
30.00	25.00	0.00685	30.00	20.00	0.00722
30.00	17.00	0.00741	30.00	15.00	0.00753
30.00	13.00	0.00763	30.00	11.00	0.00773
30.00	9.00	0.00784	30.00	-9.00	0.00721
30.00	-11.00	0.00707	30.00	-13.00	0.00695
30.00	-15.00	0.00686	30.00	-17.00	0.00677
30.00	-20.00	0.00664	30.00	-25.00	0.00641
30.00	-30.00	0.00616	30.00	-40.00	0.00563
30.00	-50.00	0.00509	30.00	-60.00	0.00458
30.00	-70.00	0.00411	30.00	-80.00	0.00369
30.00	-90.00	0.00332	30.00	-100.00	0.00300
40.00	100.00	0.00303	40.00	90.00	0.00332
40.00	80.00	0.00367	40.00	70.00	0.00407
40.00	60.00	0.00455	40.00	50.00	0.00511
40.00	40.00	0.00575	40.00	30.00	0.00646
40.00	25.00	0.00683	40.00	20.00	0.00719

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

PAGE 134

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00739	40.00	15.00	0.00750
40.00	13.00	0.00761	40.00	11.00	0.00771
40.00	9.00	0.00782	40.00	-9.00	0.00719
40.00	-11.00	0.00704	40.00	-13.00	0.00692
40.00	-15.00	0.00683	40.00	-17.00	0.00674
40.00	-20.00	0.00661	40.00	-25.00	0.00638
40.00	-30.00	0.00613	40.00	-40.00	0.00560
40.00	-50.00	0.00506	40.00	-60.00	0.00454
40.00	-70.00	0.00407	40.00	-80.00	0.00365
40.00	-90.00	0.00328	40.00	-100.00	0.00297

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

50.00	100.00	0.00302	50.00	90.00	0.00332
50.00	80.00	0.00366	50.00	70.00	0.00406
50.00	60.00	0.00454	50.00	50.00	0.00509
50.00	40.00	0.00573	50.00	30.00	0.00644
50.00	25.00	0.00681	50.00	20.00	0.00717
50.00	17.00	0.00736	50.00	15.00	0.00748
50.00	13.00	0.00758	50.00	11.00	0.00768
50.00	9.00	0.00780	50.00	-9.00	0.00715
50.00	-11.00	0.00701	50.00	-13.00	0.00689
50.00	-15.00	0.00680	50.00	-17.00	0.00671
50.00	-20.00	0.00657	50.00	-25.00	0.00634
50.00	-30.00	0.00609	50.00	-40.00	0.00556
50.00	-50.00	0.00501	50.00	-60.00	0.00449
50.00	-70.00	0.00402	50.00	-80.00	0.00360
50.00	-90.00	0.00324	50.00	-100.00	0.00292
60.00	100.00	0.00302	60.00	90.00	0.00331
60.00	80.00	0.00365	60.00	70.00	0.00405
60.00	60.00	0.00452	60.00	50.00	0.00507
60.00	40.00	0.00571	60.00	30.00	0.00642
60.00	25.00	0.00679	60.00	20.00	0.00714
60.00	17.00	0.00733	60.00	15.00	0.00745
60.00	13.00	0.00755	60.00	11.00	0.00765
60.00	9.00	0.00776	60.00	-9.00	0.00710
60.00	-11.00	0.00696	60.00	-13.00	0.00686
60.00	-15.00	0.00676	60.00	-17.00	0.00667
60.00	-20.00	0.00653	60.00	-25.00	0.00630
60.00	-30.00	0.00605	60.00	-40.00	0.00552
60.00	-50.00	0.00497	60.00	-60.00	0.00444
60.00	-70.00	0.00397	60.00	-80.00	0.00356
60.00	-90.00	0.00319	60.00	-100.00	0.00288

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
 PAGE 135
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00301	70.00	90.00	0.00330
70.00	80.00	0.00364	70.00	70.00	0.00404
70.00	60.00	0.00450	70.00	50.00	0.00505
70.00	40.00	0.00568	70.00	30.00	0.00639

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

70.00	25.00	0.00675	70.00	20.00	0.00711
70.00	17.00	0.00730	70.00	15.00	0.00742
70.00	13.00	0.00752	70.00	11.00	0.00761
70.00	9.00	0.00772	70.00	-9.00	0.00706
70.00	-11.00	0.00692	70.00	-13.00	0.00681
70.00	-15.00	0.00671	70.00	-17.00	0.00662
70.00	-20.00	0.00649	70.00	-25.00	0.00626
70.00	-30.00	0.00601	70.00	-40.00	0.00546
70.00	-50.00	0.00491	70.00	-60.00	0.00439
70.00	-70.00	0.00391	70.00	-80.00	0.00350
70.00	-90.00	0.00314	70.00	-100.00	0.00282
80.00	100.00	0.00301	80.00	90.00	0.00330
80.00	80.00	0.00363	80.00	70.00	0.00402
80.00	60.00	0.00448	80.00	50.00	0.00503
80.00	40.00	0.00565	80.00	30.00	0.00635
80.00	25.00	0.00672	80.00	20.00	0.00707
80.00	17.00	0.00726	80.00	15.00	0.00737
80.00	13.00	0.00748	80.00	11.00	0.00757
80.00	9.00	0.00767	80.00	-9.00	0.00701
80.00	-11.00	0.00687	80.00	-13.00	0.00676
80.00	-15.00	0.00666	80.00	-17.00	0.00657
80.00	-20.00	0.00644	80.00	-25.00	0.00620
80.00	-30.00	0.00595	80.00	-40.00	0.00540
80.00	-50.00	0.00485	80.00	-60.00	0.00432
80.00	-70.00	0.00385	80.00	-80.00	0.00344
80.00	-90.00	0.00308	80.00	-100.00	0.00277
90.00	100.00	0.00300	90.00	90.00	0.00328
90.00	80.00	0.00362	90.00	70.00	0.00401
90.00	60.00	0.00446	90.00	50.00	0.00500
90.00	40.00	0.00562	90.00	30.00	0.00632
90.00	25.00	0.00668	90.00	20.00	0.00703
90.00	17.00	0.00721	90.00	15.00	0.00733
90.00	13.00	0.00743	90.00	11.00	0.00752
90.00	9.00	0.00763	90.00	-9.00	0.00696
90.00	-11.00	0.00681	90.00	-13.00	0.00670
90.00	-15.00	0.00660	90.00	-17.00	0.00651

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W_Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00638	90.00	-25.00	0.00614
90.00	-30.00	0.00588	90.00	-40.00	0.00533
90.00	-50.00	0.00477	90.00	-60.00	0.00425
90.00	-70.00	0.00378	90.00	-80.00	0.00337
90.00	-90.00	0.00301	90.00	-100.00	0.00270
100.00	100.00	0.00299	100.00	90.00	0.00327
100.00	80.00	0.00360	100.00	70.00	0.00399
100.00	60.00	0.00444	100.00	50.00	0.00497
100.00	40.00	0.00558	100.00	30.00	0.00627
100.00	25.00	0.00663	100.00	20.00	0.00698
100.00	17.00	0.00717	100.00	15.00	0.00728
100.00	13.00	0.00738	100.00	11.00	0.00747
100.00	9.00	0.00757	100.00	-9.00	0.00689
100.00	-11.00	0.00675	100.00	-13.00	0.00664
100.00	-15.00	0.00654	100.00	-17.00	0.00644
100.00	-20.00	0.00631	100.00	-25.00	0.00606
100.00	-30.00	0.00581	100.00	-40.00	0.00525
100.00	-50.00	0.00469	100.00	-60.00	0.00416
100.00	-70.00	0.00370	100.00	-80.00	0.00329
100.00	-90.00	0.00293	100.00	-100.00	0.00262
110.00	100.00	0.00297	110.00	90.00	0.00326
110.00	80.00	0.00359	110.00	70.00	0.00397
110.00	60.00	0.00442	110.00	50.00	0.00494
110.00	40.00	0.00554	110.00	30.00	0.00622
110.00	25.00	0.00658	110.00	20.00	0.00692
110.00	17.00	0.00711	110.00	15.00	0.00722
110.00	13.00	0.00732	110.00	11.00	0.00741
110.00	9.00	0.00751	110.00	-9.00	0.00682
110.00	-11.00	0.00667	110.00	-13.00	0.00656
110.00	-15.00	0.00646	110.00	-17.00	0.00636
110.00	-20.00	0.00622	110.00	-25.00	0.00598
110.00	-30.00	0.00571	110.00	-40.00	0.00515
110.00	-50.00	0.00459	110.00	-60.00	0.00407
110.00	-70.00	0.00360	110.00	-80.00	0.00320
110.00	-90.00	0.00285	110.00	-100.00	0.00254
120.00	100.00	0.00296	120.00	90.00	0.00324
120.00	80.00	0.00357	120.00	70.00	0.00395
120.00	60.00	0.00439	120.00	50.00	0.00490
120.00	40.00	0.00550	120.00	30.00	0.00616
120.00	25.00	0.00652	120.00	20.00	0.00686

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:14:39

**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00704	120.00	15.00	0.00715
120.00	13.00	0.00725	120.00	11.00	0.00734
120.00	9.00	0.00743	120.00	-9.00	0.00674
120.00	-11.00	0.00659	120.00	-13.00	0.00647
120.00	-15.00	0.00637	120.00	-17.00	0.00627
120.00	-20.00	0.00612	120.00	-25.00	0.00588
120.00	-30.00	0.00561	120.00	-40.00	0.00504
120.00	-50.00	0.00448	120.00	-60.00	0.00396
120.00	-70.00	0.00350	120.00	-80.00	0.00310
120.00	-90.00	0.00275	120.00	-100.00	0.00245
130.00	100.00	0.00294	130.00	90.00	0.00322
130.00	80.00	0.00354	130.00	70.00	0.00392
130.00	60.00	0.00436	130.00	50.00	0.00487
130.00	40.00	0.00545	130.00	30.00	0.00611
130.00	25.00	0.00645	130.00	20.00	0.00679
130.00	17.00	0.00696	130.00	15.00	0.00707
130.00	13.00	0.00717	130.00	11.00	0.00726
130.00	9.00	0.00736	130.00	-9.00	0.00664
130.00	-11.00	0.00648	130.00	-13.00	0.00636
130.00	-15.00	0.00625	130.00	-17.00	0.00615
130.00	-20.00	0.00601	130.00	-25.00	0.00575
130.00	-30.00	0.00548	130.00	-40.00	0.00490
130.00	-50.00	0.00435	130.00	-60.00	0.00383
130.00	-70.00	0.00338	130.00	-80.00	0.00298
130.00	-90.00	0.00264	130.00	-100.00	0.00235
140.00	100.00	0.00292	140.00	90.00	0.00320
140.00	80.00	0.00352	140.00	70.00	0.00389
140.00	60.00	0.00432	140.00	50.00	0.00482
140.00	40.00	0.00540	140.00	30.00	0.00604
140.00	25.00	0.00638	140.00	20.00	0.00670
140.00	17.00	0.00688	140.00	15.00	0.00698
140.00	13.00	0.00707	140.00	11.00	0.00716
140.00	9.00	0.00726	140.00	-9.00	0.00651
140.00	-11.00	0.00635	140.00	-13.00	0.00623
140.00	-15.00	0.00612	140.00	-17.00	0.00602
140.00	-20.00	0.00586	140.00	-25.00	0.00560

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

140.00	-30.00	0.00532	140.00	-40.00	0.00475
140.00	-50.00	0.00419	140.00	-60.00	0.00369
140.00	-70.00	0.00323	140.00	-80.00	0.00285
140.00	-90.00	0.00252	140.00	-100.00	0.00224

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
 PAGE 138
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00290	150.00	90.00	0.00317
150.00	80.00	0.00349	150.00	70.00	0.00386
150.00	60.00	0.00429	150.00	50.00	0.00478
150.00	40.00	0.00534	150.00	30.00	0.00596
150.00	25.00	0.00629	150.00	20.00	0.00660
150.00	17.00	0.00677	150.00	15.00	0.00688
150.00	13.00	0.00696	150.00	11.00	0.00704
150.00	9.00	0.00714	150.00	-9.00	0.00635
150.00	-11.00	0.00619	150.00	-13.00	0.00607
150.00	-15.00	0.00596	150.00	-17.00	0.00585
150.00	-20.00	0.00569	150.00	-25.00	0.00542
150.00	-30.00	0.00513	150.00	-40.00	0.00456
150.00	-50.00	0.00401	150.00	-60.00	0.00351
150.00	-70.00	0.00307	150.00	-80.00	0.00270
150.00	-90.00	0.00238	150.00	-100.00	0.00212
160.00	100.00	0.00286	160.00	90.00	0.00314
160.00	80.00	0.00346	160.00	70.00	0.00382
160.00	60.00	0.00425	160.00	50.00	0.00473
160.00	40.00	0.00528	160.00	30.00	0.00588
160.00	25.00	0.00619	160.00	20.00	0.00649
160.00	17.00	0.00666	160.00	15.00	0.00675
160.00	13.00	0.00683	160.00	11.00	0.00691
160.00	9.00	0.00699	160.00	-9.00	0.00616
160.00	-11.00	0.00600	160.00	-13.00	0.00587
160.00	-15.00	0.00575	160.00	-17.00	0.00564
160.00	-20.00	0.00547	160.00	-25.00	0.00519
160.00	-30.00	0.00490	160.00	-40.00	0.00434
160.00	-50.00	0.00380	160.00	-60.00	0.00331
160.00	-70.00	0.00289	160.00	-80.00	0.00253
160.00	-90.00	0.00223	160.00	-100.00	0.00199

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

170.00	100.00	0.00281	170.00	90.00	0.00309
170.00	80.00	0.00341	170.00	70.00	0.00378
170.00	60.00	0.00420	170.00	50.00	0.00468
170.00	40.00	0.00521	170.00	30.00	0.00580
170.00	25.00	0.00609	170.00	20.00	0.00637
170.00	17.00	0.00652	170.00	15.00	0.00660
170.00	13.00	0.00668	170.00	11.00	0.00675
170.00	9.00	0.00682	170.00	-9.00	0.00593
170.00	-11.00	0.00576	170.00	-13.00	0.00562
170.00	-15.00	0.00549	170.00	-17.00	0.00537

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:
 PAGE 139

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00520	170.00	-25.00	0.00491
170.00	-30.00	0.00463	170.00	-40.00	0.00407
170.00	-50.00	0.00354	170.00	-60.00	0.00308
170.00	-70.00	0.00268	170.00	-80.00	0.00235
170.00	-90.00	0.00208	170.00	-100.00	0.00185
180.00	100.00	0.00274	180.00	90.00	0.00302
180.00	80.00	0.00334	180.00	70.00	0.00371
180.00	60.00	0.00414	180.00	50.00	0.00461
180.00	40.00	0.00514	180.00	30.00	0.00570
180.00	25.00	0.00598	180.00	20.00	0.00623
180.00	17.00	0.00636	180.00	15.00	0.00644
180.00	13.00	0.00650	180.00	11.00	0.00656
180.00	9.00	0.00662	180.00	-9.00	0.00564
180.00	-11.00	0.00545	180.00	-13.00	0.00530
180.00	-15.00	0.00517	180.00	-17.00	0.00504
180.00	-20.00	0.00485	180.00	-25.00	0.00457
180.00	-30.00	0.00429	180.00	-40.00	0.00374
180.00	-50.00	0.00325	180.00	-60.00	0.00281
180.00	-70.00	0.00245	180.00	-80.00	0.00216
180.00	-90.00	0.00191	180.00	-100.00	0.00170
190.00	100.00	0.00264	190.00	90.00	0.00292
190.00	80.00	0.00324	190.00	70.00	0.00361
190.00	60.00	0.00404	190.00	50.00	0.00452
190.00	40.00	0.00505	190.00	30.00	0.00560

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

190.00	25.00	0.00586	190.00	20.00	0.00609
190.00	17.00	0.00620	190.00	15.00	0.00626
190.00	13.00	0.00631	190.00	11.00	0.00635
190.00	9.00	0.00639	190.00	-9.00	0.00526
190.00	-11.00	0.00506	190.00	-13.00	0.00489
190.00	-15.00	0.00474	190.00	-17.00	0.00461
190.00	-20.00	0.00443	190.00	-25.00	0.00414
190.00	-30.00	0.00387	190.00	-40.00	0.00335
190.00	-50.00	0.00291	190.00	-60.00	0.00253
190.00	-70.00	0.00221	190.00	-80.00	0.00195
190.00	-90.00	0.00172	190.00	-100.00	0.00154
200.00	100.00	0.00251	200.00	90.00	0.00277
200.00	80.00	0.00308	200.00	70.00	0.00344
200.00	60.00	0.00387	200.00	50.00	0.00437
200.00	40.00	0.00491	200.00	30.00	0.00547
200.00	25.00	0.00572	200.00	20.00	0.00594

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00603	200.00	15.00	0.00607
200.00	13.00	0.00610	200.00	11.00	0.00611
200.00	9.00	0.00613	200.00	-9.00	0.00476
200.00	-11.00	0.00453	200.00	-13.00	0.00436
200.00	-15.00	0.00421	200.00	-17.00	0.00407
200.00	-20.00	0.00389	200.00	-25.00	0.00361
200.00	-30.00	0.00335	200.00	-40.00	0.00291
200.00	-50.00	0.00253	200.00	-60.00	0.00221
200.00	-70.00	0.00194	200.00	-80.00	0.00171
200.00	-90.00	0.00153	200.00	-100.00	0.00137
210.00	100.00	0.00233	210.00	90.00	0.00257
210.00	80.00	0.00285	210.00	70.00	0.00319
210.00	60.00	0.00359	210.00	50.00	0.00407
210.00	40.00	0.00462	210.00	30.00	0.00523
210.00	25.00	0.00552	210.00	20.00	0.00575
210.00	17.00	0.00584	210.00	15.00	0.00587
210.00	13.00	0.00588	210.00	11.00	0.00587
210.00	9.00	0.00586	210.00	-9.00	0.00407

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

210.00	-11.00	0.00383	210.00	-13.00	0.00365
210.00	-15.00	0.00350	210.00	-17.00	0.00337
210.00	-20.00	0.00320	210.00	-25.00	0.00297
210.00	-30.00	0.00277	210.00	-40.00	0.00242
210.00	-50.00	0.00212	210.00	-60.00	0.00187
210.00	-70.00	0.00165	210.00	-80.00	0.00147
210.00	-90.00	0.00132	210.00	-100.00	0.00120
220.00	100.00	0.00213	220.00	90.00	0.00233
220.00	80.00	0.00256	220.00	70.00	0.00284
220.00	60.00	0.00317	220.00	50.00	0.00356
220.00	40.00	0.00402	220.00	30.00	0.00456
220.00	25.00	0.00485	220.00	20.00	0.00514
220.00	17.00	0.00529	220.00	15.00	0.00537
220.00	13.00	0.00543	220.00	11.00	0.00547
220.00	9.00	0.00548	220.00	-9.00	0.00299
220.00	-11.00	0.00280	220.00	-13.00	0.00267
220.00	-15.00	0.00257	220.00	-17.00	0.00249
220.00	-20.00	0.00238	220.00	-25.00	0.00223
220.00	-30.00	0.00211	220.00	-40.00	0.00189
220.00	-50.00	0.00170	220.00	-60.00	0.00153
220.00	-70.00	0.00138	220.00	-80.00	0.00125
220.00	-90.00	0.00114	220.00	-100.00	0.00105

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:14:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00191	230.00	90.00	0.00207
230.00	80.00	0.00225	230.00	70.00	0.00245
230.00	60.00	0.00268	230.00	50.00	0.00293
230.00	40.00	0.00319	230.00	30.00	0.00344
230.00	25.00	0.00354	230.00	20.00	0.00360
230.00	17.00	0.00359	230.00	15.00	0.00356
230.00	13.00	0.00350	230.00	11.00	0.00340
230.00	9.00	0.00327	230.00	-9.00	0.00176
230.00	-11.00	0.00174	230.00	-13.00	0.00172
230.00	-15.00	0.00171	230.00	-17.00	0.00169
230.00	-20.00	0.00167	230.00	-25.00	0.00162
230.00	-30.00	0.00158	230.00	-40.00	0.00148

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound

230.00	-50.00	0.00137	230.00	-60.00	0.00126
230.00	-70.00	0.00116	230.00	-80.00	0.00107
230.00	-90.00	0.00099	230.00	-100.00	0.00092
240.00	100.00	0.00169	240.00	90.00	0.00181
240.00	80.00	0.00194	240.00	70.00	0.00208
240.00	60.00	0.00222	240.00	50.00	0.00235
240.00	40.00	0.00246	240.00	30.00	0.00252
240.00	25.00	0.00251	240.00	20.00	0.00245
240.00	17.00	0.00239	240.00	15.00	0.00233
240.00	13.00	0.00226	240.00	11.00	0.00218
240.00	9.00	0.00208	240.00	-9.00	0.00136
240.00	-11.00	0.00133	240.00	-13.00	0.00131
240.00	-15.00	0.00128	240.00	-17.00	0.00127
240.00	-20.00	0.00125	240.00	-25.00	0.00123
240.00	-30.00	0.00121	240.00	-40.00	0.00118
240.00	-50.00	0.00112	240.00	-60.00	0.00106
240.00	-70.00	0.00099	240.00	-80.00	0.00093
240.00	-90.00	0.00087	240.00	-100.00	0.00081
250.00	100.00	0.00149	250.00	90.00	0.00157
250.00	80.00	0.00166	250.00	70.00	0.00174
250.00	60.00	0.00182	250.00	50.00	0.00189
250.00	40.00	0.00192	250.00	30.00	0.00190
250.00	25.00	0.00186	250.00	20.00	0.00179
250.00	17.00	0.00173	250.00	15.00	0.00169
250.00	13.00	0.00163	250.00	11.00	0.00158
250.00	9.00	0.00152	250.00	-9.00	0.00112
250.00	-11.00	0.00111	250.00	-13.00	0.00109
250.00	-15.00	0.00107	250.00	-17.00	0.00106

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00103	250.00	-25.00	0.00099
250.00	-30.00	0.00097	250.00	-40.00	0.00094
250.00	-50.00	0.00091	250.00	-60.00	0.00088
250.00	-70.00	0.00084	250.00	-80.00	0.00080
250.00	-90.00	0.00076	250.00	-100.00	0.00072

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction

17:14:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS 0.00568 AT (	180.00, 9.00, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00566 AT (	170.00, 9.00, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00561 AT (	190.00, 9.00, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00559 AT (	180.00, 11.00, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00555 AT (	170.00, 11.00, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00554 AT (	190.00, 11.00, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00551 AT (	180.00, 13.00, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00550 AT (	160.00, 9.00, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00549 AT (	190.00, 13.00, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00546 AT (	200.00, 9.00, 0.00,	1.20) DC	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00568 AT (	90.00, 9.00, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00566 AT (	80.00, 9.00, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00561 AT (	100.00, 9.00, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00559 AT (	90.00, 11.00, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00555 AT (	80.00, 11.00, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00554 AT (	100.00, 11.00, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00551 AT (	90.00, 13.00, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00550 AT (	70.00, 9.00, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00549 AT (	100.00, 13.00, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00546 AT (	110.00, 9.00, 0.00,	1.20) DC	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00568 AT (	0.00, 9.00, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00566 AT (	-10.00, 9.00, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00561 AT (	10.00, 9.00, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00559 AT (	0.00, 11.00, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00555 AT (	-10.00, 11.00, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00554 AT (	10.00, 11.00, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00551 AT (	0.00, 13.00, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00550 AT (	-20.00, 9.00, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00549 AT (	10.00, 13.00, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00546 AT (	20.00, 9.00, 0.00,	1.20) DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at East/West Bound Direction

17:14:39

**MODELOPTs:
PAGE 144

CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00568 AT (	-90.00, 9.00, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00566 AT (	-100.00, 9.00, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00561 AT (	-80.00, 9.00, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00559 AT (	-90.00, 11.00, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00555 AT (	-100.00, 11.00, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00554 AT (	-80.00, 11.00, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00551 AT (	-90.00, 13.00, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00550 AT (	-110.00, 9.00, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00549 AT (	-80.00, 13.00, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00546 AT (	-70.00, 9.00, 0.00,	1.20) DC	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00568 AT (	-180.00, 9.00, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00566 AT (	-190.00, 9.00, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00561 AT (	-170.00, 9.00, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00559 AT (	-180.00, 11.00, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00555 AT (	-190.00, 11.00, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00554 AT (	-170.00, 11.00, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00551 AT (	-180.00, 13.00, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00550 AT (	-200.00, 9.00, 0.00,	1.20) DC	NA

		07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound								
	9TH HIGHEST VALUE IS	0.00549	AT (	-170.00,	13.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00546	AT (	-160.00,	9.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00793	AT (	-50.00,	9.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00793	AT (	-40.00,	9.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00792	AT (	-30.00,	9.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00792	AT (	-60.00,	9.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00791	AT (	-20.00,	9.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00791	AT (	-70.00,	9.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00790	AT (	-80.00,	9.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00790	AT (	-10.00,	9.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00789	AT (	0.00,	9.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00789	AT (	-90.00,	9.00,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:14:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 62 Informational Message(s)
 A Total of 62 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 17:21:52

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\08NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at East/West Bound Direction
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTS FLAT
CO FLAGPOLE 1.2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA 135.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA 45.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -45.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -135.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -225.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 90 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

RE DISCCART	-250.0	100.0	1.2
RE DISCCART	-250.0	90.0	1.2
RE DISCCART	-250.0	80.0	1.2
RE DISCCART	-250.0	70.0	1.2
RE DISCCART	-250.0	60.0	1.2
RE DISCCART	-250.0	50.0	1.2
RE DISCCART	-250.0	40.0	1.2
RE DISCCART	-250.0	30.0	1.2
RE DISCCART	-250.0	25.0	1.2
RE DISCCART	-250.0	20.0	1.2
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RE DISCCART	-250.0	-60.0	1.2
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RE DISCCART	-250.0	-80.0	1.2
RE DISCCART	-250.0	-90.0	1.2
RE DISCCART	-250.0	-100.0	1.2
RE DISCCART	-240.0	100.0	1.2
RE DISCCART	-240.0	90.0	1.2
RE DISCCART	-240.0	80.0	1.2
RE DISCCART	-240.0	70.0	1.2
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RE DISCCART	-220.0	-80.0	1.2
RE DISCCART	-220.0	-90.0	1.2
RE DISCCART	-220.0	-100.0	1.2
RE DISCCART	-210.0	100.0	1.2
RE DISCCART	-210.0	90.0	1.2
RE DISCCART	-210.0	80.0	1.2
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RE DISCCART	-210.0	-70.0	1.2
RE DISCCART	-210.0	-80.0	1.2
RE DISCCART	-210.0	-90.0	1.2
RE DISCCART	-210.0	-100.0	1.2
RE DISCCART	-200.0	100.0	1.2
RE DISCCART	-200.0	90.0	1.2
RE DISCCART	-200.0	80.0	1.2
RE DISCCART	-200.0	70.0	1.2
RE DISCCART	-200.0	60.0	1.2
RE DISCCART	-200.0	50.0	1.2
RE DISCCART	-200.0	40.0	1.2
RE DISCCART	-200.0	30.0	1.2
RE DISCCART	-200.0	25.0	1.2
RE DISCCART	-200.0	20.0	1.2
RE DISCCART	-200.0	17.0	1.2
RE DISCCART	-200.0	15.0	1.2
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RE DISCCART	-200.0	-13.0	1.2
RE DISCCART	-200.0	-15.0	1.2
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RE DISCCART	230.0	-40.0	1.2
RE DISCCART	230.0	-50.0	1.2
RE DISCCART	230.0	-60.0	1.2
RE DISCCART	230.0	-70.0	1.2
RE DISCCART	230.0	-80.0	1.2
RE DISCCART	230.0	-90.0	1.2
RE DISCCART	230.0	-100.0	1.2
RE DISCCART	240.0	100.0	1.2
RE DISCCART	240.0	90.0	1.2
RE DISCCART	240.0	80.0	1.2
RE DISCCART	240.0	70.0	1.2
RE DISCCART	240.0	60.0	1.2
RE DISCCART	240.0	50.0	1.2
RE DISCCART	240.0	40.0	1.2
RE DISCCART	240.0	30.0	1.2
RE DISCCART	240.0	25.0	1.2
RE DISCCART	240.0	20.0	1.2
RE DISCCART	240.0	17.0	1.2
RE DISCCART	240.0	15.0	1.2
RE DISCCART	240.0	13.0	1.2
RE DISCCART	240.0	11.0	1.2
RE DISCCART	240.0	9.0	1.2
RE DISCCART	240.0	-9.0	1.2
RE DISCCART	240.0	-11.0	1.2
RE DISCCART	240.0	-13.0	1.2
RE DISCCART	240.0	-15.0	1.2
RE DISCCART	240.0	-17.0	1.2
RE DISCCART	240.0	-20.0	1.2
RE DISCCART	240.0	-25.0	1.2
RE DISCCART	240.0	-30.0	1.2
RE DISCCART	240.0	-40.0	1.2
RE DISCCART	240.0	-50.0	1.2

RE DISCCART 240.0 -60.0 1.2
RE DISCCART 240.0 -70.0 1.2
RE DISCCART 240.0 -80.0 1.2
RE DISCCART 240.0 -90.0 1.2
RE DISCCART 240.0 -100.0 1.2
RE DISCCART 250.0 100.0 1.2
RE DISCCART 250.0 90.0 1.2
RE DISCCART 250.0 80.0 1.2
RE DISCCART 250.0 70.0 1.2
RE DISCCART 250.0 60.0 1.2
RE DISCCART 250.0 50.0 1.2
RE DISCCART 250.0 40.0 1.2
RE DISCCART 250.0 30.0 1.2
RE DISCCART 250.0 25.0 1.2
RE DISCCART 250.0 20.0 1.2
RE DISCCART 250.0 17.0 1.2
RE DISCCART 250.0 15.0 1.2
RE DISCCART 250.0 13.0 1.2
RE DISCCART 250.0 11.0 1.2
RE DISCCART 250.0 9.0 1.2
RE DISCCART 250.0 -9.0 1.2
RE DISCCART 250.0 -11.0 1.2
RE DISCCART 250.0 -13.0 1.2
RE DISCCART 250.0 -15.0 1.2
RE DISCCART 250.0 -17.0 1.2
RE DISCCART 250.0 -20.0 1.2
RE DISCCART 250.0 -25.0 1.2
RE DISCCART 250.0 -30.0 1.2
RE DISCCART 250.0 -40.0 1.2
RE DISCCART 250.0 -50.0 1.2
RE DISCCART 250.0 -60.0 1.2
RE DISCCART 250.0 -70.0 1.2
RE DISCCART 250.0 -80.0 1.2
RE DISCCART 250.0 -90.0 1.2
RE DISCCART 250.0 -100.0 1.2
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP97300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 1997

ME UAIRDATA 4901 1997

ME STARTEND 1997 01 01 1 1997 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\08NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\08NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

- 1. Final Plume Rise.
- 2. Stack-tip Downwash.
- 3. Buoyancy-induced Dispersion.
- 4. Use Calms Processing Routine.
- 5. Not Use Missing Data Processing Routine.
- 6. Default Wind Profile Exponents.
- 7. Default Vertical Potential Temperature Gradients.
- 8. "Upper Bound" Values for Supersquat Buildings.
- 9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\08NCRA-1.DAT

**Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\08NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
PAGE 2

CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

Table with 11 columns: EMISSION RATE, NUMBER PART., EMISSION RATE (GRAMS/SEC), COORD (SW CORNER) X Y, BASE ELEV., RELEASE HEIGHT, X-DIM OF AREA, Y-DIM OF AREA, ORIENT. OF AREA, INIT. SZ. Rows include NCRA_S1 through NCRA_S5.

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

- NCRA_S1 NCRA_S1 ,
NCRA_S2 NCRA_S2 ,
NCRA_S3 NCRA_S3 ,
NCRA_S4 NCRA_S4 ,
NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

- (-250.0, 100.0, 0.0, 1.2); (-250.0, 90.0, 0.0, 1.2);
(-250.0, 80.0, 0.0, 1.2); (-250.0, 70.0, 0.0, 1.2);
(-250.0, 60.0, 0.0, 1.2); (-250.0, 50.0, 0.0, 1.2);

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

(-250.0,	40.0,	0.0,	1.2);	(-250.0,	30.0,	0.0,	1.2);
(-250.0,	25.0,	0.0,	1.2);	(-250.0,	20.0,	0.0,	1.2);
(-250.0,	17.0,	0.0,	1.2);	(-250.0,	15.0,	0.0,	1.2);
(-250.0,	13.0,	0.0,	1.2);	(-250.0,	11.0,	0.0,	1.2);
(-250.0,	9.0,	0.0,	1.2);	(-250.0,	-9.0,	0.0,	1.2);
(-250.0,	-11.0,	0.0,	1.2);	(-250.0,	-13.0,	0.0,	1.2);
(-250.0,	-15.0,	0.0,	1.2);	(-250.0,	-17.0,	0.0,	1.2);
(-250.0,	-20.0,	0.0,	1.2);	(-250.0,	-25.0,	0.0,	1.2);
(-250.0,	-30.0,	0.0,	1.2);	(-250.0,	-40.0,	0.0,	1.2);
(-250.0,	-50.0,	0.0,	1.2);	(-250.0,	-60.0,	0.0,	1.2);
(-250.0,	-70.0,	0.0,	1.2);	(-250.0,	-80.0,	0.0,	1.2);
(-250.0,	-90.0,	0.0,	1.2);	(-250.0,	-100.0,	0.0,	1.2);
(-240.0,	100.0,	0.0,	1.2);	(-240.0,	90.0,	0.0,	1.2);
(-240.0,	80.0,	0.0,	1.2);	(-240.0,	70.0,	0.0,	1.2);
(-240.0,	60.0,	0.0,	1.2);	(-240.0,	50.0,	0.0,	1.2);
(-240.0,	40.0,	0.0,	1.2);	(-240.0,	30.0,	0.0,	1.2);
(-240.0,	25.0,	0.0,	1.2);	(-240.0,	20.0,	0.0,	1.2);
(-240.0,	17.0,	0.0,	1.2);	(-240.0,	15.0,	0.0,	1.2);
(-240.0,	13.0,	0.0,	1.2);	(-240.0,	11.0,	0.0,	1.2);
(-240.0,	9.0,	0.0,	1.2);	(-240.0,	-9.0,	0.0,	1.2);
(-240.0,	-11.0,	0.0,	1.2);	(-240.0,	-13.0,	0.0,	1.2);
(-240.0,	-15.0,	0.0,	1.2);	(-240.0,	-17.0,	0.0,	1.2);
(-240.0,	-20.0,	0.0,	1.2);	(-240.0,	-25.0,	0.0,	1.2);
(-240.0,	-30.0,	0.0,	1.2);	(-240.0,	-40.0,	0.0,	1.2);
(-240.0,	-50.0,	0.0,	1.2);	(-240.0,	-60.0,	0.0,	1.2);
(-240.0,	-70.0,	0.0,	1.2);	(-240.0,	-80.0,	0.0,	1.2);
(-240.0,	-90.0,	0.0,	1.2);	(-240.0,	-100.0,	0.0,	1.2);
(-230.0,	100.0,	0.0,	1.2);	(-230.0,	90.0,	0.0,	1.2);
(-230.0,	80.0,	0.0,	1.2);	(-230.0,	70.0,	0.0,	1.2);
(-230.0,	60.0,	0.0,	1.2);	(-230.0,	50.0,	0.0,	1.2);
(-230.0,	40.0,	0.0,	1.2);	(-230.0,	30.0,	0.0,	1.2);
(-230.0,	25.0,	0.0,	1.2);	(-230.0,	20.0,	0.0,	1.2);
(-230.0,	17.0,	0.0,	1.2);	(-230.0,	15.0,	0.0,	1.2);
(-230.0,	13.0,	0.0,	1.2);	(-230.0,	11.0,	0.0,	1.2);
(-230.0,	9.0,	0.0,	1.2);	(-230.0,	-9.0,	0.0,	1.2);
(-230.0,	-11.0,	0.0,	1.2);	(-230.0,	-13.0,	0.0,	1.2);
(-230.0,	-15.0,	0.0,	1.2);	(-230.0,	-17.0,	0.0,	1.2);
(-230.0,	-20.0,	0.0,	1.2);	(-230.0,	-25.0,	0.0,	1.2);
(-230.0,	-30.0,	0.0,	1.2);	(-230.0,	-40.0,	0.0,	1.2);
(-230.0,	-50.0,	0.0,	1.2);	(-230.0,	-60.0,	0.0,	1.2);
(-230.0,	-70.0,	0.0,	1.2);	(-230.0,	-80.0,	0.0,	1.2);
(-230.0,	-90.0,	0.0,	1.2);	(-230.0,	-100.0,	0.0,	1.2);

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-220.0, 100.0, 0.0, 1.2);	(-220.0, 90.0, 0.0, 1.2);
(-220.0, 80.0, 0.0, 1.2);	(-220.0, 70.0, 0.0, 1.2);
(-220.0, 60.0, 0.0, 1.2);	(-220.0, 50.0, 0.0, 1.2);
(-220.0, 40.0, 0.0, 1.2);	(-220.0, 30.0, 0.0, 1.2);
(-220.0, 25.0, 0.0, 1.2);	(-220.0, 20.0, 0.0, 1.2);
(-220.0, 17.0, 0.0, 1.2);	(-220.0, 15.0, 0.0, 1.2);
(-220.0, 13.0, 0.0, 1.2);	(-220.0, 11.0, 0.0, 1.2);
(-220.0, 9.0, 0.0, 1.2);	(-220.0, -9.0, 0.0, 1.2);
(-220.0, -11.0, 0.0, 1.2);	(-220.0, -13.0, 0.0, 1.2);
(-220.0, -15.0, 0.0, 1.2);	(-220.0, -17.0, 0.0, 1.2);
(-220.0, -20.0, 0.0, 1.2);	(-220.0, -25.0, 0.0, 1.2);
(-220.0, -30.0, 0.0, 1.2);	(-220.0, -40.0, 0.0, 1.2);
(-220.0, -50.0, 0.0, 1.2);	(-220.0, -60.0, 0.0, 1.2);
(-220.0, -70.0, 0.0, 1.2);	(-220.0, -80.0, 0.0, 1.2);
(-220.0, -90.0, 0.0, 1.2);	(-220.0, -100.0, 0.0, 1.2);
(-210.0, 100.0, 0.0, 1.2);	(-210.0, 90.0, 0.0, 1.2);
(-210.0, 80.0, 0.0, 1.2);	(-210.0, 70.0, 0.0, 1.2);
(-210.0, 60.0, 0.0, 1.2);	(-210.0, 50.0, 0.0, 1.2);
(-210.0, 40.0, 0.0, 1.2);	(-210.0, 30.0, 0.0, 1.2);
(-210.0, 25.0, 0.0, 1.2);	(-210.0, 20.0, 0.0, 1.2);
(-210.0, 17.0, 0.0, 1.2);	(-210.0, 15.0, 0.0, 1.2);
(-210.0, 13.0, 0.0, 1.2);	(-210.0, 11.0, 0.0, 1.2);
(-210.0, 9.0, 0.0, 1.2);	(-210.0, -9.0, 0.0, 1.2);
(-210.0, -11.0, 0.0, 1.2);	(-210.0, -13.0, 0.0, 1.2);
(-210.0, -15.0, 0.0, 1.2);	(-210.0, -17.0, 0.0, 1.2);
(-210.0, -20.0, 0.0, 1.2);	(-210.0, -25.0, 0.0, 1.2);
(-210.0, -30.0, 0.0, 1.2);	(-210.0, -40.0, 0.0, 1.2);
(-210.0, -50.0, 0.0, 1.2);	(-210.0, -60.0, 0.0, 1.2);
(-210.0, -70.0, 0.0, 1.2);	(-210.0, -80.0, 0.0, 1.2);
(-210.0, -90.0, 0.0, 1.2);	(-210.0, -100.0, 0.0, 1.2);
(-200.0, 100.0, 0.0, 1.2);	(-200.0, 90.0, 0.0, 1.2);
(-200.0, 80.0, 0.0, 1.2);	(-200.0, 70.0, 0.0, 1.2);
(-200.0, 60.0, 0.0, 1.2);	(-200.0, 50.0, 0.0, 1.2);
(-200.0, 40.0, 0.0, 1.2);	(-200.0, 30.0, 0.0, 1.2);
(-200.0, 25.0, 0.0, 1.2);	(-200.0, 20.0, 0.0, 1.2);
(-200.0, 17.0, 0.0, 1.2);	(-200.0, 15.0, 0.0, 1.2);
(-200.0, 13.0, 0.0, 1.2);	(-200.0, 11.0, 0.0, 1.2);
(-200.0, 9.0, 0.0, 1.2);	(-200.0, -9.0, 0.0, 1.2);
(-200.0, -11.0, 0.0, 1.2);	(-200.0, -13.0, 0.0, 1.2);

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

(-200.0,	-15.0,	0.0,	1.2);	(-200.0,	-17.0,	0.0,	1.2);
(-200.0,	-20.0,	0.0,	1.2);	(-200.0,	-25.0,	0.0,	1.2);
(-200.0,	-30.0,	0.0,	1.2);	(-200.0,	-40.0,	0.0,	1.2);
(-200.0,	-50.0,	0.0,	1.2);	(-200.0,	-60.0,	0.0,	1.2);
(-200.0,	-70.0,	0.0,	1.2);	(-200.0,	-80.0,	0.0,	1.2);
(-200.0,	-90.0,	0.0,	1.2);	(-200.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-190.0,	100.0,	0.0,	1.2);	(-190.0,	90.0,	0.0,	1.2);
(-190.0,	80.0,	0.0,	1.2);	(-190.0,	70.0,	0.0,	1.2);
(-190.0,	60.0,	0.0,	1.2);	(-190.0,	50.0,	0.0,	1.2);
(-190.0,	40.0,	0.0,	1.2);	(-190.0,	30.0,	0.0,	1.2);
(-190.0,	25.0,	0.0,	1.2);	(-190.0,	20.0,	0.0,	1.2);
(-190.0,	17.0,	0.0,	1.2);	(-190.0,	15.0,	0.0,	1.2);
(-190.0,	13.0,	0.0,	1.2);	(-190.0,	11.0,	0.0,	1.2);
(-190.0,	9.0,	0.0,	1.2);	(-190.0,	-9.0,	0.0,	1.2);
(-190.0,	-11.0,	0.0,	1.2);	(-190.0,	-13.0,	0.0,	1.2);
(-190.0,	-15.0,	0.0,	1.2);	(-190.0,	-17.0,	0.0,	1.2);
(-190.0,	-20.0,	0.0,	1.2);	(-190.0,	-25.0,	0.0,	1.2);
(-190.0,	-30.0,	0.0,	1.2);	(-190.0,	-40.0,	0.0,	1.2);
(-190.0,	-50.0,	0.0,	1.2);	(-190.0,	-60.0,	0.0,	1.2);
(-190.0,	-70.0,	0.0,	1.2);	(-190.0,	-80.0,	0.0,	1.2);
(-190.0,	-90.0,	0.0,	1.2);	(-190.0,	-100.0,	0.0,	1.2);
(-180.0,	100.0,	0.0,	1.2);	(-180.0,	90.0,	0.0,	1.2);
(-180.0,	80.0,	0.0,	1.2);	(-180.0,	70.0,	0.0,	1.2);
(-180.0,	60.0,	0.0,	1.2);	(-180.0,	50.0,	0.0,	1.2);
(-180.0,	40.0,	0.0,	1.2);	(-180.0,	30.0,	0.0,	1.2);
(-180.0,	25.0,	0.0,	1.2);	(-180.0,	20.0,	0.0,	1.2);
(-180.0,	17.0,	0.0,	1.2);	(-180.0,	15.0,	0.0,	1.2);
(-180.0,	13.0,	0.0,	1.2);	(-180.0,	11.0,	0.0,	1.2);
(-180.0,	9.0,	0.0,	1.2);	(-180.0,	-9.0,	0.0,	1.2);
(-180.0,	-11.0,	0.0,	1.2);	(-180.0,	-13.0,	0.0,	1.2);
(-180.0,	-15.0,	0.0,	1.2);	(-180.0,	-17.0,	0.0,	1.2);
(-180.0,	-20.0,	0.0,	1.2);	(-180.0,	-25.0,	0.0,	1.2);
(-180.0,	-30.0,	0.0,	1.2);	(-180.0,	-40.0,	0.0,	1.2);
(-180.0,	-50.0,	0.0,	1.2);	(-180.0,	-60.0,	0.0,	1.2);
(-180.0,	-70.0,	0.0,	1.2);	(-180.0,	-80.0,	0.0,	1.2);
(-180.0,	-90.0,	0.0,	1.2);	(-180.0,	-100.0,	0.0,	1.2);
(-170.0,	100.0,	0.0,	1.2);	(-170.0,	90.0,	0.0,	1.2);

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

(-170.0,	80.0,	0.0,	1.2);	(-170.0,	70.0,	0.0,	1.2);
(-170.0,	60.0,	0.0,	1.2);	(-170.0,	50.0,	0.0,	1.2);
(-170.0,	40.0,	0.0,	1.2);	(-170.0,	30.0,	0.0,	1.2);
(-170.0,	25.0,	0.0,	1.2);	(-170.0,	20.0,	0.0,	1.2);
(-170.0,	17.0,	0.0,	1.2);	(-170.0,	15.0,	0.0,	1.2);
(-170.0,	13.0,	0.0,	1.2);	(-170.0,	11.0,	0.0,	1.2);
(-170.0,	9.0,	0.0,	1.2);	(-170.0,	-9.0,	0.0,	1.2);
(-170.0,	-11.0,	0.0,	1.2);	(-170.0,	-13.0,	0.0,	1.2);
(-170.0,	-15.0,	0.0,	1.2);	(-170.0,	-17.0,	0.0,	1.2);
(-170.0,	-20.0,	0.0,	1.2);	(-170.0,	-25.0,	0.0,	1.2);
(-170.0,	-30.0,	0.0,	1.2);	(-170.0,	-40.0,	0.0,	1.2);
(-170.0,	-50.0,	0.0,	1.2);	(-170.0,	-60.0,	0.0,	1.2);
(-170.0,	-70.0,	0.0,	1.2);	(-170.0,	-80.0,	0.0,	1.2);
(-170.0,	-90.0,	0.0,	1.2);	(-170.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

PAGE 7

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-160.0,	100.0,	0.0,	1.2);	(-160.0,	90.0,	0.0,	1.2);
(-160.0,	80.0,	0.0,	1.2);	(-160.0,	70.0,	0.0,	1.2);
(-160.0,	60.0,	0.0,	1.2);	(-160.0,	50.0,	0.0,	1.2);
(-160.0,	40.0,	0.0,	1.2);	(-160.0,	30.0,	0.0,	1.2);
(-160.0,	25.0,	0.0,	1.2);	(-160.0,	20.0,	0.0,	1.2);
(-160.0,	17.0,	0.0,	1.2);	(-160.0,	15.0,	0.0,	1.2);
(-160.0,	13.0,	0.0,	1.2);	(-160.0,	11.0,	0.0,	1.2);
(-160.0,	9.0,	0.0,	1.2);	(-160.0,	-9.0,	0.0,	1.2);
(-160.0,	-11.0,	0.0,	1.2);	(-160.0,	-13.0,	0.0,	1.2);
(-160.0,	-15.0,	0.0,	1.2);	(-160.0,	-17.0,	0.0,	1.2);
(-160.0,	-20.0,	0.0,	1.2);	(-160.0,	-25.0,	0.0,	1.2);
(-160.0,	-30.0,	0.0,	1.2);	(-160.0,	-40.0,	0.0,	1.2);
(-160.0,	-50.0,	0.0,	1.2);	(-160.0,	-60.0,	0.0,	1.2);
(-160.0,	-70.0,	0.0,	1.2);	(-160.0,	-80.0,	0.0,	1.2);
(-160.0,	-90.0,	0.0,	1.2);	(-160.0,	-100.0,	0.0,	1.2);
(-150.0,	100.0,	0.0,	1.2);	(-150.0,	90.0,	0.0,	1.2);
(-150.0,	80.0,	0.0,	1.2);	(-150.0,	70.0,	0.0,	1.2);
(-150.0,	60.0,	0.0,	1.2);	(-150.0,	50.0,	0.0,	1.2);
(-150.0,	40.0,	0.0,	1.2);	(-150.0,	30.0,	0.0,	1.2);
(-150.0,	25.0,	0.0,	1.2);	(-150.0,	20.0,	0.0,	1.2);
(-150.0,	17.0,	0.0,	1.2);	(-150.0,	15.0,	0.0,	1.2);
(-150.0,	13.0,	0.0,	1.2);	(-150.0,	11.0,	0.0,	1.2);
(-150.0,	9.0,	0.0,	1.2);	(-150.0,	-9.0,	0.0,	1.2);

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

(-150.0,	-11.0,	0.0,	1.2);	(-150.0,	-13.0,	0.0,	1.2);
(-150.0,	-15.0,	0.0,	1.2);	(-150.0,	-17.0,	0.0,	1.2);
(-150.0,	-20.0,	0.0,	1.2);	(-150.0,	-25.0,	0.0,	1.2);
(-150.0,	-30.0,	0.0,	1.2);	(-150.0,	-40.0,	0.0,	1.2);
(-150.0,	-50.0,	0.0,	1.2);	(-150.0,	-60.0,	0.0,	1.2);
(-150.0,	-70.0,	0.0,	1.2);	(-150.0,	-80.0,	0.0,	1.2);
(-150.0,	-90.0,	0.0,	1.2);	(-150.0,	-100.0,	0.0,	1.2);
(-140.0,	100.0,	0.0,	1.2);	(-140.0,	90.0,	0.0,	1.2);
(-140.0,	80.0,	0.0,	1.2);	(-140.0,	70.0,	0.0,	1.2);
(-140.0,	60.0,	0.0,	1.2);	(-140.0,	50.0,	0.0,	1.2);
(-140.0,	40.0,	0.0,	1.2);	(-140.0,	30.0,	0.0,	1.2);
(-140.0,	25.0,	0.0,	1.2);	(-140.0,	20.0,	0.0,	1.2);
(-140.0,	17.0,	0.0,	1.2);	(-140.0,	15.0,	0.0,	1.2);
(-140.0,	13.0,	0.0,	1.2);	(-140.0,	11.0,	0.0,	1.2);
(-140.0,	9.0,	0.0,	1.2);	(-140.0,	-9.0,	0.0,	1.2);
(-140.0,	-11.0,	0.0,	1.2);	(-140.0,	-13.0,	0.0,	1.2);
(-140.0,	-15.0,	0.0,	1.2);	(-140.0,	-17.0,	0.0,	1.2);
(-140.0,	-20.0,	0.0,	1.2);	(-140.0,	-25.0,	0.0,	1.2);
(-140.0,	-30.0,	0.0,	1.2);	(-140.0,	-40.0,	0.0,	1.2);
(-140.0,	-50.0,	0.0,	1.2);	(-140.0,	-60.0,	0.0,	1.2);
(-140.0,	-70.0,	0.0,	1.2);	(-140.0,	-80.0,	0.0,	1.2);
(-140.0,	-90.0,	0.0,	1.2);	(-140.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 8
 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-130.0,	100.0,	0.0,	1.2);	(-130.0,	90.0,	0.0,	1.2);
(-130.0,	80.0,	0.0,	1.2);	(-130.0,	70.0,	0.0,	1.2);
(-130.0,	60.0,	0.0,	1.2);	(-130.0,	50.0,	0.0,	1.2);
(-130.0,	40.0,	0.0,	1.2);	(-130.0,	30.0,	0.0,	1.2);
(-130.0,	25.0,	0.0,	1.2);	(-130.0,	20.0,	0.0,	1.2);
(-130.0,	17.0,	0.0,	1.2);	(-130.0,	15.0,	0.0,	1.2);
(-130.0,	13.0,	0.0,	1.2);	(-130.0,	11.0,	0.0,	1.2);
(-130.0,	9.0,	0.0,	1.2);	(-130.0,	-9.0,	0.0,	1.2);
(-130.0,	-11.0,	0.0,	1.2);	(-130.0,	-13.0,	0.0,	1.2);
(-130.0,	-15.0,	0.0,	1.2);	(-130.0,	-17.0,	0.0,	1.2);
(-130.0,	-20.0,	0.0,	1.2);	(-130.0,	-25.0,	0.0,	1.2);
(-130.0,	-30.0,	0.0,	1.2);	(-130.0,	-40.0,	0.0,	1.2);
(-130.0,	-50.0,	0.0,	1.2);	(-130.0,	-60.0,	0.0,	1.2);
(-130.0,	-70.0,	0.0,	1.2);	(-130.0,	-80.0,	0.0,	1.2);
(-130.0,	-90.0,	0.0,	1.2);	(-130.0,	-100.0,	0.0,	1.2);

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

(-120.0,	100.0,	0.0,	1.2);	(-120.0,	90.0,	0.0,	1.2);
(-120.0,	80.0,	0.0,	1.2);	(-120.0,	70.0,	0.0,	1.2);
(-120.0,	60.0,	0.0,	1.2);	(-120.0,	50.0,	0.0,	1.2);
(-120.0,	40.0,	0.0,	1.2);	(-120.0,	30.0,	0.0,	1.2);
(-120.0,	25.0,	0.0,	1.2);	(-120.0,	20.0,	0.0,	1.2);
(-120.0,	17.0,	0.0,	1.2);	(-120.0,	15.0,	0.0,	1.2);
(-120.0,	13.0,	0.0,	1.2);	(-120.0,	11.0,	0.0,	1.2);
(-120.0,	9.0,	0.0,	1.2);	(-120.0,	-9.0,	0.0,	1.2);
(-120.0,	-11.0,	0.0,	1.2);	(-120.0,	-13.0,	0.0,	1.2);
(-120.0,	-15.0,	0.0,	1.2);	(-120.0,	-17.0,	0.0,	1.2);
(-120.0,	-20.0,	0.0,	1.2);	(-120.0,	-25.0,	0.0,	1.2);
(-120.0,	-30.0,	0.0,	1.2);	(-120.0,	-40.0,	0.0,	1.2);
(-120.0,	-50.0,	0.0,	1.2);	(-120.0,	-60.0,	0.0,	1.2);
(-120.0,	-70.0,	0.0,	1.2);	(-120.0,	-80.0,	0.0,	1.2);
(-120.0,	-90.0,	0.0,	1.2);	(-120.0,	-100.0,	0.0,	1.2);
(-110.0,	100.0,	0.0,	1.2);	(-110.0,	90.0,	0.0,	1.2);
(-110.0,	80.0,	0.0,	1.2);	(-110.0,	70.0,	0.0,	1.2);
(-110.0,	60.0,	0.0,	1.2);	(-110.0,	50.0,	0.0,	1.2);
(-110.0,	40.0,	0.0,	1.2);	(-110.0,	30.0,	0.0,	1.2);
(-110.0,	25.0,	0.0,	1.2);	(-110.0,	20.0,	0.0,	1.2);
(-110.0,	17.0,	0.0,	1.2);	(-110.0,	15.0,	0.0,	1.2);
(-110.0,	13.0,	0.0,	1.2);	(-110.0,	11.0,	0.0,	1.2);
(-110.0,	9.0,	0.0,	1.2);	(-110.0,	-9.0,	0.0,	1.2);
(-110.0,	-11.0,	0.0,	1.2);	(-110.0,	-13.0,	0.0,	1.2);
(-110.0,	-15.0,	0.0,	1.2);	(-110.0,	-17.0,	0.0,	1.2);
(-110.0,	-20.0,	0.0,	1.2);	(-110.0,	-25.0,	0.0,	1.2);
(-110.0,	-30.0,	0.0,	1.2);	(-110.0,	-40.0,	0.0,	1.2);
(-110.0,	-50.0,	0.0,	1.2);	(-110.0,	-60.0,	0.0,	1.2);
(-110.0,	-70.0,	0.0,	1.2);	(-110.0,	-80.0,	0.0,	1.2);
(-110.0,	-90.0,	0.0,	1.2);	(-110.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
PAGE 9

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	100.0,	0.0,	1.2);	(-100.0,	90.0,	0.0,	1.2);
(-100.0,	80.0,	0.0,	1.2);	(-100.0,	70.0,	0.0,	1.2);
(-100.0,	60.0,	0.0,	1.2);	(-100.0,	50.0,	0.0,	1.2);
(-100.0,	40.0,	0.0,	1.2);	(-100.0,	30.0,	0.0,	1.2);
(-100.0,	25.0,	0.0,	1.2);	(-100.0,	20.0,	0.0,	1.2);
(-100.0,	17.0,	0.0,	1.2);	(-100.0,	15.0,	0.0,	1.2);
(-100.0,	13.0,	0.0,	1.2);	(-100.0,	11.0,	0.0,	1.2);

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

(-100.0,	9.0,	0.0,	1.2);	(-100.0,	-9.0,	0.0,	1.2);
(-100.0,	-11.0,	0.0,	1.2);	(-100.0,	-13.0,	0.0,	1.2);
(-100.0,	-15.0,	0.0,	1.2);	(-100.0,	-17.0,	0.0,	1.2);
(-100.0,	-20.0,	0.0,	1.2);	(-100.0,	-25.0,	0.0,	1.2);
(-100.0,	-30.0,	0.0,	1.2);	(-100.0,	-40.0,	0.0,	1.2);
(-100.0,	-50.0,	0.0,	1.2);	(-100.0,	-60.0,	0.0,	1.2);
(-100.0,	-70.0,	0.0,	1.2);	(-100.0,	-80.0,	0.0,	1.2);
(-100.0,	-90.0,	0.0,	1.2);	(-100.0,	-100.0,	0.0,	1.2);
(-90.0,	100.0,	0.0,	1.2);	(-90.0,	90.0,	0.0,	1.2);
(-90.0,	80.0,	0.0,	1.2);	(-90.0,	70.0,	0.0,	1.2);
(-90.0,	60.0,	0.0,	1.2);	(-90.0,	50.0,	0.0,	1.2);
(-90.0,	40.0,	0.0,	1.2);	(-90.0,	30.0,	0.0,	1.2);
(-90.0,	25.0,	0.0,	1.2);	(-90.0,	20.0,	0.0,	1.2);
(-90.0,	17.0,	0.0,	1.2);	(-90.0,	15.0,	0.0,	1.2);
(-90.0,	13.0,	0.0,	1.2);	(-90.0,	11.0,	0.0,	1.2);
(-90.0,	9.0,	0.0,	1.2);	(-90.0,	-9.0,	0.0,	1.2);
(-90.0,	-11.0,	0.0,	1.2);	(-90.0,	-13.0,	0.0,	1.2);
(-90.0,	-15.0,	0.0,	1.2);	(-90.0,	-17.0,	0.0,	1.2);
(-90.0,	-20.0,	0.0,	1.2);	(-90.0,	-25.0,	0.0,	1.2);
(-90.0,	-30.0,	0.0,	1.2);	(-90.0,	-40.0,	0.0,	1.2);
(-90.0,	-50.0,	0.0,	1.2);	(-90.0,	-60.0,	0.0,	1.2);
(-90.0,	-70.0,	0.0,	1.2);	(-90.0,	-80.0,	0.0,	1.2);
(-90.0,	-90.0,	0.0,	1.2);	(-90.0,	-100.0,	0.0,	1.2);
(-80.0,	100.0,	0.0,	1.2);	(-80.0,	90.0,	0.0,	1.2);
(-80.0,	80.0,	0.0,	1.2);	(-80.0,	70.0,	0.0,	1.2);
(-80.0,	60.0,	0.0,	1.2);	(-80.0,	50.0,	0.0,	1.2);
(-80.0,	40.0,	0.0,	1.2);	(-80.0,	30.0,	0.0,	1.2);
(-80.0,	25.0,	0.0,	1.2);	(-80.0,	20.0,	0.0,	1.2);
(-80.0,	17.0,	0.0,	1.2);	(-80.0,	15.0,	0.0,	1.2);
(-80.0,	13.0,	0.0,	1.2);	(-80.0,	11.0,	0.0,	1.2);
(-80.0,	9.0,	0.0,	1.2);	(-80.0,	-9.0,	0.0,	1.2);
(-80.0,	-11.0,	0.0,	1.2);	(-80.0,	-13.0,	0.0,	1.2);
(-80.0,	-15.0,	0.0,	1.2);	(-80.0,	-17.0,	0.0,	1.2);
(-80.0,	-20.0,	0.0,	1.2);	(-80.0,	-25.0,	0.0,	1.2);
(-80.0,	-30.0,	0.0,	1.2);	(-80.0,	-40.0,	0.0,	1.2);
(-80.0,	-50.0,	0.0,	1.2);	(-80.0,	-60.0,	0.0,	1.2);
(-80.0,	-70.0,	0.0,	1.2);	(-80.0,	-80.0,	0.0,	1.2);
(-80.0,	-90.0,	0.0,	1.2);	(-80.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

PAGE 10

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound
(METERS)

(-70.0, 100.0, 0.0, 1.2);	(-70.0, 90.0, 0.0, 1.2);
(-70.0, 80.0, 0.0, 1.2);	(-70.0, 70.0, 0.0, 1.2);
(-70.0, 60.0, 0.0, 1.2);	(-70.0, 50.0, 0.0, 1.2);
(-70.0, 40.0, 0.0, 1.2);	(-70.0, 30.0, 0.0, 1.2);
(-70.0, 25.0, 0.0, 1.2);	(-70.0, 20.0, 0.0, 1.2);
(-70.0, 17.0, 0.0, 1.2);	(-70.0, 15.0, 0.0, 1.2);
(-70.0, 13.0, 0.0, 1.2);	(-70.0, 11.0, 0.0, 1.2);
(-70.0, 9.0, 0.0, 1.2);	(-70.0, -9.0, 0.0, 1.2);
(-70.0, -11.0, 0.0, 1.2);	(-70.0, -13.0, 0.0, 1.2);
(-70.0, -15.0, 0.0, 1.2);	(-70.0, -17.0, 0.0, 1.2);
(-70.0, -20.0, 0.0, 1.2);	(-70.0, -25.0, 0.0, 1.2);
(-70.0, -30.0, 0.0, 1.2);	(-70.0, -40.0, 0.0, 1.2);
(-70.0, -50.0, 0.0, 1.2);	(-70.0, -60.0, 0.0, 1.2);
(-70.0, -70.0, 0.0, 1.2);	(-70.0, -80.0, 0.0, 1.2);
(-70.0, -90.0, 0.0, 1.2);	(-70.0, -100.0, 0.0, 1.2);
(-60.0, 100.0, 0.0, 1.2);	(-60.0, 90.0, 0.0, 1.2);
(-60.0, 80.0, 0.0, 1.2);	(-60.0, 70.0, 0.0, 1.2);
(-60.0, 60.0, 0.0, 1.2);	(-60.0, 50.0, 0.0, 1.2);
(-60.0, 40.0, 0.0, 1.2);	(-60.0, 30.0, 0.0, 1.2);
(-60.0, 25.0, 0.0, 1.2);	(-60.0, 20.0, 0.0, 1.2);
(-60.0, 17.0, 0.0, 1.2);	(-60.0, 15.0, 0.0, 1.2);
(-60.0, 13.0, 0.0, 1.2);	(-60.0, 11.0, 0.0, 1.2);
(-60.0, 9.0, 0.0, 1.2);	(-60.0, -9.0, 0.0, 1.2);
(-60.0, -11.0, 0.0, 1.2);	(-60.0, -13.0, 0.0, 1.2);
(-60.0, -15.0, 0.0, 1.2);	(-60.0, -17.0, 0.0, 1.2);
(-60.0, -20.0, 0.0, 1.2);	(-60.0, -25.0, 0.0, 1.2);
(-60.0, -30.0, 0.0, 1.2);	(-60.0, -40.0, 0.0, 1.2);
(-60.0, -50.0, 0.0, 1.2);	(-60.0, -60.0, 0.0, 1.2);
(-60.0, -70.0, 0.0, 1.2);	(-60.0, -80.0, 0.0, 1.2);
(-60.0, -90.0, 0.0, 1.2);	(-60.0, -100.0, 0.0, 1.2);
(-50.0, 100.0, 0.0, 1.2);	(-50.0, 90.0, 0.0, 1.2);
(-50.0, 80.0, 0.0, 1.2);	(-50.0, 70.0, 0.0, 1.2);
(-50.0, 60.0, 0.0, 1.2);	(-50.0, 50.0, 0.0, 1.2);
(-50.0, 40.0, 0.0, 1.2);	(-50.0, 30.0, 0.0, 1.2);
(-50.0, 25.0, 0.0, 1.2);	(-50.0, 20.0, 0.0, 1.2);
(-50.0, 17.0, 0.0, 1.2);	(-50.0, 15.0, 0.0, 1.2);
(-50.0, 13.0, 0.0, 1.2);	(-50.0, 11.0, 0.0, 1.2);
(-50.0, 9.0, 0.0, 1.2);	(-50.0, -9.0, 0.0, 1.2);
(-50.0, -11.0, 0.0, 1.2);	(-50.0, -13.0, 0.0, 1.2);
(-50.0, -15.0, 0.0, 1.2);	(-50.0, -17.0, 0.0, 1.2);
(-50.0, -20.0, 0.0, 1.2);	(-50.0, -25.0, 0.0, 1.2);
(-50.0, -30.0, 0.0, 1.2);	(-50.0, -40.0, 0.0, 1.2);
(-50.0, -50.0, 0.0, 1.2);	(-50.0, -60.0, 0.0, 1.2);

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

(-50.0, -70.0, 0.0, 1.2); (-50.0, -80.0, 0.0, 1.2);
(-50.0, -90.0, 0.0, 1.2); (-50.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

PAGE 11

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-40.0, 100.0, 0.0, 1.2); (-40.0, 90.0, 0.0, 1.2);
(-40.0, 80.0, 0.0, 1.2); (-40.0, 70.0, 0.0, 1.2);
(-40.0, 60.0, 0.0, 1.2); (-40.0, 50.0, 0.0, 1.2);
(-40.0, 40.0, 0.0, 1.2); (-40.0, 30.0, 0.0, 1.2);
(-40.0, 25.0, 0.0, 1.2); (-40.0, 20.0, 0.0, 1.2);
(-40.0, 17.0, 0.0, 1.2); (-40.0, 15.0, 0.0, 1.2);
(-40.0, 13.0, 0.0, 1.2); (-40.0, 11.0, 0.0, 1.2);
(-40.0, 9.0, 0.0, 1.2); (-40.0, -9.0, 0.0, 1.2);
(-40.0, -11.0, 0.0, 1.2); (-40.0, -13.0, 0.0, 1.2);
(-40.0, -15.0, 0.0, 1.2); (-40.0, -17.0, 0.0, 1.2);
(-40.0, -20.0, 0.0, 1.2); (-40.0, -25.0, 0.0, 1.2);
(-40.0, -30.0, 0.0, 1.2); (-40.0, -40.0, 0.0, 1.2);
(-40.0, -50.0, 0.0, 1.2); (-40.0, -60.0, 0.0, 1.2);
(-40.0, -70.0, 0.0, 1.2); (-40.0, -80.0, 0.0, 1.2);
(-40.0, -90.0, 0.0, 1.2); (-40.0, -100.0, 0.0, 1.2);
(-30.0, 100.0, 0.0, 1.2); (-30.0, 90.0, 0.0, 1.2);
(-30.0, 80.0, 0.0, 1.2); (-30.0, 70.0, 0.0, 1.2);
(-30.0, 60.0, 0.0, 1.2); (-30.0, 50.0, 0.0, 1.2);
(-30.0, 40.0, 0.0, 1.2); (-30.0, 30.0, 0.0, 1.2);
(-30.0, 25.0, 0.0, 1.2); (-30.0, 20.0, 0.0, 1.2);
(-30.0, 17.0, 0.0, 1.2); (-30.0, 15.0, 0.0, 1.2);
(-30.0, 13.0, 0.0, 1.2); (-30.0, 11.0, 0.0, 1.2);
(-30.0, 9.0, 0.0, 1.2); (-30.0, -9.0, 0.0, 1.2);
(-30.0, -11.0, 0.0, 1.2); (-30.0, -13.0, 0.0, 1.2);
(-30.0, -15.0, 0.0, 1.2); (-30.0, -17.0, 0.0, 1.2);
(-30.0, -20.0, 0.0, 1.2); (-30.0, -25.0, 0.0, 1.2);
(-30.0, -30.0, 0.0, 1.2); (-30.0, -40.0, 0.0, 1.2);
(-30.0, -50.0, 0.0, 1.2); (-30.0, -60.0, 0.0, 1.2);
(-30.0, -70.0, 0.0, 1.2); (-30.0, -80.0, 0.0, 1.2);
(-30.0, -90.0, 0.0, 1.2); (-30.0, -100.0, 0.0, 1.2);
(-20.0, 100.0, 0.0, 1.2); (-20.0, 90.0, 0.0, 1.2);
(-20.0, 80.0, 0.0, 1.2); (-20.0, 70.0, 0.0, 1.2);
(-20.0, 60.0, 0.0, 1.2); (-20.0, 50.0, 0.0, 1.2);
(-20.0, 40.0, 0.0, 1.2); (-20.0, 30.0, 0.0, 1.2);
(-20.0, 25.0, 0.0, 1.2); (-20.0, 20.0, 0.0, 1.2);

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

(-20.0, 17.0, 0.0, 1.2); (-20.0, 15.0, 0.0, 1.2);
(-20.0, 13.0, 0.0, 1.2); (-20.0, 11.0, 0.0, 1.2);
(-20.0, 9.0, 0.0, 1.2); (-20.0, -9.0, 0.0, 1.2);
(-20.0, -11.0, 0.0, 1.2); (-20.0, -13.0, 0.0, 1.2);
(-20.0, -15.0, 0.0, 1.2); (-20.0, -17.0, 0.0, 1.2);
(-20.0, -20.0, 0.0, 1.2); (-20.0, -25.0, 0.0, 1.2);
(-20.0, -30.0, 0.0, 1.2); (-20.0, -40.0, 0.0, 1.2);
(-20.0, -50.0, 0.0, 1.2); (-20.0, -60.0, 0.0, 1.2);
(-20.0, -70.0, 0.0, 1.2); (-20.0, -80.0, 0.0, 1.2);
(-20.0, -90.0, 0.0, 1.2); (-20.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:
PAGE 12

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-10.0, 100.0, 0.0, 1.2); (-10.0, 90.0, 0.0, 1.2);
(-10.0, 80.0, 0.0, 1.2); (-10.0, 70.0, 0.0, 1.2);
(-10.0, 60.0, 0.0, 1.2); (-10.0, 50.0, 0.0, 1.2);
(-10.0, 40.0, 0.0, 1.2); (-10.0, 30.0, 0.0, 1.2);
(-10.0, 25.0, 0.0, 1.2); (-10.0, 20.0, 0.0, 1.2);
(-10.0, 17.0, 0.0, 1.2); (-10.0, 15.0, 0.0, 1.2);
(-10.0, 13.0, 0.0, 1.2); (-10.0, 11.0, 0.0, 1.2);
(-10.0, 9.0, 0.0, 1.2); (-10.0, -9.0, 0.0, 1.2);
(-10.0, -11.0, 0.0, 1.2); (-10.0, -13.0, 0.0, 1.2);
(-10.0, -15.0, 0.0, 1.2); (-10.0, -17.0, 0.0, 1.2);
(-10.0, -20.0, 0.0, 1.2); (-10.0, -25.0, 0.0, 1.2);
(-10.0, -30.0, 0.0, 1.2); (-10.0, -40.0, 0.0, 1.2);
(-10.0, -50.0, 0.0, 1.2); (-10.0, -60.0, 0.0, 1.2);
(-10.0, -70.0, 0.0, 1.2); (-10.0, -80.0, 0.0, 1.2);
(-10.0, -90.0, 0.0, 1.2); (-10.0, -100.0, 0.0, 1.2);
(0.0, 100.0, 0.0, 1.2); (0.0, 90.0, 0.0, 1.2);
(0.0, 80.0, 0.0, 1.2); (0.0, 70.0, 0.0, 1.2);
(0.0, 60.0, 0.0, 1.2); (0.0, 50.0, 0.0, 1.2);
(0.0, 40.0, 0.0, 1.2); (0.0, 30.0, 0.0, 1.2);
(0.0, 25.0, 0.0, 1.2); (0.0, 20.0, 0.0, 1.2);
(0.0, 17.0, 0.0, 1.2); (0.0, 15.0, 0.0, 1.2);
(0.0, 13.0, 0.0, 1.2); (0.0, 11.0, 0.0, 1.2);
(0.0, 9.0, 0.0, 1.2); (0.0, -9.0, 0.0, 1.2);
(0.0, -11.0, 0.0, 1.2); (0.0, -13.0, 0.0, 1.2);
(0.0, -15.0, 0.0, 1.2); (0.0, -17.0, 0.0, 1.2);
(0.0, -20.0, 0.0, 1.2); (0.0, -25.0, 0.0, 1.2);
(0.0, -30.0, 0.0, 1.2); (0.0, -40.0, 0.0, 1.2);

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

(0.0, -50.0, 0.0, 1.2);	(0.0, -60.0, 0.0, 1.2);
(0.0, -70.0, 0.0, 1.2);	(0.0, -80.0, 0.0, 1.2);
(0.0, -90.0, 0.0, 1.2);	(0.0, -100.0, 0.0, 1.2);
(10.0, 100.0, 0.0, 1.2);	(10.0, 90.0, 0.0, 1.2);
(10.0, 80.0, 0.0, 1.2);	(10.0, 70.0, 0.0, 1.2);
(10.0, 60.0, 0.0, 1.2);	(10.0, 50.0, 0.0, 1.2);
(10.0, 40.0, 0.0, 1.2);	(10.0, 30.0, 0.0, 1.2);
(10.0, 25.0, 0.0, 1.2);	(10.0, 20.0, 0.0, 1.2);
(10.0, 17.0, 0.0, 1.2);	(10.0, 15.0, 0.0, 1.2);
(10.0, 13.0, 0.0, 1.2);	(10.0, 11.0, 0.0, 1.2);
(10.0, 9.0, 0.0, 1.2);	(10.0, -9.0, 0.0, 1.2);
(10.0, -11.0, 0.0, 1.2);	(10.0, -13.0, 0.0, 1.2);
(10.0, -15.0, 0.0, 1.2);	(10.0, -17.0, 0.0, 1.2);
(10.0, -20.0, 0.0, 1.2);	(10.0, -25.0, 0.0, 1.2);
(10.0, -30.0, 0.0, 1.2);	(10.0, -40.0, 0.0, 1.2);
(10.0, -50.0, 0.0, 1.2);	(10.0, -60.0, 0.0, 1.2);
(10.0, -70.0, 0.0, 1.2);	(10.0, -80.0, 0.0, 1.2);
(10.0, -90.0, 0.0, 1.2);	(10.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(20.0, 100.0, 0.0, 1.2);	(20.0, 90.0, 0.0, 1.2);
(20.0, 80.0, 0.0, 1.2);	(20.0, 70.0, 0.0, 1.2);
(20.0, 60.0, 0.0, 1.2);	(20.0, 50.0, 0.0, 1.2);
(20.0, 40.0, 0.0, 1.2);	(20.0, 30.0, 0.0, 1.2);
(20.0, 25.0, 0.0, 1.2);	(20.0, 20.0, 0.0, 1.2);
(20.0, 17.0, 0.0, 1.2);	(20.0, 15.0, 0.0, 1.2);
(20.0, 13.0, 0.0, 1.2);	(20.0, 11.0, 0.0, 1.2);
(20.0, 9.0, 0.0, 1.2);	(20.0, -9.0, 0.0, 1.2);
(20.0, -11.0, 0.0, 1.2);	(20.0, -13.0, 0.0, 1.2);
(20.0, -15.0, 0.0, 1.2);	(20.0, -17.0, 0.0, 1.2);
(20.0, -20.0, 0.0, 1.2);	(20.0, -25.0, 0.0, 1.2);
(20.0, -30.0, 0.0, 1.2);	(20.0, -40.0, 0.0, 1.2);
(20.0, -50.0, 0.0, 1.2);	(20.0, -60.0, 0.0, 1.2);
(20.0, -70.0, 0.0, 1.2);	(20.0, -80.0, 0.0, 1.2);
(20.0, -90.0, 0.0, 1.2);	(20.0, -100.0, 0.0, 1.2);
(30.0, 100.0, 0.0, 1.2);	(30.0, 90.0, 0.0, 1.2);
(30.0, 80.0, 0.0, 1.2);	(30.0, 70.0, 0.0, 1.2);
(30.0, 60.0, 0.0, 1.2);	(30.0, 50.0, 0.0, 1.2);
(30.0, 40.0, 0.0, 1.2);	(30.0, 30.0, 0.0, 1.2);

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

(30.0, 25.0, 0.0, 1.2);	(30.0, 20.0, 0.0, 1.2);
(30.0, 17.0, 0.0, 1.2);	(30.0, 15.0, 0.0, 1.2);
(30.0, 13.0, 0.0, 1.2);	(30.0, 11.0, 0.0, 1.2);
(30.0, 9.0, 0.0, 1.2);	(30.0, -9.0, 0.0, 1.2);
(30.0, -11.0, 0.0, 1.2);	(30.0, -13.0, 0.0, 1.2);
(30.0, -15.0, 0.0, 1.2);	(30.0, -17.0, 0.0, 1.2);
(30.0, -20.0, 0.0, 1.2);	(30.0, -25.0, 0.0, 1.2);
(30.0, -30.0, 0.0, 1.2);	(30.0, -40.0, 0.0, 1.2);
(30.0, -50.0, 0.0, 1.2);	(30.0, -60.0, 0.0, 1.2);
(30.0, -70.0, 0.0, 1.2);	(30.0, -80.0, 0.0, 1.2);
(30.0, -90.0, 0.0, 1.2);	(30.0, -100.0, 0.0, 1.2);
(40.0, 100.0, 0.0, 1.2);	(40.0, 90.0, 0.0, 1.2);
(40.0, 80.0, 0.0, 1.2);	(40.0, 70.0, 0.0, 1.2);
(40.0, 60.0, 0.0, 1.2);	(40.0, 50.0, 0.0, 1.2);
(40.0, 40.0, 0.0, 1.2);	(40.0, 30.0, 0.0, 1.2);
(40.0, 25.0, 0.0, 1.2);	(40.0, 20.0, 0.0, 1.2);
(40.0, 17.0, 0.0, 1.2);	(40.0, 15.0, 0.0, 1.2);
(40.0, 13.0, 0.0, 1.2);	(40.0, 11.0, 0.0, 1.2);
(40.0, 9.0, 0.0, 1.2);	(40.0, -9.0, 0.0, 1.2);
(40.0, -11.0, 0.0, 1.2);	(40.0, -13.0, 0.0, 1.2);
(40.0, -15.0, 0.0, 1.2);	(40.0, -17.0, 0.0, 1.2);
(40.0, -20.0, 0.0, 1.2);	(40.0, -25.0, 0.0, 1.2);
(40.0, -30.0, 0.0, 1.2);	(40.0, -40.0, 0.0, 1.2);
(40.0, -50.0, 0.0, 1.2);	(40.0, -60.0, 0.0, 1.2);
(40.0, -70.0, 0.0, 1.2);	(40.0, -80.0, 0.0, 1.2);
(40.0, -90.0, 0.0, 1.2);	(40.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(50.0, 100.0, 0.0, 1.2);	(50.0, 90.0, 0.0, 1.2);
(50.0, 80.0, 0.0, 1.2);	(50.0, 70.0, 0.0, 1.2);
(50.0, 60.0, 0.0, 1.2);	(50.0, 50.0, 0.0, 1.2);
(50.0, 40.0, 0.0, 1.2);	(50.0, 30.0, 0.0, 1.2);
(50.0, 25.0, 0.0, 1.2);	(50.0, 20.0, 0.0, 1.2);
(50.0, 17.0, 0.0, 1.2);	(50.0, 15.0, 0.0, 1.2);
(50.0, 13.0, 0.0, 1.2);	(50.0, 11.0, 0.0, 1.2);
(50.0, 9.0, 0.0, 1.2);	(50.0, -9.0, 0.0, 1.2);
(50.0, -11.0, 0.0, 1.2);	(50.0, -13.0, 0.0, 1.2);
(50.0, -15.0, 0.0, 1.2);	(50.0, -17.0, 0.0, 1.2);
(50.0, -20.0, 0.0, 1.2);	(50.0, -25.0, 0.0, 1.2);

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

(50.0, -30.0, 0.0, 1.2);	(50.0, -40.0, 0.0, 1.2);
(50.0, -50.0, 0.0, 1.2);	(50.0, -60.0, 0.0, 1.2);
(50.0, -70.0, 0.0, 1.2);	(50.0, -80.0, 0.0, 1.2);
(50.0, -90.0, 0.0, 1.2);	(50.0, -100.0, 0.0, 1.2);
(60.0, 100.0, 0.0, 1.2);	(60.0, 90.0, 0.0, 1.2);
(60.0, 80.0, 0.0, 1.2);	(60.0, 70.0, 0.0, 1.2);
(60.0, 60.0, 0.0, 1.2);	(60.0, 50.0, 0.0, 1.2);
(60.0, 40.0, 0.0, 1.2);	(60.0, 30.0, 0.0, 1.2);
(60.0, 25.0, 0.0, 1.2);	(60.0, 20.0, 0.0, 1.2);
(60.0, 17.0, 0.0, 1.2);	(60.0, 15.0, 0.0, 1.2);
(60.0, 13.0, 0.0, 1.2);	(60.0, 11.0, 0.0, 1.2);
(60.0, 9.0, 0.0, 1.2);	(60.0, -9.0, 0.0, 1.2);
(60.0, -11.0, 0.0, 1.2);	(60.0, -13.0, 0.0, 1.2);
(60.0, -15.0, 0.0, 1.2);	(60.0, -17.0, 0.0, 1.2);
(60.0, -20.0, 0.0, 1.2);	(60.0, -25.0, 0.0, 1.2);
(60.0, -30.0, 0.0, 1.2);	(60.0, -40.0, 0.0, 1.2);
(60.0, -50.0, 0.0, 1.2);	(60.0, -60.0, 0.0, 1.2);
(60.0, -70.0, 0.0, 1.2);	(60.0, -80.0, 0.0, 1.2);
(60.0, -90.0, 0.0, 1.2);	(60.0, -100.0, 0.0, 1.2);
(70.0, 100.0, 0.0, 1.2);	(70.0, 90.0, 0.0, 1.2);
(70.0, 80.0, 0.0, 1.2);	(70.0, 70.0, 0.0, 1.2);
(70.0, 60.0, 0.0, 1.2);	(70.0, 50.0, 0.0, 1.2);
(70.0, 40.0, 0.0, 1.2);	(70.0, 30.0, 0.0, 1.2);
(70.0, 25.0, 0.0, 1.2);	(70.0, 20.0, 0.0, 1.2);
(70.0, 17.0, 0.0, 1.2);	(70.0, 15.0, 0.0, 1.2);
(70.0, 13.0, 0.0, 1.2);	(70.0, 11.0, 0.0, 1.2);
(70.0, 9.0, 0.0, 1.2);	(70.0, -9.0, 0.0, 1.2);
(70.0, -11.0, 0.0, 1.2);	(70.0, -13.0, 0.0, 1.2);
(70.0, -15.0, 0.0, 1.2);	(70.0, -17.0, 0.0, 1.2);
(70.0, -20.0, 0.0, 1.2);	(70.0, -25.0, 0.0, 1.2);
(70.0, -30.0, 0.0, 1.2);	(70.0, -40.0, 0.0, 1.2);
(70.0, -50.0, 0.0, 1.2);	(70.0, -60.0, 0.0, 1.2);
(70.0, -70.0, 0.0, 1.2);	(70.0, -80.0, 0.0, 1.2);
(70.0, -90.0, 0.0, 1.2);	(70.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 15
 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(80.0, 100.0, 0.0, 1.2);	(80.0, 90.0, 0.0, 1.2);
(80.0, 80.0, 0.0, 1.2);	(80.0, 70.0, 0.0, 1.2);
(80.0, 60.0, 0.0, 1.2);	(80.0, 50.0, 0.0, 1.2);

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

(80.0, 40.0, 0.0, 1.2);	(80.0, 30.0, 0.0, 1.2);
(80.0, 25.0, 0.0, 1.2);	(80.0, 20.0, 0.0, 1.2);
(80.0, 17.0, 0.0, 1.2);	(80.0, 15.0, 0.0, 1.2);
(80.0, 13.0, 0.0, 1.2);	(80.0, 11.0, 0.0, 1.2);
(80.0, 9.0, 0.0, 1.2);	(80.0, -9.0, 0.0, 1.2);
(80.0, -11.0, 0.0, 1.2);	(80.0, -13.0, 0.0, 1.2);
(80.0, -15.0, 0.0, 1.2);	(80.0, -17.0, 0.0, 1.2);
(80.0, -20.0, 0.0, 1.2);	(80.0, -25.0, 0.0, 1.2);
(80.0, -30.0, 0.0, 1.2);	(80.0, -40.0, 0.0, 1.2);
(80.0, -50.0, 0.0, 1.2);	(80.0, -60.0, 0.0, 1.2);
(80.0, -70.0, 0.0, 1.2);	(80.0, -80.0, 0.0, 1.2);
(80.0, -90.0, 0.0, 1.2);	(80.0, -100.0, 0.0, 1.2);
(90.0, 100.0, 0.0, 1.2);	(90.0, 90.0, 0.0, 1.2);
(90.0, 80.0, 0.0, 1.2);	(90.0, 70.0, 0.0, 1.2);
(90.0, 60.0, 0.0, 1.2);	(90.0, 50.0, 0.0, 1.2);
(90.0, 40.0, 0.0, 1.2);	(90.0, 30.0, 0.0, 1.2);
(90.0, 25.0, 0.0, 1.2);	(90.0, 20.0, 0.0, 1.2);
(90.0, 17.0, 0.0, 1.2);	(90.0, 15.0, 0.0, 1.2);
(90.0, 13.0, 0.0, 1.2);	(90.0, 11.0, 0.0, 1.2);
(90.0, 9.0, 0.0, 1.2);	(90.0, -9.0, 0.0, 1.2);
(90.0, -11.0, 0.0, 1.2);	(90.0, -13.0, 0.0, 1.2);
(90.0, -15.0, 0.0, 1.2);	(90.0, -17.0, 0.0, 1.2);
(90.0, -20.0, 0.0, 1.2);	(90.0, -25.0, 0.0, 1.2);
(90.0, -30.0, 0.0, 1.2);	(90.0, -40.0, 0.0, 1.2);
(90.0, -50.0, 0.0, 1.2);	(90.0, -60.0, 0.0, 1.2);
(90.0, -70.0, 0.0, 1.2);	(90.0, -80.0, 0.0, 1.2);
(90.0, -90.0, 0.0, 1.2);	(90.0, -100.0, 0.0, 1.2);
(100.0, 100.0, 0.0, 1.2);	(100.0, 90.0, 0.0, 1.2);
(100.0, 80.0, 0.0, 1.2);	(100.0, 70.0, 0.0, 1.2);
(100.0, 60.0, 0.0, 1.2);	(100.0, 50.0, 0.0, 1.2);
(100.0, 40.0, 0.0, 1.2);	(100.0, 30.0, 0.0, 1.2);
(100.0, 25.0, 0.0, 1.2);	(100.0, 20.0, 0.0, 1.2);
(100.0, 17.0, 0.0, 1.2);	(100.0, 15.0, 0.0, 1.2);
(100.0, 13.0, 0.0, 1.2);	(100.0, 11.0, 0.0, 1.2);
(100.0, 9.0, 0.0, 1.2);	(100.0, -9.0, 0.0, 1.2);
(100.0, -11.0, 0.0, 1.2);	(100.0, -13.0, 0.0, 1.2);
(100.0, -15.0, 0.0, 1.2);	(100.0, -17.0, 0.0, 1.2);
(100.0, -20.0, 0.0, 1.2);	(100.0, -25.0, 0.0, 1.2);
(100.0, -30.0, 0.0, 1.2);	(100.0, -40.0, 0.0, 1.2);
(100.0, -50.0, 0.0, 1.2);	(100.0, -60.0, 0.0, 1.2);
(100.0, -70.0, 0.0, 1.2);	(100.0, -80.0, 0.0, 1.2);
(100.0, -90.0, 0.0, 1.2);	(100.0, -100.0, 0.0, 1.2);

**MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(110.0, 100.0, 0.0, 1.2);	(110.0, 90.0, 0.0, 1.2);
(110.0, 80.0, 0.0, 1.2);	(110.0, 70.0, 0.0, 1.2);
(110.0, 60.0, 0.0, 1.2);	(110.0, 50.0, 0.0, 1.2);
(110.0, 40.0, 0.0, 1.2);	(110.0, 30.0, 0.0, 1.2);
(110.0, 25.0, 0.0, 1.2);	(110.0, 20.0, 0.0, 1.2);
(110.0, 17.0, 0.0, 1.2);	(110.0, 15.0, 0.0, 1.2);
(110.0, 13.0, 0.0, 1.2);	(110.0, 11.0, 0.0, 1.2);
(110.0, 9.0, 0.0, 1.2);	(110.0, -9.0, 0.0, 1.2);
(110.0, -11.0, 0.0, 1.2);	(110.0, -13.0, 0.0, 1.2);
(110.0, -15.0, 0.0, 1.2);	(110.0, -17.0, 0.0, 1.2);
(110.0, -20.0, 0.0, 1.2);	(110.0, -25.0, 0.0, 1.2);
(110.0, -30.0, 0.0, 1.2);	(110.0, -40.0, 0.0, 1.2);
(110.0, -50.0, 0.0, 1.2);	(110.0, -60.0, 0.0, 1.2);
(110.0, -70.0, 0.0, 1.2);	(110.0, -80.0, 0.0, 1.2);
(110.0, -90.0, 0.0, 1.2);	(110.0, -100.0, 0.0, 1.2);
(120.0, 100.0, 0.0, 1.2);	(120.0, 90.0, 0.0, 1.2);
(120.0, 80.0, 0.0, 1.2);	(120.0, 70.0, 0.0, 1.2);
(120.0, 60.0, 0.0, 1.2);	(120.0, 50.0, 0.0, 1.2);
(120.0, 40.0, 0.0, 1.2);	(120.0, 30.0, 0.0, 1.2);
(120.0, 25.0, 0.0, 1.2);	(120.0, 20.0, 0.0, 1.2);
(120.0, 17.0, 0.0, 1.2);	(120.0, 15.0, 0.0, 1.2);
(120.0, 13.0, 0.0, 1.2);	(120.0, 11.0, 0.0, 1.2);
(120.0, 9.0, 0.0, 1.2);	(120.0, -9.0, 0.0, 1.2);
(120.0, -11.0, 0.0, 1.2);	(120.0, -13.0, 0.0, 1.2);
(120.0, -15.0, 0.0, 1.2);	(120.0, -17.0, 0.0, 1.2);
(120.0, -20.0, 0.0, 1.2);	(120.0, -25.0, 0.0, 1.2);
(120.0, -30.0, 0.0, 1.2);	(120.0, -40.0, 0.0, 1.2);
(120.0, -50.0, 0.0, 1.2);	(120.0, -60.0, 0.0, 1.2);
(120.0, -70.0, 0.0, 1.2);	(120.0, -80.0, 0.0, 1.2);
(120.0, -90.0, 0.0, 1.2);	(120.0, -100.0, 0.0, 1.2);
(130.0, 100.0, 0.0, 1.2);	(130.0, 90.0, 0.0, 1.2);
(130.0, 80.0, 0.0, 1.2);	(130.0, 70.0, 0.0, 1.2);
(130.0, 60.0, 0.0, 1.2);	(130.0, 50.0, 0.0, 1.2);
(130.0, 40.0, 0.0, 1.2);	(130.0, 30.0, 0.0, 1.2);
(130.0, 25.0, 0.0, 1.2);	(130.0, 20.0, 0.0, 1.2);
(130.0, 17.0, 0.0, 1.2);	(130.0, 15.0, 0.0, 1.2);
(130.0, 13.0, 0.0, 1.2);	(130.0, 11.0, 0.0, 1.2);
(130.0, 9.0, 0.0, 1.2);	(130.0, -9.0, 0.0, 1.2);
(130.0, -11.0, 0.0, 1.2);	(130.0, -13.0, 0.0, 1.2);

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

(130.0,	-15.0,	0.0,	1.2);	(130.0,	-17.0,	0.0,	1.2);
(130.0,	-20.0,	0.0,	1.2);	(130.0,	-25.0,	0.0,	1.2);
(130.0,	-30.0,	0.0,	1.2);	(130.0,	-40.0,	0.0,	1.2);
(130.0,	-50.0,	0.0,	1.2);	(130.0,	-60.0,	0.0,	1.2);
(130.0,	-70.0,	0.0,	1.2);	(130.0,	-80.0,	0.0,	1.2);
(130.0,	-90.0,	0.0,	1.2);	(130.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(140.0,	100.0,	0.0,	1.2);	(140.0,	90.0,	0.0,	1.2);
(140.0,	80.0,	0.0,	1.2);	(140.0,	70.0,	0.0,	1.2);
(140.0,	60.0,	0.0,	1.2);	(140.0,	50.0,	0.0,	1.2);
(140.0,	40.0,	0.0,	1.2);	(140.0,	30.0,	0.0,	1.2);
(140.0,	25.0,	0.0,	1.2);	(140.0,	20.0,	0.0,	1.2);
(140.0,	17.0,	0.0,	1.2);	(140.0,	15.0,	0.0,	1.2);
(140.0,	13.0,	0.0,	1.2);	(140.0,	11.0,	0.0,	1.2);
(140.0,	9.0,	0.0,	1.2);	(140.0,	-9.0,	0.0,	1.2);
(140.0,	-11.0,	0.0,	1.2);	(140.0,	-13.0,	0.0,	1.2);
(140.0,	-15.0,	0.0,	1.2);	(140.0,	-17.0,	0.0,	1.2);
(140.0,	-20.0,	0.0,	1.2);	(140.0,	-25.0,	0.0,	1.2);
(140.0,	-30.0,	0.0,	1.2);	(140.0,	-40.0,	0.0,	1.2);
(140.0,	-50.0,	0.0,	1.2);	(140.0,	-60.0,	0.0,	1.2);
(140.0,	-70.0,	0.0,	1.2);	(140.0,	-80.0,	0.0,	1.2);
(140.0,	-90.0,	0.0,	1.2);	(140.0,	-100.0,	0.0,	1.2);
(150.0,	100.0,	0.0,	1.2);	(150.0,	90.0,	0.0,	1.2);
(150.0,	80.0,	0.0,	1.2);	(150.0,	70.0,	0.0,	1.2);
(150.0,	60.0,	0.0,	1.2);	(150.0,	50.0,	0.0,	1.2);
(150.0,	40.0,	0.0,	1.2);	(150.0,	30.0,	0.0,	1.2);
(150.0,	25.0,	0.0,	1.2);	(150.0,	20.0,	0.0,	1.2);
(150.0,	17.0,	0.0,	1.2);	(150.0,	15.0,	0.0,	1.2);
(150.0,	13.0,	0.0,	1.2);	(150.0,	11.0,	0.0,	1.2);
(150.0,	9.0,	0.0,	1.2);	(150.0,	-9.0,	0.0,	1.2);
(150.0,	-11.0,	0.0,	1.2);	(150.0,	-13.0,	0.0,	1.2);
(150.0,	-15.0,	0.0,	1.2);	(150.0,	-17.0,	0.0,	1.2);
(150.0,	-20.0,	0.0,	1.2);	(150.0,	-25.0,	0.0,	1.2);
(150.0,	-30.0,	0.0,	1.2);	(150.0,	-40.0,	0.0,	1.2);
(150.0,	-50.0,	0.0,	1.2);	(150.0,	-60.0,	0.0,	1.2);
(150.0,	-70.0,	0.0,	1.2);	(150.0,	-80.0,	0.0,	1.2);
(150.0,	-90.0,	0.0,	1.2);	(150.0,	-100.0,	0.0,	1.2);
(160.0,	100.0,	0.0,	1.2);	(160.0,	90.0,	0.0,	1.2);

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

(160.0,	80.0,	0.0,	1.2);	(160.0,	70.0,	0.0,	1.2);
(160.0,	60.0,	0.0,	1.2);	(160.0,	50.0,	0.0,	1.2);
(160.0,	40.0,	0.0,	1.2);	(160.0,	30.0,	0.0,	1.2);
(160.0,	25.0,	0.0,	1.2);	(160.0,	20.0,	0.0,	1.2);
(160.0,	17.0,	0.0,	1.2);	(160.0,	15.0,	0.0,	1.2);
(160.0,	13.0,	0.0,	1.2);	(160.0,	11.0,	0.0,	1.2);
(160.0,	9.0,	0.0,	1.2);	(160.0,	-9.0,	0.0,	1.2);
(160.0,	-11.0,	0.0,	1.2);	(160.0,	-13.0,	0.0,	1.2);
(160.0,	-15.0,	0.0,	1.2);	(160.0,	-17.0,	0.0,	1.2);
(160.0,	-20.0,	0.0,	1.2);	(160.0,	-25.0,	0.0,	1.2);
(160.0,	-30.0,	0.0,	1.2);	(160.0,	-40.0,	0.0,	1.2);
(160.0,	-50.0,	0.0,	1.2);	(160.0,	-60.0,	0.0,	1.2);
(160.0,	-70.0,	0.0,	1.2);	(160.0,	-80.0,	0.0,	1.2);
(160.0,	-90.0,	0.0,	1.2);	(160.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(170.0,	100.0,	0.0,	1.2);	(170.0,	90.0,	0.0,	1.2);
(170.0,	80.0,	0.0,	1.2);	(170.0,	70.0,	0.0,	1.2);
(170.0,	60.0,	0.0,	1.2);	(170.0,	50.0,	0.0,	1.2);
(170.0,	40.0,	0.0,	1.2);	(170.0,	30.0,	0.0,	1.2);
(170.0,	25.0,	0.0,	1.2);	(170.0,	20.0,	0.0,	1.2);
(170.0,	17.0,	0.0,	1.2);	(170.0,	15.0,	0.0,	1.2);
(170.0,	13.0,	0.0,	1.2);	(170.0,	11.0,	0.0,	1.2);
(170.0,	9.0,	0.0,	1.2);	(170.0,	-9.0,	0.0,	1.2);
(170.0,	-11.0,	0.0,	1.2);	(170.0,	-13.0,	0.0,	1.2);
(170.0,	-15.0,	0.0,	1.2);	(170.0,	-17.0,	0.0,	1.2);
(170.0,	-20.0,	0.0,	1.2);	(170.0,	-25.0,	0.0,	1.2);
(170.0,	-30.0,	0.0,	1.2);	(170.0,	-40.0,	0.0,	1.2);
(170.0,	-50.0,	0.0,	1.2);	(170.0,	-60.0,	0.0,	1.2);
(170.0,	-70.0,	0.0,	1.2);	(170.0,	-80.0,	0.0,	1.2);
(170.0,	-90.0,	0.0,	1.2);	(170.0,	-100.0,	0.0,	1.2);
(180.0,	100.0,	0.0,	1.2);	(180.0,	90.0,	0.0,	1.2);
(180.0,	80.0,	0.0,	1.2);	(180.0,	70.0,	0.0,	1.2);
(180.0,	60.0,	0.0,	1.2);	(180.0,	50.0,	0.0,	1.2);
(180.0,	40.0,	0.0,	1.2);	(180.0,	30.0,	0.0,	1.2);
(180.0,	25.0,	0.0,	1.2);	(180.0,	20.0,	0.0,	1.2);
(180.0,	17.0,	0.0,	1.2);	(180.0,	15.0,	0.0,	1.2);
(180.0,	13.0,	0.0,	1.2);	(180.0,	11.0,	0.0,	1.2);
(180.0,	9.0,	0.0,	1.2);	(180.0,	-9.0,	0.0,	1.2);

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

(180.0, -11.0, 0.0, 1.2);	(180.0, -13.0, 0.0, 1.2);
(180.0, -15.0, 0.0, 1.2);	(180.0, -17.0, 0.0, 1.2);
(180.0, -20.0, 0.0, 1.2);	(180.0, -25.0, 0.0, 1.2);
(180.0, -30.0, 0.0, 1.2);	(180.0, -40.0, 0.0, 1.2);
(180.0, -50.0, 0.0, 1.2);	(180.0, -60.0, 0.0, 1.2);
(180.0, -70.0, 0.0, 1.2);	(180.0, -80.0, 0.0, 1.2);
(180.0, -90.0, 0.0, 1.2);	(180.0, -100.0, 0.0, 1.2);
(190.0, 100.0, 0.0, 1.2);	(190.0, 90.0, 0.0, 1.2);
(190.0, 80.0, 0.0, 1.2);	(190.0, 70.0, 0.0, 1.2);
(190.0, 60.0, 0.0, 1.2);	(190.0, 50.0, 0.0, 1.2);
(190.0, 40.0, 0.0, 1.2);	(190.0, 30.0, 0.0, 1.2);
(190.0, 25.0, 0.0, 1.2);	(190.0, 20.0, 0.0, 1.2);
(190.0, 17.0, 0.0, 1.2);	(190.0, 15.0, 0.0, 1.2);
(190.0, 13.0, 0.0, 1.2);	(190.0, 11.0, 0.0, 1.2);
(190.0, 9.0, 0.0, 1.2);	(190.0, -9.0, 0.0, 1.2);
(190.0, -11.0, 0.0, 1.2);	(190.0, -13.0, 0.0, 1.2);
(190.0, -15.0, 0.0, 1.2);	(190.0, -17.0, 0.0, 1.2);
(190.0, -20.0, 0.0, 1.2);	(190.0, -25.0, 0.0, 1.2);
(190.0, -30.0, 0.0, 1.2);	(190.0, -40.0, 0.0, 1.2);
(190.0, -50.0, 0.0, 1.2);	(190.0, -60.0, 0.0, 1.2);
(190.0, -70.0, 0.0, 1.2);	(190.0, -80.0, 0.0, 1.2);
(190.0, -90.0, 0.0, 1.2);	(190.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(200.0, 100.0, 0.0, 1.2);	(200.0, 90.0, 0.0, 1.2);
(200.0, 80.0, 0.0, 1.2);	(200.0, 70.0, 0.0, 1.2);
(200.0, 60.0, 0.0, 1.2);	(200.0, 50.0, 0.0, 1.2);
(200.0, 40.0, 0.0, 1.2);	(200.0, 30.0, 0.0, 1.2);
(200.0, 25.0, 0.0, 1.2);	(200.0, 20.0, 0.0, 1.2);
(200.0, 17.0, 0.0, 1.2);	(200.0, 15.0, 0.0, 1.2);
(200.0, 13.0, 0.0, 1.2);	(200.0, 11.0, 0.0, 1.2);
(200.0, 9.0, 0.0, 1.2);	(200.0, -9.0, 0.0, 1.2);
(200.0, -11.0, 0.0, 1.2);	(200.0, -13.0, 0.0, 1.2);
(200.0, -15.0, 0.0, 1.2);	(200.0, -17.0, 0.0, 1.2);
(200.0, -20.0, 0.0, 1.2);	(200.0, -25.0, 0.0, 1.2);
(200.0, -30.0, 0.0, 1.2);	(200.0, -40.0, 0.0, 1.2);
(200.0, -50.0, 0.0, 1.2);	(200.0, -60.0, 0.0, 1.2);
(200.0, -70.0, 0.0, 1.2);	(200.0, -80.0, 0.0, 1.2);
(200.0, -90.0, 0.0, 1.2);	(200.0, -100.0, 0.0, 1.2);

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

(210.0,	100.0,	0.0,	1.2);	(210.0,	90.0,	0.0,	1.2);
(210.0,	80.0,	0.0,	1.2);	(210.0,	70.0,	0.0,	1.2);
(210.0,	60.0,	0.0,	1.2);	(210.0,	50.0,	0.0,	1.2);
(210.0,	40.0,	0.0,	1.2);	(210.0,	30.0,	0.0,	1.2);
(210.0,	25.0,	0.0,	1.2);	(210.0,	20.0,	0.0,	1.2);
(210.0,	17.0,	0.0,	1.2);	(210.0,	15.0,	0.0,	1.2);
(210.0,	13.0,	0.0,	1.2);	(210.0,	11.0,	0.0,	1.2);
(210.0,	9.0,	0.0,	1.2);	(210.0,	-9.0,	0.0,	1.2);
(210.0,	-11.0,	0.0,	1.2);	(210.0,	-13.0,	0.0,	1.2);
(210.0,	-15.0,	0.0,	1.2);	(210.0,	-17.0,	0.0,	1.2);
(210.0,	-20.0,	0.0,	1.2);	(210.0,	-25.0,	0.0,	1.2);
(210.0,	-30.0,	0.0,	1.2);	(210.0,	-40.0,	0.0,	1.2);
(210.0,	-50.0,	0.0,	1.2);	(210.0,	-60.0,	0.0,	1.2);
(210.0,	-70.0,	0.0,	1.2);	(210.0,	-80.0,	0.0,	1.2);
(210.0,	-90.0,	0.0,	1.2);	(210.0,	-100.0,	0.0,	1.2);
(220.0,	100.0,	0.0,	1.2);	(220.0,	90.0,	0.0,	1.2);
(220.0,	80.0,	0.0,	1.2);	(220.0,	70.0,	0.0,	1.2);
(220.0,	60.0,	0.0,	1.2);	(220.0,	50.0,	0.0,	1.2);
(220.0,	40.0,	0.0,	1.2);	(220.0,	30.0,	0.0,	1.2);
(220.0,	25.0,	0.0,	1.2);	(220.0,	20.0,	0.0,	1.2);
(220.0,	17.0,	0.0,	1.2);	(220.0,	15.0,	0.0,	1.2);
(220.0,	13.0,	0.0,	1.2);	(220.0,	11.0,	0.0,	1.2);
(220.0,	9.0,	0.0,	1.2);	(220.0,	-9.0,	0.0,	1.2);
(220.0,	-11.0,	0.0,	1.2);	(220.0,	-13.0,	0.0,	1.2);
(220.0,	-15.0,	0.0,	1.2);	(220.0,	-17.0,	0.0,	1.2);
(220.0,	-20.0,	0.0,	1.2);	(220.0,	-25.0,	0.0,	1.2);
(220.0,	-30.0,	0.0,	1.2);	(220.0,	-40.0,	0.0,	1.2);
(220.0,	-50.0,	0.0,	1.2);	(220.0,	-60.0,	0.0,	1.2);
(220.0,	-70.0,	0.0,	1.2);	(220.0,	-80.0,	0.0,	1.2);
(220.0,	-90.0,	0.0,	1.2);	(220.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(230.0,	100.0,	0.0,	1.2);	(230.0,	90.0,	0.0,	1.2);
(230.0,	80.0,	0.0,	1.2);	(230.0,	70.0,	0.0,	1.2);
(230.0,	60.0,	0.0,	1.2);	(230.0,	50.0,	0.0,	1.2);
(230.0,	40.0,	0.0,	1.2);	(230.0,	30.0,	0.0,	1.2);
(230.0,	25.0,	0.0,	1.2);	(230.0,	20.0,	0.0,	1.2);
(230.0,	17.0,	0.0,	1.2);	(230.0,	15.0,	0.0,	1.2);
(230.0,	13.0,	0.0,	1.2);	(230.0,	11.0,	0.0,	1.2);

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

(230.0,	9.0,	0.0,	1.2);	(230.0,	-9.0,	0.0,	1.2);
(230.0,	-11.0,	0.0,	1.2);	(230.0,	-13.0,	0.0,	1.2);
(230.0,	-15.0,	0.0,	1.2);	(230.0,	-17.0,	0.0,	1.2);
(230.0,	-20.0,	0.0,	1.2);	(230.0,	-25.0,	0.0,	1.2);
(230.0,	-30.0,	0.0,	1.2);	(230.0,	-40.0,	0.0,	1.2);
(230.0,	-50.0,	0.0,	1.2);	(230.0,	-60.0,	0.0,	1.2);
(230.0,	-70.0,	0.0,	1.2);	(230.0,	-80.0,	0.0,	1.2);
(230.0,	-90.0,	0.0,	1.2);	(230.0,	-100.0,	0.0,	1.2);
(240.0,	100.0,	0.0,	1.2);	(240.0,	90.0,	0.0,	1.2);
(240.0,	80.0,	0.0,	1.2);	(240.0,	70.0,	0.0,	1.2);
(240.0,	60.0,	0.0,	1.2);	(240.0,	50.0,	0.0,	1.2);
(240.0,	40.0,	0.0,	1.2);	(240.0,	30.0,	0.0,	1.2);
(240.0,	25.0,	0.0,	1.2);	(240.0,	20.0,	0.0,	1.2);
(240.0,	17.0,	0.0,	1.2);	(240.0,	15.0,	0.0,	1.2);
(240.0,	13.0,	0.0,	1.2);	(240.0,	11.0,	0.0,	1.2);
(240.0,	9.0,	0.0,	1.2);	(240.0,	-9.0,	0.0,	1.2);
(240.0,	-11.0,	0.0,	1.2);	(240.0,	-13.0,	0.0,	1.2);
(240.0,	-15.0,	0.0,	1.2);	(240.0,	-17.0,	0.0,	1.2);
(240.0,	-20.0,	0.0,	1.2);	(240.0,	-25.0,	0.0,	1.2);
(240.0,	-30.0,	0.0,	1.2);	(240.0,	-40.0,	0.0,	1.2);
(240.0,	-50.0,	0.0,	1.2);	(240.0,	-60.0,	0.0,	1.2);
(240.0,	-70.0,	0.0,	1.2);	(240.0,	-80.0,	0.0,	1.2);
(240.0,	-90.0,	0.0,	1.2);	(240.0,	-100.0,	0.0,	1.2);
(250.0,	100.0,	0.0,	1.2);	(250.0,	90.0,	0.0,	1.2);
(250.0,	80.0,	0.0,	1.2);	(250.0,	70.0,	0.0,	1.2);
(250.0,	60.0,	0.0,	1.2);	(250.0,	50.0,	0.0,	1.2);
(250.0,	40.0,	0.0,	1.2);	(250.0,	30.0,	0.0,	1.2);
(250.0,	25.0,	0.0,	1.2);	(250.0,	20.0,	0.0,	1.2);
(250.0,	17.0,	0.0,	1.2);	(250.0,	15.0,	0.0,	1.2);
(250.0,	13.0,	0.0,	1.2);	(250.0,	11.0,	0.0,	1.2);
(250.0,	9.0,	0.0,	1.2);	(250.0,	-9.0,	0.0,	1.2);
(250.0,	-11.0,	0.0,	1.2);	(250.0,	-13.0,	0.0,	1.2);
(250.0,	-15.0,	0.0,	1.2);	(250.0,	-17.0,	0.0,	1.2);
(250.0,	-20.0,	0.0,	1.2);	(250.0,	-25.0,	0.0,	1.2);
(250.0,	-30.0,	0.0,	1.2);	(250.0,	-40.0,	0.0,	1.2);
(250.0,	-50.0,	0.0,	1.2);	(250.0,	-60.0,	0.0,	1.2);
(250.0,	-70.0,	0.0,	1.2);	(250.0,	-80.0,	0.0,	1.2);
(250.0,	-90.0,	0.0,	1.2);	(250.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
 (1=YES; 0=NO)

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
97	01	01	01	1.0	3.40	288.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	02	14.0	3.58	288.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	03	18.0	3.40	288.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	04	11.0	3.80	288.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	05	28.0	3.67	288.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	06	39.0	3.93	288.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	07	47.0	3.89	288.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	08	50.0	3.31	287.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	09	45.0	3.13	287.7	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	10	17.0	3.93	287.9	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	11	29.0	3.89	288.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	12	26.0	3.93	288.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	13	15.0	2.55	288.1	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	14	13.0	2.95	288.2	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	15	35.0	3.58	288.2	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	16	32.0	3.08	288.4	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	17	23.0	2.95	288.2	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	18	16.0	2.73	287.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	19	22.0	2.68	287.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	20	17.0	2.24	287.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	21	16.0	2.24	287.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	22	16.0	2.19	287.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	23	24.0	2.28	287.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	24	11.0	2.28	287.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at East/West Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00006	-250.00	90.00	0.00006
-250.00	80.00	0.00006	-250.00	70.00	0.00006
-250.00	60.00	0.00006	-250.00	50.00	0.00007
-250.00	40.00	0.00007	-250.00	30.00	0.00007
-250.00	25.00	0.00007	-250.00	20.00	0.00007
-250.00	17.00	0.00007	-250.00	15.00	0.00007
-250.00	13.00	0.00007	-250.00	11.00	0.00008
-250.00	9.00	0.00008	-250.00	-9.00	0.00008
-250.00	-11.00	0.00008	-250.00	-13.00	0.00008
-250.00	-15.00	0.00008	-250.00	-17.00	0.00008
-250.00	-20.00	0.00008	-250.00	-25.00	0.00008
-250.00	-30.00	0.00009	-250.00	-40.00	0.00009
-250.00	-50.00	0.00009	-250.00	-60.00	0.00010
-250.00	-70.00	0.00010	-250.00	-80.00	0.00010
-250.00	-90.00	0.00010	-250.00	-100.00	0.00011
-240.00	100.00	0.00006	-240.00	90.00	0.00006
-240.00	80.00	0.00006	-240.00	70.00	0.00006

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-240.00	60.00	0.00007	-240.00	50.00	0.00007
-240.00	40.00	0.00007	-240.00	30.00	0.00007
-240.00	25.00	0.00008	-240.00	20.00	0.00008
-240.00	17.00	0.00008	-240.00	15.00	0.00008
-240.00	13.00	0.00008	-240.00	11.00	0.00008
-240.00	9.00	0.00008	-240.00	-9.00	0.00008
-240.00	-11.00	0.00008	-240.00	-13.00	0.00008
-240.00	-15.00	0.00008	-240.00	-17.00	0.00009
-240.00	-20.00	0.00009	-240.00	-25.00	0.00009
-240.00	-30.00	0.00009	-240.00	-40.00	0.00009
-240.00	-50.00	0.00010	-240.00	-60.00	0.00010
-240.00	-70.00	0.00010	-240.00	-80.00	0.00011
-240.00	-90.00	0.00011	-240.00	-100.00	0.00011
-230.00	100.00	0.00006	-230.00	90.00	0.00006
-230.00	80.00	0.00006	-230.00	70.00	0.00007
-230.00	60.00	0.00007	-230.00	50.00	0.00007
-230.00	40.00	0.00008	-230.00	30.00	0.00008
-230.00	25.00	0.00008	-230.00	20.00	0.00008
-230.00	17.00	0.00008	-230.00	15.00	0.00008
-230.00	13.00	0.00008	-230.00	11.00	0.00008
-230.00	9.00	0.00008	-230.00	-9.00	0.00009
-230.00	-11.00	0.00009	-230.00	-13.00	0.00009
-230.00	-15.00	0.00009	-230.00	-17.00	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00009	-230.00	-25.00	0.00009
-230.00	-30.00	0.00009	-230.00	-40.00	0.00010
-230.00	-50.00	0.00010	-230.00	-60.00	0.00010
-230.00	-70.00	0.00011	-230.00	-80.00	0.00011
-230.00	-90.00	0.00011	-230.00	-100.00	0.00012
-220.00	100.00	0.00006	-220.00	90.00	0.00006
-220.00	80.00	0.00007	-220.00	70.00	0.00007
-220.00	60.00	0.00007	-220.00	50.00	0.00008
-220.00	40.00	0.00008	-220.00	30.00	0.00008
-220.00	25.00	0.00008	-220.00	20.00	0.00008
-220.00	17.00	0.00008	-220.00	15.00	0.00008

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-220.00	13.00	0.00008	-220.00	11.00	0.00009
-220.00	9.00	0.00009	-220.00	-9.00	0.00009
-220.00	-11.00	0.00009	-220.00	-13.00	0.00009
-220.00	-15.00	0.00009	-220.00	-17.00	0.00009
-220.00	-20.00	0.00009	-220.00	-25.00	0.00010
-220.00	-30.00	0.00010	-220.00	-40.00	0.00010
-220.00	-50.00	0.00011	-220.00	-60.00	0.00011
-220.00	-70.00	0.00011	-220.00	-80.00	0.00012
-220.00	-90.00	0.00012	-220.00	-100.00	0.00012
-210.00	100.00	0.00006	-210.00	90.00	0.00007
-210.00	80.00	0.00007	-210.00	70.00	0.00007
-210.00	60.00	0.00008	-210.00	50.00	0.00008
-210.00	40.00	0.00008	-210.00	30.00	0.00008
-210.00	25.00	0.00009	-210.00	20.00	0.00009
-210.00	17.00	0.00009	-210.00	15.00	0.00009
-210.00	13.00	0.00009	-210.00	11.00	0.00009
-210.00	9.00	0.00009	-210.00	-9.00	0.00010
-210.00	-11.00	0.00010	-210.00	-13.00	0.00010
-210.00	-15.00	0.00010	-210.00	-17.00	0.00010
-210.00	-20.00	0.00010	-210.00	-25.00	0.00010
-210.00	-30.00	0.00010	-210.00	-40.00	0.00011
-210.00	-50.00	0.00011	-210.00	-60.00	0.00012
-210.00	-70.00	0.00012	-210.00	-80.00	0.00012
-210.00	-90.00	0.00013	-210.00	-100.00	0.00013
-200.00	100.00	0.00007	-200.00	90.00	0.00007
-200.00	80.00	0.00007	-200.00	70.00	0.00008
-200.00	60.00	0.00008	-200.00	50.00	0.00008
-200.00	40.00	0.00009	-200.00	30.00	0.00009
-200.00	25.00	0.00009	-200.00	20.00	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00009	-200.00	15.00	0.00009
-200.00	13.00	0.00009	-200.00	11.00	0.00009
-200.00	9.00	0.00009	-200.00	-9.00	0.00010
-200.00	-11.00	0.00010	-200.00	-13.00	0.00010
-200.00	-15.00	0.00010	-200.00	-17.00	0.00010

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-200.00	-20.00	0.00010	-200.00	-25.00	0.00011
-200.00	-30.00	0.00011	-200.00	-40.00	0.00011
-200.00	-50.00	0.00012	-200.00	-60.00	0.00012
-200.00	-70.00	0.00013	-200.00	-80.00	0.00013
-200.00	-90.00	0.00013	-200.00	-100.00	0.00014
-190.00	100.00	0.00007	-190.00	90.00	0.00007
-190.00	80.00	0.00008	-190.00	70.00	0.00008
-190.00	60.00	0.00008	-190.00	50.00	0.00009
-190.00	40.00	0.00009	-190.00	30.00	0.00009
-190.00	25.00	0.00009	-190.00	20.00	0.00010
-190.00	17.00	0.00010	-190.00	15.00	0.00010
-190.00	13.00	0.00010	-190.00	11.00	0.00010
-190.00	9.00	0.00010	-190.00	-9.00	0.00011
-190.00	-11.00	0.00011	-190.00	-13.00	0.00011
-190.00	-15.00	0.00011	-190.00	-17.00	0.00011
-190.00	-20.00	0.00011	-190.00	-25.00	0.00011
-190.00	-30.00	0.00011	-190.00	-40.00	0.00012
-190.00	-50.00	0.00012	-190.00	-60.00	0.00013
-190.00	-70.00	0.00013	-190.00	-80.00	0.00014
-190.00	-90.00	0.00014	-190.00	-100.00	0.00014
-180.00	100.00	0.00007	-180.00	90.00	0.00007
-180.00	80.00	0.00008	-180.00	70.00	0.00008
-180.00	60.00	0.00009	-180.00	50.00	0.00009
-180.00	40.00	0.00009	-180.00	30.00	0.00010
-180.00	25.00	0.00010	-180.00	20.00	0.00010
-180.00	17.00	0.00010	-180.00	15.00	0.00010
-180.00	13.00	0.00010	-180.00	11.00	0.00010
-180.00	9.00	0.00010	-180.00	-9.00	0.00011
-180.00	-11.00	0.00011	-180.00	-13.00	0.00011
-180.00	-15.00	0.00011	-180.00	-17.00	0.00011
-180.00	-20.00	0.00012	-180.00	-25.00	0.00012
-180.00	-30.00	0.00012	-180.00	-40.00	0.00013
-180.00	-50.00	0.00013	-180.00	-60.00	0.00014
-180.00	-70.00	0.00014	-180.00	-80.00	0.00015
-180.00	-90.00	0.00015	-180.00	-100.00	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 17:21:52
 **MODELOPTs:
 PAGE 26
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00007	-170.00	90.00	0.00008
-170.00	80.00	0.00008	-170.00	70.00	0.00009
-170.00	60.00	0.00009	-170.00	50.00	0.00009
-170.00	40.00	0.00010	-170.00	30.00	0.00010
-170.00	25.00	0.00010	-170.00	20.00	0.00011
-170.00	17.00	0.00011	-170.00	15.00	0.00011
-170.00	13.00	0.00011	-170.00	11.00	0.00011
-170.00	9.00	0.00011	-170.00	-9.00	0.00012
-170.00	-11.00	0.00012	-170.00	-13.00	0.00012
-170.00	-15.00	0.00012	-170.00	-17.00	0.00012
-170.00	-20.00	0.00012	-170.00	-25.00	0.00012
-170.00	-30.00	0.00013	-170.00	-40.00	0.00013
-170.00	-50.00	0.00014	-170.00	-60.00	0.00014
-170.00	-70.00	0.00015	-170.00	-80.00	0.00015
-170.00	-90.00	0.00016	-170.00	-100.00	0.00016
-160.00	100.00	0.00008	-160.00	90.00	0.00008
-160.00	80.00	0.00008	-160.00	70.00	0.00009
-160.00	60.00	0.00009	-160.00	50.00	0.00010
-160.00	40.00	0.00010	-160.00	30.00	0.00011
-160.00	25.00	0.00011	-160.00	20.00	0.00011
-160.00	17.00	0.00011	-160.00	15.00	0.00011
-160.00	13.00	0.00011	-160.00	11.00	0.00011
-160.00	9.00	0.00012	-160.00	-9.00	0.00012
-160.00	-11.00	0.00012	-160.00	-13.00	0.00013
-160.00	-15.00	0.00013	-160.00	-17.00	0.00013
-160.00	-20.00	0.00013	-160.00	-25.00	0.00013
-160.00	-30.00	0.00013	-160.00	-40.00	0.00014
-160.00	-50.00	0.00015	-160.00	-60.00	0.00015
-160.00	-70.00	0.00016	-160.00	-80.00	0.00016
-160.00	-90.00	0.00017	-160.00	-100.00	0.00017
-150.00	100.00	0.00008	-150.00	90.00	0.00008
-150.00	80.00	0.00009	-150.00	70.00	0.00009
-150.00	60.00	0.00010	-150.00	50.00	0.00010
-150.00	40.00	0.00011	-150.00	30.00	0.00011
-150.00	25.00	0.00011	-150.00	20.00	0.00012
-150.00	17.00	0.00012	-150.00	15.00	0.00012
-150.00	13.00	0.00012	-150.00	11.00	0.00012
-150.00	9.00	0.00012	-150.00	-9.00	0.00013
-150.00	-11.00	0.00013	-150.00	-13.00	0.00013
-150.00	-15.00	0.00013	-150.00	-17.00	0.00013

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00014	-150.00	-25.00	0.00014
-150.00	-30.00	0.00014	-150.00	-40.00	0.00015
-150.00	-50.00	0.00016	-150.00	-60.00	0.00016
-150.00	-70.00	0.00017	-150.00	-80.00	0.00017
-150.00	-90.00	0.00018	-150.00	-100.00	0.00018
-140.00	100.00	0.00008	-140.00	90.00	0.00009
-140.00	80.00	0.00009	-140.00	70.00	0.00010
-140.00	60.00	0.00010	-140.00	50.00	0.00011
-140.00	40.00	0.00011	-140.00	30.00	0.00012
-140.00	25.00	0.00012	-140.00	20.00	0.00012
-140.00	17.00	0.00012	-140.00	15.00	0.00013
-140.00	13.00	0.00013	-140.00	11.00	0.00013
-140.00	9.00	0.00013	-140.00	-9.00	0.00014
-140.00	-11.00	0.00014	-140.00	-13.00	0.00014
-140.00	-15.00	0.00014	-140.00	-17.00	0.00014
-140.00	-20.00	0.00014	-140.00	-25.00	0.00015
-140.00	-30.00	0.00015	-140.00	-40.00	0.00016
-140.00	-50.00	0.00017	-140.00	-60.00	0.00017
-140.00	-70.00	0.00018	-140.00	-80.00	0.00018
-140.00	-90.00	0.00019	-140.00	-100.00	0.00019
-130.00	100.00	0.00008	-130.00	90.00	0.00009
-130.00	80.00	0.00010	-130.00	70.00	0.00010
-130.00	60.00	0.00011	-130.00	50.00	0.00011
-130.00	40.00	0.00012	-130.00	30.00	0.00012
-130.00	25.00	0.00013	-130.00	20.00	0.00013
-130.00	17.00	0.00013	-130.00	15.00	0.00013
-130.00	13.00	0.00013	-130.00	11.00	0.00013
-130.00	9.00	0.00014	-130.00	-9.00	0.00015
-130.00	-11.00	0.00015	-130.00	-13.00	0.00015
-130.00	-15.00	0.00015	-130.00	-17.00	0.00015
-130.00	-20.00	0.00015	-130.00	-25.00	0.00016
-130.00	-30.00	0.00016	-130.00	-40.00	0.00017
-130.00	-50.00	0.00018	-130.00	-60.00	0.00019
-130.00	-70.00	0.00019	-130.00	-80.00	0.00020
-130.00	-90.00	0.00020	-130.00	-100.00	0.00020
-120.00	100.00	0.00009	-120.00	90.00	0.00009
-120.00	80.00	0.00010	-120.00	70.00	0.00011

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-120.00	60.00	0.00011	-120.00	50.00	0.00012
-120.00	40.00	0.00013	-120.00	30.00	0.00013
-120.00	25.00	0.00014	-120.00	20.00	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

PAGE 28

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00014	-120.00	15.00	0.00014
-120.00	13.00	0.00014	-120.00	11.00	0.00014
-120.00	9.00	0.00014	-120.00	-9.00	0.00016
-120.00	-11.00	0.00016	-120.00	-13.00	0.00016
-120.00	-15.00	0.00016	-120.00	-17.00	0.00016
-120.00	-20.00	0.00016	-120.00	-25.00	0.00017
-120.00	-30.00	0.00017	-120.00	-40.00	0.00018
-120.00	-50.00	0.00019	-120.00	-60.00	0.00020
-120.00	-70.00	0.00021	-120.00	-80.00	0.00021
-120.00	-90.00	0.00021	-120.00	-100.00	0.00021
-110.00	100.00	0.00009	-110.00	90.00	0.00010
-110.00	80.00	0.00011	-110.00	70.00	0.00011
-110.00	60.00	0.00012	-110.00	50.00	0.00013
-110.00	40.00	0.00013	-110.00	30.00	0.00014
-110.00	25.00	0.00014	-110.00	20.00	0.00015
-110.00	17.00	0.00015	-110.00	15.00	0.00015
-110.00	13.00	0.00015	-110.00	11.00	0.00015
-110.00	9.00	0.00015	-110.00	-9.00	0.00017
-110.00	-11.00	0.00017	-110.00	-13.00	0.00017
-110.00	-15.00	0.00017	-110.00	-17.00	0.00017
-110.00	-20.00	0.00018	-110.00	-25.00	0.00018
-110.00	-30.00	0.00019	-110.00	-40.00	0.00020
-110.00	-50.00	0.00021	-110.00	-60.00	0.00021
-110.00	-70.00	0.00022	-110.00	-80.00	0.00022
-110.00	-90.00	0.00023	-110.00	-100.00	0.00023
-100.00	100.00	0.00009	-100.00	90.00	0.00010
-100.00	80.00	0.00011	-100.00	70.00	0.00012
-100.00	60.00	0.00013	-100.00	50.00	0.00013
-100.00	40.00	0.00014	-100.00	30.00	0.00015
-100.00	25.00	0.00015	-100.00	20.00	0.00016
-100.00	17.00	0.00016	-100.00	15.00	0.00016

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-100.00	13.00	0.00016	-100.00	11.00	0.00016
-100.00	9.00	0.00016	-100.00	-9.00	0.00018
-100.00	-11.00	0.00018	-100.00	-13.00	0.00018
-100.00	-15.00	0.00018	-100.00	-17.00	0.00018
-100.00	-20.00	0.00019	-100.00	-25.00	0.00019
-100.00	-30.00	0.00020	-100.00	-40.00	0.00021
-100.00	-50.00	0.00022	-100.00	-60.00	0.00023
-100.00	-70.00	0.00024	-100.00	-80.00	0.00024
-100.00	-90.00	0.00024	-100.00	-100.00	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00010	-90.00	90.00	0.00011
-90.00	80.00	0.00012	-90.00	70.00	0.00012
-90.00	60.00	0.00013	-90.00	50.00	0.00014
-90.00	40.00	0.00015	-90.00	30.00	0.00016
-90.00	25.00	0.00016	-90.00	20.00	0.00017
-90.00	17.00	0.00017	-90.00	15.00	0.00017
-90.00	13.00	0.00017	-90.00	11.00	0.00017
-90.00	9.00	0.00017	-90.00	-9.00	0.00019
-90.00	-11.00	0.00019	-90.00	-13.00	0.00019
-90.00	-15.00	0.00020	-90.00	-17.00	0.00020
-90.00	-20.00	0.00020	-90.00	-25.00	0.00021
-90.00	-30.00	0.00021	-90.00	-40.00	0.00023
-90.00	-50.00	0.00024	-90.00	-60.00	0.00025
-90.00	-70.00	0.00025	-90.00	-80.00	0.00026
-90.00	-90.00	0.00026	-90.00	-100.00	0.00026
-80.00	100.00	0.00010	-80.00	90.00	0.00011
-80.00	80.00	0.00012	-80.00	70.00	0.00013
-80.00	60.00	0.00014	-80.00	50.00	0.00015
-80.00	40.00	0.00016	-80.00	30.00	0.00017
-80.00	25.00	0.00017	-80.00	20.00	0.00018
-80.00	17.00	0.00018	-80.00	15.00	0.00018
-80.00	13.00	0.00018	-80.00	11.00	0.00019
-80.00	9.00	0.00019	-80.00	-9.00	0.00020
-80.00	-11.00	0.00021	-80.00	-13.00	0.00021
-80.00	-15.00	0.00021	-80.00	-17.00	0.00021

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-80.00	-20.00	0.00022	-80.00	-25.00	0.00022
-80.00	-30.00	0.00023	-80.00	-40.00	0.00024
-80.00	-50.00	0.00026	-80.00	-60.00	0.00027
-80.00	-70.00	0.00027	-80.00	-80.00	0.00028
-80.00	-90.00	0.00028	-80.00	-100.00	0.00028
-70.00	100.00	0.00011	-70.00	90.00	0.00012
-70.00	80.00	0.00013	-70.00	70.00	0.00014
-70.00	60.00	0.00015	-70.00	50.00	0.00016
-70.00	40.00	0.00017	-70.00	30.00	0.00018
-70.00	25.00	0.00018	-70.00	20.00	0.00019
-70.00	17.00	0.00019	-70.00	15.00	0.00019
-70.00	13.00	0.00020	-70.00	11.00	0.00020
-70.00	9.00	0.00020	-70.00	-9.00	0.00022
-70.00	-11.00	0.00022	-70.00	-13.00	0.00023
-70.00	-15.00	0.00023	-70.00	-17.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00023	-70.00	-25.00	0.00024
-70.00	-30.00	0.00025	-70.00	-40.00	0.00027
-70.00	-50.00	0.00028	-70.00	-60.00	0.00029
-70.00	-70.00	0.00030	-70.00	-80.00	0.00030
-70.00	-90.00	0.00030	-70.00	-100.00	0.00030
-60.00	100.00	0.00011	-60.00	90.00	0.00012
-60.00	80.00	0.00013	-60.00	70.00	0.00014
-60.00	60.00	0.00016	-60.00	50.00	0.00017
-60.00	40.00	0.00018	-60.00	30.00	0.00019
-60.00	25.00	0.00020	-60.00	20.00	0.00020
-60.00	17.00	0.00021	-60.00	15.00	0.00021
-60.00	13.00	0.00021	-60.00	11.00	0.00021
-60.00	9.00	0.00022	-60.00	-9.00	0.00024
-60.00	-11.00	0.00024	-60.00	-13.00	0.00024
-60.00	-15.00	0.00025	-60.00	-17.00	0.00025
-60.00	-20.00	0.00025	-60.00	-25.00	0.00026
-60.00	-30.00	0.00027	-60.00	-40.00	0.00029
-60.00	-50.00	0.00030	-60.00	-60.00	0.00031
-60.00	-70.00	0.00032	-60.00	-80.00	0.00032

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-60.00	-90.00	0.00032	-60.00	-100.00	0.00032
-50.00	100.00	0.00012	-50.00	90.00	0.00013
-50.00	80.00	0.00014	-50.00	70.00	0.00015
-50.00	60.00	0.00016	-50.00	50.00	0.00018
-50.00	40.00	0.00019	-50.00	30.00	0.00021
-50.00	25.00	0.00021	-50.00	20.00	0.00022
-50.00	17.00	0.00022	-50.00	15.00	0.00023
-50.00	13.00	0.00023	-50.00	11.00	0.00023
-50.00	9.00	0.00023	-50.00	-9.00	0.00026
-50.00	-11.00	0.00026	-50.00	-13.00	0.00026
-50.00	-15.00	0.00027	-50.00	-17.00	0.00027
-50.00	-20.00	0.00028	-50.00	-25.00	0.00029
-50.00	-30.00	0.00030	-50.00	-40.00	0.00032
-50.00	-50.00	0.00033	-50.00	-60.00	0.00034
-50.00	-70.00	0.00035	-50.00	-80.00	0.00035
-50.00	-90.00	0.00035	-50.00	-100.00	0.00035
-40.00	100.00	0.00012	-40.00	90.00	0.00013
-40.00	80.00	0.00014	-40.00	70.00	0.00016
-40.00	60.00	0.00017	-40.00	50.00	0.00019
-40.00	40.00	0.00021	-40.00	30.00	0.00022
-40.00	25.00	0.00023	-40.00	20.00	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 31
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00024	-40.00	15.00	0.00024
-40.00	13.00	0.00025	-40.00	11.00	0.00025
-40.00	9.00	0.00025	-40.00	-9.00	0.00028
-40.00	-11.00	0.00028	-40.00	-13.00	0.00029
-40.00	-15.00	0.00029	-40.00	-17.00	0.00030
-40.00	-20.00	0.00030	-40.00	-25.00	0.00031
-40.00	-30.00	0.00033	-40.00	-40.00	0.00035
-40.00	-50.00	0.00036	-40.00	-60.00	0.00037
-40.00	-70.00	0.00038	-40.00	-80.00	0.00038
-40.00	-90.00	0.00038	-40.00	-100.00	0.00038
-30.00	100.00	0.00013	-30.00	90.00	0.00014
-30.00	80.00	0.00015	-30.00	70.00	0.00017
-30.00	60.00	0.00019	-30.00	50.00	0.00020

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-30.00	40.00	0.00022	-30.00	30.00	0.00024
-30.00	25.00	0.00025	-30.00	20.00	0.00026
-30.00	17.00	0.00026	-30.00	15.00	0.00026
-30.00	13.00	0.00027	-30.00	11.00	0.00027
-30.00	9.00	0.00027	-30.00	-9.00	0.00031
-30.00	-11.00	0.00031	-30.00	-13.00	0.00032
-30.00	-15.00	0.00032	-30.00	-17.00	0.00033
-30.00	-20.00	0.00033	-30.00	-25.00	0.00035
-30.00	-30.00	0.00036	-30.00	-40.00	0.00038
-30.00	-50.00	0.00040	-30.00	-60.00	0.00041
-30.00	-70.00	0.00041	-30.00	-80.00	0.00041
-30.00	-90.00	0.00041	-30.00	-100.00	0.00041
-20.00	100.00	0.00013	-20.00	90.00	0.00014
-20.00	80.00	0.00016	-20.00	70.00	0.00018
-20.00	60.00	0.00020	-20.00	50.00	0.00022
-20.00	40.00	0.00024	-20.00	30.00	0.00026
-20.00	25.00	0.00027	-20.00	20.00	0.00028
-20.00	17.00	0.00028	-20.00	15.00	0.00029
-20.00	13.00	0.00029	-20.00	11.00	0.00030
-20.00	9.00	0.00030	-20.00	-9.00	0.00034
-20.00	-11.00	0.00034	-20.00	-13.00	0.00035
-20.00	-15.00	0.00035	-20.00	-17.00	0.00036
-20.00	-20.00	0.00037	-20.00	-25.00	0.00038
-20.00	-30.00	0.00040	-20.00	-40.00	0.00042
-20.00	-50.00	0.00044	-20.00	-60.00	0.00045
-20.00	-70.00	0.00045	-20.00	-80.00	0.00045
-20.00	-90.00	0.00045	-20.00	-100.00	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 32

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00014	-10.00	90.00	0.00015
-10.00	80.00	0.00017	-10.00	70.00	0.00019
-10.00	60.00	0.00021	-10.00	50.00	0.00023
-10.00	40.00	0.00026	-10.00	30.00	0.00028
-10.00	25.00	0.00029	-10.00	20.00	0.00030
-10.00	17.00	0.00031	-10.00	15.00	0.00031
-10.00	13.00	0.00032	-10.00	11.00	0.00032

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-10.00	9.00	0.00033	-10.00	-9.00	0.00037
-10.00	-11.00	0.00038	-10.00	-13.00	0.00039
-10.00	-15.00	0.00039	-10.00	-17.00	0.00040
-10.00	-20.00	0.00041	-10.00	-25.00	0.00043
-10.00	-30.00	0.00044	-10.00	-40.00	0.00047
-10.00	-50.00	0.00049	-10.00	-60.00	0.00050
-10.00	-70.00	0.00050	-10.00	-80.00	0.00049
-10.00	-90.00	0.00049	-10.00	-100.00	0.00048
0.00	100.00	0.00015	0.00	90.00	0.00016
0.00	80.00	0.00018	0.00	70.00	0.00020
0.00	60.00	0.00022	0.00	50.00	0.00025
0.00	40.00	0.00028	0.00	30.00	0.00030
0.00	25.00	0.00032	0.00	20.00	0.00033
0.00	17.00	0.00034	0.00	15.00	0.00035
0.00	13.00	0.00035	0.00	11.00	0.00036
0.00	9.00	0.00036	0.00	-9.00	0.00041
0.00	-11.00	0.00042	0.00	-13.00	0.00043
0.00	-15.00	0.00044	0.00	-17.00	0.00044
0.00	-20.00	0.00046	0.00	-25.00	0.00048
0.00	-30.00	0.00049	0.00	-40.00	0.00052
0.00	-50.00	0.00054	0.00	-60.00	0.00055
0.00	-70.00	0.00055	0.00	-80.00	0.00054
0.00	-90.00	0.00053	0.00	-100.00	0.00052
10.00	100.00	0.00016	10.00	90.00	0.00017
10.00	80.00	0.00019	10.00	70.00	0.00021
10.00	60.00	0.00024	10.00	50.00	0.00027
10.00	40.00	0.00030	10.00	30.00	0.00033
10.00	25.00	0.00035	10.00	20.00	0.00037
10.00	17.00	0.00038	10.00	15.00	0.00038
10.00	13.00	0.00039	10.00	11.00	0.00039
10.00	9.00	0.00040	10.00	-9.00	0.00046
10.00	-11.00	0.00047	10.00	-13.00	0.00048
10.00	-15.00	0.00049	10.00	-17.00	0.00050

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 33
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00051	10.00	-25.00	0.00054

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

10.00	-30.00	0.00056	10.00	-40.00	0.00059
10.00	-50.00	0.00061	10.00	-60.00	0.00061
10.00	-70.00	0.00061	10.00	-80.00	0.00060
10.00	-90.00	0.00059	10.00	-100.00	0.00057
20.00	100.00	0.00017	20.00	90.00	0.00018
20.00	80.00	0.00020	20.00	70.00	0.00022
20.00	60.00	0.00025	20.00	50.00	0.00029
20.00	40.00	0.00032	20.00	30.00	0.00036
20.00	25.00	0.00038	20.00	20.00	0.00040
20.00	17.00	0.00041	20.00	15.00	0.00042
20.00	13.00	0.00043	20.00	11.00	0.00044
20.00	9.00	0.00044	20.00	-9.00	0.00052
20.00	-11.00	0.00053	20.00	-13.00	0.00054
20.00	-15.00	0.00055	20.00	-17.00	0.00056
20.00	-20.00	0.00058	20.00	-25.00	0.00061
20.00	-30.00	0.00063	20.00	-40.00	0.00067
20.00	-50.00	0.00068	20.00	-60.00	0.00068
20.00	-70.00	0.00068	20.00	-80.00	0.00066
20.00	-90.00	0.00065	20.00	-100.00	0.00063
30.00	100.00	0.00019	30.00	90.00	0.00020
30.00	80.00	0.00022	30.00	70.00	0.00024
30.00	60.00	0.00027	30.00	50.00	0.00031
30.00	40.00	0.00035	30.00	30.00	0.00040
30.00	25.00	0.00042	30.00	20.00	0.00045
30.00	17.00	0.00046	30.00	15.00	0.00047
30.00	13.00	0.00048	30.00	11.00	0.00049
30.00	9.00	0.00050	30.00	-9.00	0.00059
30.00	-11.00	0.00060	30.00	-13.00	0.00062
30.00	-15.00	0.00063	30.00	-17.00	0.00064
30.00	-20.00	0.00066	30.00	-25.00	0.00070
30.00	-30.00	0.00072	30.00	-40.00	0.00076
30.00	-50.00	0.00077	30.00	-60.00	0.00077
30.00	-70.00	0.00075	30.00	-80.00	0.00074
30.00	-90.00	0.00071	30.00	-100.00	0.00069
40.00	100.00	0.00021	40.00	90.00	0.00022
40.00	80.00	0.00023	40.00	70.00	0.00026
40.00	60.00	0.00029	40.00	50.00	0.00033
40.00	40.00	0.00038	40.00	30.00	0.00044
40.00	25.00	0.00047	40.00	20.00	0.00050

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

PAGE 34

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00052	40.00	15.00	0.00053
40.00	13.00	0.00054	40.00	11.00	0.00055
40.00	9.00	0.00056	40.00	-9.00	0.00068
40.00	-11.00	0.00069	40.00	-13.00	0.00071
40.00	-15.00	0.00072	40.00	-17.00	0.00074
40.00	-20.00	0.00077	40.00	-25.00	0.00080
40.00	-30.00	0.00083	40.00	-40.00	0.00086
40.00	-50.00	0.00087	40.00	-60.00	0.00086
40.00	-70.00	0.00085	40.00	-80.00	0.00082
40.00	-90.00	0.00079	40.00	-100.00	0.00075
50.00	100.00	0.00023	50.00	90.00	0.00024
50.00	80.00	0.00026	50.00	70.00	0.00028
50.00	60.00	0.00031	50.00	50.00	0.00035
50.00	40.00	0.00041	50.00	30.00	0.00048
50.00	25.00	0.00052	50.00	20.00	0.00056
50.00	17.00	0.00058	50.00	15.00	0.00059
50.00	13.00	0.00061	50.00	11.00	0.00062
50.00	9.00	0.00064	50.00	-9.00	0.00078
50.00	-11.00	0.00080	50.00	-13.00	0.00082
50.00	-15.00	0.00084	50.00	-17.00	0.00086
50.00	-20.00	0.00089	50.00	-25.00	0.00093
50.00	-30.00	0.00096	50.00	-40.00	0.00099
50.00	-50.00	0.00100	50.00	-60.00	0.00098
50.00	-70.00	0.00095	50.00	-80.00	0.00092
50.00	-90.00	0.00087	50.00	-100.00	0.00083
60.00	100.00	0.00026	60.00	90.00	0.00027
60.00	80.00	0.00029	60.00	70.00	0.00031
60.00	60.00	0.00034	60.00	50.00	0.00038
60.00	40.00	0.00045	60.00	30.00	0.00053
60.00	25.00	0.00058	60.00	20.00	0.00063
60.00	17.00	0.00065	60.00	15.00	0.00067
60.00	13.00	0.00069	60.00	11.00	0.00071
60.00	9.00	0.00073	60.00	-9.00	0.00091
60.00	-11.00	0.00094	60.00	-13.00	0.00096
60.00	-15.00	0.00099	60.00	-17.00	0.00101
60.00	-20.00	0.00105	60.00	-25.00	0.00109
60.00	-30.00	0.00113	60.00	-40.00	0.00115
60.00	-50.00	0.00114	60.00	-60.00	0.00112
60.00	-70.00	0.00108	60.00	-80.00	0.00102

60.00 -90.00 0.00096 60.00 -100.00 0.00090

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
 PAGE 35

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00030	70.00	90.00	0.00032
70.00	80.00	0.00033	70.00	70.00	0.00035
70.00	60.00	0.00038	70.00	50.00	0.00042
70.00	40.00	0.00049	70.00	30.00	0.00059
70.00	25.00	0.00064	70.00	20.00	0.00070
70.00	17.00	0.00074	70.00	15.00	0.00076
70.00	13.00	0.00079	70.00	11.00	0.00081
70.00	9.00	0.00084	70.00	-9.00	0.00108
70.00	-11.00	0.00111	70.00	-13.00	0.00115
70.00	-15.00	0.00118	70.00	-17.00	0.00121
70.00	-20.00	0.00125	70.00	-25.00	0.00130
70.00	-30.00	0.00133	70.00	-40.00	0.00134
70.00	-50.00	0.00132	70.00	-60.00	0.00128
70.00	-70.00	0.00121	70.00	-80.00	0.00114
70.00	-90.00	0.00105	70.00	-100.00	0.00097
80.00	100.00	0.00036	80.00	90.00	0.00037
80.00	80.00	0.00038	80.00	70.00	0.00040
80.00	60.00	0.00043	80.00	50.00	0.00047
80.00	40.00	0.00054	80.00	30.00	0.00065
80.00	25.00	0.00072	80.00	20.00	0.00079
80.00	17.00	0.00084	80.00	15.00	0.00087
80.00	13.00	0.00090	80.00	11.00	0.00093
80.00	9.00	0.00097	80.00	-9.00	0.00129
80.00	-11.00	0.00134	80.00	-13.00	0.00138
80.00	-15.00	0.00142	80.00	-17.00	0.00146
80.00	-20.00	0.00150	80.00	-25.00	0.00155
80.00	-30.00	0.00158	80.00	-40.00	0.00158
80.00	-50.00	0.00153	80.00	-60.00	0.00146
80.00	-70.00	0.00136	80.00	-80.00	0.00125
80.00	-90.00	0.00114	80.00	-100.00	0.00104
90.00	100.00	0.00043	90.00	90.00	0.00044
90.00	80.00	0.00046	90.00	70.00	0.00047
90.00	60.00	0.00050	90.00	50.00	0.00054

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

90.00	40.00	0.00060	90.00	30.00	0.00071
90.00	25.00	0.00079	90.00	20.00	0.00089
90.00	17.00	0.00095	90.00	15.00	0.00099
90.00	13.00	0.00104	90.00	11.00	0.00108
90.00	9.00	0.00112	90.00	-9.00	0.00158
90.00	-11.00	0.00164	90.00	-13.00	0.00169
90.00	-15.00	0.00174	90.00	-17.00	0.00178

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
PAGE 36

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00182	90.00	-25.00	0.00187
90.00	-30.00	0.00189	90.00	-40.00	0.00186
90.00	-50.00	0.00178	90.00	-60.00	0.00166
90.00	-70.00	0.00151	90.00	-80.00	0.00137
90.00	-90.00	0.00123	90.00	-100.00	0.00111
100.00	100.00	0.00053	100.00	90.00	0.00055
100.00	80.00	0.00057	100.00	70.00	0.00059
100.00	60.00	0.00061	100.00	50.00	0.00064
100.00	40.00	0.00069	100.00	30.00	0.00080
100.00	25.00	0.00088	100.00	20.00	0.00099
100.00	17.00	0.00107	100.00	15.00	0.00113
100.00	13.00	0.00119	100.00	11.00	0.00125
100.00	9.00	0.00131	100.00	-9.00	0.00195
100.00	-11.00	0.00203	100.00	-13.00	0.00209
100.00	-15.00	0.00215	100.00	-17.00	0.00219
100.00	-20.00	0.00224	100.00	-25.00	0.00227
100.00	-30.00	0.00228	100.00	-40.00	0.00220
100.00	-50.00	0.00204	100.00	-60.00	0.00185
100.00	-70.00	0.00166	100.00	-80.00	0.00149
100.00	-90.00	0.00133	100.00	-100.00	0.00118
110.00	100.00	0.00067	110.00	90.00	0.00070
110.00	80.00	0.00073	110.00	70.00	0.00076
110.00	60.00	0.00078	110.00	50.00	0.00081
110.00	40.00	0.00085	110.00	30.00	0.00093
110.00	25.00	0.00101	110.00	20.00	0.00111
110.00	17.00	0.00120	110.00	15.00	0.00127
110.00	13.00	0.00134	110.00	11.00	0.00142

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

110.00	9.00	0.00151	110.00	-9.00	0.00246
110.00	-11.00	0.00255	110.00	-13.00	0.00263
110.00	-15.00	0.00268	110.00	-17.00	0.00272
110.00	-20.00	0.00276	110.00	-25.00	0.00278
110.00	-30.00	0.00274	110.00	-40.00	0.00255
110.00	-50.00	0.00231	110.00	-60.00	0.00206
110.00	-70.00	0.00182	110.00	-80.00	0.00161
110.00	-90.00	0.00142	110.00	-100.00	0.00125
120.00	100.00	0.00085	120.00	90.00	0.00091
120.00	80.00	0.00097	120.00	70.00	0.00103
120.00	60.00	0.00109	120.00	50.00	0.00113
120.00	40.00	0.00117	120.00	30.00	0.00121
120.00	25.00	0.00125	120.00	20.00	0.00131

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00138	120.00	15.00	0.00145
120.00	13.00	0.00153	120.00	11.00	0.00162
120.00	9.00	0.00173	120.00	-9.00	0.00318
120.00	-11.00	0.00327	120.00	-13.00	0.00334
120.00	-15.00	0.00338	120.00	-17.00	0.00340
120.00	-20.00	0.00340	120.00	-25.00	0.00334
120.00	-30.00	0.00322	120.00	-40.00	0.00292
120.00	-50.00	0.00259	120.00	-60.00	0.00227
120.00	-70.00	0.00198	120.00	-80.00	0.00172
120.00	-90.00	0.00150	120.00	-100.00	0.00131
130.00	100.00	0.00107	130.00	90.00	0.00117
130.00	80.00	0.00128	130.00	70.00	0.00141
130.00	60.00	0.00154	130.00	50.00	0.00168
130.00	40.00	0.00182	130.00	30.00	0.00194
130.00	25.00	0.00198	130.00	20.00	0.00201
130.00	17.00	0.00202	130.00	15.00	0.00203
130.00	13.00	0.00204	130.00	11.00	0.00208
130.00	9.00	0.00215	130.00	-9.00	0.00426
130.00	-11.00	0.00427	130.00	-13.00	0.00425
130.00	-15.00	0.00422	130.00	-17.00	0.00418
130.00	-20.00	0.00410	130.00	-25.00	0.00392

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

130.00	-30.00	0.00372	130.00	-40.00	0.00329
130.00	-50.00	0.00285	130.00	-60.00	0.00245
130.00	-70.00	0.00211	130.00	-80.00	0.00181
130.00	-90.00	0.00156	130.00	-100.00	0.00135
140.00	100.00	0.00128	140.00	90.00	0.00142
140.00	80.00	0.00159	140.00	70.00	0.00180
140.00	60.00	0.00203	140.00	50.00	0.00231
140.00	40.00	0.00264	140.00	30.00	0.00303
140.00	25.00	0.00325	140.00	20.00	0.00351
140.00	17.00	0.00367	140.00	15.00	0.00379
140.00	13.00	0.00393	140.00	11.00	0.00409
140.00	9.00	0.00431	140.00	-9.00	0.00533
140.00	-11.00	0.00519	140.00	-13.00	0.00506
140.00	-15.00	0.00494	140.00	-17.00	0.00483
140.00	-20.00	0.00466	140.00	-25.00	0.00438
140.00	-30.00	0.00410	140.00	-40.00	0.00354
140.00	-50.00	0.00302	140.00	-60.00	0.00257
140.00	-70.00	0.00218	140.00	-80.00	0.00185
140.00	-90.00	0.00158	140.00	-100.00	0.00136

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 38

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00146	150.00	90.00	0.00164
150.00	80.00	0.00186	150.00	70.00	0.00212
150.00	60.00	0.00243	150.00	50.00	0.00280
150.00	40.00	0.00324	150.00	30.00	0.00377
150.00	25.00	0.00407	150.00	20.00	0.00442
150.00	17.00	0.00464	150.00	15.00	0.00479
150.00	13.00	0.00494	150.00	11.00	0.00510
150.00	9.00	0.00528	150.00	-9.00	0.00549
150.00	-11.00	0.00534	150.00	-13.00	0.00521
150.00	-15.00	0.00510	150.00	-17.00	0.00499
150.00	-20.00	0.00482	150.00	-25.00	0.00452
150.00	-30.00	0.00422	150.00	-40.00	0.00362
150.00	-50.00	0.00307	150.00	-60.00	0.00258
150.00	-70.00	0.00217	150.00	-80.00	0.00183
150.00	-90.00	0.00156	150.00	-100.00	0.00134

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

160.00	100.00	0.00160	160.00	90.00	0.00181
160.00	80.00	0.00206	160.00	70.00	0.00236
160.00	60.00	0.00271	160.00	50.00	0.00314
160.00	40.00	0.00364	160.00	30.00	0.00424
160.00	25.00	0.00457	160.00	20.00	0.00491
160.00	17.00	0.00512	160.00	15.00	0.00525
160.00	13.00	0.00537	160.00	11.00	0.00550
160.00	9.00	0.00565	160.00	-9.00	0.00546
160.00	-11.00	0.00529	160.00	-13.00	0.00516
160.00	-15.00	0.00504	160.00	-17.00	0.00492
160.00	-20.00	0.00474	160.00	-25.00	0.00445
160.00	-30.00	0.00415	160.00	-40.00	0.00356
160.00	-50.00	0.00300	160.00	-60.00	0.00251
160.00	-70.00	0.00210	160.00	-80.00	0.00177
160.00	-90.00	0.00151	160.00	-100.00	0.00130
170.00	100.00	0.00169	170.00	90.00	0.00192
170.00	80.00	0.00219	170.00	70.00	0.00252
170.00	60.00	0.00291	170.00	50.00	0.00338
170.00	40.00	0.00392	170.00	30.00	0.00452
170.00	25.00	0.00484	170.00	20.00	0.00515
170.00	17.00	0.00533	170.00	15.00	0.00544
170.00	13.00	0.00555	170.00	11.00	0.00565
170.00	9.00	0.00577	170.00	-9.00	0.00532
170.00	-11.00	0.00514	170.00	-13.00	0.00499
170.00	-15.00	0.00485	170.00	-17.00	0.00473

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00455	170.00	-25.00	0.00425
170.00	-30.00	0.00396	170.00	-40.00	0.00337
170.00	-50.00	0.00283	170.00	-60.00	0.00237
170.00	-70.00	0.00199	170.00	-80.00	0.00168
170.00	-90.00	0.00144	170.00	-100.00	0.00124
180.00	100.00	0.00174	180.00	90.00	0.00198
180.00	80.00	0.00227	180.00	70.00	0.00262
180.00	60.00	0.00303	180.00	50.00	0.00352
180.00	40.00	0.00407	180.00	30.00	0.00467

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

180.00	25.00	0.00497	180.00	20.00	0.00525
180.00	17.00	0.00540	180.00	15.00	0.00549
180.00	13.00	0.00558	180.00	11.00	0.00567
180.00	9.00	0.00577	180.00	-9.00	0.00509
180.00	-11.00	0.00488	180.00	-13.00	0.00471
180.00	-15.00	0.00456	180.00	-17.00	0.00443
180.00	-20.00	0.00424	180.00	-25.00	0.00394
180.00	-30.00	0.00365	180.00	-40.00	0.00309
180.00	-50.00	0.00259	180.00	-60.00	0.00217
180.00	-70.00	0.00183	180.00	-80.00	0.00156
180.00	-90.00	0.00133	180.00	-100.00	0.00115
190.00	100.00	0.00173	190.00	90.00	0.00198
190.00	80.00	0.00228	190.00	70.00	0.00264
190.00	60.00	0.00307	190.00	50.00	0.00357
190.00	40.00	0.00413	190.00	30.00	0.00471
190.00	25.00	0.00500	190.00	20.00	0.00525
190.00	17.00	0.00538	190.00	15.00	0.00546
190.00	13.00	0.00553	190.00	11.00	0.00559
190.00	9.00	0.00566	190.00	-9.00	0.00472
190.00	-11.00	0.00449	190.00	-13.00	0.00431
190.00	-15.00	0.00415	190.00	-17.00	0.00400
190.00	-20.00	0.00381	190.00	-25.00	0.00351
190.00	-30.00	0.00323	190.00	-40.00	0.00272
190.00	-50.00	0.00229	190.00	-60.00	0.00194
190.00	-70.00	0.00165	190.00	-80.00	0.00141
190.00	-90.00	0.00121	190.00	-100.00	0.00104
200.00	100.00	0.00167	200.00	90.00	0.00192
200.00	80.00	0.00222	200.00	70.00	0.00258
200.00	60.00	0.00300	200.00	50.00	0.00350
200.00	40.00	0.00406	200.00	30.00	0.00466
200.00	25.00	0.00494	200.00	20.00	0.00519

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00531	200.00	15.00	0.00537
200.00	13.00	0.00542	200.00	11.00	0.00545
200.00	9.00	0.00550	200.00	-9.00	0.00420

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

200.00	-11.00	0.00395	200.00	-13.00	0.00375
200.00	-15.00	0.00358	200.00	-17.00	0.00344
200.00	-20.00	0.00324	200.00	-25.00	0.00296
200.00	-30.00	0.00271	200.00	-40.00	0.00230
200.00	-50.00	0.00196	200.00	-60.00	0.00167
200.00	-70.00	0.00143	200.00	-80.00	0.00123
200.00	-90.00	0.00106	200.00	-100.00	0.00092
210.00	100.00	0.00155	210.00	90.00	0.00178
210.00	80.00	0.00205	210.00	70.00	0.00238
210.00	60.00	0.00277	210.00	50.00	0.00324
210.00	40.00	0.00380	210.00	30.00	0.00442
210.00	25.00	0.00474	210.00	20.00	0.00502
210.00	17.00	0.00515	210.00	15.00	0.00521
210.00	13.00	0.00525	210.00	11.00	0.00527
210.00	9.00	0.00528	210.00	-9.00	0.00345
210.00	-11.00	0.00318	210.00	-13.00	0.00298
210.00	-15.00	0.00282	210.00	-17.00	0.00269
210.00	-20.00	0.00253	210.00	-25.00	0.00232
210.00	-30.00	0.00214	210.00	-40.00	0.00184
210.00	-50.00	0.00159	210.00	-60.00	0.00137
210.00	-70.00	0.00118	210.00	-80.00	0.00103
210.00	-90.00	0.00090	210.00	-100.00	0.00080
220.00	100.00	0.00139	220.00	90.00	0.00157
220.00	80.00	0.00179	220.00	70.00	0.00205
220.00	60.00	0.00236	220.00	50.00	0.00273
220.00	40.00	0.00317	220.00	30.00	0.00370
220.00	25.00	0.00400	220.00	20.00	0.00432
220.00	17.00	0.00450	220.00	15.00	0.00461
220.00	13.00	0.00471	220.00	11.00	0.00479
220.00	9.00	0.00485	220.00	-9.00	0.00229
220.00	-11.00	0.00211	220.00	-13.00	0.00198
220.00	-15.00	0.00189	220.00	-17.00	0.00182
220.00	-20.00	0.00173	220.00	-25.00	0.00162
220.00	-30.00	0.00152	220.00	-40.00	0.00135
220.00	-50.00	0.00120	220.00	-60.00	0.00107
220.00	-70.00	0.00094	220.00	-80.00	0.00084
220.00	-90.00	0.00075	220.00	-100.00	0.00067

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

08NCRA_NAPA97-300 DPM TRAV ANN E-W Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
230.00	100.00	0.00120	230.00	90.00	0.00135	
230.00	80.00	0.00151	230.00	70.00	0.00169	
230.00	60.00	0.00190	230.00	50.00	0.00212	
230.00	40.00	0.00236	230.00	30.00	0.00260	
230.00	25.00	0.00271	230.00	20.00	0.00279	
230.00	17.00	0.00281	230.00	15.00	0.00280	
230.00	13.00	0.00278	230.00	11.00	0.00272	
230.00	9.00	0.00262	230.00	-9.00	0.00111	
230.00	-11.00	0.00108	230.00	-13.00	0.00106	
230.00	-15.00	0.00104	230.00	-17.00	0.00103	
230.00	-20.00	0.00102	230.00	-25.00	0.00101	
230.00	-30.00	0.00099	230.00	-40.00	0.00094	
230.00	-50.00	0.00088	230.00	-60.00	0.00081	
230.00	-70.00	0.00074	230.00	-80.00	0.00067	
230.00	-90.00	0.00061	230.00	-100.00	0.00056	
240.00	100.00	0.00103	240.00	90.00	0.00114	
240.00	80.00	0.00125	240.00	70.00	0.00137	
240.00	60.00	0.00150	240.00	50.00	0.00163	
240.00	40.00	0.00175	240.00	30.00	0.00183	
240.00	25.00	0.00184	240.00	20.00	0.00182	
240.00	17.00	0.00178	240.00	15.00	0.00174	
240.00	13.00	0.00169	240.00	11.00	0.00164	
240.00	9.00	0.00157	240.00	-9.00	0.00081	
240.00	-11.00	0.00077	240.00	-13.00	0.00074	
240.00	-15.00	0.00072	240.00	-17.00	0.00070	
240.00	-20.00	0.00069	240.00	-25.00	0.00068	
240.00	-30.00	0.00068	240.00	-40.00	0.00067	
240.00	-50.00	0.00065	240.00	-60.00	0.00062	
240.00	-70.00	0.00058	240.00	-80.00	0.00054	
240.00	-90.00	0.00050	240.00	-100.00	0.00046	
250.00	100.00	0.00089	250.00	90.00	0.00096	
250.00	80.00	0.00104	250.00	70.00	0.00112	
250.00	60.00	0.00120	250.00	50.00	0.00128	
250.00	40.00	0.00132	250.00	30.00	0.00131	
250.00	25.00	0.00129	250.00	20.00	0.00125	
250.00	17.00	0.00121	250.00	15.00	0.00118	
250.00	13.00	0.00115	250.00	11.00	0.00112	
250.00	9.00	0.00108	250.00	-9.00	0.00065	
250.00	-11.00	0.00061	250.00	-13.00	0.00059	
250.00	-15.00	0.00056	250.00	-17.00	0.00055	

04/20/08

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00053	250.00	-25.00	0.00051
250.00	-30.00	0.00050	250.00	-40.00	0.00050
250.00	-50.00	0.00049	250.00	-60.00	0.00048
250.00	-70.00	0.00046	250.00	-80.00	0.00044
250.00	-90.00	0.00041	250.00	-100.00	0.00039

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00008	-250.00	90.00	0.00008
-250.00	80.00	0.00008	-250.00	70.00	0.00009
-250.00	60.00	0.00009	-250.00	50.00	0.00010
-250.00	40.00	0.00010	-250.00	30.00	0.00011
-250.00	25.00	0.00011	-250.00	20.00	0.00011
-250.00	17.00	0.00011	-250.00	15.00	0.00011
-250.00	13.00	0.00011	-250.00	11.00	0.00011
-250.00	9.00	0.00012	-250.00	-9.00	0.00012
-250.00	-11.00	0.00012	-250.00	-13.00	0.00013
-250.00	-15.00	0.00013	-250.00	-17.00	0.00013
-250.00	-20.00	0.00013	-250.00	-25.00	0.00013
-250.00	-30.00	0.00013	-250.00	-40.00	0.00014
-250.00	-50.00	0.00015	-250.00	-60.00	0.00015
-250.00	-70.00	0.00016	-250.00	-80.00	0.00016
-250.00	-90.00	0.00017	-250.00	-100.00	0.00017
-240.00	100.00	0.00008	-240.00	90.00	0.00008
-240.00	80.00	0.00009	-240.00	70.00	0.00009
-240.00	60.00	0.00010	-240.00	50.00	0.00010
-240.00	40.00	0.00011	-240.00	30.00	0.00011
-240.00	25.00	0.00011	-240.00	20.00	0.00012

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-240.00	17.00	0.00012	-240.00	15.00	0.00012
-240.00	13.00	0.00012	-240.00	11.00	0.00012
-240.00	9.00	0.00012	-240.00	-9.00	0.00013
-240.00	-11.00	0.00013	-240.00	-13.00	0.00013
-240.00	-15.00	0.00013	-240.00	-17.00	0.00013
-240.00	-20.00	0.00014	-240.00	-25.00	0.00014
-240.00	-30.00	0.00014	-240.00	-40.00	0.00015
-240.00	-50.00	0.00016	-240.00	-60.00	0.00016
-240.00	-70.00	0.00017	-240.00	-80.00	0.00017
-240.00	-90.00	0.00018	-240.00	-100.00	0.00018
-230.00	100.00	0.00008	-230.00	90.00	0.00009
-230.00	80.00	0.00009	-230.00	70.00	0.00010
-230.00	60.00	0.00010	-230.00	50.00	0.00011
-230.00	40.00	0.00011	-230.00	30.00	0.00012
-230.00	25.00	0.00012	-230.00	20.00	0.00012
-230.00	17.00	0.00012	-230.00	15.00	0.00013
-230.00	13.00	0.00013	-230.00	11.00	0.00013
-230.00	9.00	0.00013	-230.00	-9.00	0.00014
-230.00	-11.00	0.00014	-230.00	-13.00	0.00014
-230.00	-15.00	0.00014	-230.00	-17.00	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTS:
 PAGE 44
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00014	-230.00	-25.00	0.00015
-230.00	-30.00	0.00015	-230.00	-40.00	0.00016
-230.00	-50.00	0.00017	-230.00	-60.00	0.00017
-230.00	-70.00	0.00018	-230.00	-80.00	0.00018
-230.00	-90.00	0.00019	-230.00	-100.00	0.00019
-220.00	100.00	0.00008	-220.00	90.00	0.00009
-220.00	80.00	0.00010	-220.00	70.00	0.00010
-220.00	60.00	0.00011	-220.00	50.00	0.00011
-220.00	40.00	0.00012	-220.00	30.00	0.00012
-220.00	25.00	0.00013	-220.00	20.00	0.00013
-220.00	17.00	0.00013	-220.00	15.00	0.00013
-220.00	13.00	0.00013	-220.00	11.00	0.00013
-220.00	9.00	0.00014	-220.00	-9.00	0.00015
-220.00	-11.00	0.00015	-220.00	-13.00	0.00015

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-220.00	-15.00	0.00015	-220.00	-17.00	0.00015
-220.00	-20.00	0.00015	-220.00	-25.00	0.00016
-220.00	-30.00	0.00016	-220.00	-40.00	0.00017
-220.00	-50.00	0.00018	-220.00	-60.00	0.00019
-220.00	-70.00	0.00019	-220.00	-80.00	0.00020
-220.00	-90.00	0.00020	-220.00	-100.00	0.00020
-210.00	100.00	0.00009	-210.00	90.00	0.00009
-210.00	80.00	0.00010	-210.00	70.00	0.00011
-210.00	60.00	0.00011	-210.00	50.00	0.00012
-210.00	40.00	0.00013	-210.00	30.00	0.00013
-210.00	25.00	0.00014	-210.00	20.00	0.00014
-210.00	17.00	0.00014	-210.00	15.00	0.00014
-210.00	13.00	0.00014	-210.00	11.00	0.00014
-210.00	9.00	0.00014	-210.00	-9.00	0.00016
-210.00	-11.00	0.00016	-210.00	-13.00	0.00016
-210.00	-15.00	0.00016	-210.00	-17.00	0.00016
-210.00	-20.00	0.00016	-210.00	-25.00	0.00017
-210.00	-30.00	0.00017	-210.00	-40.00	0.00018
-210.00	-50.00	0.00019	-210.00	-60.00	0.00020
-210.00	-70.00	0.00021	-210.00	-80.00	0.00021
-210.00	-90.00	0.00021	-210.00	-100.00	0.00021
-200.00	100.00	0.00009	-200.00	90.00	0.00010
-200.00	80.00	0.00011	-200.00	70.00	0.00011
-200.00	60.00	0.00012	-200.00	50.00	0.00013
-200.00	40.00	0.00013	-200.00	30.00	0.00014
-200.00	25.00	0.00014	-200.00	20.00	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTS:
 PAGE 45

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00015	-200.00	15.00	0.00015
-200.00	13.00	0.00015	-200.00	11.00	0.00015
-200.00	9.00	0.00015	-200.00	-9.00	0.00017
-200.00	-11.00	0.00017	-200.00	-13.00	0.00017
-200.00	-15.00	0.00017	-200.00	-17.00	0.00017
-200.00	-20.00	0.00018	-200.00	-25.00	0.00018
-200.00	-30.00	0.00019	-200.00	-40.00	0.00020
-200.00	-50.00	0.00021	-200.00	-60.00	0.00021

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-200.00	-70.00	0.00022	-200.00	-80.00	0.00022
-200.00	-90.00	0.00023	-200.00	-100.00	0.00023
-190.00	100.00	0.00009	-190.00	90.00	0.00010
-190.00	80.00	0.00011	-190.00	70.00	0.00012
-190.00	60.00	0.00013	-190.00	50.00	0.00013
-190.00	40.00	0.00014	-190.00	30.00	0.00015
-190.00	25.00	0.00015	-190.00	20.00	0.00016
-190.00	17.00	0.00016	-190.00	15.00	0.00016
-190.00	13.00	0.00016	-190.00	11.00	0.00016
-190.00	9.00	0.00016	-190.00	-9.00	0.00018
-190.00	-11.00	0.00018	-190.00	-13.00	0.00018
-190.00	-15.00	0.00018	-190.00	-17.00	0.00018
-190.00	-20.00	0.00019	-190.00	-25.00	0.00019
-190.00	-30.00	0.00020	-190.00	-40.00	0.00021
-190.00	-50.00	0.00022	-190.00	-60.00	0.00023
-190.00	-70.00	0.00024	-190.00	-80.00	0.00024
-190.00	-90.00	0.00024	-190.00	-100.00	0.00024
-180.00	100.00	0.00010	-180.00	90.00	0.00011
-180.00	80.00	0.00012	-180.00	70.00	0.00012
-180.00	60.00	0.00013	-180.00	50.00	0.00014
-180.00	40.00	0.00015	-180.00	30.00	0.00016
-180.00	25.00	0.00016	-180.00	20.00	0.00017
-180.00	17.00	0.00017	-180.00	15.00	0.00017
-180.00	13.00	0.00017	-180.00	11.00	0.00017
-180.00	9.00	0.00017	-180.00	-9.00	0.00019
-180.00	-11.00	0.00019	-180.00	-13.00	0.00019
-180.00	-15.00	0.00020	-180.00	-17.00	0.00020
-180.00	-20.00	0.00020	-180.00	-25.00	0.00021
-180.00	-30.00	0.00021	-180.00	-40.00	0.00023
-180.00	-50.00	0.00024	-180.00	-60.00	0.00025
-180.00	-70.00	0.00025	-180.00	-80.00	0.00026
-180.00	-90.00	0.00026	-180.00	-100.00	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTS:
PAGE 46

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00010	-170.00	90.00	0.00011
-170.00	80.00	0.00012	-170.00	70.00	0.00013

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-170.00	60.00	0.00014	-170.00	50.00	0.00015
-170.00	40.00	0.00016	-170.00	30.00	0.00017
-170.00	25.00	0.00017	-170.00	20.00	0.00018
-170.00	17.00	0.00018	-170.00	15.00	0.00018
-170.00	13.00	0.00018	-170.00	11.00	0.00019
-170.00	9.00	0.00019	-170.00	-9.00	0.00020
-170.00	-11.00	0.00021	-170.00	-13.00	0.00021
-170.00	-15.00	0.00021	-170.00	-17.00	0.00021
-170.00	-20.00	0.00022	-170.00	-25.00	0.00022
-170.00	-30.00	0.00023	-170.00	-40.00	0.00024
-170.00	-50.00	0.00026	-170.00	-60.00	0.00027
-170.00	-70.00	0.00027	-170.00	-80.00	0.00028
-170.00	-90.00	0.00028	-170.00	-100.00	0.00028
-160.00	100.00	0.00011	-160.00	90.00	0.00012
-160.00	80.00	0.00013	-160.00	70.00	0.00014
-160.00	60.00	0.00015	-160.00	50.00	0.00016
-160.00	40.00	0.00017	-160.00	30.00	0.00018
-160.00	25.00	0.00018	-160.00	20.00	0.00019
-160.00	17.00	0.00019	-160.00	15.00	0.00019
-160.00	13.00	0.00020	-160.00	11.00	0.00020
-160.00	9.00	0.00020	-160.00	-9.00	0.00022
-160.00	-11.00	0.00022	-160.00	-13.00	0.00023
-160.00	-15.00	0.00023	-160.00	-17.00	0.00023
-160.00	-20.00	0.00023	-160.00	-25.00	0.00024
-160.00	-30.00	0.00025	-160.00	-40.00	0.00027
-160.00	-50.00	0.00028	-160.00	-60.00	0.00029
-160.00	-70.00	0.00030	-160.00	-80.00	0.00030
-160.00	-90.00	0.00030	-160.00	-100.00	0.00030
-150.00	100.00	0.00011	-150.00	90.00	0.00012
-150.00	80.00	0.00013	-150.00	70.00	0.00014
-150.00	60.00	0.00016	-150.00	50.00	0.00017
-150.00	40.00	0.00018	-150.00	30.00	0.00019
-150.00	25.00	0.00020	-150.00	20.00	0.00020
-150.00	17.00	0.00021	-150.00	15.00	0.00021
-150.00	13.00	0.00021	-150.00	11.00	0.00021
-150.00	9.00	0.00022	-150.00	-9.00	0.00024
-150.00	-11.00	0.00024	-150.00	-13.00	0.00024
-150.00	-15.00	0.00025	-150.00	-17.00	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTS:
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

08NCRA NAPA97-300_DPM_TRAV ANN E-W Bound
 INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00025	-150.00	-25.00	0.00026
-150.00	-30.00	0.00027	-150.00	-40.00	0.00029
-150.00	-50.00	0.00030	-150.00	-60.00	0.00031
-150.00	-70.00	0.00032	-150.00	-80.00	0.00032
-150.00	-90.00	0.00032	-150.00	-100.00	0.00032
-140.00	100.00	0.00012	-140.00	90.00	0.00013
-140.00	80.00	0.00014	-140.00	70.00	0.00015
-140.00	60.00	0.00016	-140.00	50.00	0.00018
-140.00	40.00	0.00019	-140.00	30.00	0.00021
-140.00	25.00	0.00021	-140.00	20.00	0.00022
-140.00	17.00	0.00022	-140.00	15.00	0.00023
-140.00	13.00	0.00023	-140.00	11.00	0.00023
-140.00	9.00	0.00023	-140.00	-9.00	0.00026
-140.00	-11.00	0.00026	-140.00	-13.00	0.00026
-140.00	-15.00	0.00027	-140.00	-17.00	0.00027
-140.00	-20.00	0.00028	-140.00	-25.00	0.00029
-140.00	-30.00	0.00030	-140.00	-40.00	0.00032
-140.00	-50.00	0.00033	-140.00	-60.00	0.00034
-140.00	-70.00	0.00035	-140.00	-80.00	0.00035
-140.00	-90.00	0.00035	-140.00	-100.00	0.00035
-130.00	100.00	0.00012	-130.00	90.00	0.00013
-130.00	80.00	0.00014	-130.00	70.00	0.00016
-130.00	60.00	0.00017	-130.00	50.00	0.00019
-130.00	40.00	0.00021	-130.00	30.00	0.00022
-130.00	25.00	0.00023	-130.00	20.00	0.00024
-130.00	17.00	0.00024	-130.00	15.00	0.00024
-130.00	13.00	0.00025	-130.00	11.00	0.00025
-130.00	9.00	0.00025	-130.00	-9.00	0.00028
-130.00	-11.00	0.00028	-130.00	-13.00	0.00029
-130.00	-15.00	0.00029	-130.00	-17.00	0.00030
-130.00	-20.00	0.00030	-130.00	-25.00	0.00031
-130.00	-30.00	0.00033	-130.00	-40.00	0.00035
-130.00	-50.00	0.00036	-130.00	-60.00	0.00037
-130.00	-70.00	0.00038	-130.00	-80.00	0.00038
-130.00	-90.00	0.00038	-130.00	-100.00	0.00038
-120.00	100.00	0.00013	-120.00	90.00	0.00014
-120.00	80.00	0.00015	-120.00	70.00	0.00017
-120.00	60.00	0.00019	-120.00	50.00	0.00020
-120.00	40.00	0.00022	-120.00	30.00	0.00024
-120.00	25.00	0.00025	-120.00	20.00	0.00026

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

17:21:52

**MODELOPTs:

PAGE 48

*** Maximum train overlap at East/West Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00026	-120.00	15.00	0.00026
-120.00	13.00	0.00027	-120.00	11.00	0.00027
-120.00	9.00	0.00027	-120.00	-9.00	0.00031
-120.00	-11.00	0.00031	-120.00	-13.00	0.00032
-120.00	-15.00	0.00032	-120.00	-17.00	0.00033
-120.00	-20.00	0.00033	-120.00	-25.00	0.00035
-120.00	-30.00	0.00036	-120.00	-40.00	0.00038
-120.00	-50.00	0.00040	-120.00	-60.00	0.00041
-120.00	-70.00	0.00041	-120.00	-80.00	0.00041
-120.00	-90.00	0.00041	-120.00	-100.00	0.00041
-110.00	100.00	0.00013	-110.00	90.00	0.00014
-110.00	80.00	0.00016	-110.00	70.00	0.00018
-110.00	60.00	0.00020	-110.00	50.00	0.00022
-110.00	40.00	0.00024	-110.00	30.00	0.00026
-110.00	25.00	0.00027	-110.00	20.00	0.00028
-110.00	17.00	0.00028	-110.00	15.00	0.00029
-110.00	13.00	0.00029	-110.00	11.00	0.00030
-110.00	9.00	0.00030	-110.00	-9.00	0.00034
-110.00	-11.00	0.00034	-110.00	-13.00	0.00035
-110.00	-15.00	0.00035	-110.00	-17.00	0.00036
-110.00	-20.00	0.00037	-110.00	-25.00	0.00038
-110.00	-30.00	0.00040	-110.00	-40.00	0.00042
-110.00	-50.00	0.00044	-110.00	-60.00	0.00045
-110.00	-70.00	0.00045	-110.00	-80.00	0.00045
-110.00	-90.00	0.00045	-110.00	-100.00	0.00044
-100.00	100.00	0.00014	-100.00	90.00	0.00015
-100.00	80.00	0.00017	-100.00	70.00	0.00019
-100.00	60.00	0.00021	-100.00	50.00	0.00023
-100.00	40.00	0.00026	-100.00	30.00	0.00028
-100.00	25.00	0.00029	-100.00	20.00	0.00030
-100.00	17.00	0.00031	-100.00	15.00	0.00031
-100.00	13.00	0.00032	-100.00	11.00	0.00032
-100.00	9.00	0.00033	-100.00	-9.00	0.00037
-100.00	-11.00	0.00038	-100.00	-13.00	0.00039

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-100.00	-15.00	0.00039	-100.00	-17.00	0.00040
-100.00	-20.00	0.00041	-100.00	-25.00	0.00043
-100.00	-30.00	0.00044	-100.00	-40.00	0.00047
-100.00	-50.00	0.00049	-100.00	-60.00	0.00050
-100.00	-70.00	0.00050	-100.00	-80.00	0.00049
-100.00	-90.00	0.00049	-100.00	-100.00	0.00048

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

PAGE 49

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00015	-90.00	90.00	0.00016
-90.00	80.00	0.00018	-90.00	70.00	0.00020
-90.00	60.00	0.00022	-90.00	50.00	0.00025
-90.00	40.00	0.00028	-90.00	30.00	0.00030
-90.00	25.00	0.00032	-90.00	20.00	0.00033
-90.00	17.00	0.00034	-90.00	15.00	0.00035
-90.00	13.00	0.00035	-90.00	11.00	0.00036
-90.00	9.00	0.00036	-90.00	-9.00	0.00041
-90.00	-11.00	0.00042	-90.00	-13.00	0.00043
-90.00	-15.00	0.00044	-90.00	-17.00	0.00044
-90.00	-20.00	0.00046	-90.00	-25.00	0.00048
-90.00	-30.00	0.00049	-90.00	-40.00	0.00052
-90.00	-50.00	0.00054	-90.00	-60.00	0.00055
-90.00	-70.00	0.00055	-90.00	-80.00	0.00054
-90.00	-90.00	0.00053	-90.00	-100.00	0.00052
-80.00	100.00	0.00016	-80.00	90.00	0.00017
-80.00	80.00	0.00019	-80.00	70.00	0.00021
-80.00	60.00	0.00024	-80.00	50.00	0.00027
-80.00	40.00	0.00030	-80.00	30.00	0.00033
-80.00	25.00	0.00035	-80.00	20.00	0.00037
-80.00	17.00	0.00038	-80.00	15.00	0.00038
-80.00	13.00	0.00039	-80.00	11.00	0.00039
-80.00	9.00	0.00040	-80.00	-9.00	0.00046
-80.00	-11.00	0.00047	-80.00	-13.00	0.00048
-80.00	-15.00	0.00049	-80.00	-17.00	0.00050
-80.00	-20.00	0.00051	-80.00	-25.00	0.00054
-80.00	-30.00	0.00056	-80.00	-40.00	0.00059
-80.00	-50.00	0.00061	-80.00	-60.00	0.00061

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-80.00	-70.00	0.00061	-80.00	-80.00	0.00060
-80.00	-90.00	0.00059	-80.00	-100.00	0.00057
-70.00	100.00	0.00017	-70.00	90.00	0.00018
-70.00	80.00	0.00020	-70.00	70.00	0.00022
-70.00	60.00	0.00025	-70.00	50.00	0.00029
-70.00	40.00	0.00032	-70.00	30.00	0.00036
-70.00	25.00	0.00038	-70.00	20.00	0.00040
-70.00	17.00	0.00041	-70.00	15.00	0.00042
-70.00	13.00	0.00043	-70.00	11.00	0.00044
-70.00	9.00	0.00044	-70.00	-9.00	0.00052
-70.00	-11.00	0.00053	-70.00	-13.00	0.00054
-70.00	-15.00	0.00055	-70.00	-17.00	0.00056

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00058	-70.00	-25.00	0.00061
-70.00	-30.00	0.00063	-70.00	-40.00	0.00067
-70.00	-50.00	0.00068	-70.00	-60.00	0.00068
-70.00	-70.00	0.00068	-70.00	-80.00	0.00066
-70.00	-90.00	0.00065	-70.00	-100.00	0.00063
-60.00	100.00	0.00019	-60.00	90.00	0.00020
-60.00	80.00	0.00022	-60.00	70.00	0.00024
-60.00	60.00	0.00027	-60.00	50.00	0.00031
-60.00	40.00	0.00035	-60.00	30.00	0.00040
-60.00	25.00	0.00042	-60.00	20.00	0.00045
-60.00	17.00	0.00046	-60.00	15.00	0.00047
-60.00	13.00	0.00048	-60.00	11.00	0.00049
-60.00	9.00	0.00050	-60.00	-9.00	0.00059
-60.00	-11.00	0.00060	-60.00	-13.00	0.00062
-60.00	-15.00	0.00063	-60.00	-17.00	0.00064
-60.00	-20.00	0.00066	-60.00	-25.00	0.00070
-60.00	-30.00	0.00072	-60.00	-40.00	0.00076
-60.00	-50.00	0.00077	-60.00	-60.00	0.00077
-60.00	-70.00	0.00075	-60.00	-80.00	0.00074
-60.00	-90.00	0.00071	-60.00	-100.00	0.00069
-50.00	100.00	0.00021	-50.00	90.00	0.00022
-50.00	80.00	0.00023	-50.00	70.00	0.00026

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-50.00	60.00	0.00029	-50.00	50.00	0.00033
-50.00	40.00	0.00038	-50.00	30.00	0.00044
-50.00	25.00	0.00047	-50.00	20.00	0.00050
-50.00	17.00	0.00052	-50.00	15.00	0.00053
-50.00	13.00	0.00054	-50.00	11.00	0.00055
-50.00	9.00	0.00056	-50.00	-9.00	0.00068
-50.00	-11.00	0.00069	-50.00	-13.00	0.00071
-50.00	-15.00	0.00072	-50.00	-17.00	0.00074
-50.00	-20.00	0.00077	-50.00	-25.00	0.00080
-50.00	-30.00	0.00083	-50.00	-40.00	0.00086
-50.00	-50.00	0.00087	-50.00	-60.00	0.00086
-50.00	-70.00	0.00085	-50.00	-80.00	0.00082
-50.00	-90.00	0.00079	-50.00	-100.00	0.00075
-40.00	100.00	0.00023	-40.00	90.00	0.00024
-40.00	80.00	0.00026	-40.00	70.00	0.00028
-40.00	60.00	0.00031	-40.00	50.00	0.00035
-40.00	40.00	0.00041	-40.00	30.00	0.00048
-40.00	25.00	0.00052	-40.00	20.00	0.00056

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00058	-40.00	15.00	0.00059
-40.00	13.00	0.00061	-40.00	11.00	0.00062
-40.00	9.00	0.00064	-40.00	-9.00	0.00078
-40.00	-11.00	0.00080	-40.00	-13.00	0.00082
-40.00	-15.00	0.00084	-40.00	-17.00	0.00086
-40.00	-20.00	0.00089	-40.00	-25.00	0.00093
-40.00	-30.00	0.00096	-40.00	-40.00	0.00099
-40.00	-50.00	0.00100	-40.00	-60.00	0.00098
-40.00	-70.00	0.00095	-40.00	-80.00	0.00092
-40.00	-90.00	0.00087	-40.00	-100.00	0.00083
-30.00	100.00	0.00026	-30.00	90.00	0.00027
-30.00	80.00	0.00029	-30.00	70.00	0.00031
-30.00	60.00	0.00034	-30.00	50.00	0.00038
-30.00	40.00	0.00045	-30.00	30.00	0.00053
-30.00	25.00	0.00058	-30.00	20.00	0.00063
-30.00	17.00	0.00065	-30.00	15.00	0.00067

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-30.00	13.00	0.00069	-30.00	11.00	0.00071
-30.00	9.00	0.00073	-30.00	-9.00	0.00091
-30.00	-11.00	0.00094	-30.00	-13.00	0.00096
-30.00	-15.00	0.00099	-30.00	-17.00	0.00101
-30.00	-20.00	0.00105	-30.00	-25.00	0.00109
-30.00	-30.00	0.00113	-30.00	-40.00	0.00115
-30.00	-50.00	0.00114	-30.00	-60.00	0.00112
-30.00	-70.00	0.00108	-30.00	-80.00	0.00102
-30.00	-90.00	0.00096	-30.00	-100.00	0.00090
-20.00	100.00	0.00030	-20.00	90.00	0.00032
-20.00	80.00	0.00033	-20.00	70.00	0.00035
-20.00	60.00	0.00038	-20.00	50.00	0.00042
-20.00	40.00	0.00049	-20.00	30.00	0.00059
-20.00	25.00	0.00064	-20.00	20.00	0.00070
-20.00	17.00	0.00074	-20.00	15.00	0.00076
-20.00	13.00	0.00079	-20.00	11.00	0.00081
-20.00	9.00	0.00084	-20.00	-9.00	0.00108
-20.00	-11.00	0.00111	-20.00	-13.00	0.00115
-20.00	-15.00	0.00118	-20.00	-17.00	0.00121
-20.00	-20.00	0.00125	-20.00	-25.00	0.00130
-20.00	-30.00	0.00133	-20.00	-40.00	0.00134
-20.00	-50.00	0.00132	-20.00	-60.00	0.00128
-20.00	-70.00	0.00121	-20.00	-80.00	0.00114
-20.00	-90.00	0.00105	-20.00	-100.00	0.00097

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00036	-10.00	90.00	0.00037
-10.00	80.00	0.00038	-10.00	70.00	0.00040
-10.00	60.00	0.00043	-10.00	50.00	0.00047
-10.00	40.00	0.00054	-10.00	30.00	0.00065
-10.00	25.00	0.00072	-10.00	20.00	0.00079
-10.00	17.00	0.00084	-10.00	15.00	0.00087
-10.00	13.00	0.00090	-10.00	11.00	0.00093
-10.00	9.00	0.00097	-10.00	-9.00	0.00129
-10.00	-11.00	0.00134	-10.00	-13.00	0.00138
-10.00	-15.00	0.00142	-10.00	-17.00	0.00146

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-10.00	-20.00	0.00150	-10.00	-25.00	0.00155
-10.00	-30.00	0.00158	-10.00	-40.00	0.00158
-10.00	-50.00	0.00153	-10.00	-60.00	0.00146
-10.00	-70.00	0.00136	-10.00	-80.00	0.00125
-10.00	-90.00	0.00114	-10.00	-100.00	0.00104
0.00	100.00	0.00043	0.00	90.00	0.00044
0.00	80.00	0.00046	0.00	70.00	0.00047
0.00	60.00	0.00050	0.00	50.00	0.00054
0.00	40.00	0.00060	0.00	30.00	0.00071
0.00	25.00	0.00079	0.00	20.00	0.00089
0.00	17.00	0.00095	0.00	15.00	0.00099
0.00	13.00	0.00104	0.00	11.00	0.00108
0.00	9.00	0.00112	0.00	-9.00	0.00158
0.00	-11.00	0.00164	0.00	-13.00	0.00169
0.00	-15.00	0.00174	0.00	-17.00	0.00178
0.00	-20.00	0.00182	0.00	-25.00	0.00187
0.00	-30.00	0.00189	0.00	-40.00	0.00186
0.00	-50.00	0.00178	0.00	-60.00	0.00166
0.00	-70.00	0.00151	0.00	-80.00	0.00137
0.00	-90.00	0.00123	0.00	-100.00	0.00111
10.00	100.00	0.00053	10.00	90.00	0.00055
10.00	80.00	0.00057	10.00	70.00	0.00059
10.00	60.00	0.00061	10.00	50.00	0.00064
10.00	40.00	0.00069	10.00	30.00	0.00080
10.00	25.00	0.00088	10.00	20.00	0.00099
10.00	17.00	0.00107	10.00	15.00	0.00113
10.00	13.00	0.00119	10.00	11.00	0.00125
10.00	9.00	0.00131	10.00	-9.00	0.00195
10.00	-11.00	0.00203	10.00	-13.00	0.00209
10.00	-15.00	0.00215	10.00	-17.00	0.00219

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00224	10.00	-25.00	0.00227
10.00	-30.00	0.00228	10.00	-40.00	0.00220
10.00	-50.00	0.00204	10.00	-60.00	0.00185
10.00	-70.00	0.00166	10.00	-80.00	0.00149

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

10.00	-90.00	0.00133	10.00	-100.00	0.00118
20.00	100.00	0.00067	20.00	90.00	0.00070
20.00	80.00	0.00073	20.00	70.00	0.00076
20.00	60.00	0.00078	20.00	50.00	0.00081
20.00	40.00	0.00085	20.00	30.00	0.00093
20.00	25.00	0.00101	20.00	20.00	0.00111
20.00	17.00	0.00120	20.00	15.00	0.00127
20.00	13.00	0.00134	20.00	11.00	0.00142
20.00	9.00	0.00151	20.00	-9.00	0.00246
20.00	-11.00	0.00255	20.00	-13.00	0.00263
20.00	-15.00	0.00268	20.00	-17.00	0.00272
20.00	-20.00	0.00276	20.00	-25.00	0.00278
20.00	-30.00	0.00274	20.00	-40.00	0.00255
20.00	-50.00	0.00231	20.00	-60.00	0.00206
20.00	-70.00	0.00182	20.00	-80.00	0.00161
20.00	-90.00	0.00142	20.00	-100.00	0.00125
30.00	100.00	0.00085	30.00	90.00	0.00091
30.00	80.00	0.00097	30.00	70.00	0.00103
30.00	60.00	0.00109	30.00	50.00	0.00113
30.00	40.00	0.00117	30.00	30.00	0.00121
30.00	25.00	0.00125	30.00	20.00	0.00131
30.00	17.00	0.00138	30.00	15.00	0.00145
30.00	13.00	0.00153	30.00	11.00	0.00162
30.00	9.00	0.00173	30.00	-9.00	0.00318
30.00	-11.00	0.00327	30.00	-13.00	0.00334
30.00	-15.00	0.00338	30.00	-17.00	0.00340
30.00	-20.00	0.00340	30.00	-25.00	0.00334
30.00	-30.00	0.00322	30.00	-40.00	0.00292
30.00	-50.00	0.00259	30.00	-60.00	0.00227
30.00	-70.00	0.00198	30.00	-80.00	0.00172
30.00	-90.00	0.00150	30.00	-100.00	0.00131
40.00	100.00	0.00107	40.00	90.00	0.00117
40.00	80.00	0.00128	40.00	70.00	0.00141
40.00	60.00	0.00154	40.00	50.00	0.00168
40.00	40.00	0.00182	40.00	30.00	0.00194
40.00	25.00	0.00198	40.00	20.00	0.00201

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

08NCRA_NAPA97-300_DPM_TRAV ANN E-W Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00202	40.00	15.00	0.00203
40.00	13.00	0.00204	40.00	11.00	0.00208
40.00	9.00	0.00215	40.00	-9.00	0.00426
40.00	-11.00	0.00427	40.00	-13.00	0.00425
40.00	-15.00	0.00422	40.00	-17.00	0.00418
40.00	-20.00	0.00410	40.00	-25.00	0.00392
40.00	-30.00	0.00372	40.00	-40.00	0.00329
40.00	-50.00	0.00285	40.00	-60.00	0.00245
40.00	-70.00	0.00211	40.00	-80.00	0.00181
40.00	-90.00	0.00156	40.00	-100.00	0.00135
50.00	100.00	0.00128	50.00	90.00	0.00142
50.00	80.00	0.00159	50.00	70.00	0.00180
50.00	60.00	0.00203	50.00	50.00	0.00231
50.00	40.00	0.00264	50.00	30.00	0.00303
50.00	25.00	0.00325	50.00	20.00	0.00351
50.00	17.00	0.00367	50.00	15.00	0.00379
50.00	13.00	0.00393	50.00	11.00	0.00409
50.00	9.00	0.00431	50.00	-9.00	0.00533
50.00	-11.00	0.00519	50.00	-13.00	0.00506
50.00	-15.00	0.00494	50.00	-17.00	0.00483
50.00	-20.00	0.00466	50.00	-25.00	0.00438
50.00	-30.00	0.00410	50.00	-40.00	0.00354
50.00	-50.00	0.00302	50.00	-60.00	0.00257
50.00	-70.00	0.00218	50.00	-80.00	0.00185
50.00	-90.00	0.00158	50.00	-100.00	0.00136
60.00	100.00	0.00146	60.00	90.00	0.00164
60.00	80.00	0.00186	60.00	70.00	0.00212
60.00	60.00	0.00243	60.00	50.00	0.00280
60.00	40.00	0.00324	60.00	30.00	0.00377
60.00	25.00	0.00407	60.00	20.00	0.00442
60.00	17.00	0.00464	60.00	15.00	0.00479
60.00	13.00	0.00494	60.00	11.00	0.00510
60.00	9.00	0.00528	60.00	-9.00	0.00549
60.00	-11.00	0.00534	60.00	-13.00	0.00521
60.00	-15.00	0.00510	60.00	-17.00	0.00499
60.00	-20.00	0.00482	60.00	-25.00	0.00452
60.00	-30.00	0.00422	60.00	-40.00	0.00362
60.00	-50.00	0.00307	60.00	-60.00	0.00258
60.00	-70.00	0.00217	60.00	-80.00	0.00183
60.00	-90.00	0.00156	60.00	-100.00	0.00134

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00160	70.00	90.00	0.00181
70.00	80.00	0.00206	70.00	70.00	0.00236
70.00	60.00	0.00271	70.00	50.00	0.00314
70.00	40.00	0.00364	70.00	30.00	0.00424
70.00	25.00	0.00457	70.00	20.00	0.00491
70.00	17.00	0.00512	70.00	15.00	0.00525
70.00	13.00	0.00537	70.00	11.00	0.00550
70.00	9.00	0.00565	70.00	-9.00	0.00546
70.00	-11.00	0.00529	70.00	-13.00	0.00516
70.00	-15.00	0.00504	70.00	-17.00	0.00492
70.00	-20.00	0.00474	70.00	-25.00	0.00445
70.00	-30.00	0.00415	70.00	-40.00	0.00356
70.00	-50.00	0.00300	70.00	-60.00	0.00251
70.00	-70.00	0.00210	70.00	-80.00	0.00177
70.00	-90.00	0.00151	70.00	-100.00	0.00130
80.00	100.00	0.00169	80.00	90.00	0.00192
80.00	80.00	0.00219	80.00	70.00	0.00252
80.00	60.00	0.00291	80.00	50.00	0.00338
80.00	40.00	0.00392	80.00	30.00	0.00452
80.00	25.00	0.00484	80.00	20.00	0.00515
80.00	17.00	0.00533	80.00	15.00	0.00544
80.00	13.00	0.00555	80.00	11.00	0.00565
80.00	9.00	0.00577	80.00	-9.00	0.00532
80.00	-11.00	0.00514	80.00	-13.00	0.00499
80.00	-15.00	0.00485	80.00	-17.00	0.00473
80.00	-20.00	0.00455	80.00	-25.00	0.00425
80.00	-30.00	0.00396	80.00	-40.00	0.00337
80.00	-50.00	0.00283	80.00	-60.00	0.00237
80.00	-70.00	0.00199	80.00	-80.00	0.00168
80.00	-90.00	0.00144	80.00	-100.00	0.00124
90.00	100.00	0.00174	90.00	90.00	0.00198
90.00	80.00	0.00227	90.00	70.00	0.00262
90.00	60.00	0.00303	90.00	50.00	0.00352
90.00	40.00	0.00407	90.00	30.00	0.00467
90.00	25.00	0.00497	90.00	20.00	0.00525
90.00	17.00	0.00540	90.00	15.00	0.00549

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

90.00	13.00	0.00558	90.00	11.00	0.00567
90.00	9.00	0.00577	90.00	-9.00	0.00509
90.00	-11.00	0.00488	90.00	-13.00	0.00471
90.00	-15.00	0.00456	90.00	-17.00	0.00443

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00424	90.00	-25.00	0.00394
90.00	-30.00	0.00365	90.00	-40.00	0.00309
90.00	-50.00	0.00259	90.00	-60.00	0.00217
90.00	-70.00	0.00183	90.00	-80.00	0.00156
90.00	-90.00	0.00133	90.00	-100.00	0.00115
100.00	100.00	0.00173	100.00	90.00	0.00198
100.00	80.00	0.00228	100.00	70.00	0.00264
100.00	60.00	0.00307	100.00	50.00	0.00357
100.00	40.00	0.00413	100.00	30.00	0.00471
100.00	25.00	0.00500	100.00	20.00	0.00525
100.00	17.00	0.00538	100.00	15.00	0.00546
100.00	13.00	0.00553	100.00	11.00	0.00559
100.00	9.00	0.00566	100.00	-9.00	0.00472
100.00	-11.00	0.00449	100.00	-13.00	0.00431
100.00	-15.00	0.00415	100.00	-17.00	0.00400
100.00	-20.00	0.00381	100.00	-25.00	0.00351
100.00	-30.00	0.00323	100.00	-40.00	0.00272
100.00	-50.00	0.00229	100.00	-60.00	0.00194
100.00	-70.00	0.00165	100.00	-80.00	0.00141
100.00	-90.00	0.00121	100.00	-100.00	0.00104
110.00	100.00	0.00167	110.00	90.00	0.00192
110.00	80.00	0.00222	110.00	70.00	0.00258
110.00	60.00	0.00300	110.00	50.00	0.00350
110.00	40.00	0.00406	110.00	30.00	0.00466
110.00	25.00	0.00494	110.00	20.00	0.00519
110.00	17.00	0.00531	110.00	15.00	0.00537
110.00	13.00	0.00542	110.00	11.00	0.00545
110.00	9.00	0.00550	110.00	-9.00	0.00420
110.00	-11.00	0.00395	110.00	-13.00	0.00375
110.00	-15.00	0.00358	110.00	-17.00	0.00344

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

110.00	-20.00	0.00324	110.00	-25.00	0.00296
110.00	-30.00	0.00271	110.00	-40.00	0.00230
110.00	-50.00	0.00196	110.00	-60.00	0.00167
110.00	-70.00	0.00143	110.00	-80.00	0.00123
110.00	-90.00	0.00106	110.00	-100.00	0.00092
120.00	100.00	0.00155	120.00	90.00	0.00178
120.00	80.00	0.00205	120.00	70.00	0.00238
120.00	60.00	0.00277	120.00	50.00	0.00324
120.00	40.00	0.00380	120.00	30.00	0.00442
120.00	25.00	0.00474	120.00	20.00	0.00502

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00515	120.00	15.00	0.00521
120.00	13.00	0.00525	120.00	11.00	0.00527
120.00	9.00	0.00528	120.00	-9.00	0.00345
120.00	-11.00	0.00318	120.00	-13.00	0.00298
120.00	-15.00	0.00282	120.00	-17.00	0.00269
120.00	-20.00	0.00253	120.00	-25.00	0.00232
120.00	-30.00	0.00214	120.00	-40.00	0.00184
120.00	-50.00	0.00159	120.00	-60.00	0.00137
120.00	-70.00	0.00118	120.00	-80.00	0.00103
120.00	-90.00	0.00090	120.00	-100.00	0.00080
130.00	100.00	0.00139	130.00	90.00	0.00157
130.00	80.00	0.00179	130.00	70.00	0.00205
130.00	60.00	0.00236	130.00	50.00	0.00273
130.00	40.00	0.00317	130.00	30.00	0.00370
130.00	25.00	0.00400	130.00	20.00	0.00432
130.00	17.00	0.00450	130.00	15.00	0.00461
130.00	13.00	0.00471	130.00	11.00	0.00479
130.00	9.00	0.00485	130.00	-9.00	0.00229
130.00	-11.00	0.00211	130.00	-13.00	0.00198
130.00	-15.00	0.00189	130.00	-17.00	0.00182
130.00	-20.00	0.00173	130.00	-25.00	0.00162
130.00	-30.00	0.00152	130.00	-40.00	0.00135
130.00	-50.00	0.00120	130.00	-60.00	0.00107
130.00	-70.00	0.00094	130.00	-80.00	0.00084

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

130.00	-90.00	0.00075	130.00	-100.00	0.00067
140.00	100.00	0.00120	140.00	90.00	0.00135
140.00	80.00	0.00151	140.00	70.00	0.00169
140.00	60.00	0.00190	140.00	50.00	0.00212
140.00	40.00	0.00236	140.00	30.00	0.00260
140.00	25.00	0.00271	140.00	20.00	0.00279
140.00	17.00	0.00281	140.00	15.00	0.00280
140.00	13.00	0.00278	140.00	11.00	0.00272
140.00	9.00	0.00262	140.00	-9.00	0.00111
140.00	-11.00	0.00108	140.00	-13.00	0.00106
140.00	-15.00	0.00104	140.00	-17.00	0.00103
140.00	-20.00	0.00102	140.00	-25.00	0.00101
140.00	-30.00	0.00099	140.00	-40.00	0.00094
140.00	-50.00	0.00088	140.00	-60.00	0.00081
140.00	-70.00	0.00074	140.00	-80.00	0.00067
140.00	-90.00	0.00061	140.00	-100.00	0.00056

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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*** Maximum train overlap at East/West Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00103	150.00	90.00	0.00114
150.00	80.00	0.00125	150.00	70.00	0.00137
150.00	60.00	0.00150	150.00	50.00	0.00163
150.00	40.00	0.00175	150.00	30.00	0.00183
150.00	25.00	0.00184	150.00	20.00	0.00182
150.00	17.00	0.00178	150.00	15.00	0.00174
150.00	13.00	0.00169	150.00	11.00	0.00164
150.00	9.00	0.00157	150.00	-9.00	0.00081
150.00	-11.00	0.00077	150.00	-13.00	0.00074
150.00	-15.00	0.00072	150.00	-17.00	0.00070
150.00	-20.00	0.00069	150.00	-25.00	0.00068
150.00	-30.00	0.00068	150.00	-40.00	0.00067
150.00	-50.00	0.00065	150.00	-60.00	0.00062
150.00	-70.00	0.00058	150.00	-80.00	0.00054
150.00	-90.00	0.00050	150.00	-100.00	0.00046
160.00	100.00	0.00089	160.00	90.00	0.00096
160.00	80.00	0.00104	160.00	70.00	0.00112
160.00	60.00	0.00120	160.00	50.00	0.00128

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

160.00	40.00	0.00132	160.00	30.00	0.00131
160.00	25.00	0.00129	160.00	20.00	0.00125
160.00	17.00	0.00121	160.00	15.00	0.00118
160.00	13.00	0.00115	160.00	11.00	0.00112
160.00	9.00	0.00108	160.00	-9.00	0.00065
160.00	-11.00	0.00061	160.00	-13.00	0.00059
160.00	-15.00	0.00056	160.00	-17.00	0.00055
160.00	-20.00	0.00053	160.00	-25.00	0.00051
160.00	-30.00	0.00050	160.00	-40.00	0.00050
160.00	-50.00	0.00049	160.00	-60.00	0.00048
160.00	-70.00	0.00046	160.00	-80.00	0.00044
160.00	-90.00	0.00041	160.00	-100.00	0.00039
170.00	100.00	0.00076	170.00	90.00	0.00082
170.00	80.00	0.00087	170.00	70.00	0.00093
170.00	60.00	0.00097	170.00	50.00	0.00100
170.00	40.00	0.00100	170.00	30.00	0.00097
170.00	25.00	0.00094	170.00	20.00	0.00091
170.00	17.00	0.00089	170.00	15.00	0.00087
170.00	13.00	0.00085	170.00	11.00	0.00083
170.00	9.00	0.00080	170.00	-9.00	0.00053
170.00	-11.00	0.00050	170.00	-13.00	0.00048
170.00	-15.00	0.00046	170.00	-17.00	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 59

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00043	170.00	-25.00	0.00041
170.00	-30.00	0.00040	170.00	-40.00	0.00038
170.00	-50.00	0.00038	170.00	-60.00	0.00037
170.00	-70.00	0.00036	170.00	-80.00	0.00035
170.00	-90.00	0.00034	170.00	-100.00	0.00032
180.00	100.00	0.00066	180.00	90.00	0.00070
180.00	80.00	0.00073	180.00	70.00	0.00076
180.00	60.00	0.00078	180.00	50.00	0.00078
180.00	40.00	0.00077	180.00	30.00	0.00074
180.00	25.00	0.00072	180.00	20.00	0.00070
180.00	17.00	0.00068	180.00	15.00	0.00067
180.00	13.00	0.00066	180.00	11.00	0.00064

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

180.00	9.00	0.00062	180.00	-9.00	0.00044
180.00	-11.00	0.00042	180.00	-13.00	0.00040
180.00	-15.00	0.00039	180.00	-17.00	0.00038
180.00	-20.00	0.00036	180.00	-25.00	0.00034
180.00	-30.00	0.00033	180.00	-40.00	0.00031
180.00	-50.00	0.00030	180.00	-60.00	0.00030
180.00	-70.00	0.00029	180.00	-80.00	0.00029
180.00	-90.00	0.00028	180.00	-100.00	0.00027
190.00	100.00	0.00057	190.00	90.00	0.00060
190.00	80.00	0.00062	190.00	70.00	0.00063
190.00	60.00	0.00063	190.00	50.00	0.00062
190.00	40.00	0.00061	190.00	30.00	0.00058
190.00	25.00	0.00057	190.00	20.00	0.00056
190.00	17.00	0.00054	190.00	15.00	0.00054
190.00	13.00	0.00052	190.00	11.00	0.00051
190.00	9.00	0.00050	190.00	-9.00	0.00037
190.00	-11.00	0.00035	190.00	-13.00	0.00034
190.00	-15.00	0.00033	190.00	-17.00	0.00032
190.00	-20.00	0.00031	190.00	-25.00	0.00029
190.00	-30.00	0.00027	190.00	-40.00	0.00026
190.00	-50.00	0.00025	190.00	-60.00	0.00025
190.00	-70.00	0.00024	190.00	-80.00	0.00024
190.00	-90.00	0.00023	190.00	-100.00	0.00023
200.00	100.00	0.00049	200.00	90.00	0.00051
200.00	80.00	0.00052	200.00	70.00	0.00052
200.00	60.00	0.00052	200.00	50.00	0.00051
200.00	40.00	0.00049	200.00	30.00	0.00047
200.00	25.00	0.00046	200.00	20.00	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00044	200.00	15.00	0.00044
200.00	13.00	0.00043	200.00	11.00	0.00042
200.00	9.00	0.00041	200.00	-9.00	0.00031
200.00	-11.00	0.00030	200.00	-13.00	0.00029
200.00	-15.00	0.00028	200.00	-17.00	0.00027
200.00	-20.00	0.00026	200.00	-25.00	0.00025

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

200.00	-30.00	0.00024	200.00	-40.00	0.00022
200.00	-50.00	0.00021	200.00	-60.00	0.00021
200.00	-70.00	0.00020	200.00	-80.00	0.00020
200.00	-90.00	0.00020	200.00	-100.00	0.00019
210.00	100.00	0.00043	210.00	90.00	0.00043
210.00	80.00	0.00044	210.00	70.00	0.00043
210.00	60.00	0.00043	210.00	50.00	0.00042
210.00	40.00	0.00040	210.00	30.00	0.00039
210.00	25.00	0.00039	210.00	20.00	0.00038
210.00	17.00	0.00037	210.00	15.00	0.00036
210.00	13.00	0.00036	210.00	11.00	0.00035
210.00	9.00	0.00034	210.00	-9.00	0.00027
210.00	-11.00	0.00026	210.00	-13.00	0.00025
210.00	-15.00	0.00024	210.00	-17.00	0.00024
210.00	-20.00	0.00023	210.00	-25.00	0.00022
210.00	-30.00	0.00020	210.00	-40.00	0.00019
210.00	-50.00	0.00018	210.00	-60.00	0.00018
210.00	-70.00	0.00017	210.00	-80.00	0.00017
210.00	-90.00	0.00017	210.00	-100.00	0.00017
220.00	100.00	0.00037	220.00	90.00	0.00037
220.00	80.00	0.00037	220.00	70.00	0.00037
220.00	60.00	0.00036	220.00	50.00	0.00035
220.00	40.00	0.00034	220.00	30.00	0.00033
220.00	25.00	0.00033	220.00	20.00	0.00032
220.00	17.00	0.00031	220.00	15.00	0.00031
220.00	13.00	0.00030	220.00	11.00	0.00029
220.00	9.00	0.00029	220.00	-9.00	0.00023
220.00	-11.00	0.00023	220.00	-13.00	0.00022
220.00	-15.00	0.00021	220.00	-17.00	0.00021
220.00	-20.00	0.00020	220.00	-25.00	0.00019
220.00	-30.00	0.00018	220.00	-40.00	0.00017
220.00	-50.00	0.00016	220.00	-60.00	0.00015
220.00	-70.00	0.00015	220.00	-80.00	0.00015
220.00	-90.00	0.00015	220.00	-100.00	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

230.00	100.00	0.00032	230.00	90.00	0.00032
230.00	80.00	0.00032	230.00	70.00	0.00031
230.00	60.00	0.00031	230.00	50.00	0.00030
230.00	40.00	0.00029	230.00	30.00	0.00029
230.00	25.00	0.00028	230.00	20.00	0.00027
230.00	17.00	0.00027	230.00	15.00	0.00026
230.00	13.00	0.00026	230.00	11.00	0.00025
230.00	9.00	0.00025	230.00	-9.00	0.00020
230.00	-11.00	0.00020	230.00	-13.00	0.00019
230.00	-15.00	0.00019	230.00	-17.00	0.00018
230.00	-20.00	0.00018	230.00	-25.00	0.00017
230.00	-30.00	0.00016	230.00	-40.00	0.00015
230.00	-50.00	0.00014	230.00	-60.00	0.00013
230.00	-70.00	0.00013	230.00	-80.00	0.00013
230.00	-90.00	0.00013	230.00	-100.00	0.00013
240.00	100.00	0.00028	240.00	90.00	0.00028
240.00	80.00	0.00027	240.00	70.00	0.00027
240.00	60.00	0.00026	240.00	50.00	0.00026
240.00	40.00	0.00025	240.00	30.00	0.00025
240.00	25.00	0.00024	240.00	20.00	0.00024
240.00	17.00	0.00023	240.00	15.00	0.00023
240.00	13.00	0.00022	240.00	11.00	0.00022
240.00	9.00	0.00021	240.00	-9.00	0.00018
240.00	-11.00	0.00017	240.00	-13.00	0.00017
240.00	-15.00	0.00017	240.00	-17.00	0.00016
240.00	-20.00	0.00016	240.00	-25.00	0.00015
240.00	-30.00	0.00014	240.00	-40.00	0.00013
240.00	-50.00	0.00012	240.00	-60.00	0.00012
240.00	-70.00	0.00012	240.00	-80.00	0.00011
240.00	-90.00	0.00011	240.00	-100.00	0.00011
250.00	100.00	0.00024	250.00	90.00	0.00024
250.00	80.00	0.00024	250.00	70.00	0.00023
250.00	60.00	0.00023	250.00	50.00	0.00022
250.00	40.00	0.00022	250.00	30.00	0.00022
250.00	25.00	0.00021	250.00	20.00	0.00021
250.00	17.00	0.00020	250.00	15.00	0.00020
250.00	13.00	0.00019	250.00	11.00	0.00019
250.00	9.00	0.00019	250.00	-9.00	0.00016
250.00	-11.00	0.00016	250.00	-13.00	0.00015
250.00	-15.00	0.00015	250.00	-17.00	0.00015

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52
**MODELOPTs:
PAGE 62

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
250.00	-20.00	0.00014	250.00	-25.00	0.00013	
250.00	-30.00	0.00013	250.00	-40.00	0.00012	
250.00	-50.00	0.00011	250.00	-60.00	0.00011	
250.00	-70.00	0.00010	250.00	-80.00	0.00010	
250.00	-90.00	0.00010	250.00	-100.00	0.00010	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTS:
 PAGE 63
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-250.00	100.00	0.00011	-250.00	90.00	0.00012	
-250.00	80.00	0.00013	-250.00	70.00	0.00014	
-250.00	60.00	0.00015	-250.00	50.00	0.00016	
-250.00	40.00	0.00017	-250.00	30.00	0.00018	
-250.00	25.00	0.00018	-250.00	20.00	0.00019	
-250.00	17.00	0.00019	-250.00	15.00	0.00019	
-250.00	13.00	0.00020	-250.00	11.00	0.00020	
-250.00	9.00	0.00020	-250.00	-9.00	0.00022	
-250.00	-11.00	0.00022	-250.00	-13.00	0.00023	
-250.00	-15.00	0.00023	-250.00	-17.00	0.00023	
-250.00	-20.00	0.00023	-250.00	-25.00	0.00024	
-250.00	-30.00	0.00025	-250.00	-40.00	0.00027	
-250.00	-50.00	0.00028	-250.00	-60.00	0.00029	
-250.00	-70.00	0.00030	-250.00	-80.00	0.00030	
-250.00	-90.00	0.00030	-250.00	-100.00	0.00030	
-240.00	100.00	0.00011	-240.00	90.00	0.00012	
-240.00	80.00	0.00013	-240.00	70.00	0.00014	
-240.00	60.00	0.00016	-240.00	50.00	0.00017	
-240.00	40.00	0.00018	-240.00	30.00	0.00019	
-240.00	25.00	0.00020	-240.00	20.00	0.00020	
-240.00	17.00	0.00021	-240.00	15.00	0.00021	
-240.00	13.00	0.00021	-240.00	11.00	0.00021	
-240.00	9.00	0.00022	-240.00	-9.00	0.00024	

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-240.00	-11.00	0.00024	-240.00	-13.00	0.00024
-240.00	-15.00	0.00025	-240.00	-17.00	0.00025
-240.00	-20.00	0.00025	-240.00	-25.00	0.00026
-240.00	-30.00	0.00027	-240.00	-40.00	0.00029
-240.00	-50.00	0.00030	-240.00	-60.00	0.00031
-240.00	-70.00	0.00032	-240.00	-80.00	0.00032
-240.00	-90.00	0.00032	-240.00	-100.00	0.00032
-230.00	100.00	0.00012	-230.00	90.00	0.00013
-230.00	80.00	0.00014	-230.00	70.00	0.00015
-230.00	60.00	0.00016	-230.00	50.00	0.00018
-230.00	40.00	0.00019	-230.00	30.00	0.00021
-230.00	25.00	0.00021	-230.00	20.00	0.00022
-230.00	17.00	0.00022	-230.00	15.00	0.00023
-230.00	13.00	0.00023	-230.00	11.00	0.00023
-230.00	9.00	0.00023	-230.00	-9.00	0.00026
-230.00	-11.00	0.00026	-230.00	-13.00	0.00026
-230.00	-15.00	0.00027	-230.00	-17.00	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
 PAGE 64

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00028	-230.00	-25.00	0.00029
-230.00	-30.00	0.00030	-230.00	-40.00	0.00032
-230.00	-50.00	0.00033	-230.00	-60.00	0.00034
-230.00	-70.00	0.00035	-230.00	-80.00	0.00035
-230.00	-90.00	0.00035	-230.00	-100.00	0.00035
-220.00	100.00	0.00012	-220.00	90.00	0.00013
-220.00	80.00	0.00014	-220.00	70.00	0.00016
-220.00	60.00	0.00017	-220.00	50.00	0.00019
-220.00	40.00	0.00021	-220.00	30.00	0.00022
-220.00	25.00	0.00023	-220.00	20.00	0.00024
-220.00	17.00	0.00024	-220.00	15.00	0.00024
-220.00	13.00	0.00025	-220.00	11.00	0.00025
-220.00	9.00	0.00025	-220.00	-9.00	0.00028
-220.00	-11.00	0.00028	-220.00	-13.00	0.00029
-220.00	-15.00	0.00029	-220.00	-17.00	0.00030
-220.00	-20.00	0.00030	-220.00	-25.00	0.00031
-220.00	-30.00	0.00033	-220.00	-40.00	0.00035

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-220.00	-50.00	0.00036	-220.00	-60.00	0.00037
-220.00	-70.00	0.00038	-220.00	-80.00	0.00038
-220.00	-90.00	0.00038	-220.00	-100.00	0.00038
-210.00	100.00	0.00013	-210.00	90.00	0.00014
-210.00	80.00	0.00015	-210.00	70.00	0.00017
-210.00	60.00	0.00019	-210.00	50.00	0.00020
-210.00	40.00	0.00022	-210.00	30.00	0.00024
-210.00	25.00	0.00025	-210.00	20.00	0.00026
-210.00	17.00	0.00026	-210.00	15.00	0.00026
-210.00	13.00	0.00027	-210.00	11.00	0.00027
-210.00	9.00	0.00027	-210.00	-9.00	0.00031
-210.00	-11.00	0.00031	-210.00	-13.00	0.00032
-210.00	-15.00	0.00032	-210.00	-17.00	0.00033
-210.00	-20.00	0.00033	-210.00	-25.00	0.00035
-210.00	-30.00	0.00036	-210.00	-40.00	0.00038
-210.00	-50.00	0.00040	-210.00	-60.00	0.00041
-210.00	-70.00	0.00041	-210.00	-80.00	0.00041
-210.00	-90.00	0.00041	-210.00	-100.00	0.00041
-200.00	100.00	0.00013	-200.00	90.00	0.00014
-200.00	80.00	0.00016	-200.00	70.00	0.00018
-200.00	60.00	0.00020	-200.00	50.00	0.00022
-200.00	40.00	0.00024	-200.00	30.00	0.00026
-200.00	25.00	0.00027	-200.00	20.00	0.00028

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTS:
 PAGE 65

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00028	-200.00	15.00	0.00029
-200.00	13.00	0.00029	-200.00	11.00	0.00030
-200.00	9.00	0.00030	-200.00	-9.00	0.00034
-200.00	-11.00	0.00034	-200.00	-13.00	0.00035
-200.00	-15.00	0.00035	-200.00	-17.00	0.00036
-200.00	-20.00	0.00037	-200.00	-25.00	0.00038
-200.00	-30.00	0.00040	-200.00	-40.00	0.00042
-200.00	-50.00	0.00044	-200.00	-60.00	0.00045
-200.00	-70.00	0.00045	-200.00	-80.00	0.00045
-200.00	-90.00	0.00045	-200.00	-100.00	0.00044
-190.00	100.00	0.00014	-190.00	90.00	0.00015

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-190.00	80.00	0.00017	-190.00	70.00	0.00019
-190.00	60.00	0.00021	-190.00	50.00	0.00023
-190.00	40.00	0.00026	-190.00	30.00	0.00028
-190.00	25.00	0.00029	-190.00	20.00	0.00030
-190.00	17.00	0.00031	-190.00	15.00	0.00031
-190.00	13.00	0.00032	-190.00	11.00	0.00032
-190.00	9.00	0.00033	-190.00	-9.00	0.00037
-190.00	-11.00	0.00038	-190.00	-13.00	0.00039
-190.00	-15.00	0.00039	-190.00	-17.00	0.00040
-190.00	-20.00	0.00041	-190.00	-25.00	0.00043
-190.00	-30.00	0.00044	-190.00	-40.00	0.00047
-190.00	-50.00	0.00049	-190.00	-60.00	0.00050
-190.00	-70.00	0.00050	-190.00	-80.00	0.00049
-190.00	-90.00	0.00049	-190.00	-100.00	0.00048
-180.00	100.00	0.00015	-180.00	90.00	0.00016
-180.00	80.00	0.00018	-180.00	70.00	0.00020
-180.00	60.00	0.00022	-180.00	50.00	0.00025
-180.00	40.00	0.00028	-180.00	30.00	0.00030
-180.00	25.00	0.00032	-180.00	20.00	0.00033
-180.00	17.00	0.00034	-180.00	15.00	0.00035
-180.00	13.00	0.00035	-180.00	11.00	0.00036
-180.00	9.00	0.00036	-180.00	-9.00	0.00041
-180.00	-11.00	0.00042	-180.00	-13.00	0.00043
-180.00	-15.00	0.00044	-180.00	-17.00	0.00044
-180.00	-20.00	0.00046	-180.00	-25.00	0.00048
-180.00	-30.00	0.00049	-180.00	-40.00	0.00052
-180.00	-50.00	0.00054	-180.00	-60.00	0.00055
-180.00	-70.00	0.00055	-180.00	-80.00	0.00054
-180.00	-90.00	0.00053	-180.00	-100.00	0.00052

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTS:
 PAGE 66
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00016	-170.00	90.00	0.00017
-170.00	80.00	0.00019	-170.00	70.00	0.00021
-170.00	60.00	0.00024	-170.00	50.00	0.00027
-170.00	40.00	0.00030	-170.00	30.00	0.00033
-170.00	25.00	0.00035	-170.00	20.00	0.00037

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-170.00	17.00	0.00038	-170.00	15.00	0.00038
-170.00	13.00	0.00039	-170.00	11.00	0.00039
-170.00	9.00	0.00040	-170.00	-9.00	0.00046
-170.00	-11.00	0.00047	-170.00	-13.00	0.00048
-170.00	-15.00	0.00049	-170.00	-17.00	0.00050
-170.00	-20.00	0.00051	-170.00	-25.00	0.00054
-170.00	-30.00	0.00056	-170.00	-40.00	0.00059
-170.00	-50.00	0.00061	-170.00	-60.00	0.00061
-170.00	-70.00	0.00061	-170.00	-80.00	0.00060
-170.00	-90.00	0.00059	-170.00	-100.00	0.00057
-160.00	100.00	0.00017	-160.00	90.00	0.00018
-160.00	80.00	0.00020	-160.00	70.00	0.00022
-160.00	60.00	0.00025	-160.00	50.00	0.00029
-160.00	40.00	0.00032	-160.00	30.00	0.00036
-160.00	25.00	0.00038	-160.00	20.00	0.00040
-160.00	17.00	0.00041	-160.00	15.00	0.00042
-160.00	13.00	0.00043	-160.00	11.00	0.00044
-160.00	9.00	0.00044	-160.00	-9.00	0.00052
-160.00	-11.00	0.00053	-160.00	-13.00	0.00054
-160.00	-15.00	0.00055	-160.00	-17.00	0.00056
-160.00	-20.00	0.00058	-160.00	-25.00	0.00061
-160.00	-30.00	0.00063	-160.00	-40.00	0.00067
-160.00	-50.00	0.00068	-160.00	-60.00	0.00068
-160.00	-70.00	0.00068	-160.00	-80.00	0.00066
-160.00	-90.00	0.00065	-160.00	-100.00	0.00063
-150.00	100.00	0.00019	-150.00	90.00	0.00020
-150.00	80.00	0.00022	-150.00	70.00	0.00024
-150.00	60.00	0.00027	-150.00	50.00	0.00031
-150.00	40.00	0.00035	-150.00	30.00	0.00040
-150.00	25.00	0.00042	-150.00	20.00	0.00045
-150.00	17.00	0.00046	-150.00	15.00	0.00047
-150.00	13.00	0.00048	-150.00	11.00	0.00049
-150.00	9.00	0.00050	-150.00	-9.00	0.00059
-150.00	-11.00	0.00060	-150.00	-13.00	0.00062
-150.00	-15.00	0.00063	-150.00	-17.00	0.00064

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTS:
 PAGE 67

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00066	-150.00	-25.00	0.00070
-150.00	-30.00	0.00072	-150.00	-40.00	0.00076
-150.00	-50.00	0.00077	-150.00	-60.00	0.00077
-150.00	-70.00	0.00075	-150.00	-80.00	0.00074
-150.00	-90.00	0.00071	-150.00	-100.00	0.00069
-140.00	100.00	0.00021	-140.00	90.00	0.00022
-140.00	80.00	0.00023	-140.00	70.00	0.00026
-140.00	60.00	0.00029	-140.00	50.00	0.00033
-140.00	40.00	0.00038	-140.00	30.00	0.00044
-140.00	25.00	0.00047	-140.00	20.00	0.00050
-140.00	17.00	0.00052	-140.00	15.00	0.00053
-140.00	13.00	0.00054	-140.00	11.00	0.00055
-140.00	9.00	0.00056	-140.00	-9.00	0.00068
-140.00	-11.00	0.00069	-140.00	-13.00	0.00071
-140.00	-15.00	0.00072	-140.00	-17.00	0.00074
-140.00	-20.00	0.00077	-140.00	-25.00	0.00080
-140.00	-30.00	0.00083	-140.00	-40.00	0.00086
-140.00	-50.00	0.00087	-140.00	-60.00	0.00086
-140.00	-70.00	0.00085	-140.00	-80.00	0.00082
-140.00	-90.00	0.00079	-140.00	-100.00	0.00075
-130.00	100.00	0.00023	-130.00	90.00	0.00024
-130.00	80.00	0.00026	-130.00	70.00	0.00028
-130.00	60.00	0.00031	-130.00	50.00	0.00035
-130.00	40.00	0.00041	-130.00	30.00	0.00048
-130.00	25.00	0.00052	-130.00	20.00	0.00056
-130.00	17.00	0.00058	-130.00	15.00	0.00059
-130.00	13.00	0.00061	-130.00	11.00	0.00062
-130.00	9.00	0.00064	-130.00	-9.00	0.00078
-130.00	-11.00	0.00080	-130.00	-13.00	0.00082
-130.00	-15.00	0.00084	-130.00	-17.00	0.00086
-130.00	-20.00	0.00089	-130.00	-25.00	0.00093
-130.00	-30.00	0.00096	-130.00	-40.00	0.00099
-130.00	-50.00	0.00100	-130.00	-60.00	0.00098
-130.00	-70.00	0.00095	-130.00	-80.00	0.00092
-130.00	-90.00	0.00087	-130.00	-100.00	0.00083
-120.00	100.00	0.00026	-120.00	90.00	0.00027
-120.00	80.00	0.00029	-120.00	70.00	0.00031
-120.00	60.00	0.00034	-120.00	50.00	0.00038
-120.00	40.00	0.00045	-120.00	30.00	0.00053
-120.00	25.00	0.00058	-120.00	20.00	0.00063

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00065	-120.00	15.00	0.00067
-120.00	13.00	0.00069	-120.00	11.00	0.00071
-120.00	9.00	0.00073	-120.00	-9.00	0.00091
-120.00	-11.00	0.00094	-120.00	-13.00	0.00096
-120.00	-15.00	0.00099	-120.00	-17.00	0.00101
-120.00	-20.00	0.00105	-120.00	-25.00	0.00109
-120.00	-30.00	0.00113	-120.00	-40.00	0.00115
-120.00	-50.00	0.00114	-120.00	-60.00	0.00112
-120.00	-70.00	0.00108	-120.00	-80.00	0.00102
-120.00	-90.00	0.00096	-120.00	-100.00	0.00090
-110.00	100.00	0.00030	-110.00	90.00	0.00032
-110.00	80.00	0.00033	-110.00	70.00	0.00035
-110.00	60.00	0.00038	-110.00	50.00	0.00042
-110.00	40.00	0.00049	-110.00	30.00	0.00059
-110.00	25.00	0.00064	-110.00	20.00	0.00070
-110.00	17.00	0.00074	-110.00	15.00	0.00076
-110.00	13.00	0.00079	-110.00	11.00	0.00081
-110.00	9.00	0.00084	-110.00	-9.00	0.00108
-110.00	-11.00	0.00111	-110.00	-13.00	0.00115
-110.00	-15.00	0.00118	-110.00	-17.00	0.00121
-110.00	-20.00	0.00125	-110.00	-25.00	0.00130
-110.00	-30.00	0.00133	-110.00	-40.00	0.00134
-110.00	-50.00	0.00132	-110.00	-60.00	0.00128
-110.00	-70.00	0.00121	-110.00	-80.00	0.00114
-110.00	-90.00	0.00105	-110.00	-100.00	0.00097
-100.00	100.00	0.00036	-100.00	90.00	0.00037
-100.00	80.00	0.00038	-100.00	70.00	0.00040
-100.00	60.00	0.00043	-100.00	50.00	0.00047
-100.00	40.00	0.00054	-100.00	30.00	0.00065
-100.00	25.00	0.00072	-100.00	20.00	0.00079
-100.00	17.00	0.00084	-100.00	15.00	0.00087
-100.00	13.00	0.00090	-100.00	11.00	0.00093
-100.00	9.00	0.00097	-100.00	-9.00	0.00129
-100.00	-11.00	0.00134	-100.00	-13.00	0.00138
-100.00	-15.00	0.00142	-100.00	-17.00	0.00146
-100.00	-20.00	0.00150	-100.00	-25.00	0.00155
-100.00	-30.00	0.00158	-100.00	-40.00	0.00158

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-100.00	-50.00	0.00153	-100.00	-60.00	0.00146
-100.00	-70.00	0.00136	-100.00	-80.00	0.00125
-100.00	-90.00	0.00114	-100.00	-100.00	0.00104

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

PAGE 69

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00043	-90.00	90.00	0.00044
-90.00	80.00	0.00046	-90.00	70.00	0.00047
-90.00	60.00	0.00050	-90.00	50.00	0.00054
-90.00	40.00	0.00060	-90.00	30.00	0.00071
-90.00	25.00	0.00079	-90.00	20.00	0.00089
-90.00	17.00	0.00095	-90.00	15.00	0.00099
-90.00	13.00	0.00104	-90.00	11.00	0.00108
-90.00	9.00	0.00112	-90.00	-9.00	0.00158
-90.00	-11.00	0.00164	-90.00	-13.00	0.00169
-90.00	-15.00	0.00174	-90.00	-17.00	0.00178
-90.00	-20.00	0.00182	-90.00	-25.00	0.00187
-90.00	-30.00	0.00189	-90.00	-40.00	0.00186
-90.00	-50.00	0.00178	-90.00	-60.00	0.00166
-90.00	-70.00	0.00151	-90.00	-80.00	0.00137
-90.00	-90.00	0.00123	-90.00	-100.00	0.00111
-80.00	100.00	0.00053	-80.00	90.00	0.00055
-80.00	80.00	0.00057	-80.00	70.00	0.00059
-80.00	60.00	0.00061	-80.00	50.00	0.00064
-80.00	40.00	0.00069	-80.00	30.00	0.00080
-80.00	25.00	0.00088	-80.00	20.00	0.00099
-80.00	17.00	0.00107	-80.00	15.00	0.00113
-80.00	13.00	0.00119	-80.00	11.00	0.00125
-80.00	9.00	0.00131	-80.00	-9.00	0.00195
-80.00	-11.00	0.00203	-80.00	-13.00	0.00209
-80.00	-15.00	0.00215	-80.00	-17.00	0.00219
-80.00	-20.00	0.00224	-80.00	-25.00	0.00227
-80.00	-30.00	0.00228	-80.00	-40.00	0.00220
-80.00	-50.00	0.00204	-80.00	-60.00	0.00185
-80.00	-70.00	0.00166	-80.00	-80.00	0.00149
-80.00	-90.00	0.00133	-80.00	-100.00	0.00118
-70.00	100.00	0.00067	-70.00	90.00	0.00070

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-70.00	80.00	0.00073	-70.00	70.00	0.00076
-70.00	60.00	0.00078	-70.00	50.00	0.00081
-70.00	40.00	0.00085	-70.00	30.00	0.00093
-70.00	25.00	0.00101	-70.00	20.00	0.00111
-70.00	17.00	0.00120	-70.00	15.00	0.00127
-70.00	13.00	0.00134	-70.00	11.00	0.00142
-70.00	9.00	0.00151	-70.00	-9.00	0.00246
-70.00	-11.00	0.00255	-70.00	-13.00	0.00263
-70.00	-15.00	0.00268	-70.00	-17.00	0.00272

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

PAGE 70

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00276	-70.00	-25.00	0.00278
-70.00	-30.00	0.00274	-70.00	-40.00	0.00255
-70.00	-50.00	0.00231	-70.00	-60.00	0.00206
-70.00	-70.00	0.00182	-70.00	-80.00	0.00161
-70.00	-90.00	0.00142	-70.00	-100.00	0.00125
-60.00	100.00	0.00085	-60.00	90.00	0.00091
-60.00	80.00	0.00097	-60.00	70.00	0.00103
-60.00	60.00	0.00109	-60.00	50.00	0.00113
-60.00	40.00	0.00117	-60.00	30.00	0.00121
-60.00	25.00	0.00125	-60.00	20.00	0.00131
-60.00	17.00	0.00138	-60.00	15.00	0.00145
-60.00	13.00	0.00153	-60.00	11.00	0.00162
-60.00	9.00	0.00173	-60.00	-9.00	0.00318
-60.00	-11.00	0.00327	-60.00	-13.00	0.00334
-60.00	-15.00	0.00338	-60.00	-17.00	0.00340
-60.00	-20.00	0.00340	-60.00	-25.00	0.00334
-60.00	-30.00	0.00322	-60.00	-40.00	0.00292
-60.00	-50.00	0.00259	-60.00	-60.00	0.00227
-60.00	-70.00	0.00198	-60.00	-80.00	0.00172
-60.00	-90.00	0.00150	-60.00	-100.00	0.00131
-50.00	100.00	0.00107	-50.00	90.00	0.00117
-50.00	80.00	0.00128	-50.00	70.00	0.00141
-50.00	60.00	0.00154	-50.00	50.00	0.00168
-50.00	40.00	0.00182	-50.00	30.00	0.00194
-50.00	25.00	0.00198	-50.00	20.00	0.00201

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-50.00	17.00	0.00202	-50.00	15.00	0.00203
-50.00	13.00	0.00204	-50.00	11.00	0.00208
-50.00	9.00	0.00215	-50.00	-9.00	0.00426
-50.00	-11.00	0.00427	-50.00	-13.00	0.00425
-50.00	-15.00	0.00422	-50.00	-17.00	0.00418
-50.00	-20.00	0.00410	-50.00	-25.00	0.00392
-50.00	-30.00	0.00372	-50.00	-40.00	0.00329
-50.00	-50.00	0.00285	-50.00	-60.00	0.00245
-50.00	-70.00	0.00211	-50.00	-80.00	0.00181
-50.00	-90.00	0.00156	-50.00	-100.00	0.00135
-40.00	100.00	0.00128	-40.00	90.00	0.00142
-40.00	80.00	0.00159	-40.00	70.00	0.00180
-40.00	60.00	0.00203	-40.00	50.00	0.00231
-40.00	40.00	0.00264	-40.00	30.00	0.00303
-40.00	25.00	0.00325	-40.00	20.00	0.00351

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 71
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00367	-40.00	15.00	0.00379
-40.00	13.00	0.00393	-40.00	11.00	0.00409
-40.00	9.00	0.00431	-40.00	-9.00	0.00533
-40.00	-11.00	0.00519	-40.00	-13.00	0.00506
-40.00	-15.00	0.00494	-40.00	-17.00	0.00483
-40.00	-20.00	0.00466	-40.00	-25.00	0.00438
-40.00	-30.00	0.00410	-40.00	-40.00	0.00354
-40.00	-50.00	0.00302	-40.00	-60.00	0.00257
-40.00	-70.00	0.00218	-40.00	-80.00	0.00185
-40.00	-90.00	0.00158	-40.00	-100.00	0.00136
-30.00	100.00	0.00146	-30.00	90.00	0.00164
-30.00	80.00	0.00186	-30.00	70.00	0.00212
-30.00	60.00	0.00243	-30.00	50.00	0.00280
-30.00	40.00	0.00324	-30.00	30.00	0.00377
-30.00	25.00	0.00407	-30.00	20.00	0.00442
-30.00	17.00	0.00464	-30.00	15.00	0.00479
-30.00	13.00	0.00494	-30.00	11.00	0.00510
-30.00	9.00	0.00528	-30.00	-9.00	0.00549
-30.00	-11.00	0.00534	-30.00	-13.00	0.00521

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-30.00	-15.00	0.00510	-30.00	-17.00	0.00499
-30.00	-20.00	0.00482	-30.00	-25.00	0.00452
-30.00	-30.00	0.00422	-30.00	-40.00	0.00362
-30.00	-50.00	0.00307	-30.00	-60.00	0.00258
-30.00	-70.00	0.00217	-30.00	-80.00	0.00183
-30.00	-90.00	0.00156	-30.00	-100.00	0.00134
-20.00	100.00	0.00160	-20.00	90.00	0.00181
-20.00	80.00	0.00206	-20.00	70.00	0.00236
-20.00	60.00	0.00271	-20.00	50.00	0.00314
-20.00	40.00	0.00364	-20.00	30.00	0.00424
-20.00	25.00	0.00457	-20.00	20.00	0.00491
-20.00	17.00	0.00512	-20.00	15.00	0.00525
-20.00	13.00	0.00537	-20.00	11.00	0.00550
-20.00	9.00	0.00565	-20.00	-9.00	0.00546
-20.00	-11.00	0.00529	-20.00	-13.00	0.00516
-20.00	-15.00	0.00504	-20.00	-17.00	0.00492
-20.00	-20.00	0.00474	-20.00	-25.00	0.00445
-20.00	-30.00	0.00415	-20.00	-40.00	0.00356
-20.00	-50.00	0.00300	-20.00	-60.00	0.00251
-20.00	-70.00	0.00210	-20.00	-80.00	0.00177
-20.00	-90.00	0.00151	-20.00	-100.00	0.00130

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 72
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00169	-10.00	90.00	0.00192
-10.00	80.00	0.00219	-10.00	70.00	0.00252
-10.00	60.00	0.00291	-10.00	50.00	0.00338
-10.00	40.00	0.00392	-10.00	30.00	0.00452
-10.00	25.00	0.00484	-10.00	20.00	0.00515
-10.00	17.00	0.00533	-10.00	15.00	0.00544
-10.00	13.00	0.00555	-10.00	11.00	0.00565
-10.00	9.00	0.00577	-10.00	-9.00	0.00532
-10.00	-11.00	0.00514	-10.00	-13.00	0.00499
-10.00	-15.00	0.00485	-10.00	-17.00	0.00473
-10.00	-20.00	0.00455	-10.00	-25.00	0.00425
-10.00	-30.00	0.00396	-10.00	-40.00	0.00337
-10.00	-50.00	0.00283	-10.00	-60.00	0.00237

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-10.00	-70.00	0.00199	-10.00	-80.00	0.00168
-10.00	-90.00	0.00144	-10.00	-100.00	0.00124
0.00	100.00	0.00174	0.00	90.00	0.00198
0.00	80.00	0.00227	0.00	70.00	0.00262
0.00	60.00	0.00303	0.00	50.00	0.00352
0.00	40.00	0.00407	0.00	30.00	0.00467
0.00	25.00	0.00497	0.00	20.00	0.00525
0.00	17.00	0.00540	0.00	15.00	0.00549
0.00	13.00	0.00558	0.00	11.00	0.00567
0.00	9.00	0.00577	0.00	-9.00	0.00509
0.00	-11.00	0.00488	0.00	-13.00	0.00471
0.00	-15.00	0.00456	0.00	-17.00	0.00443
0.00	-20.00	0.00424	0.00	-25.00	0.00394
0.00	-30.00	0.00365	0.00	-40.00	0.00309
0.00	-50.00	0.00259	0.00	-60.00	0.00217
0.00	-70.00	0.00183	0.00	-80.00	0.00156
0.00	-90.00	0.00133	0.00	-100.00	0.00115
10.00	100.00	0.00173	10.00	90.00	0.00198
10.00	80.00	0.00228	10.00	70.00	0.00264
10.00	60.00	0.00307	10.00	50.00	0.00357
10.00	40.00	0.00413	10.00	30.00	0.00471
10.00	25.00	0.00500	10.00	20.00	0.00525
10.00	17.00	0.00538	10.00	15.00	0.00546
10.00	13.00	0.00553	10.00	11.00	0.00559
10.00	9.00	0.00566	10.00	-9.00	0.00472
10.00	-11.00	0.00449	10.00	-13.00	0.00431
10.00	-15.00	0.00415	10.00	-17.00	0.00400

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 73
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00381	10.00	-25.00	0.00351
10.00	-30.00	0.00323	10.00	-40.00	0.00272
10.00	-50.00	0.00229	10.00	-60.00	0.00194
10.00	-70.00	0.00165	10.00	-80.00	0.00141
10.00	-90.00	0.00121	10.00	-100.00	0.00104
20.00	100.00	0.00167	20.00	90.00	0.00192
20.00	80.00	0.00222	20.00	70.00	0.00258

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

20.00	60.00	0.00300	20.00	50.00	0.00350
20.00	40.00	0.00406	20.00	30.00	0.00466
20.00	25.00	0.00494	20.00	20.00	0.00519
20.00	17.00	0.00531	20.00	15.00	0.00537
20.00	13.00	0.00542	20.00	11.00	0.00545
20.00	9.00	0.00550	20.00	-9.00	0.00420
20.00	-11.00	0.00395	20.00	-13.00	0.00375
20.00	-15.00	0.00358	20.00	-17.00	0.00344
20.00	-20.00	0.00324	20.00	-25.00	0.00296
20.00	-30.00	0.00271	20.00	-40.00	0.00230
20.00	-50.00	0.00196	20.00	-60.00	0.00167
20.00	-70.00	0.00143	20.00	-80.00	0.00123
20.00	-90.00	0.00106	20.00	-100.00	0.00092
30.00	100.00	0.00155	30.00	90.00	0.00178
30.00	80.00	0.00205	30.00	70.00	0.00238
30.00	60.00	0.00277	30.00	50.00	0.00324
30.00	40.00	0.00380	30.00	30.00	0.00442
30.00	25.00	0.00474	30.00	20.00	0.00502
30.00	17.00	0.00515	30.00	15.00	0.00521
30.00	13.00	0.00525	30.00	11.00	0.00527
30.00	9.00	0.00528	30.00	-9.00	0.00345
30.00	-11.00	0.00318	30.00	-13.00	0.00298
30.00	-15.00	0.00282	30.00	-17.00	0.00269
30.00	-20.00	0.00253	30.00	-25.00	0.00232
30.00	-30.00	0.00214	30.00	-40.00	0.00184
30.00	-50.00	0.00159	30.00	-60.00	0.00137
30.00	-70.00	0.00118	30.00	-80.00	0.00103
30.00	-90.00	0.00090	30.00	-100.00	0.00080
40.00	100.00	0.00139	40.00	90.00	0.00157
40.00	80.00	0.00179	40.00	70.00	0.00205
40.00	60.00	0.00236	40.00	50.00	0.00273
40.00	40.00	0.00317	40.00	30.00	0.00370
40.00	25.00	0.00400	40.00	20.00	0.00432

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00450	40.00	15.00	0.00461

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

40.00	13.00	0.00471	40.00	11.00	0.00479
40.00	9.00	0.00485	40.00	-9.00	0.00229
40.00	-11.00	0.00211	40.00	-13.00	0.00198
40.00	-15.00	0.00189	40.00	-17.00	0.00182
40.00	-20.00	0.00173	40.00	-25.00	0.00162
40.00	-30.00	0.00152	40.00	-40.00	0.00135
40.00	-50.00	0.00120	40.00	-60.00	0.00107
40.00	-70.00	0.00094	40.00	-80.00	0.00084
40.00	-90.00	0.00075	40.00	-100.00	0.00067
50.00	100.00	0.00120	50.00	90.00	0.00135
50.00	80.00	0.00151	50.00	70.00	0.00169
50.00	60.00	0.00190	50.00	50.00	0.00212
50.00	40.00	0.00236	50.00	30.00	0.00260
50.00	25.00	0.00271	50.00	20.00	0.00279
50.00	17.00	0.00281	50.00	15.00	0.00280
50.00	13.00	0.00278	50.00	11.00	0.00272
50.00	9.00	0.00262	50.00	-9.00	0.00111
50.00	-11.00	0.00108	50.00	-13.00	0.00106
50.00	-15.00	0.00104	50.00	-17.00	0.00103
50.00	-20.00	0.00102	50.00	-25.00	0.00101
50.00	-30.00	0.00099	50.00	-40.00	0.00094
50.00	-50.00	0.00088	50.00	-60.00	0.00081
50.00	-70.00	0.00074	50.00	-80.00	0.00067
50.00	-90.00	0.00061	50.00	-100.00	0.00056
60.00	100.00	0.00103	60.00	90.00	0.00114
60.00	80.00	0.00125	60.00	70.00	0.00137
60.00	60.00	0.00150	60.00	50.00	0.00163
60.00	40.00	0.00175	60.00	30.00	0.00183
60.00	25.00	0.00184	60.00	20.00	0.00182
60.00	17.00	0.00178	60.00	15.00	0.00174
60.00	13.00	0.00169	60.00	11.00	0.00164
60.00	9.00	0.00157	60.00	-9.00	0.00081
60.00	-11.00	0.00077	60.00	-13.00	0.00074
60.00	-15.00	0.00072	60.00	-17.00	0.00070
60.00	-20.00	0.00069	60.00	-25.00	0.00068
60.00	-30.00	0.00068	60.00	-40.00	0.00067
60.00	-50.00	0.00065	60.00	-60.00	0.00062
60.00	-70.00	0.00058	60.00	-80.00	0.00054
60.00	-90.00	0.00050	60.00	-100.00	0.00046

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
70.00	100.00	0.00089	70.00	90.00	0.00096	
70.00	80.00	0.00104	70.00	70.00	0.00112	
70.00	60.00	0.00120	70.00	50.00	0.00128	
70.00	40.00	0.00132	70.00	30.00	0.00131	
70.00	25.00	0.00129	70.00	20.00	0.00125	
70.00	17.00	0.00121	70.00	15.00	0.00118	
70.00	13.00	0.00115	70.00	11.00	0.00112	
70.00	9.00	0.00108	70.00	-9.00	0.00065	
70.00	-11.00	0.00061	70.00	-13.00	0.00059	
70.00	-15.00	0.00056	70.00	-17.00	0.00055	
70.00	-20.00	0.00053	70.00	-25.00	0.00051	
70.00	-30.00	0.00050	70.00	-40.00	0.00050	
70.00	-50.00	0.00049	70.00	-60.00	0.00048	
70.00	-70.00	0.00046	70.00	-80.00	0.00044	
70.00	-90.00	0.00041	70.00	-100.00	0.00039	
80.00	100.00	0.00076	80.00	90.00	0.00082	
80.00	80.00	0.00087	80.00	70.00	0.00093	
80.00	60.00	0.00097	80.00	50.00	0.00100	
80.00	40.00	0.00100	80.00	30.00	0.00097	
80.00	25.00	0.00094	80.00	20.00	0.00091	
80.00	17.00	0.00089	80.00	15.00	0.00087	
80.00	13.00	0.00085	80.00	11.00	0.00083	
80.00	9.00	0.00080	80.00	-9.00	0.00053	
80.00	-11.00	0.00050	80.00	-13.00	0.00048	
80.00	-15.00	0.00046	80.00	-17.00	0.00045	
80.00	-20.00	0.00043	80.00	-25.00	0.00041	
80.00	-30.00	0.00040	80.00	-40.00	0.00038	
80.00	-50.00	0.00038	80.00	-60.00	0.00037	
80.00	-70.00	0.00036	80.00	-80.00	0.00035	
80.00	-90.00	0.00034	80.00	-100.00	0.00032	
90.00	100.00	0.00066	90.00	90.00	0.00070	
90.00	80.00	0.00073	90.00	70.00	0.00076	
90.00	60.00	0.00078	90.00	50.00	0.00078	
90.00	40.00	0.00077	90.00	30.00	0.00074	
90.00	25.00	0.00072	90.00	20.00	0.00070	
90.00	17.00	0.00068	90.00	15.00	0.00067	
90.00	13.00	0.00066	90.00	11.00	0.00064	
90.00	9.00	0.00062	90.00	-9.00	0.00044	
90.00	-11.00	0.00042	90.00	-13.00	0.00040	

90.00 -15.00 0.00039 90.00 -17.00 0.00038

1 *** ISCST3 - VERSION 02035 *** 04/20/08
 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00036	90.00	-25.00	0.00034
90.00	-30.00	0.00033	90.00	-40.00	0.00031
90.00	-50.00	0.00030	90.00	-60.00	0.00030
90.00	-70.00	0.00029	90.00	-80.00	0.00029
90.00	-90.00	0.00028	90.00	-100.00	0.00027
100.00	100.00	0.00057	100.00	90.00	0.00060
100.00	80.00	0.00062	100.00	70.00	0.00063
100.00	60.00	0.00063	100.00	50.00	0.00062
100.00	40.00	0.00061	100.00	30.00	0.00058
100.00	25.00	0.00057	100.00	20.00	0.00056
100.00	17.00	0.00054	100.00	15.00	0.00054
100.00	13.00	0.00052	100.00	11.00	0.00051
100.00	9.00	0.00050	100.00	-9.00	0.00037
100.00	-11.00	0.00035	100.00	-13.00	0.00034
100.00	-15.00	0.00033	100.00	-17.00	0.00032
100.00	-20.00	0.00031	100.00	-25.00	0.00029
100.00	-30.00	0.00027	100.00	-40.00	0.00026
100.00	-50.00	0.00025	100.00	-60.00	0.00025
100.00	-70.00	0.00024	100.00	-80.00	0.00024
100.00	-90.00	0.00023	100.00	-100.00	0.00023
110.00	100.00	0.00049	110.00	90.00	0.00051
110.00	80.00	0.00052	110.00	70.00	0.00052
110.00	60.00	0.00052	110.00	50.00	0.00051
110.00	40.00	0.00049	110.00	30.00	0.00047
110.00	25.00	0.00046	110.00	20.00	0.00045
110.00	17.00	0.00044	110.00	15.00	0.00044
110.00	13.00	0.00043	110.00	11.00	0.00042
110.00	9.00	0.00041	110.00	-9.00	0.00031
110.00	-11.00	0.00030	110.00	-13.00	0.00029
110.00	-15.00	0.00028	110.00	-17.00	0.00027
110.00	-20.00	0.00026	110.00	-25.00	0.00025
110.00	-30.00	0.00024	110.00	-40.00	0.00022
110.00	-50.00	0.00021	110.00	-60.00	0.00021

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

110.00	-70.00	0.00020	110.00	-80.00	0.00020
110.00	-90.00	0.00020	110.00	-100.00	0.00019
120.00	100.00	0.00043	120.00	90.00	0.00043
120.00	80.00	0.00044	120.00	70.00	0.00043
120.00	60.00	0.00043	120.00	50.00	0.00042
120.00	40.00	0.00040	120.00	30.00	0.00039
120.00	25.00	0.00039	120.00	20.00	0.00038

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00037	120.00	15.00	0.00036
120.00	13.00	0.00036	120.00	11.00	0.00035
120.00	9.00	0.00034	120.00	-9.00	0.00027
120.00	-11.00	0.00026	120.00	-13.00	0.00025
120.00	-15.00	0.00024	120.00	-17.00	0.00024
120.00	-20.00	0.00023	120.00	-25.00	0.00022
120.00	-30.00	0.00020	120.00	-40.00	0.00019
120.00	-50.00	0.00018	120.00	-60.00	0.00018
120.00	-70.00	0.00017	120.00	-80.00	0.00017
120.00	-90.00	0.00017	120.00	-100.00	0.00017
130.00	100.00	0.00037	130.00	90.00	0.00037
130.00	80.00	0.00037	130.00	70.00	0.00037
130.00	60.00	0.00036	130.00	50.00	0.00035
130.00	40.00	0.00034	130.00	30.00	0.00033
130.00	25.00	0.00033	130.00	20.00	0.00032
130.00	17.00	0.00031	130.00	15.00	0.00031
130.00	13.00	0.00030	130.00	11.00	0.00029
130.00	9.00	0.00029	130.00	-9.00	0.00023
130.00	-11.00	0.00023	130.00	-13.00	0.00022
130.00	-15.00	0.00021	130.00	-17.00	0.00021
130.00	-20.00	0.00020	130.00	-25.00	0.00019
130.00	-30.00	0.00018	130.00	-40.00	0.00017
130.00	-50.00	0.00016	130.00	-60.00	0.00015
130.00	-70.00	0.00015	130.00	-80.00	0.00015
130.00	-90.00	0.00015	130.00	-100.00	0.00014
140.00	100.00	0.00032	140.00	90.00	0.00032
140.00	80.00	0.00032	140.00	70.00	0.00031

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

140.00	60.00	0.00031	140.00	50.00	0.00030
140.00	40.00	0.00029	140.00	30.00	0.00029
140.00	25.00	0.00028	140.00	20.00	0.00027
140.00	17.00	0.00027	140.00	15.00	0.00026
140.00	13.00	0.00026	140.00	11.00	0.00025
140.00	9.00	0.00025	140.00	-9.00	0.00020
140.00	-11.00	0.00020	140.00	-13.00	0.00019
140.00	-15.00	0.00019	140.00	-17.00	0.00018
140.00	-20.00	0.00018	140.00	-25.00	0.00017
140.00	-30.00	0.00016	140.00	-40.00	0.00015
140.00	-50.00	0.00014	140.00	-60.00	0.00013
140.00	-70.00	0.00013	140.00	-80.00	0.00013
140.00	-90.00	0.00013	140.00	-100.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00028	150.00	90.00	0.00028
150.00	80.00	0.00027	150.00	70.00	0.00027
150.00	60.00	0.00026	150.00	50.00	0.00026
150.00	40.00	0.00025	150.00	30.00	0.00025
150.00	25.00	0.00024	150.00	20.00	0.00024
150.00	17.00	0.00023	150.00	15.00	0.00023
150.00	13.00	0.00022	150.00	11.00	0.00022
150.00	9.00	0.00021	150.00	-9.00	0.00018
150.00	-11.00	0.00017	150.00	-13.00	0.00017
150.00	-15.00	0.00017	150.00	-17.00	0.00016
150.00	-20.00	0.00016	150.00	-25.00	0.00015
150.00	-30.00	0.00014	150.00	-40.00	0.00013
150.00	-50.00	0.00012	150.00	-60.00	0.00012
150.00	-70.00	0.00012	150.00	-80.00	0.00011
150.00	-90.00	0.00011	150.00	-100.00	0.00011
160.00	100.00	0.00024	160.00	90.00	0.00024
160.00	80.00	0.00024	160.00	70.00	0.00023
160.00	60.00	0.00023	160.00	50.00	0.00022
160.00	40.00	0.00022	160.00	30.00	0.00022
160.00	25.00	0.00021	160.00	20.00	0.00021
160.00	17.00	0.00020	160.00	15.00	0.00020

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

160.00	13.00	0.00019	160.00	11.00	0.00019
160.00	9.00	0.00019	160.00	-9.00	0.00016
160.00	-11.00	0.00016	160.00	-13.00	0.00015
160.00	-15.00	0.00015	160.00	-17.00	0.00015
160.00	-20.00	0.00014	160.00	-25.00	0.00013
160.00	-30.00	0.00013	160.00	-40.00	0.00012
160.00	-50.00	0.00011	160.00	-60.00	0.00011
160.00	-70.00	0.00010	160.00	-80.00	0.00010
160.00	-90.00	0.00010	160.00	-100.00	0.00010
170.00	100.00	0.00022	170.00	90.00	0.00021
170.00	80.00	0.00021	170.00	70.00	0.00020
170.00	60.00	0.00020	170.00	50.00	0.00020
170.00	40.00	0.00020	170.00	30.00	0.00019
170.00	25.00	0.00019	170.00	20.00	0.00018
170.00	17.00	0.00018	170.00	15.00	0.00017
170.00	13.00	0.00017	170.00	11.00	0.00017
170.00	9.00	0.00017	170.00	-9.00	0.00014
170.00	-11.00	0.00014	170.00	-13.00	0.00014
170.00	-15.00	0.00013	170.00	-17.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00013	170.00	-25.00	0.00012
170.00	-30.00	0.00012	170.00	-40.00	0.00011
170.00	-50.00	0.00010	170.00	-60.00	0.00010
170.00	-70.00	0.00009	170.00	-80.00	0.00009
170.00	-90.00	0.00009	170.00	-100.00	0.00009
180.00	100.00	0.00019	180.00	90.00	0.00019
180.00	80.00	0.00019	180.00	70.00	0.00018
180.00	60.00	0.00018	180.00	50.00	0.00018
180.00	40.00	0.00018	180.00	30.00	0.00017
180.00	25.00	0.00017	180.00	20.00	0.00016
180.00	17.00	0.00016	180.00	15.00	0.00015
180.00	13.00	0.00015	180.00	11.00	0.00015
180.00	9.00	0.00015	180.00	-9.00	0.00013
180.00	-11.00	0.00013	180.00	-13.00	0.00012
180.00	-15.00	0.00012	180.00	-17.00	0.00012

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

180.00	-20.00	0.00012	180.00	-25.00	0.00011
180.00	-30.00	0.00011	180.00	-40.00	0.00010
180.00	-50.00	0.00009	180.00	-60.00	0.00009
180.00	-70.00	0.00009	180.00	-80.00	0.00008
180.00	-90.00	0.00008	180.00	-100.00	0.00008
190.00	100.00	0.00017	190.00	90.00	0.00017
190.00	80.00	0.00016	190.00	70.00	0.00016
190.00	60.00	0.00016	190.00	50.00	0.00016
190.00	40.00	0.00016	190.00	30.00	0.00015
190.00	25.00	0.00015	190.00	20.00	0.00014
190.00	17.00	0.00014	190.00	15.00	0.00014
190.00	13.00	0.00014	190.00	11.00	0.00013
190.00	9.00	0.00013	190.00	-9.00	0.00012
190.00	-11.00	0.00011	190.00	-13.00	0.00011
190.00	-15.00	0.00011	190.00	-17.00	0.00011
190.00	-20.00	0.00011	190.00	-25.00	0.00010
190.00	-30.00	0.00010	190.00	-40.00	0.00009
190.00	-50.00	0.00008	190.00	-60.00	0.00008
190.00	-70.00	0.00008	190.00	-80.00	0.00008
190.00	-90.00	0.00007	190.00	-100.00	0.00007
200.00	100.00	0.00015	200.00	90.00	0.00015
200.00	80.00	0.00015	200.00	70.00	0.00015
200.00	60.00	0.00014	200.00	50.00	0.00014
200.00	40.00	0.00014	200.00	30.00	0.00014
200.00	25.00	0.00013	200.00	20.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00013	200.00	15.00	0.00012
200.00	13.00	0.00012	200.00	11.00	0.00012
200.00	9.00	0.00012	200.00	-9.00	0.00011
200.00	-11.00	0.00010	200.00	-13.00	0.00010
200.00	-15.00	0.00010	200.00	-17.00	0.00010
200.00	-20.00	0.00010	200.00	-25.00	0.00009
200.00	-30.00	0.00009	200.00	-40.00	0.00008
200.00	-50.00	0.00008	200.00	-60.00	0.00007
200.00	-70.00	0.00007	200.00	-80.00	0.00007

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

200.00	-90.00	0.00007	200.00	-100.00	0.00007
210.00	100.00	0.00014	210.00	90.00	0.00014
210.00	80.00	0.00013	210.00	70.00	0.00013
210.00	60.00	0.00013	210.00	50.00	0.00013
210.00	40.00	0.00013	210.00	30.00	0.00012
210.00	25.00	0.00012	210.00	20.00	0.00012
210.00	17.00	0.00011	210.00	15.00	0.00011
210.00	13.00	0.00011	210.00	11.00	0.00011
210.00	9.00	0.00011	210.00	-9.00	0.00010
210.00	-11.00	0.00009	210.00	-13.00	0.00009
210.00	-15.00	0.00009	210.00	-17.00	0.00009
210.00	-20.00	0.00009	210.00	-25.00	0.00008
210.00	-30.00	0.00008	210.00	-40.00	0.00008
210.00	-50.00	0.00007	210.00	-60.00	0.00007
210.00	-70.00	0.00007	210.00	-80.00	0.00006
210.00	-90.00	0.00006	210.00	-100.00	0.00006
220.00	100.00	0.00012	220.00	90.00	0.00012
220.00	80.00	0.00012	220.00	70.00	0.00012
220.00	60.00	0.00012	220.00	50.00	0.00012
220.00	40.00	0.00012	220.00	30.00	0.00011
220.00	25.00	0.00011	220.00	20.00	0.00011
220.00	17.00	0.00010	220.00	15.00	0.00010
220.00	13.00	0.00010	220.00	11.00	0.00010
220.00	9.00	0.00010	220.00	-9.00	0.00009
220.00	-11.00	0.00009	220.00	-13.00	0.00009
220.00	-15.00	0.00008	220.00	-17.00	0.00008
220.00	-20.00	0.00008	220.00	-25.00	0.00008
220.00	-30.00	0.00008	220.00	-40.00	0.00007
220.00	-50.00	0.00007	220.00	-60.00	0.00006
220.00	-70.00	0.00006	220.00	-80.00	0.00006
220.00	-90.00	0.00006	220.00	-100.00	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00011	230.00	90.00	0.00011
230.00	80.00	0.00011	230.00	70.00	0.00011
230.00	60.00	0.00011	230.00	50.00	0.00011

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

230.00	40.00	0.00011	230.00	30.00	0.00010
230.00	25.00	0.00010	230.00	20.00	0.00010
230.00	17.00	0.00009	230.00	15.00	0.00009
230.00	13.00	0.00009	230.00	11.00	0.00009
230.00	9.00	0.00009	230.00	-9.00	0.00008
230.00	-11.00	0.00008	230.00	-13.00	0.00008
230.00	-15.00	0.00008	230.00	-17.00	0.00008
230.00	-20.00	0.00008	230.00	-25.00	0.00007
230.00	-30.00	0.00007	230.00	-40.00	0.00007
230.00	-50.00	0.00006	230.00	-60.00	0.00006
230.00	-70.00	0.00006	230.00	-80.00	0.00005
230.00	-90.00	0.00005	230.00	-100.00	0.00005
240.00	100.00	0.00010	240.00	90.00	0.00010
240.00	80.00	0.00010	240.00	70.00	0.00010
240.00	60.00	0.00010	240.00	50.00	0.00010
240.00	40.00	0.00010	240.00	30.00	0.00009
240.00	25.00	0.00009	240.00	20.00	0.00009
240.00	17.00	0.00009	240.00	15.00	0.00009
240.00	13.00	0.00009	240.00	11.00	0.00008
240.00	9.00	0.00008	240.00	-9.00	0.00007
240.00	-11.00	0.00007	240.00	-13.00	0.00007
240.00	-15.00	0.00007	240.00	-17.00	0.00007
240.00	-20.00	0.00007	240.00	-25.00	0.00007
240.00	-30.00	0.00007	240.00	-40.00	0.00006
240.00	-50.00	0.00006	240.00	-60.00	0.00005
240.00	-70.00	0.00005	240.00	-80.00	0.00005
240.00	-90.00	0.00005	240.00	-100.00	0.00005
250.00	100.00	0.00009	250.00	90.00	0.00009
250.00	80.00	0.00009	250.00	70.00	0.00009
250.00	60.00	0.00009	250.00	50.00	0.00009
250.00	40.00	0.00009	250.00	30.00	0.00009
250.00	25.00	0.00008	250.00	20.00	0.00008
250.00	17.00	0.00008	250.00	15.00	0.00008
250.00	13.00	0.00008	250.00	11.00	0.00008
250.00	9.00	0.00008	250.00	-9.00	0.00007
250.00	-11.00	0.00007	250.00	-13.00	0.00007
250.00	-15.00	0.00007	250.00	-17.00	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

08NCRA_NAPA97-300 DPM TRAV ANN E-W Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00006	250.00	-25.00	0.00006
250.00	-30.00	0.00006	250.00	-40.00	0.00006
250.00	-50.00	0.00005	250.00	-60.00	0.00005
250.00	-70.00	0.00005	250.00	-80.00	0.00005
250.00	-90.00	0.00005	250.00	-100.00	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00017	-250.00	90.00	0.00018
-250.00	80.00	0.00020	-250.00	70.00	0.00022
-250.00	60.00	0.00025	-250.00	50.00	0.00029
-250.00	40.00	0.00032	-250.00	30.00	0.00036
-250.00	25.00	0.00038	-250.00	20.00	0.00040
-250.00	17.00	0.00041	-250.00	15.00	0.00042
-250.00	13.00	0.00043	-250.00	11.00	0.00044
-250.00	9.00	0.00044	-250.00	-9.00	0.00052
-250.00	-11.00	0.00053	-250.00	-13.00	0.00054
-250.00	-15.00	0.00055	-250.00	-17.00	0.00056
-250.00	-20.00	0.00058	-250.00	-25.00	0.00061
-250.00	-30.00	0.00063	-250.00	-40.00	0.00067
-250.00	-50.00	0.00068	-250.00	-60.00	0.00068
-250.00	-70.00	0.00068	-250.00	-80.00	0.00066
-250.00	-90.00	0.00065	-250.00	-100.00	0.00063
-240.00	100.00	0.00019	-240.00	90.00	0.00020
-240.00	80.00	0.00022	-240.00	70.00	0.00024
-240.00	60.00	0.00027	-240.00	50.00	0.00031
-240.00	40.00	0.00035	-240.00	30.00	0.00040
-240.00	25.00	0.00042	-240.00	20.00	0.00045
-240.00	17.00	0.00046	-240.00	15.00	0.00047
-240.00	13.00	0.00048	-240.00	11.00	0.00049
-240.00	9.00	0.00050	-240.00	-9.00	0.00059
-240.00	-11.00	0.00060	-240.00	-13.00	0.00062
-240.00	-15.00	0.00063	-240.00	-17.00	0.00064
-240.00	-20.00	0.00066	-240.00	-25.00	0.00070

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-240.00	-30.00	0.00072	-240.00	-40.00	0.00076
-240.00	-50.00	0.00077	-240.00	-60.00	0.00077
-240.00	-70.00	0.00075	-240.00	-80.00	0.00074
-240.00	-90.00	0.00071	-240.00	-100.00	0.00069
-230.00	100.00	0.00021	-230.00	90.00	0.00022
-230.00	80.00	0.00023	-230.00	70.00	0.00026
-230.00	60.00	0.00029	-230.00	50.00	0.00033
-230.00	40.00	0.00038	-230.00	30.00	0.00044
-230.00	25.00	0.00047	-230.00	20.00	0.00050
-230.00	17.00	0.00052	-230.00	15.00	0.00053
-230.00	13.00	0.00054	-230.00	11.00	0.00055
-230.00	9.00	0.00056	-230.00	-9.00	0.00068
-230.00	-11.00	0.00069	-230.00	-13.00	0.00071
-230.00	-15.00	0.00072	-230.00	-17.00	0.00074

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00077	-230.00	-25.00	0.00080
-230.00	-30.00	0.00083	-230.00	-40.00	0.00086
-230.00	-50.00	0.00087	-230.00	-60.00	0.00086
-230.00	-70.00	0.00085	-230.00	-80.00	0.00082
-230.00	-90.00	0.00079	-230.00	-100.00	0.00075
-220.00	100.00	0.00023	-220.00	90.00	0.00024
-220.00	80.00	0.00026	-220.00	70.00	0.00028
-220.00	60.00	0.00031	-220.00	50.00	0.00035
-220.00	40.00	0.00041	-220.00	30.00	0.00048
-220.00	25.00	0.00052	-220.00	20.00	0.00056
-220.00	17.00	0.00058	-220.00	15.00	0.00059
-220.00	13.00	0.00061	-220.00	11.00	0.00062
-220.00	9.00	0.00064	-220.00	-9.00	0.00078
-220.00	-11.00	0.00080	-220.00	-13.00	0.00082
-220.00	-15.00	0.00084	-220.00	-17.00	0.00086
-220.00	-20.00	0.00089	-220.00	-25.00	0.00093
-220.00	-30.00	0.00096	-220.00	-40.00	0.00099
-220.00	-50.00	0.00100	-220.00	-60.00	0.00098
-220.00	-70.00	0.00095	-220.00	-80.00	0.00092
-220.00	-90.00	0.00087	-220.00	-100.00	0.00083

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-210.00	100.00	0.00026	-210.00	90.00	0.00027
-210.00	80.00	0.00029	-210.00	70.00	0.00031
-210.00	60.00	0.00034	-210.00	50.00	0.00038
-210.00	40.00	0.00045	-210.00	30.00	0.00053
-210.00	25.00	0.00058	-210.00	20.00	0.00063
-210.00	17.00	0.00065	-210.00	15.00	0.00067
-210.00	13.00	0.00069	-210.00	11.00	0.00071
-210.00	9.00	0.00073	-210.00	-9.00	0.00091
-210.00	-11.00	0.00094	-210.00	-13.00	0.00096
-210.00	-15.00	0.00099	-210.00	-17.00	0.00101
-210.00	-20.00	0.00105	-210.00	-25.00	0.00109
-210.00	-30.00	0.00113	-210.00	-40.00	0.00115
-210.00	-50.00	0.00114	-210.00	-60.00	0.00112
-210.00	-70.00	0.00108	-210.00	-80.00	0.00102
-210.00	-90.00	0.00096	-210.00	-100.00	0.00090
-200.00	100.00	0.00030	-200.00	90.00	0.00032
-200.00	80.00	0.00033	-200.00	70.00	0.00035
-200.00	60.00	0.00038	-200.00	50.00	0.00042
-200.00	40.00	0.00049	-200.00	30.00	0.00059
-200.00	25.00	0.00064	-200.00	20.00	0.00070

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00074	-200.00	15.00	0.00076
-200.00	13.00	0.00079	-200.00	11.00	0.00081
-200.00	9.00	0.00084	-200.00	-9.00	0.00108
-200.00	-11.00	0.00111	-200.00	-13.00	0.00115
-200.00	-15.00	0.00118	-200.00	-17.00	0.00121
-200.00	-20.00	0.00125	-200.00	-25.00	0.00130
-200.00	-30.00	0.00133	-200.00	-40.00	0.00134
-200.00	-50.00	0.00132	-200.00	-60.00	0.00128
-200.00	-70.00	0.00121	-200.00	-80.00	0.00114
-200.00	-90.00	0.00105	-200.00	-100.00	0.00097
-190.00	100.00	0.00036	-190.00	90.00	0.00037
-190.00	80.00	0.00038	-190.00	70.00	0.00040
-190.00	60.00	0.00043	-190.00	50.00	0.00047
-190.00	40.00	0.00054	-190.00	30.00	0.00065

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-190.00	25.00	0.00072	-190.00	20.00	0.00079
-190.00	17.00	0.00084	-190.00	15.00	0.00087
-190.00	13.00	0.00090	-190.00	11.00	0.00093
-190.00	9.00	0.00097	-190.00	-9.00	0.00129
-190.00	-11.00	0.00134	-190.00	-13.00	0.00138
-190.00	-15.00	0.00142	-190.00	-17.00	0.00146
-190.00	-20.00	0.00150	-190.00	-25.00	0.00155
-190.00	-30.00	0.00158	-190.00	-40.00	0.00158
-190.00	-50.00	0.00153	-190.00	-60.00	0.00146
-190.00	-70.00	0.00136	-190.00	-80.00	0.00125
-190.00	-90.00	0.00114	-190.00	-100.00	0.00104
-180.00	100.00	0.00043	-180.00	90.00	0.00044
-180.00	80.00	0.00046	-180.00	70.00	0.00047
-180.00	60.00	0.00050	-180.00	50.00	0.00054
-180.00	40.00	0.00060	-180.00	30.00	0.00071
-180.00	25.00	0.00079	-180.00	20.00	0.00089
-180.00	17.00	0.00095	-180.00	15.00	0.00099
-180.00	13.00	0.00104	-180.00	11.00	0.00108
-180.00	9.00	0.00112	-180.00	-9.00	0.00158
-180.00	-11.00	0.00164	-180.00	-13.00	0.00169
-180.00	-15.00	0.00174	-180.00	-17.00	0.00178
-180.00	-20.00	0.00182	-180.00	-25.00	0.00187
-180.00	-30.00	0.00189	-180.00	-40.00	0.00186
-180.00	-50.00	0.00178	-180.00	-60.00	0.00166
-180.00	-70.00	0.00151	-180.00	-80.00	0.00137
-180.00	-90.00	0.00123	-180.00	-100.00	0.00111

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00053	-170.00	90.00	0.00055
-170.00	80.00	0.00057	-170.00	70.00	0.00059
-170.00	60.00	0.00061	-170.00	50.00	0.00064
-170.00	40.00	0.00069	-170.00	30.00	0.00080
-170.00	25.00	0.00088	-170.00	20.00	0.00099
-170.00	17.00	0.00107	-170.00	15.00	0.00113
-170.00	13.00	0.00119	-170.00	11.00	0.00125
-170.00	9.00	0.00131	-170.00	-9.00	0.00195

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-170.00	-11.00	0.00203	-170.00	-13.00	0.00209
-170.00	-15.00	0.00215	-170.00	-17.00	0.00219
-170.00	-20.00	0.00224	-170.00	-25.00	0.00227
-170.00	-30.00	0.00228	-170.00	-40.00	0.00220
-170.00	-50.00	0.00204	-170.00	-60.00	0.00185
-170.00	-70.00	0.00166	-170.00	-80.00	0.00149
-170.00	-90.00	0.00133	-170.00	-100.00	0.00118
-160.00	100.00	0.00067	-160.00	90.00	0.00070
-160.00	80.00	0.00073	-160.00	70.00	0.00076
-160.00	60.00	0.00078	-160.00	50.00	0.00081
-160.00	40.00	0.00085	-160.00	30.00	0.00093
-160.00	25.00	0.00101	-160.00	20.00	0.00111
-160.00	17.00	0.00120	-160.00	15.00	0.00127
-160.00	13.00	0.00134	-160.00	11.00	0.00142
-160.00	9.00	0.00151	-160.00	-9.00	0.00246
-160.00	-11.00	0.00255	-160.00	-13.00	0.00263
-160.00	-15.00	0.00268	-160.00	-17.00	0.00272
-160.00	-20.00	0.00276	-160.00	-25.00	0.00278
-160.00	-30.00	0.00274	-160.00	-40.00	0.00255
-160.00	-50.00	0.00231	-160.00	-60.00	0.00206
-160.00	-70.00	0.00182	-160.00	-80.00	0.00161
-160.00	-90.00	0.00142	-160.00	-100.00	0.00125
-150.00	100.00	0.00085	-150.00	90.00	0.00091
-150.00	80.00	0.00097	-150.00	70.00	0.00103
-150.00	60.00	0.00109	-150.00	50.00	0.00113
-150.00	40.00	0.00117	-150.00	30.00	0.00121
-150.00	25.00	0.00125	-150.00	20.00	0.00131
-150.00	17.00	0.00138	-150.00	15.00	0.00145
-150.00	13.00	0.00153	-150.00	11.00	0.00162
-150.00	9.00	0.00173	-150.00	-9.00	0.00318
-150.00	-11.00	0.00327	-150.00	-13.00	0.00334
-150.00	-15.00	0.00338	-150.00	-17.00	0.00340

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00340	-150.00	-25.00	0.00334
-150.00	-30.00	0.00322	-150.00	-40.00	0.00292

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-150.00	-50.00	0.00259	-150.00	-60.00	0.00227
-150.00	-70.00	0.00198	-150.00	-80.00	0.00172
-150.00	-90.00	0.00150	-150.00	-100.00	0.00131
-140.00	100.00	0.00107	-140.00	90.00	0.00117
-140.00	80.00	0.00128	-140.00	70.00	0.00141
-140.00	60.00	0.00154	-140.00	50.00	0.00168
-140.00	40.00	0.00182	-140.00	30.00	0.00194
-140.00	25.00	0.00198	-140.00	20.00	0.00201
-140.00	17.00	0.00202	-140.00	15.00	0.00203
-140.00	13.00	0.00204	-140.00	11.00	0.00208
-140.00	9.00	0.00215	-140.00	-9.00	0.00426
-140.00	-11.00	0.00427	-140.00	-13.00	0.00425
-140.00	-15.00	0.00422	-140.00	-17.00	0.00418
-140.00	-20.00	0.00410	-140.00	-25.00	0.00392
-140.00	-30.00	0.00372	-140.00	-40.00	0.00329
-140.00	-50.00	0.00285	-140.00	-60.00	0.00245
-140.00	-70.00	0.00211	-140.00	-80.00	0.00181
-140.00	-90.00	0.00156	-140.00	-100.00	0.00135
-130.00	100.00	0.00128	-130.00	90.00	0.00142
-130.00	80.00	0.00159	-130.00	70.00	0.00180
-130.00	60.00	0.00203	-130.00	50.00	0.00231
-130.00	40.00	0.00264	-130.00	30.00	0.00303
-130.00	25.00	0.00325	-130.00	20.00	0.00351
-130.00	17.00	0.00367	-130.00	15.00	0.00379
-130.00	13.00	0.00393	-130.00	11.00	0.00409
-130.00	9.00	0.00431	-130.00	-9.00	0.00533
-130.00	-11.00	0.00519	-130.00	-13.00	0.00506
-130.00	-15.00	0.00494	-130.00	-17.00	0.00483
-130.00	-20.00	0.00466	-130.00	-25.00	0.00438
-130.00	-30.00	0.00410	-130.00	-40.00	0.00354
-130.00	-50.00	0.00302	-130.00	-60.00	0.00257
-130.00	-70.00	0.00218	-130.00	-80.00	0.00185
-130.00	-90.00	0.00158	-130.00	-100.00	0.00136
-120.00	100.00	0.00146	-120.00	90.00	0.00164
-120.00	80.00	0.00186	-120.00	70.00	0.00212
-120.00	60.00	0.00243	-120.00	50.00	0.00280
-120.00	40.00	0.00324	-120.00	30.00	0.00377
-120.00	25.00	0.00407	-120.00	20.00	0.00442

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-120.00	17.00	0.00464	-120.00	15.00	0.00479	
-120.00	13.00	0.00494	-120.00	11.00	0.00510	
-120.00	9.00	0.00528	-120.00	-9.00	0.00549	
-120.00	-11.00	0.00534	-120.00	-13.00	0.00521	
-120.00	-15.00	0.00510	-120.00	-17.00	0.00499	
-120.00	-20.00	0.00482	-120.00	-25.00	0.00452	
-120.00	-30.00	0.00422	-120.00	-40.00	0.00362	
-120.00	-50.00	0.00307	-120.00	-60.00	0.00258	
-120.00	-70.00	0.00217	-120.00	-80.00	0.00183	
-120.00	-90.00	0.00156	-120.00	-100.00	0.00134	
-110.00	100.00	0.00160	-110.00	90.00	0.00181	
-110.00	80.00	0.00206	-110.00	70.00	0.00236	
-110.00	60.00	0.00271	-110.00	50.00	0.00314	
-110.00	40.00	0.00364	-110.00	30.00	0.00424	
-110.00	25.00	0.00457	-110.00	20.00	0.00491	
-110.00	17.00	0.00512	-110.00	15.00	0.00525	
-110.00	13.00	0.00537	-110.00	11.00	0.00550	
-110.00	9.00	0.00565	-110.00	-9.00	0.00546	
-110.00	-11.00	0.00529	-110.00	-13.00	0.00516	
-110.00	-15.00	0.00504	-110.00	-17.00	0.00492	
-110.00	-20.00	0.00474	-110.00	-25.00	0.00445	
-110.00	-30.00	0.00415	-110.00	-40.00	0.00356	
-110.00	-50.00	0.00300	-110.00	-60.00	0.00251	
-110.00	-70.00	0.00210	-110.00	-80.00	0.00177	
-110.00	-90.00	0.00151	-110.00	-100.00	0.00130	
-100.00	100.00	0.00169	-100.00	90.00	0.00192	
-100.00	80.00	0.00219	-100.00	70.00	0.00252	
-100.00	60.00	0.00291	-100.00	50.00	0.00338	
-100.00	40.00	0.00392	-100.00	30.00	0.00452	
-100.00	25.00	0.00484	-100.00	20.00	0.00515	
-100.00	17.00	0.00533	-100.00	15.00	0.00544	
-100.00	13.00	0.00555	-100.00	11.00	0.00565	
-100.00	9.00	0.00577	-100.00	-9.00	0.00532	
-100.00	-11.00	0.00514	-100.00	-13.00	0.00499	
-100.00	-15.00	0.00485	-100.00	-17.00	0.00473	
-100.00	-20.00	0.00455	-100.00	-25.00	0.00425	
-100.00	-30.00	0.00396	-100.00	-40.00	0.00337	
-100.00	-50.00	0.00283	-100.00	-60.00	0.00237	
-100.00	-70.00	0.00199	-100.00	-80.00	0.00168	
-100.00	-90.00	0.00144	-100.00	-100.00	0.00124	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

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**MODELOPTs:

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*** Maximum train overlap at East/West Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00174	-90.00	90.00	0.00198
-90.00	80.00	0.00227	-90.00	70.00	0.00262
-90.00	60.00	0.00303	-90.00	50.00	0.00352
-90.00	40.00	0.00407	-90.00	30.00	0.00467
-90.00	25.00	0.00497	-90.00	20.00	0.00525
-90.00	17.00	0.00540	-90.00	15.00	0.00549
-90.00	13.00	0.00558	-90.00	11.00	0.00567
-90.00	9.00	0.00577	-90.00	-9.00	0.00509
-90.00	-11.00	0.00488	-90.00	-13.00	0.00471
-90.00	-15.00	0.00456	-90.00	-17.00	0.00443
-90.00	-20.00	0.00424	-90.00	-25.00	0.00394
-90.00	-30.00	0.00365	-90.00	-40.00	0.00309
-90.00	-50.00	0.00259	-90.00	-60.00	0.00217
-90.00	-70.00	0.00183	-90.00	-80.00	0.00156
-90.00	-90.00	0.00133	-90.00	-100.00	0.00115
-80.00	100.00	0.00173	-80.00	90.00	0.00198
-80.00	80.00	0.00228	-80.00	70.00	0.00264
-80.00	60.00	0.00307	-80.00	50.00	0.00357
-80.00	40.00	0.00413	-80.00	30.00	0.00471
-80.00	25.00	0.00500	-80.00	20.00	0.00525
-80.00	17.00	0.00538	-80.00	15.00	0.00546
-80.00	13.00	0.00553	-80.00	11.00	0.00559
-80.00	9.00	0.00566	-80.00	-9.00	0.00472
-80.00	-11.00	0.00449	-80.00	-13.00	0.00431
-80.00	-15.00	0.00415	-80.00	-17.00	0.00400
-80.00	-20.00	0.00381	-80.00	-25.00	0.00351
-80.00	-30.00	0.00323	-80.00	-40.00	0.00272
-80.00	-50.00	0.00229	-80.00	-60.00	0.00194
-80.00	-70.00	0.00165	-80.00	-80.00	0.00141
-80.00	-90.00	0.00121	-80.00	-100.00	0.00104
-70.00	100.00	0.00167	-70.00	90.00	0.00192
-70.00	80.00	0.00222	-70.00	70.00	0.00258
-70.00	60.00	0.00300	-70.00	50.00	0.00350
-70.00	40.00	0.00406	-70.00	30.00	0.00466

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-70.00	25.00	0.00494	-70.00	20.00	0.00519
-70.00	17.00	0.00531	-70.00	15.00	0.00537
-70.00	13.00	0.00542	-70.00	11.00	0.00545
-70.00	9.00	0.00550	-70.00	-9.00	0.00420
-70.00	-11.00	0.00395	-70.00	-13.00	0.00375
-70.00	-15.00	0.00358	-70.00	-17.00	0.00344

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00324	-70.00	-25.00	0.00296
-70.00	-30.00	0.00271	-70.00	-40.00	0.00230
-70.00	-50.00	0.00196	-70.00	-60.00	0.00167
-70.00	-70.00	0.00143	-70.00	-80.00	0.00123
-70.00	-90.00	0.00106	-70.00	-100.00	0.00092
-60.00	100.00	0.00155	-60.00	90.00	0.00178
-60.00	80.00	0.00205	-60.00	70.00	0.00238
-60.00	60.00	0.00277	-60.00	50.00	0.00324
-60.00	40.00	0.00380	-60.00	30.00	0.00442
-60.00	25.00	0.00474	-60.00	20.00	0.00502
-60.00	17.00	0.00515	-60.00	15.00	0.00521
-60.00	13.00	0.00525	-60.00	11.00	0.00527
-60.00	9.00	0.00528	-60.00	-9.00	0.00345
-60.00	-11.00	0.00318	-60.00	-13.00	0.00298
-60.00	-15.00	0.00282	-60.00	-17.00	0.00269
-60.00	-20.00	0.00253	-60.00	-25.00	0.00232
-60.00	-30.00	0.00214	-60.00	-40.00	0.00184
-60.00	-50.00	0.00159	-60.00	-60.00	0.00137
-60.00	-70.00	0.00118	-60.00	-80.00	0.00103
-60.00	-90.00	0.00090	-60.00	-100.00	0.00080
-50.00	100.00	0.00139	-50.00	90.00	0.00157
-50.00	80.00	0.00179	-50.00	70.00	0.00205
-50.00	60.00	0.00236	-50.00	50.00	0.00273
-50.00	40.00	0.00317	-50.00	30.00	0.00370
-50.00	25.00	0.00400	-50.00	20.00	0.00432
-50.00	17.00	0.00450	-50.00	15.00	0.00461
-50.00	13.00	0.00471	-50.00	11.00	0.00479
-50.00	9.00	0.00485	-50.00	-9.00	0.00229

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-50.00	-11.00	0.00211	-50.00	-13.00	0.00198
-50.00	-15.00	0.00189	-50.00	-17.00	0.00182
-50.00	-20.00	0.00173	-50.00	-25.00	0.00162
-50.00	-30.00	0.00152	-50.00	-40.00	0.00135
-50.00	-50.00	0.00120	-50.00	-60.00	0.00107
-50.00	-70.00	0.00094	-50.00	-80.00	0.00084
-50.00	-90.00	0.00075	-50.00	-100.00	0.00067
-40.00	100.00	0.00120	-40.00	90.00	0.00135
-40.00	80.00	0.00151	-40.00	70.00	0.00169
-40.00	60.00	0.00190	-40.00	50.00	0.00212
-40.00	40.00	0.00236	-40.00	30.00	0.00260
-40.00	25.00	0.00271	-40.00	20.00	0.00279

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00281	-40.00	15.00	0.00280
-40.00	13.00	0.00278	-40.00	11.00	0.00272
-40.00	9.00	0.00262	-40.00	-9.00	0.00111
-40.00	-11.00	0.00108	-40.00	-13.00	0.00106
-40.00	-15.00	0.00104	-40.00	-17.00	0.00103
-40.00	-20.00	0.00102	-40.00	-25.00	0.00101
-40.00	-30.00	0.00099	-40.00	-40.00	0.00094
-40.00	-50.00	0.00088	-40.00	-60.00	0.00081
-40.00	-70.00	0.00074	-40.00	-80.00	0.00067
-40.00	-90.00	0.00061	-40.00	-100.00	0.00056
-30.00	100.00	0.00103	-30.00	90.00	0.00114
-30.00	80.00	0.00125	-30.00	70.00	0.00137
-30.00	60.00	0.00150	-30.00	50.00	0.00163
-30.00	40.00	0.00175	-30.00	30.00	0.00183
-30.00	25.00	0.00184	-30.00	20.00	0.00182
-30.00	17.00	0.00178	-30.00	15.00	0.00174
-30.00	13.00	0.00169	-30.00	11.00	0.00164
-30.00	9.00	0.00157	-30.00	-9.00	0.00081
-30.00	-11.00	0.00077	-30.00	-13.00	0.00074
-30.00	-15.00	0.00072	-30.00	-17.00	0.00070
-30.00	-20.00	0.00069	-30.00	-25.00	0.00068
-30.00	-30.00	0.00068	-30.00	-40.00	0.00067

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-30.00	-50.00	0.00065	-30.00	-60.00	0.00062
-30.00	-70.00	0.00058	-30.00	-80.00	0.00054
-30.00	-90.00	0.00050	-30.00	-100.00	0.00046
-20.00	100.00	0.00089	-20.00	90.00	0.00096
-20.00	80.00	0.00104	-20.00	70.00	0.00112
-20.00	60.00	0.00120	-20.00	50.00	0.00128
-20.00	40.00	0.00132	-20.00	30.00	0.00131
-20.00	25.00	0.00129	-20.00	20.00	0.00125
-20.00	17.00	0.00121	-20.00	15.00	0.00118
-20.00	13.00	0.00115	-20.00	11.00	0.00112
-20.00	9.00	0.00108	-20.00	-9.00	0.00065
-20.00	-11.00	0.00061	-20.00	-13.00	0.00059
-20.00	-15.00	0.00056	-20.00	-17.00	0.00055
-20.00	-20.00	0.00053	-20.00	-25.00	0.00051
-20.00	-30.00	0.00050	-20.00	-40.00	0.00050
-20.00	-50.00	0.00049	-20.00	-60.00	0.00048
-20.00	-70.00	0.00046	-20.00	-80.00	0.00044
-20.00	-90.00	0.00041	-20.00	-100.00	0.00039

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00076	-10.00	90.00	0.00082
-10.00	80.00	0.00087	-10.00	70.00	0.00093
-10.00	60.00	0.00097	-10.00	50.00	0.00100
-10.00	40.00	0.00100	-10.00	30.00	0.00097
-10.00	25.00	0.00094	-10.00	20.00	0.00091
-10.00	17.00	0.00089	-10.00	15.00	0.00087
-10.00	13.00	0.00085	-10.00	11.00	0.00083
-10.00	9.00	0.00080	-10.00	-9.00	0.00053
-10.00	-11.00	0.00050	-10.00	-13.00	0.00048
-10.00	-15.00	0.00046	-10.00	-17.00	0.00045
-10.00	-20.00	0.00043	-10.00	-25.00	0.00041
-10.00	-30.00	0.00040	-10.00	-40.00	0.00038
-10.00	-50.00	0.00038	-10.00	-60.00	0.00037
-10.00	-70.00	0.00036	-10.00	-80.00	0.00035
-10.00	-90.00	0.00034	-10.00	-100.00	0.00032
0.00	100.00	0.00066	0.00	90.00	0.00070

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

0.00	80.00	0.00073	0.00	70.00	0.00076
0.00	60.00	0.00078	0.00	50.00	0.00078
0.00	40.00	0.00077	0.00	30.00	0.00074
0.00	25.00	0.00072	0.00	20.00	0.00070
0.00	17.00	0.00068	0.00	15.00	0.00067
0.00	13.00	0.00066	0.00	11.00	0.00064
0.00	9.00	0.00062	0.00	-9.00	0.00044
0.00	-11.00	0.00042	0.00	-13.00	0.00040
0.00	-15.00	0.00039	0.00	-17.00	0.00038
0.00	-20.00	0.00036	0.00	-25.00	0.00034
0.00	-30.00	0.00033	0.00	-40.00	0.00031
0.00	-50.00	0.00030	0.00	-60.00	0.00030
0.00	-70.00	0.00029	0.00	-80.00	0.00029
0.00	-90.00	0.00028	0.00	-100.00	0.00027
10.00	100.00	0.00057	10.00	90.00	0.00060
10.00	80.00	0.00062	10.00	70.00	0.00063
10.00	60.00	0.00063	10.00	50.00	0.00062
10.00	40.00	0.00061	10.00	30.00	0.00058
10.00	25.00	0.00057	10.00	20.00	0.00056
10.00	17.00	0.00054	10.00	15.00	0.00054
10.00	13.00	0.00052	10.00	11.00	0.00051
10.00	9.00	0.00050	10.00	-9.00	0.00037
10.00	-11.00	0.00035	10.00	-13.00	0.00034
10.00	-15.00	0.00033	10.00	-17.00	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 93
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00031	10.00	-25.00	0.00029
10.00	-30.00	0.00027	10.00	-40.00	0.00026
10.00	-50.00	0.00025	10.00	-60.00	0.00025
10.00	-70.00	0.00024	10.00	-80.00	0.00024
10.00	-90.00	0.00023	10.00	-100.00	0.00023
20.00	100.00	0.00049	20.00	90.00	0.00051
20.00	80.00	0.00052	20.00	70.00	0.00052
20.00	60.00	0.00052	20.00	50.00	0.00051
20.00	40.00	0.00049	20.00	30.00	0.00047
20.00	25.00	0.00046	20.00	20.00	0.00045

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

20.00	17.00	0.00044	20.00	15.00	0.00044
20.00	13.00	0.00043	20.00	11.00	0.00042
20.00	9.00	0.00041	20.00	-9.00	0.00031
20.00	-11.00	0.00030	20.00	-13.00	0.00029
20.00	-15.00	0.00028	20.00	-17.00	0.00027
20.00	-20.00	0.00026	20.00	-25.00	0.00025
20.00	-30.00	0.00024	20.00	-40.00	0.00022
20.00	-50.00	0.00021	20.00	-60.00	0.00021
20.00	-70.00	0.00020	20.00	-80.00	0.00020
20.00	-90.00	0.00020	20.00	-100.00	0.00019
30.00	100.00	0.00043	30.00	90.00	0.00043
30.00	80.00	0.00044	30.00	70.00	0.00043
30.00	60.00	0.00043	30.00	50.00	0.00042
30.00	40.00	0.00040	30.00	30.00	0.00039
30.00	25.00	0.00039	30.00	20.00	0.00038
30.00	17.00	0.00037	30.00	15.00	0.00036
30.00	13.00	0.00036	30.00	11.00	0.00035
30.00	9.00	0.00034	30.00	-9.00	0.00027
30.00	-11.00	0.00026	30.00	-13.00	0.00025
30.00	-15.00	0.00024	30.00	-17.00	0.00024
30.00	-20.00	0.00023	30.00	-25.00	0.00022
30.00	-30.00	0.00020	30.00	-40.00	0.00019
30.00	-50.00	0.00018	30.00	-60.00	0.00018
30.00	-70.00	0.00017	30.00	-80.00	0.00017
30.00	-90.00	0.00017	30.00	-100.00	0.00017
40.00	100.00	0.00037	40.00	90.00	0.00037
40.00	80.00	0.00037	40.00	70.00	0.00037
40.00	60.00	0.00036	40.00	50.00	0.00035
40.00	40.00	0.00034	40.00	30.00	0.00033
40.00	25.00	0.00033	40.00	20.00	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 94
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00031	40.00	15.00	0.00031
40.00	13.00	0.00030	40.00	11.00	0.00029
40.00	9.00	0.00029	40.00	-9.00	0.00023
40.00	-11.00	0.00023	40.00	-13.00	0.00022

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

40.00	-15.00	0.00021	40.00	-17.00	0.00021
40.00	-20.00	0.00020	40.00	-25.00	0.00019
40.00	-30.00	0.00018	40.00	-40.00	0.00017
40.00	-50.00	0.00016	40.00	-60.00	0.00015
40.00	-70.00	0.00015	40.00	-80.00	0.00015
40.00	-90.00	0.00015	40.00	-100.00	0.00014
50.00	100.00	0.00032	50.00	90.00	0.00032
50.00	80.00	0.00032	50.00	70.00	0.00031
50.00	60.00	0.00031	50.00	50.00	0.00030
50.00	40.00	0.00029	50.00	30.00	0.00029
50.00	25.00	0.00028	50.00	20.00	0.00027
50.00	17.00	0.00027	50.00	15.00	0.00026
50.00	13.00	0.00026	50.00	11.00	0.00025
50.00	9.00	0.00025	50.00	-9.00	0.00020
50.00	-11.00	0.00020	50.00	-13.00	0.00019
50.00	-15.00	0.00019	50.00	-17.00	0.00018
50.00	-20.00	0.00018	50.00	-25.00	0.00017
50.00	-30.00	0.00016	50.00	-40.00	0.00015
50.00	-50.00	0.00014	50.00	-60.00	0.00013
50.00	-70.00	0.00013	50.00	-80.00	0.00013
50.00	-90.00	0.00013	50.00	-100.00	0.00013
60.00	100.00	0.00028	60.00	90.00	0.00028
60.00	80.00	0.00027	60.00	70.00	0.00027
60.00	60.00	0.00026	60.00	50.00	0.00026
60.00	40.00	0.00025	60.00	30.00	0.00025
60.00	25.00	0.00024	60.00	20.00	0.00024
60.00	17.00	0.00023	60.00	15.00	0.00023
60.00	13.00	0.00022	60.00	11.00	0.00022
60.00	9.00	0.00021	60.00	-9.00	0.00018
60.00	-11.00	0.00017	60.00	-13.00	0.00017
60.00	-15.00	0.00017	60.00	-17.00	0.00016
60.00	-20.00	0.00016	60.00	-25.00	0.00015
60.00	-30.00	0.00014	60.00	-40.00	0.00013
60.00	-50.00	0.00012	60.00	-60.00	0.00012
60.00	-70.00	0.00012	60.00	-80.00	0.00011
60.00	-90.00	0.00011	60.00	-100.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

08NCRA_NAPA97-300_DPM_TRAV ANN E-W Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00024	70.00	90.00	0.00024
70.00	80.00	0.00024	70.00	70.00	0.00023
70.00	60.00	0.00023	70.00	50.00	0.00022
70.00	40.00	0.00022	70.00	30.00	0.00022
70.00	25.00	0.00021	70.00	20.00	0.00021
70.00	17.00	0.00020	70.00	15.00	0.00020
70.00	13.00	0.00019	70.00	11.00	0.00019
70.00	9.00	0.00019	70.00	-9.00	0.00016
70.00	-11.00	0.00016	70.00	-13.00	0.00015
70.00	-15.00	0.00015	70.00	-17.00	0.00015
70.00	-20.00	0.00014	70.00	-25.00	0.00013
70.00	-30.00	0.00013	70.00	-40.00	0.00012
70.00	-50.00	0.00011	70.00	-60.00	0.00011
70.00	-70.00	0.00010	70.00	-80.00	0.00010
70.00	-90.00	0.00010	70.00	-100.00	0.00010
80.00	100.00	0.00022	80.00	90.00	0.00021
80.00	80.00	0.00021	80.00	70.00	0.00020
80.00	60.00	0.00020	80.00	50.00	0.00020
80.00	40.00	0.00020	80.00	30.00	0.00019
80.00	25.00	0.00019	80.00	20.00	0.00018
80.00	17.00	0.00018	80.00	15.00	0.00017
80.00	13.00	0.00017	80.00	11.00	0.00017
80.00	9.00	0.00017	80.00	-9.00	0.00014
80.00	-11.00	0.00014	80.00	-13.00	0.00014
80.00	-15.00	0.00013	80.00	-17.00	0.00013
80.00	-20.00	0.00013	80.00	-25.00	0.00012
80.00	-30.00	0.00012	80.00	-40.00	0.00011
80.00	-50.00	0.00010	80.00	-60.00	0.00010
80.00	-70.00	0.00009	80.00	-80.00	0.00009
80.00	-90.00	0.00009	80.00	-100.00	0.00009
90.00	100.00	0.00019	90.00	90.00	0.00019
90.00	80.00	0.00019	90.00	70.00	0.00018
90.00	60.00	0.00018	90.00	50.00	0.00018
90.00	40.00	0.00018	90.00	30.00	0.00017
90.00	25.00	0.00017	90.00	20.00	0.00016
90.00	17.00	0.00016	90.00	15.00	0.00015
90.00	13.00	0.00015	90.00	11.00	0.00015
90.00	9.00	0.00015	90.00	-9.00	0.00013
90.00	-11.00	0.00013	90.00	-13.00	0.00012
90.00	-15.00	0.00012	90.00	-17.00	0.00012

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTS:
PAGE 96

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00012	90.00	-25.00	0.00011
90.00	-30.00	0.00011	90.00	-40.00	0.00010
90.00	-50.00	0.00009	90.00	-60.00	0.00009
90.00	-70.00	0.00009	90.00	-80.00	0.00008
90.00	-90.00	0.00008	90.00	-100.00	0.00008
100.00	100.00	0.00017	100.00	90.00	0.00017
100.00	80.00	0.00016	100.00	70.00	0.00016
100.00	60.00	0.00016	100.00	50.00	0.00016
100.00	40.00	0.00016	100.00	30.00	0.00015
100.00	25.00	0.00015	100.00	20.00	0.00014
100.00	17.00	0.00014	100.00	15.00	0.00014
100.00	13.00	0.00014	100.00	11.00	0.00013
100.00	9.00	0.00013	100.00	-9.00	0.00012
100.00	-11.00	0.00011	100.00	-13.00	0.00011
100.00	-15.00	0.00011	100.00	-17.00	0.00011
100.00	-20.00	0.00011	100.00	-25.00	0.00010
100.00	-30.00	0.00010	100.00	-40.00	0.00009
100.00	-50.00	0.00008	100.00	-60.00	0.00008
100.00	-70.00	0.00008	100.00	-80.00	0.00008
100.00	-90.00	0.00007	100.00	-100.00	0.00007
110.00	100.00	0.00015	110.00	90.00	0.00015
110.00	80.00	0.00015	110.00	70.00	0.00015
110.00	60.00	0.00014	110.00	50.00	0.00014
110.00	40.00	0.00014	110.00	30.00	0.00014
110.00	25.00	0.00013	110.00	20.00	0.00013
110.00	17.00	0.00013	110.00	15.00	0.00012
110.00	13.00	0.00012	110.00	11.00	0.00012
110.00	9.00	0.00012	110.00	-9.00	0.00011
110.00	-11.00	0.00010	110.00	-13.00	0.00010
110.00	-15.00	0.00010	110.00	-17.00	0.00010
110.00	-20.00	0.00010	110.00	-25.00	0.00009
110.00	-30.00	0.00009	110.00	-40.00	0.00008
110.00	-50.00	0.00008	110.00	-60.00	0.00007
110.00	-70.00	0.00007	110.00	-80.00	0.00007
110.00	-90.00	0.00007	110.00	-100.00	0.00007
120.00	100.00	0.00014	120.00	90.00	0.00014

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

120.00	80.00	0.00013	120.00	70.00	0.00013
120.00	60.00	0.00013	120.00	50.00	0.00013
120.00	40.00	0.00013	120.00	30.00	0.00012
120.00	25.00	0.00012	120.00	20.00	0.00012

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 97
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00011	120.00	15.00	0.00011
120.00	13.00	0.00011	120.00	11.00	0.00011
120.00	9.00	0.00011	120.00	-9.00	0.00010
120.00	-11.00	0.00009	120.00	-13.00	0.00009
120.00	-15.00	0.00009	120.00	-17.00	0.00009
120.00	-20.00	0.00009	120.00	-25.00	0.00008
120.00	-30.00	0.00008	120.00	-40.00	0.00008
120.00	-50.00	0.00007	120.00	-60.00	0.00007
120.00	-70.00	0.00007	120.00	-80.00	0.00006
120.00	-90.00	0.00006	120.00	-100.00	0.00006
130.00	100.00	0.00012	130.00	90.00	0.00012
130.00	80.00	0.00012	130.00	70.00	0.00012
130.00	60.00	0.00012	130.00	50.00	0.00012
130.00	40.00	0.00012	130.00	30.00	0.00011
130.00	25.00	0.00011	130.00	20.00	0.00011
130.00	17.00	0.00010	130.00	15.00	0.00010
130.00	13.00	0.00010	130.00	11.00	0.00010
130.00	9.00	0.00010	130.00	-9.00	0.00009
130.00	-11.00	0.00009	130.00	-13.00	0.00009
130.00	-15.00	0.00008	130.00	-17.00	0.00008
130.00	-20.00	0.00008	130.00	-25.00	0.00008
130.00	-30.00	0.00008	130.00	-40.00	0.00007
130.00	-50.00	0.00007	130.00	-60.00	0.00006
130.00	-70.00	0.00006	130.00	-80.00	0.00006
130.00	-90.00	0.00006	130.00	-100.00	0.00006
140.00	100.00	0.00011	140.00	90.00	0.00011
140.00	80.00	0.00011	140.00	70.00	0.00011
140.00	60.00	0.00011	140.00	50.00	0.00011
140.00	40.00	0.00011	140.00	30.00	0.00010
140.00	25.00	0.00010	140.00	20.00	0.00010

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

140.00	17.00	0.00009	140.00	15.00	0.00009
140.00	13.00	0.00009	140.00	11.00	0.00009
140.00	9.00	0.00009	140.00	-9.00	0.00008
140.00	-11.00	0.00008	140.00	-13.00	0.00008
140.00	-15.00	0.00008	140.00	-17.00	0.00008
140.00	-20.00	0.00008	140.00	-25.00	0.00007
140.00	-30.00	0.00007	140.00	-40.00	0.00007
140.00	-50.00	0.00006	140.00	-60.00	0.00006
140.00	-70.00	0.00006	140.00	-80.00	0.00005
140.00	-90.00	0.00005	140.00	-100.00	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00010	150.00	90.00	0.00010
150.00	80.00	0.00010	150.00	70.00	0.00010
150.00	60.00	0.00010	150.00	50.00	0.00010
150.00	40.00	0.00010	150.00	30.00	0.00009
150.00	25.00	0.00009	150.00	20.00	0.00009
150.00	17.00	0.00009	150.00	15.00	0.00009
150.00	13.00	0.00009	150.00	11.00	0.00008
150.00	9.00	0.00008	150.00	-9.00	0.00007
150.00	-11.00	0.00007	150.00	-13.00	0.00007
150.00	-15.00	0.00007	150.00	-17.00	0.00007
150.00	-20.00	0.00007	150.00	-25.00	0.00007
150.00	-30.00	0.00007	150.00	-40.00	0.00006
150.00	-50.00	0.00006	150.00	-60.00	0.00005
150.00	-70.00	0.00005	150.00	-80.00	0.00005
150.00	-90.00	0.00005	150.00	-100.00	0.00005
160.00	100.00	0.00009	160.00	90.00	0.00009
160.00	80.00	0.00009	160.00	70.00	0.00009
160.00	60.00	0.00009	160.00	50.00	0.00009
160.00	40.00	0.00009	160.00	30.00	0.00009
160.00	25.00	0.00008	160.00	20.00	0.00008
160.00	17.00	0.00008	160.00	15.00	0.00008
160.00	13.00	0.00008	160.00	11.00	0.00008
160.00	9.00	0.00008	160.00	-9.00	0.00007
160.00	-11.00	0.00007	160.00	-13.00	0.00007

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

160.00	-15.00	0.00007	160.00	-17.00	0.00007
160.00	-20.00	0.00006	160.00	-25.00	0.00006
160.00	-30.00	0.00006	160.00	-40.00	0.00006
160.00	-50.00	0.00005	160.00	-60.00	0.00005
160.00	-70.00	0.00005	160.00	-80.00	0.00005
160.00	-90.00	0.00005	160.00	-100.00	0.00005
170.00	100.00	0.00009	170.00	90.00	0.00009
170.00	80.00	0.00009	170.00	70.00	0.00009
170.00	60.00	0.00009	170.00	50.00	0.00008
170.00	40.00	0.00008	170.00	30.00	0.00008
170.00	25.00	0.00008	170.00	20.00	0.00008
170.00	17.00	0.00007	170.00	15.00	0.00007
170.00	13.00	0.00007	170.00	11.00	0.00007
170.00	9.00	0.00007	170.00	-9.00	0.00006
170.00	-11.00	0.00006	170.00	-13.00	0.00006
170.00	-15.00	0.00006	170.00	-17.00	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00006	170.00	-25.00	0.00006
170.00	-30.00	0.00006	170.00	-40.00	0.00005
170.00	-50.00	0.00005	170.00	-60.00	0.00005
170.00	-70.00	0.00005	170.00	-80.00	0.00004
170.00	-90.00	0.00004	170.00	-100.00	0.00004
180.00	100.00	0.00008	180.00	90.00	0.00008
180.00	80.00	0.00008	180.00	70.00	0.00008
180.00	60.00	0.00008	180.00	50.00	0.00008
180.00	40.00	0.00008	180.00	30.00	0.00007
180.00	25.00	0.00007	180.00	20.00	0.00007
180.00	17.00	0.00007	180.00	15.00	0.00007
180.00	13.00	0.00007	180.00	11.00	0.00007
180.00	9.00	0.00007	180.00	-9.00	0.00006
180.00	-11.00	0.00006	180.00	-13.00	0.00006
180.00	-15.00	0.00006	180.00	-17.00	0.00006
180.00	-20.00	0.00006	180.00	-25.00	0.00005
180.00	-30.00	0.00005	180.00	-40.00	0.00005
180.00	-50.00	0.00005	180.00	-60.00	0.00004

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

180.00	-70.00	0.00004	180.00	-80.00	0.00004
180.00	-90.00	0.00004	180.00	-100.00	0.00004
190.00	100.00	0.00008	190.00	90.00	0.00007
190.00	80.00	0.00007	190.00	70.00	0.00007
190.00	60.00	0.00007	190.00	50.00	0.00007
190.00	40.00	0.00007	190.00	30.00	0.00007
190.00	25.00	0.00007	190.00	20.00	0.00006
190.00	17.00	0.00006	190.00	15.00	0.00006
190.00	13.00	0.00006	190.00	11.00	0.00006
190.00	9.00	0.00006	190.00	-9.00	0.00006
190.00	-11.00	0.00006	190.00	-13.00	0.00005
190.00	-15.00	0.00005	190.00	-17.00	0.00005
190.00	-20.00	0.00005	190.00	-25.00	0.00005
190.00	-30.00	0.00005	190.00	-40.00	0.00005
190.00	-50.00	0.00004	190.00	-60.00	0.00004
190.00	-70.00	0.00004	190.00	-80.00	0.00004
190.00	-90.00	0.00004	190.00	-100.00	0.00004
200.00	100.00	0.00007	200.00	90.00	0.00007
200.00	80.00	0.00007	200.00	70.00	0.00007
200.00	60.00	0.00007	200.00	50.00	0.00007
200.00	40.00	0.00007	200.00	30.00	0.00006
200.00	25.00	0.00006	200.00	20.00	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 17:21:52 *** Maximum train overlap at East/West Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00006	200.00	15.00	0.00006
200.00	13.00	0.00006	200.00	11.00	0.00006
200.00	9.00	0.00006	200.00	-9.00	0.00005
200.00	-11.00	0.00005	200.00	-13.00	0.00005
200.00	-15.00	0.00005	200.00	-17.00	0.00005
200.00	-20.00	0.00005	200.00	-25.00	0.00005
200.00	-30.00	0.00005	200.00	-40.00	0.00004
200.00	-50.00	0.00004	200.00	-60.00	0.00004
200.00	-70.00	0.00004	200.00	-80.00	0.00004
200.00	-90.00	0.00004	200.00	-100.00	0.00004
210.00	100.00	0.00007	210.00	90.00	0.00007
210.00	80.00	0.00007	210.00	70.00	0.00007

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

210.00	60.00	0.00006	210.00	50.00	0.00006
210.00	40.00	0.00006	210.00	30.00	0.00006
210.00	25.00	0.00006	210.00	20.00	0.00006
210.00	17.00	0.00006	210.00	15.00	0.00006
210.00	13.00	0.00005	210.00	11.00	0.00005
210.00	9.00	0.00005	210.00	-9.00	0.00005
210.00	-11.00	0.00005	210.00	-13.00	0.00005
210.00	-15.00	0.00005	210.00	-17.00	0.00005
210.00	-20.00	0.00005	210.00	-25.00	0.00005
210.00	-30.00	0.00004	210.00	-40.00	0.00004
210.00	-50.00	0.00004	210.00	-60.00	0.00004
210.00	-70.00	0.00004	210.00	-80.00	0.00004
210.00	-90.00	0.00003	210.00	-100.00	0.00003
220.00	100.00	0.00006	220.00	90.00	0.00006
220.00	80.00	0.00006	220.00	70.00	0.00006
220.00	60.00	0.00006	220.00	50.00	0.00006
220.00	40.00	0.00006	220.00	30.00	0.00005
220.00	25.00	0.00005	220.00	20.00	0.00005
220.00	17.00	0.00005	220.00	15.00	0.00005
220.00	13.00	0.00005	220.00	11.00	0.00005
220.00	9.00	0.00005	220.00	-9.00	0.00005
220.00	-11.00	0.00005	220.00	-13.00	0.00005
220.00	-15.00	0.00005	220.00	-17.00	0.00004
220.00	-20.00	0.00004	220.00	-25.00	0.00004
220.00	-30.00	0.00004	220.00	-40.00	0.00004
220.00	-50.00	0.00004	220.00	-60.00	0.00004
220.00	-70.00	0.00003	220.00	-80.00	0.00003
220.00	-90.00	0.00003	220.00	-100.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

17:21:52

*** Maximum train overlap at East/West Bound Direction ***

**MODELOPTs:
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00006	230.00	90.00	0.00006
230.00	80.00	0.00006	230.00	70.00	0.00006
230.00	60.00	0.00006	230.00	50.00	0.00006
230.00	40.00	0.00005	230.00	30.00	0.00005
230.00	25.00	0.00005	230.00	20.00	0.00005
230.00	17.00	0.00005	230.00	15.00	0.00005

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

230.00	13.00	0.00005	230.00	11.00	0.00005
230.00	9.00	0.00005	230.00	-9.00	0.00004
230.00	-11.00	0.00004	230.00	-13.00	0.00004
230.00	-15.00	0.00004	230.00	-17.00	0.00004
230.00	-20.00	0.00004	230.00	-25.00	0.00004
230.00	-30.00	0.00004	230.00	-40.00	0.00004
230.00	-50.00	0.00004	230.00	-60.00	0.00003
230.00	-70.00	0.00003	230.00	-80.00	0.00003
230.00	-90.00	0.00003	230.00	-100.00	0.00003
240.00	100.00	0.00005	240.00	90.00	0.00005
240.00	80.00	0.00005	240.00	70.00	0.00005
240.00	60.00	0.00005	240.00	50.00	0.00005
240.00	40.00	0.00005	240.00	30.00	0.00005
240.00	25.00	0.00005	240.00	20.00	0.00005
240.00	17.00	0.00005	240.00	15.00	0.00005
240.00	13.00	0.00005	240.00	11.00	0.00004
240.00	9.00	0.00004	240.00	-9.00	0.00004
240.00	-11.00	0.00004	240.00	-13.00	0.00004
240.00	-15.00	0.00004	240.00	-17.00	0.00004
240.00	-20.00	0.00004	240.00	-25.00	0.00004
240.00	-30.00	0.00004	240.00	-40.00	0.00004
240.00	-50.00	0.00003	240.00	-60.00	0.00003
240.00	-70.00	0.00003	240.00	-80.00	0.00003
240.00	-90.00	0.00003	240.00	-100.00	0.00003
250.00	100.00	0.00005	250.00	90.00	0.00005
250.00	80.00	0.00005	250.00	70.00	0.00005
250.00	60.00	0.00005	250.00	50.00	0.00005
250.00	40.00	0.00005	250.00	30.00	0.00005
250.00	25.00	0.00004	250.00	20.00	0.00004
250.00	17.00	0.00004	250.00	15.00	0.00004
250.00	13.00	0.00004	250.00	11.00	0.00004
250.00	9.00	0.00004	250.00	-9.00	0.00004
250.00	-11.00	0.00004	250.00	-13.00	0.00004
250.00	-15.00	0.00004	250.00	-17.00	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-----	-----	-----	-----	-----	-----

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

250.00	-20.00	0.00004	250.00	-25.00	0.00004
250.00	-30.00	0.00004	250.00	-40.00	0.00003
250.00	-50.00	0.00003	250.00	-60.00	0.00003
250.00	-70.00	0.00003	250.00	-80.00	0.00003
250.00	-90.00	0.00003	250.00	-100.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00067	-250.00	90.00	0.00070
-250.00	80.00	0.00073	-250.00	70.00	0.00076
-250.00	60.00	0.00078	-250.00	50.00	0.00081
-250.00	40.00	0.00085	-250.00	30.00	0.00093
-250.00	25.00	0.00101	-250.00	20.00	0.00111
-250.00	17.00	0.00120	-250.00	15.00	0.00127
-250.00	13.00	0.00134	-250.00	11.00	0.00142
-250.00	9.00	0.00151	-250.00	-9.00	0.00246
-250.00	-11.00	0.00255	-250.00	-13.00	0.00263
-250.00	-15.00	0.00268	-250.00	-17.00	0.00272
-250.00	-20.00	0.00276	-250.00	-25.00	0.00278
-250.00	-30.00	0.00274	-250.00	-40.00	0.00255
-250.00	-50.00	0.00231	-250.00	-60.00	0.00206
-250.00	-70.00	0.00182	-250.00	-80.00	0.00161
-250.00	-90.00	0.00142	-250.00	-100.00	0.00125
-240.00	100.00	0.00085	-240.00	90.00	0.00091
-240.00	80.00	0.00097	-240.00	70.00	0.00103
-240.00	60.00	0.00109	-240.00	50.00	0.00113
-240.00	40.00	0.00117	-240.00	30.00	0.00121
-240.00	25.00	0.00125	-240.00	20.00	0.00131
-240.00	17.00	0.00138	-240.00	15.00	0.00145
-240.00	13.00	0.00153	-240.00	11.00	0.00162
-240.00	9.00	0.00173	-240.00	-9.00	0.00318
-240.00	-11.00	0.00327	-240.00	-13.00	0.00334
-240.00	-15.00	0.00338	-240.00	-17.00	0.00340
-240.00	-20.00	0.00340	-240.00	-25.00	0.00334
-240.00	-30.00	0.00322	-240.00	-40.00	0.00292
-240.00	-50.00	0.00259	-240.00	-60.00	0.00227
-240.00	-70.00	0.00198	-240.00	-80.00	0.00172

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-240.00	-90.00	0.00150	-240.00	-100.00	0.00131
-230.00	100.00	0.00107	-230.00	90.00	0.00117
-230.00	80.00	0.00128	-230.00	70.00	0.00141
-230.00	60.00	0.00154	-230.00	50.00	0.00168
-230.00	40.00	0.00182	-230.00	30.00	0.00194
-230.00	25.00	0.00198	-230.00	20.00	0.00201
-230.00	17.00	0.00202	-230.00	15.00	0.00203
-230.00	13.00	0.00204	-230.00	11.00	0.00208
-230.00	9.00	0.00215	-230.00	-9.00	0.00426
-230.00	-11.00	0.00427	-230.00	-13.00	0.00425
-230.00	-15.00	0.00422	-230.00	-17.00	0.00418

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00410	-230.00	-25.00	0.00392
-230.00	-30.00	0.00372	-230.00	-40.00	0.00329
-230.00	-50.00	0.00285	-230.00	-60.00	0.00245
-230.00	-70.00	0.00211	-230.00	-80.00	0.00181
-230.00	-90.00	0.00156	-230.00	-100.00	0.00135
-220.00	100.00	0.00128	-220.00	90.00	0.00142
-220.00	80.00	0.00159	-220.00	70.00	0.00180
-220.00	60.00	0.00203	-220.00	50.00	0.00231
-220.00	40.00	0.00264	-220.00	30.00	0.00303
-220.00	25.00	0.00325	-220.00	20.00	0.00351
-220.00	17.00	0.00367	-220.00	15.00	0.00379
-220.00	13.00	0.00393	-220.00	11.00	0.00409
-220.00	9.00	0.00431	-220.00	-9.00	0.00533
-220.00	-11.00	0.00519	-220.00	-13.00	0.00506
-220.00	-15.00	0.00494	-220.00	-17.00	0.00483
-220.00	-20.00	0.00466	-220.00	-25.00	0.00438
-220.00	-30.00	0.00410	-220.00	-40.00	0.00354
-220.00	-50.00	0.00302	-220.00	-60.00	0.00257
-220.00	-70.00	0.00218	-220.00	-80.00	0.00185
-220.00	-90.00	0.00158	-220.00	-100.00	0.00136
-210.00	100.00	0.00146	-210.00	90.00	0.00164
-210.00	80.00	0.00186	-210.00	70.00	0.00212
-210.00	60.00	0.00243	-210.00	50.00	0.00280

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-210.00	40.00	0.00324	-210.00	30.00	0.00377
-210.00	25.00	0.00407	-210.00	20.00	0.00442
-210.00	17.00	0.00464	-210.00	15.00	0.00479
-210.00	13.00	0.00494	-210.00	11.00	0.00510
-210.00	9.00	0.00528	-210.00	-9.00	0.00549
-210.00	-11.00	0.00534	-210.00	-13.00	0.00521
-210.00	-15.00	0.00510	-210.00	-17.00	0.00499
-210.00	-20.00	0.00482	-210.00	-25.00	0.00452
-210.00	-30.00	0.00422	-210.00	-40.00	0.00362
-210.00	-50.00	0.00307	-210.00	-60.00	0.00258
-210.00	-70.00	0.00217	-210.00	-80.00	0.00183
-210.00	-90.00	0.00156	-210.00	-100.00	0.00134
-200.00	100.00	0.00160	-200.00	90.00	0.00181
-200.00	80.00	0.00206	-200.00	70.00	0.00236
-200.00	60.00	0.00271	-200.00	50.00	0.00314
-200.00	40.00	0.00364	-200.00	30.00	0.00424
-200.00	25.00	0.00457	-200.00	20.00	0.00491

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 105

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00512	-200.00	15.00	0.00525
-200.00	13.00	0.00537	-200.00	11.00	0.00550
-200.00	9.00	0.00565	-200.00	-9.00	0.00546
-200.00	-11.00	0.00529	-200.00	-13.00	0.00516
-200.00	-15.00	0.00504	-200.00	-17.00	0.00492
-200.00	-20.00	0.00474	-200.00	-25.00	0.00445
-200.00	-30.00	0.00415	-200.00	-40.00	0.00356
-200.00	-50.00	0.00300	-200.00	-60.00	0.00251
-200.00	-70.00	0.00210	-200.00	-80.00	0.00177
-200.00	-90.00	0.00151	-200.00	-100.00	0.00130
-190.00	100.00	0.00169	-190.00	90.00	0.00192
-190.00	80.00	0.00219	-190.00	70.00	0.00252
-190.00	60.00	0.00291	-190.00	50.00	0.00338
-190.00	40.00	0.00392	-190.00	30.00	0.00452
-190.00	25.00	0.00484	-190.00	20.00	0.00515
-190.00	17.00	0.00533	-190.00	15.00	0.00544
-190.00	13.00	0.00555	-190.00	11.00	0.00565

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-190.00	9.00	0.00577	-190.00	-9.00	0.00532
-190.00	-11.00	0.00514	-190.00	-13.00	0.00499
-190.00	-15.00	0.00485	-190.00	-17.00	0.00473
-190.00	-20.00	0.00455	-190.00	-25.00	0.00425
-190.00	-30.00	0.00396	-190.00	-40.00	0.00337
-190.00	-50.00	0.00283	-190.00	-60.00	0.00237
-190.00	-70.00	0.00199	-190.00	-80.00	0.00168
-190.00	-90.00	0.00144	-190.00	-100.00	0.00124
-180.00	100.00	0.00174	-180.00	90.00	0.00198
-180.00	80.00	0.00227	-180.00	70.00	0.00262
-180.00	60.00	0.00303	-180.00	50.00	0.00352
-180.00	40.00	0.00407	-180.00	30.00	0.00467
-180.00	25.00	0.00497	-180.00	20.00	0.00525
-180.00	17.00	0.00540	-180.00	15.00	0.00549
-180.00	13.00	0.00558	-180.00	11.00	0.00567
-180.00	9.00	0.00577	-180.00	-9.00	0.00509
-180.00	-11.00	0.00488	-180.00	-13.00	0.00471
-180.00	-15.00	0.00456	-180.00	-17.00	0.00443
-180.00	-20.00	0.00424	-180.00	-25.00	0.00394
-180.00	-30.00	0.00365	-180.00	-40.00	0.00309
-180.00	-50.00	0.00259	-180.00	-60.00	0.00217
-180.00	-70.00	0.00183	-180.00	-80.00	0.00156
-180.00	-90.00	0.00133	-180.00	-100.00	0.00115

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTS:
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00173	-170.00	90.00	0.00198
-170.00	80.00	0.00228	-170.00	70.00	0.00264
-170.00	60.00	0.00307	-170.00	50.00	0.00357
-170.00	40.00	0.00413	-170.00	30.00	0.00471
-170.00	25.00	0.00500	-170.00	20.00	0.00525
-170.00	17.00	0.00538	-170.00	15.00	0.00546
-170.00	13.00	0.00553	-170.00	11.00	0.00559
-170.00	9.00	0.00566	-170.00	-9.00	0.00472
-170.00	-11.00	0.00449	-170.00	-13.00	0.00431
-170.00	-15.00	0.00415	-170.00	-17.00	0.00400
-170.00	-20.00	0.00381	-170.00	-25.00	0.00351

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-170.00	-30.00	0.00323	-170.00	-40.00	0.00272
-170.00	-50.00	0.00229	-170.00	-60.00	0.00194
-170.00	-70.00	0.00165	-170.00	-80.00	0.00141
-170.00	-90.00	0.00121	-170.00	-100.00	0.00104
-160.00	100.00	0.00167	-160.00	90.00	0.00192
-160.00	80.00	0.00222	-160.00	70.00	0.00258
-160.00	60.00	0.00300	-160.00	50.00	0.00350
-160.00	40.00	0.00406	-160.00	30.00	0.00466
-160.00	25.00	0.00494	-160.00	20.00	0.00519
-160.00	17.00	0.00531	-160.00	15.00	0.00537
-160.00	13.00	0.00542	-160.00	11.00	0.00545
-160.00	9.00	0.00550	-160.00	-9.00	0.00420
-160.00	-11.00	0.00395	-160.00	-13.00	0.00375
-160.00	-15.00	0.00358	-160.00	-17.00	0.00344
-160.00	-20.00	0.00324	-160.00	-25.00	0.00296
-160.00	-30.00	0.00271	-160.00	-40.00	0.00230
-160.00	-50.00	0.00196	-160.00	-60.00	0.00167
-160.00	-70.00	0.00143	-160.00	-80.00	0.00123
-160.00	-90.00	0.00106	-160.00	-100.00	0.00092
-150.00	100.00	0.00155	-150.00	90.00	0.00178
-150.00	80.00	0.00205	-150.00	70.00	0.00238
-150.00	60.00	0.00277	-150.00	50.00	0.00324
-150.00	40.00	0.00380	-150.00	30.00	0.00442
-150.00	25.00	0.00474	-150.00	20.00	0.00502
-150.00	17.00	0.00515	-150.00	15.00	0.00521
-150.00	13.00	0.00525	-150.00	11.00	0.00527
-150.00	9.00	0.00528	-150.00	-9.00	0.00345
-150.00	-11.00	0.00318	-150.00	-13.00	0.00298
-150.00	-15.00	0.00282	-150.00	-17.00	0.00269

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
 PAGE 107

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00253	-150.00	-25.00	0.00232
-150.00	-30.00	0.00214	-150.00	-40.00	0.00184
-150.00	-50.00	0.00159	-150.00	-60.00	0.00137
-150.00	-70.00	0.00118	-150.00	-80.00	0.00103
-150.00	-90.00	0.00090	-150.00	-100.00	0.00080

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-140.00	100.00	0.00139	-140.00	90.00	0.00157
-140.00	80.00	0.00179	-140.00	70.00	0.00205
-140.00	60.00	0.00236	-140.00	50.00	0.00273
-140.00	40.00	0.00317	-140.00	30.00	0.00370
-140.00	25.00	0.00400	-140.00	20.00	0.00432
-140.00	17.00	0.00450	-140.00	15.00	0.00461
-140.00	13.00	0.00471	-140.00	11.00	0.00479
-140.00	9.00	0.00485	-140.00	-9.00	0.00229
-140.00	-11.00	0.00211	-140.00	-13.00	0.00198
-140.00	-15.00	0.00189	-140.00	-17.00	0.00182
-140.00	-20.00	0.00173	-140.00	-25.00	0.00162
-140.00	-30.00	0.00152	-140.00	-40.00	0.00135
-140.00	-50.00	0.00120	-140.00	-60.00	0.00107
-140.00	-70.00	0.00094	-140.00	-80.00	0.00084
-140.00	-90.00	0.00075	-140.00	-100.00	0.00067
-130.00	100.00	0.00120	-130.00	90.00	0.00135
-130.00	80.00	0.00151	-130.00	70.00	0.00169
-130.00	60.00	0.00190	-130.00	50.00	0.00212
-130.00	40.00	0.00236	-130.00	30.00	0.00260
-130.00	25.00	0.00271	-130.00	20.00	0.00279
-130.00	17.00	0.00281	-130.00	15.00	0.00280
-130.00	13.00	0.00278	-130.00	11.00	0.00272
-130.00	9.00	0.00262	-130.00	-9.00	0.00111
-130.00	-11.00	0.00108	-130.00	-13.00	0.00106
-130.00	-15.00	0.00104	-130.00	-17.00	0.00103
-130.00	-20.00	0.00102	-130.00	-25.00	0.00101
-130.00	-30.00	0.00099	-130.00	-40.00	0.00094
-130.00	-50.00	0.00088	-130.00	-60.00	0.00081
-130.00	-70.00	0.00074	-130.00	-80.00	0.00067
-130.00	-90.00	0.00061	-130.00	-100.00	0.00056
-120.00	100.00	0.00103	-120.00	90.00	0.00114
-120.00	80.00	0.00125	-120.00	70.00	0.00137
-120.00	60.00	0.00150	-120.00	50.00	0.00163
-120.00	40.00	0.00175	-120.00	30.00	0.00183
-120.00	25.00	0.00184	-120.00	20.00	0.00182

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 17:21:52
 **MODELOPTs:
 PAGE 108
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

 INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00178	-120.00	15.00	0.00174
-120.00	13.00	0.00169	-120.00	11.00	0.00164
-120.00	9.00	0.00157	-120.00	-9.00	0.00081
-120.00	-11.00	0.00077	-120.00	-13.00	0.00074
-120.00	-15.00	0.00072	-120.00	-17.00	0.00070
-120.00	-20.00	0.00069	-120.00	-25.00	0.00068
-120.00	-30.00	0.00068	-120.00	-40.00	0.00067
-120.00	-50.00	0.00065	-120.00	-60.00	0.00062
-120.00	-70.00	0.00058	-120.00	-80.00	0.00054
-120.00	-90.00	0.00050	-120.00	-100.00	0.00046
-110.00	100.00	0.00089	-110.00	90.00	0.00096
-110.00	80.00	0.00104	-110.00	70.00	0.00112
-110.00	60.00	0.00120	-110.00	50.00	0.00128
-110.00	40.00	0.00132	-110.00	30.00	0.00131
-110.00	25.00	0.00129	-110.00	20.00	0.00125
-110.00	17.00	0.00121	-110.00	15.00	0.00118
-110.00	13.00	0.00115	-110.00	11.00	0.00112
-110.00	9.00	0.00108	-110.00	-9.00	0.00065
-110.00	-11.00	0.00061	-110.00	-13.00	0.00059
-110.00	-15.00	0.00056	-110.00	-17.00	0.00055
-110.00	-20.00	0.00053	-110.00	-25.00	0.00051
-110.00	-30.00	0.00050	-110.00	-40.00	0.00050
-110.00	-50.00	0.00049	-110.00	-60.00	0.00048
-110.00	-70.00	0.00046	-110.00	-80.00	0.00044
-110.00	-90.00	0.00041	-110.00	-100.00	0.00039
-100.00	100.00	0.00076	-100.00	90.00	0.00082
-100.00	80.00	0.00087	-100.00	70.00	0.00093
-100.00	60.00	0.00097	-100.00	50.00	0.00100
-100.00	40.00	0.00100	-100.00	30.00	0.00097
-100.00	25.00	0.00094	-100.00	20.00	0.00091
-100.00	17.00	0.00089	-100.00	15.00	0.00087
-100.00	13.00	0.00085	-100.00	11.00	0.00083
-100.00	9.00	0.00080	-100.00	-9.00	0.00053
-100.00	-11.00	0.00050	-100.00	-13.00	0.00048
-100.00	-15.00	0.00046	-100.00	-17.00	0.00045
-100.00	-20.00	0.00043	-100.00	-25.00	0.00041
-100.00	-30.00	0.00040	-100.00	-40.00	0.00038
-100.00	-50.00	0.00038	-100.00	-60.00	0.00037
-100.00	-70.00	0.00036	-100.00	-80.00	0.00035
-100.00	-90.00	0.00034	-100.00	-100.00	0.00032

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00066	-90.00	90.00	0.00070
-90.00	80.00	0.00073	-90.00	70.00	0.00076
-90.00	60.00	0.00078	-90.00	50.00	0.00078
-90.00	40.00	0.00077	-90.00	30.00	0.00074
-90.00	25.00	0.00072	-90.00	20.00	0.00070
-90.00	17.00	0.00068	-90.00	15.00	0.00067
-90.00	13.00	0.00066	-90.00	11.00	0.00064
-90.00	9.00	0.00062	-90.00	-9.00	0.00044
-90.00	-11.00	0.00042	-90.00	-13.00	0.00040
-90.00	-15.00	0.00039	-90.00	-17.00	0.00038
-90.00	-20.00	0.00036	-90.00	-25.00	0.00034
-90.00	-30.00	0.00033	-90.00	-40.00	0.00031
-90.00	-50.00	0.00030	-90.00	-60.00	0.00030
-90.00	-70.00	0.00029	-90.00	-80.00	0.00029
-90.00	-90.00	0.00028	-90.00	-100.00	0.00027
-80.00	100.00	0.00057	-80.00	90.00	0.00060
-80.00	80.00	0.00062	-80.00	70.00	0.00063
-80.00	60.00	0.00063	-80.00	50.00	0.00062
-80.00	40.00	0.00061	-80.00	30.00	0.00058
-80.00	25.00	0.00057	-80.00	20.00	0.00056
-80.00	17.00	0.00054	-80.00	15.00	0.00054
-80.00	13.00	0.00052	-80.00	11.00	0.00051
-80.00	9.00	0.00050	-80.00	-9.00	0.00037
-80.00	-11.00	0.00035	-80.00	-13.00	0.00034
-80.00	-15.00	0.00033	-80.00	-17.00	0.00032
-80.00	-20.00	0.00031	-80.00	-25.00	0.00029
-80.00	-30.00	0.00027	-80.00	-40.00	0.00026
-80.00	-50.00	0.00025	-80.00	-60.00	0.00025
-80.00	-70.00	0.00024	-80.00	-80.00	0.00024
-80.00	-90.00	0.00023	-80.00	-100.00	0.00023
-70.00	100.00	0.00049	-70.00	90.00	0.00051
-70.00	80.00	0.00052	-70.00	70.00	0.00052
-70.00	60.00	0.00052	-70.00	50.00	0.00051
-70.00	40.00	0.00049	-70.00	30.00	0.00047
-70.00	25.00	0.00046	-70.00	20.00	0.00045
-70.00	17.00	0.00044	-70.00	15.00	0.00044
-70.00	13.00	0.00043	-70.00	11.00	0.00042

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-70.00	9.00	0.00041	-70.00	-9.00	0.00031
-70.00	-11.00	0.00030	-70.00	-13.00	0.00029
-70.00	-15.00	0.00028	-70.00	-17.00	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

PAGE 110

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00026	-70.00	-25.00	0.00025
-70.00	-30.00	0.00024	-70.00	-40.00	0.00022
-70.00	-50.00	0.00021	-70.00	-60.00	0.00021
-70.00	-70.00	0.00020	-70.00	-80.00	0.00020
-70.00	-90.00	0.00020	-70.00	-100.00	0.00019
-60.00	100.00	0.00043	-60.00	90.00	0.00043
-60.00	80.00	0.00044	-60.00	70.00	0.00043
-60.00	60.00	0.00043	-60.00	50.00	0.00042
-60.00	40.00	0.00040	-60.00	30.00	0.00039
-60.00	25.00	0.00039	-60.00	20.00	0.00038
-60.00	17.00	0.00037	-60.00	15.00	0.00036
-60.00	13.00	0.00036	-60.00	11.00	0.00035
-60.00	9.00	0.00034	-60.00	-9.00	0.00027
-60.00	-11.00	0.00026	-60.00	-13.00	0.00025
-60.00	-15.00	0.00024	-60.00	-17.00	0.00024
-60.00	-20.00	0.00023	-60.00	-25.00	0.00022
-60.00	-30.00	0.00020	-60.00	-40.00	0.00019
-60.00	-50.00	0.00018	-60.00	-60.00	0.00018
-60.00	-70.00	0.00017	-60.00	-80.00	0.00017
-60.00	-90.00	0.00017	-60.00	-100.00	0.00017
-50.00	100.00	0.00037	-50.00	90.00	0.00037
-50.00	80.00	0.00037	-50.00	70.00	0.00037
-50.00	60.00	0.00036	-50.00	50.00	0.00035
-50.00	40.00	0.00034	-50.00	30.00	0.00033
-50.00	25.00	0.00033	-50.00	20.00	0.00032
-50.00	17.00	0.00031	-50.00	15.00	0.00031
-50.00	13.00	0.00030	-50.00	11.00	0.00029
-50.00	9.00	0.00029	-50.00	-9.00	0.00023
-50.00	-11.00	0.00023	-50.00	-13.00	0.00022
-50.00	-15.00	0.00021	-50.00	-17.00	0.00021
-50.00	-20.00	0.00020	-50.00	-25.00	0.00019

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-50.00	-30.00	0.00018	-50.00	-40.00	0.00017
-50.00	-50.00	0.00016	-50.00	-60.00	0.00015
-50.00	-70.00	0.00015	-50.00	-80.00	0.00015
-50.00	-90.00	0.00015	-50.00	-100.00	0.00014
-40.00	100.00	0.00032	-40.00	90.00	0.00032
-40.00	80.00	0.00032	-40.00	70.00	0.00031
-40.00	60.00	0.00031	-40.00	50.00	0.00030
-40.00	40.00	0.00029	-40.00	30.00	0.00029
-40.00	25.00	0.00028	-40.00	20.00	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00027	-40.00	15.00	0.00026
-40.00	13.00	0.00026	-40.00	11.00	0.00025
-40.00	9.00	0.00025	-40.00	-9.00	0.00020
-40.00	-11.00	0.00020	-40.00	-13.00	0.00019
-40.00	-15.00	0.00019	-40.00	-17.00	0.00018
-40.00	-20.00	0.00018	-40.00	-25.00	0.00017
-40.00	-30.00	0.00016	-40.00	-40.00	0.00015
-40.00	-50.00	0.00014	-40.00	-60.00	0.00013
-40.00	-70.00	0.00013	-40.00	-80.00	0.00013
-40.00	-90.00	0.00013	-40.00	-100.00	0.00013
-30.00	100.00	0.00028	-30.00	90.00	0.00028
-30.00	80.00	0.00027	-30.00	70.00	0.00027
-30.00	60.00	0.00026	-30.00	50.00	0.00026
-30.00	40.00	0.00025	-30.00	30.00	0.00025
-30.00	25.00	0.00024	-30.00	20.00	0.00024
-30.00	17.00	0.00023	-30.00	15.00	0.00023
-30.00	13.00	0.00022	-30.00	11.00	0.00022
-30.00	9.00	0.00021	-30.00	-9.00	0.00018
-30.00	-11.00	0.00017	-30.00	-13.00	0.00017
-30.00	-15.00	0.00017	-30.00	-17.00	0.00016
-30.00	-20.00	0.00016	-30.00	-25.00	0.00015
-30.00	-30.00	0.00014	-30.00	-40.00	0.00013
-30.00	-50.00	0.00012	-30.00	-60.00	0.00012
-30.00	-70.00	0.00012	-30.00	-80.00	0.00011
-30.00	-90.00	0.00011	-30.00	-100.00	0.00011

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-20.00	100.00	0.00024	-20.00	90.00	0.00024
-20.00	80.00	0.00024	-20.00	70.00	0.00023
-20.00	60.00	0.00023	-20.00	50.00	0.00022
-20.00	40.00	0.00022	-20.00	30.00	0.00022
-20.00	25.00	0.00021	-20.00	20.00	0.00021
-20.00	17.00	0.00020	-20.00	15.00	0.00020
-20.00	13.00	0.00019	-20.00	11.00	0.00019
-20.00	9.00	0.00019	-20.00	-9.00	0.00016
-20.00	-11.00	0.00016	-20.00	-13.00	0.00015
-20.00	-15.00	0.00015	-20.00	-17.00	0.00015
-20.00	-20.00	0.00014	-20.00	-25.00	0.00013
-20.00	-30.00	0.00013	-20.00	-40.00	0.00012
-20.00	-50.00	0.00011	-20.00	-60.00	0.00011
-20.00	-70.00	0.00010	-20.00	-80.00	0.00010
-20.00	-90.00	0.00010	-20.00	-100.00	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
 PAGE 112

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00022	-10.00	90.00	0.00021
-10.00	80.00	0.00021	-10.00	70.00	0.00020
-10.00	60.00	0.00020	-10.00	50.00	0.00020
-10.00	40.00	0.00020	-10.00	30.00	0.00019
-10.00	25.00	0.00019	-10.00	20.00	0.00018
-10.00	17.00	0.00018	-10.00	15.00	0.00017
-10.00	13.00	0.00017	-10.00	11.00	0.00017
-10.00	9.00	0.00017	-10.00	-9.00	0.00014
-10.00	-11.00	0.00014	-10.00	-13.00	0.00014
-10.00	-15.00	0.00013	-10.00	-17.00	0.00013
-10.00	-20.00	0.00013	-10.00	-25.00	0.00012
-10.00	-30.00	0.00012	-10.00	-40.00	0.00011
-10.00	-50.00	0.00010	-10.00	-60.00	0.00010
-10.00	-70.00	0.00009	-10.00	-80.00	0.00009
-10.00	-90.00	0.00009	-10.00	-100.00	0.00009
0.00	100.00	0.00019	0.00	90.00	0.00019
0.00	80.00	0.00019	0.00	70.00	0.00018
0.00	60.00	0.00018	0.00	50.00	0.00018
0.00	40.00	0.00018	0.00	30.00	0.00017

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

0.00	25.00	0.00017	0.00	20.00	0.00016
0.00	17.00	0.00016	0.00	15.00	0.00015
0.00	13.00	0.00015	0.00	11.00	0.00015
0.00	9.00	0.00015	0.00	-9.00	0.00013
0.00	-11.00	0.00013	0.00	-13.00	0.00012
0.00	-15.00	0.00012	0.00	-17.00	0.00012
0.00	-20.00	0.00012	0.00	-25.00	0.00011
0.00	-30.00	0.00011	0.00	-40.00	0.00010
0.00	-50.00	0.00009	0.00	-60.00	0.00009
0.00	-70.00	0.00009	0.00	-80.00	0.00008
0.00	-90.00	0.00008	0.00	-100.00	0.00008
10.00	100.00	0.00017	10.00	90.00	0.00017
10.00	80.00	0.00016	10.00	70.00	0.00016
10.00	60.00	0.00016	10.00	50.00	0.00016
10.00	40.00	0.00016	10.00	30.00	0.00015
10.00	25.00	0.00015	10.00	20.00	0.00014
10.00	17.00	0.00014	10.00	15.00	0.00014
10.00	13.00	0.00014	10.00	11.00	0.00013
10.00	9.00	0.00013	10.00	-9.00	0.00012
10.00	-11.00	0.00011	10.00	-13.00	0.00011
10.00	-15.00	0.00011	10.00	-17.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
 PAGE 113

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00011	10.00	-25.00	0.00010
10.00	-30.00	0.00010	10.00	-40.00	0.00009
10.00	-50.00	0.00008	10.00	-60.00	0.00008
10.00	-70.00	0.00008	10.00	-80.00	0.00008
10.00	-90.00	0.00007	10.00	-100.00	0.00007
20.00	100.00	0.00015	20.00	90.00	0.00015
20.00	80.00	0.00015	20.00	70.00	0.00015
20.00	60.00	0.00014	20.00	50.00	0.00014
20.00	40.00	0.00014	20.00	30.00	0.00014
20.00	25.00	0.00013	20.00	20.00	0.00013
20.00	17.00	0.00013	20.00	15.00	0.00012
20.00	13.00	0.00012	20.00	11.00	0.00012
20.00	9.00	0.00012	20.00	-9.00	0.00011

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

20.00	-11.00	0.00010	20.00	-13.00	0.00010
20.00	-15.00	0.00010	20.00	-17.00	0.00010
20.00	-20.00	0.00010	20.00	-25.00	0.00009
20.00	-30.00	0.00009	20.00	-40.00	0.00008
20.00	-50.00	0.00008	20.00	-60.00	0.00007
20.00	-70.00	0.00007	20.00	-80.00	0.00007
20.00	-90.00	0.00007	20.00	-100.00	0.00007
30.00	100.00	0.00014	30.00	90.00	0.00014
30.00	80.00	0.00013	30.00	70.00	0.00013
30.00	60.00	0.00013	30.00	50.00	0.00013
30.00	40.00	0.00013	30.00	30.00	0.00012
30.00	25.00	0.00012	30.00	20.00	0.00012
30.00	17.00	0.00011	30.00	15.00	0.00011
30.00	13.00	0.00011	30.00	11.00	0.00011
30.00	9.00	0.00011	30.00	-9.00	0.00010
30.00	-11.00	0.00009	30.00	-13.00	0.00009
30.00	-15.00	0.00009	30.00	-17.00	0.00009
30.00	-20.00	0.00009	30.00	-25.00	0.00008
30.00	-30.00	0.00008	30.00	-40.00	0.00008
30.00	-50.00	0.00007	30.00	-60.00	0.00007
30.00	-70.00	0.00007	30.00	-80.00	0.00006
30.00	-90.00	0.00006	30.00	-100.00	0.00006
40.00	100.00	0.00012	40.00	90.00	0.00012
40.00	80.00	0.00012	40.00	70.00	0.00012
40.00	60.00	0.00012	40.00	50.00	0.00012
40.00	40.00	0.00012	40.00	30.00	0.00011
40.00	25.00	0.00011	40.00	20.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 114
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00010	40.00	15.00	0.00010
40.00	13.00	0.00010	40.00	11.00	0.00010
40.00	9.00	0.00010	40.00	-9.00	0.00009
40.00	-11.00	0.00009	40.00	-13.00	0.00009
40.00	-15.00	0.00008	40.00	-17.00	0.00008
40.00	-20.00	0.00008	40.00	-25.00	0.00008
40.00	-30.00	0.00008	40.00	-40.00	0.00007

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

40.00	-50.00	0.00007	40.00	-60.00	0.00006
40.00	-70.00	0.00006	40.00	-80.00	0.00006
40.00	-90.00	0.00006	40.00	-100.00	0.00006
50.00	100.00	0.00011	50.00	90.00	0.00011
50.00	80.00	0.00011	50.00	70.00	0.00011
50.00	60.00	0.00011	50.00	50.00	0.00011
50.00	40.00	0.00011	50.00	30.00	0.00010
50.00	25.00	0.00010	50.00	20.00	0.00010
50.00	17.00	0.00009	50.00	15.00	0.00009
50.00	13.00	0.00009	50.00	11.00	0.00009
50.00	9.00	0.00009	50.00	-9.00	0.00008
50.00	-11.00	0.00008	50.00	-13.00	0.00008
50.00	-15.00	0.00008	50.00	-17.00	0.00008
50.00	-20.00	0.00008	50.00	-25.00	0.00007
50.00	-30.00	0.00007	50.00	-40.00	0.00007
50.00	-50.00	0.00006	50.00	-60.00	0.00006
50.00	-70.00	0.00006	50.00	-80.00	0.00005
50.00	-90.00	0.00005	50.00	-100.00	0.00005
60.00	100.00	0.00010	60.00	90.00	0.00010
60.00	80.00	0.00010	60.00	70.00	0.00010
60.00	60.00	0.00010	60.00	50.00	0.00010
60.00	40.00	0.00010	60.00	30.00	0.00009
60.00	25.00	0.00009	60.00	20.00	0.00009
60.00	17.00	0.00009	60.00	15.00	0.00009
60.00	13.00	0.00009	60.00	11.00	0.00008
60.00	9.00	0.00008	60.00	-9.00	0.00007
60.00	-11.00	0.00007	60.00	-13.00	0.00007
60.00	-15.00	0.00007	60.00	-17.00	0.00007
60.00	-20.00	0.00007	60.00	-25.00	0.00007
60.00	-30.00	0.00007	60.00	-40.00	0.00006
60.00	-50.00	0.00006	60.00	-60.00	0.00005
60.00	-70.00	0.00005	60.00	-80.00	0.00005
60.00	-90.00	0.00005	60.00	-100.00	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 115
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00009	70.00	90.00	0.00009

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

70.00	80.00	0.00009	70.00	70.00	0.00009
70.00	60.00	0.00009	70.00	50.00	0.00009
70.00	40.00	0.00009	70.00	30.00	0.00009
70.00	25.00	0.00008	70.00	20.00	0.00008
70.00	17.00	0.00008	70.00	15.00	0.00008
70.00	13.00	0.00008	70.00	11.00	0.00008
70.00	9.00	0.00008	70.00	-9.00	0.00007
70.00	-11.00	0.00007	70.00	-13.00	0.00007
70.00	-15.00	0.00007	70.00	-17.00	0.00007
70.00	-20.00	0.00006	70.00	-25.00	0.00006
70.00	-30.00	0.00006	70.00	-40.00	0.00006
70.00	-50.00	0.00005	70.00	-60.00	0.00005
70.00	-70.00	0.00005	70.00	-80.00	0.00005
70.00	-90.00	0.00005	70.00	-100.00	0.00005
80.00	100.00	0.00009	80.00	90.00	0.00009
80.00	80.00	0.00009	80.00	70.00	0.00009
80.00	60.00	0.00009	80.00	50.00	0.00008
80.00	40.00	0.00008	80.00	30.00	0.00008
80.00	25.00	0.00008	80.00	20.00	0.00008
80.00	17.00	0.00007	80.00	15.00	0.00007
80.00	13.00	0.00007	80.00	11.00	0.00007
80.00	9.00	0.00007	80.00	-9.00	0.00006
80.00	-11.00	0.00006	80.00	-13.00	0.00006
80.00	-15.00	0.00006	80.00	-17.00	0.00006
80.00	-20.00	0.00006	80.00	-25.00	0.00006
80.00	-30.00	0.00006	80.00	-40.00	0.00005
80.00	-50.00	0.00005	80.00	-60.00	0.00005
80.00	-70.00	0.00005	80.00	-80.00	0.00004
80.00	-90.00	0.00004	80.00	-100.00	0.00004
90.00	100.00	0.00008	90.00	90.00	0.00008
90.00	80.00	0.00008	90.00	70.00	0.00008
90.00	60.00	0.00008	90.00	50.00	0.00008
90.00	40.00	0.00008	90.00	30.00	0.00007
90.00	25.00	0.00007	90.00	20.00	0.00007
90.00	17.00	0.00007	90.00	15.00	0.00007
90.00	13.00	0.00007	90.00	11.00	0.00007
90.00	9.00	0.00007	90.00	-9.00	0.00006
90.00	-11.00	0.00006	90.00	-13.00	0.00006
90.00	-15.00	0.00006	90.00	-17.00	0.00006

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
90.00	-20.00	0.00006	90.00	-25.00	0.00005	
90.00	-30.00	0.00005	90.00	-40.00	0.00005	
90.00	-50.00	0.00005	90.00	-60.00	0.00004	
90.00	-70.00	0.00004	90.00	-80.00	0.00004	
90.00	-90.00	0.00004	90.00	-100.00	0.00004	
100.00	100.00	0.00008	100.00	90.00	0.00007	
100.00	80.00	0.00007	100.00	70.00	0.00007	
100.00	60.00	0.00007	100.00	50.00	0.00007	
100.00	40.00	0.00007	100.00	30.00	0.00007	
100.00	25.00	0.00007	100.00	20.00	0.00006	
100.00	17.00	0.00006	100.00	15.00	0.00006	
100.00	13.00	0.00006	100.00	11.00	0.00006	
100.00	9.00	0.00006	100.00	-9.00	0.00006	
100.00	-11.00	0.00006	100.00	-13.00	0.00005	
100.00	-15.00	0.00005	100.00	-17.00	0.00005	
100.00	-20.00	0.00005	100.00	-25.00	0.00005	
100.00	-30.00	0.00005	100.00	-40.00	0.00005	
100.00	-50.00	0.00004	100.00	-60.00	0.00004	
100.00	-70.00	0.00004	100.00	-80.00	0.00004	
100.00	-90.00	0.00004	100.00	-100.00	0.00004	
110.00	100.00	0.00007	110.00	90.00	0.00007	
110.00	80.00	0.00007	110.00	70.00	0.00007	
110.00	60.00	0.00007	110.00	50.00	0.00007	
110.00	40.00	0.00007	110.00	30.00	0.00006	
110.00	25.00	0.00006	110.00	20.00	0.00006	
110.00	17.00	0.00006	110.00	15.00	0.00006	
110.00	13.00	0.00006	110.00	11.00	0.00006	
110.00	9.00	0.00006	110.00	-9.00	0.00005	
110.00	-11.00	0.00005	110.00	-13.00	0.00005	
110.00	-15.00	0.00005	110.00	-17.00	0.00005	
110.00	-20.00	0.00005	110.00	-25.00	0.00005	
110.00	-30.00	0.00005	110.00	-40.00	0.00004	
110.00	-50.00	0.00004	110.00	-60.00	0.00004	
110.00	-70.00	0.00004	110.00	-80.00	0.00004	
110.00	-90.00	0.00004	110.00	-100.00	0.00004	
120.00	100.00	0.00007	120.00	90.00	0.00007	
120.00	80.00	0.00007	120.00	70.00	0.00007	
120.00	60.00	0.00006	120.00	50.00	0.00006	
120.00	40.00	0.00006	120.00	30.00	0.00006	

120.00 25.00 0.00006 120.00 20.00 0.00006

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00006	120.00	15.00	0.00006
120.00	13.00	0.00005	120.00	11.00	0.00005
120.00	9.00	0.00005	120.00	-9.00	0.00005
120.00	-11.00	0.00005	120.00	-13.00	0.00005
120.00	-15.00	0.00005	120.00	-17.00	0.00005
120.00	-20.00	0.00005	120.00	-25.00	0.00005
120.00	-30.00	0.00004	120.00	-40.00	0.00004
120.00	-50.00	0.00004	120.00	-60.00	0.00004
120.00	-70.00	0.00004	120.00	-80.00	0.00004
120.00	-90.00	0.00003	120.00	-100.00	0.00003
130.00	100.00	0.00006	130.00	90.00	0.00006
130.00	80.00	0.00006	130.00	70.00	0.00006
130.00	60.00	0.00006	130.00	50.00	0.00006
130.00	40.00	0.00006	130.00	30.00	0.00005
130.00	25.00	0.00005	130.00	20.00	0.00005
130.00	17.00	0.00005	130.00	15.00	0.00005
130.00	13.00	0.00005	130.00	11.00	0.00005
130.00	9.00	0.00005	130.00	-9.00	0.00005
130.00	-11.00	0.00005	130.00	-13.00	0.00005
130.00	-15.00	0.00005	130.00	-17.00	0.00004
130.00	-20.00	0.00004	130.00	-25.00	0.00004
130.00	-30.00	0.00004	130.00	-40.00	0.00004
130.00	-50.00	0.00004	130.00	-60.00	0.00004
130.00	-70.00	0.00003	130.00	-80.00	0.00003
130.00	-90.00	0.00003	130.00	-100.00	0.00003
140.00	100.00	0.00006	140.00	90.00	0.00006
140.00	80.00	0.00006	140.00	70.00	0.00006
140.00	60.00	0.00006	140.00	50.00	0.00006
140.00	40.00	0.00005	140.00	30.00	0.00005
140.00	25.00	0.00005	140.00	20.00	0.00005
140.00	17.00	0.00005	140.00	15.00	0.00005
140.00	13.00	0.00005	140.00	11.00	0.00005
140.00	9.00	0.00005	140.00	-9.00	0.00004

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

140.00	-11.00	0.00004	140.00	-13.00	0.00004
140.00	-15.00	0.00004	140.00	-17.00	0.00004
140.00	-20.00	0.00004	140.00	-25.00	0.00004
140.00	-30.00	0.00004	140.00	-40.00	0.00004
140.00	-50.00	0.00004	140.00	-60.00	0.00003
140.00	-70.00	0.00003	140.00	-80.00	0.00003
140.00	-90.00	0.00003	140.00	-100.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
 PAGE 118

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00005	150.00	90.00	0.00005
150.00	80.00	0.00005	150.00	70.00	0.00005
150.00	60.00	0.00005	150.00	50.00	0.00005
150.00	40.00	0.00005	150.00	30.00	0.00005
150.00	25.00	0.00005	150.00	20.00	0.00005
150.00	17.00	0.00005	150.00	15.00	0.00005
150.00	13.00	0.00005	150.00	11.00	0.00004
150.00	9.00	0.00004	150.00	-9.00	0.00004
150.00	-11.00	0.00004	150.00	-13.00	0.00004
150.00	-15.00	0.00004	150.00	-17.00	0.00004
150.00	-20.00	0.00004	150.00	-25.00	0.00004
150.00	-30.00	0.00004	150.00	-40.00	0.00004
150.00	-50.00	0.00003	150.00	-60.00	0.00003
150.00	-70.00	0.00003	150.00	-80.00	0.00003
150.00	-90.00	0.00003	150.00	-100.00	0.00003
160.00	100.00	0.00005	160.00	90.00	0.00005
160.00	80.00	0.00005	160.00	70.00	0.00005
160.00	60.00	0.00005	160.00	50.00	0.00005
160.00	40.00	0.00005	160.00	30.00	0.00005
160.00	25.00	0.00004	160.00	20.00	0.00004
160.00	17.00	0.00004	160.00	15.00	0.00004
160.00	13.00	0.00004	160.00	11.00	0.00004
160.00	9.00	0.00004	160.00	-9.00	0.00004
160.00	-11.00	0.00004	160.00	-13.00	0.00004
160.00	-15.00	0.00004	160.00	-17.00	0.00004
160.00	-20.00	0.00004	160.00	-25.00	0.00004
160.00	-30.00	0.00004	160.00	-40.00	0.00003

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

160.00	-50.00	0.00003	160.00	-60.00	0.00003
160.00	-70.00	0.00003	160.00	-80.00	0.00003
160.00	-90.00	0.00003	160.00	-100.00	0.00003
170.00	100.00	0.00005	170.00	90.00	0.00005
170.00	80.00	0.00005	170.00	70.00	0.00005
170.00	60.00	0.00005	170.00	50.00	0.00005
170.00	40.00	0.00004	170.00	30.00	0.00004
170.00	25.00	0.00004	170.00	20.00	0.00004
170.00	17.00	0.00004	170.00	15.00	0.00004
170.00	13.00	0.00004	170.00	11.00	0.00004
170.00	9.00	0.00004	170.00	-9.00	0.00004
170.00	-11.00	0.00004	170.00	-13.00	0.00004
170.00	-15.00	0.00004	170.00	-17.00	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
 PAGE 119

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00004	170.00	-25.00	0.00003
170.00	-30.00	0.00003	170.00	-40.00	0.00003
170.00	-50.00	0.00003	170.00	-60.00	0.00003
170.00	-70.00	0.00003	170.00	-80.00	0.00003
170.00	-90.00	0.00003	170.00	-100.00	0.00003
180.00	100.00	0.00005	180.00	90.00	0.00005
180.00	80.00	0.00005	180.00	70.00	0.00005
180.00	60.00	0.00004	180.00	50.00	0.00004
180.00	40.00	0.00004	180.00	30.00	0.00004
180.00	25.00	0.00004	180.00	20.00	0.00004
180.00	17.00	0.00004	180.00	15.00	0.00004
180.00	13.00	0.00004	180.00	11.00	0.00004
180.00	9.00	0.00004	180.00	-9.00	0.00004
180.00	-11.00	0.00003	180.00	-13.00	0.00003
180.00	-15.00	0.00003	180.00	-17.00	0.00003
180.00	-20.00	0.00003	180.00	-25.00	0.00003
180.00	-30.00	0.00003	180.00	-40.00	0.00003
180.00	-50.00	0.00003	180.00	-60.00	0.00003
180.00	-70.00	0.00003	180.00	-80.00	0.00003
180.00	-90.00	0.00003	180.00	-100.00	0.00002
190.00	100.00	0.00004	190.00	90.00	0.00004

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

190.00	80.00	0.00004	190.00	70.00	0.00004
190.00	60.00	0.00004	190.00	50.00	0.00004
190.00	40.00	0.00004	190.00	30.00	0.00004
190.00	25.00	0.00004	190.00	20.00	0.00004
190.00	17.00	0.00004	190.00	15.00	0.00004
190.00	13.00	0.00004	190.00	11.00	0.00004
190.00	9.00	0.00004	190.00	-9.00	0.00003
190.00	-11.00	0.00003	190.00	-13.00	0.00003
190.00	-15.00	0.00003	190.00	-17.00	0.00003
190.00	-20.00	0.00003	190.00	-25.00	0.00003
190.00	-30.00	0.00003	190.00	-40.00	0.00003
190.00	-50.00	0.00003	190.00	-60.00	0.00003
190.00	-70.00	0.00003	190.00	-80.00	0.00002
190.00	-90.00	0.00002	190.00	-100.00	0.00002
200.00	100.00	0.00004	200.00	90.00	0.00004
200.00	80.00	0.00004	200.00	70.00	0.00004
200.00	60.00	0.00004	200.00	50.00	0.00004
200.00	40.00	0.00004	200.00	30.00	0.00004
200.00	25.00	0.00004	200.00	20.00	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 120

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00003	200.00	15.00	0.00003
200.00	13.00	0.00003	200.00	11.00	0.00003
200.00	9.00	0.00003	200.00	-9.00	0.00003
200.00	-11.00	0.00003	200.00	-13.00	0.00003
200.00	-15.00	0.00003	200.00	-17.00	0.00003
200.00	-20.00	0.00003	200.00	-25.00	0.00003
200.00	-30.00	0.00003	200.00	-40.00	0.00003
200.00	-50.00	0.00003	200.00	-60.00	0.00003
200.00	-70.00	0.00002	200.00	-80.00	0.00002
200.00	-90.00	0.00002	200.00	-100.00	0.00002
210.00	100.00	0.00004	210.00	90.00	0.00004
210.00	80.00	0.00004	210.00	70.00	0.00004
210.00	60.00	0.00004	210.00	50.00	0.00004
210.00	40.00	0.00004	210.00	30.00	0.00003
210.00	25.00	0.00003	210.00	20.00	0.00003

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

210.00	17.00	0.00003	210.00	15.00	0.00003
210.00	13.00	0.00003	210.00	11.00	0.00003
210.00	9.00	0.00003	210.00	-9.00	0.00003
210.00	-11.00	0.00003	210.00	-13.00	0.00003
210.00	-15.00	0.00003	210.00	-17.00	0.00003
210.00	-20.00	0.00003	210.00	-25.00	0.00003
210.00	-30.00	0.00003	210.00	-40.00	0.00003
210.00	-50.00	0.00003	210.00	-60.00	0.00002
210.00	-70.00	0.00002	210.00	-80.00	0.00002
210.00	-90.00	0.00002	210.00	-100.00	0.00002
220.00	100.00	0.00004	220.00	90.00	0.00004
220.00	80.00	0.00004	220.00	70.00	0.00004
220.00	60.00	0.00004	220.00	50.00	0.00004
220.00	40.00	0.00003	220.00	30.00	0.00003
220.00	25.00	0.00003	220.00	20.00	0.00003
220.00	17.00	0.00003	220.00	15.00	0.00003
220.00	13.00	0.00003	220.00	11.00	0.00003
220.00	9.00	0.00003	220.00	-9.00	0.00003
220.00	-11.00	0.00003	220.00	-13.00	0.00003
220.00	-15.00	0.00003	220.00	-17.00	0.00003
220.00	-20.00	0.00003	220.00	-25.00	0.00003
220.00	-30.00	0.00003	220.00	-40.00	0.00003
220.00	-50.00	0.00002	220.00	-60.00	0.00002
220.00	-70.00	0.00002	220.00	-80.00	0.00002
220.00	-90.00	0.00002	220.00	-100.00	0.00002

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
 PAGE 121

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00004	230.00	90.00	0.00004
230.00	80.00	0.00004	230.00	70.00	0.00003
230.00	60.00	0.00003	230.00	50.00	0.00003
230.00	40.00	0.00003	230.00	30.00	0.00003
230.00	25.00	0.00003	230.00	20.00	0.00003
230.00	17.00	0.00003	230.00	15.00	0.00003
230.00	13.00	0.00003	230.00	11.00	0.00003
230.00	9.00	0.00003	230.00	-9.00	0.00003
230.00	-11.00	0.00003	230.00	-13.00	0.00003

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

230.00	-15.00	0.00003	230.00	-17.00	0.00003
230.00	-20.00	0.00003	230.00	-25.00	0.00003
230.00	-30.00	0.00003	230.00	-40.00	0.00002
230.00	-50.00	0.00002	230.00	-60.00	0.00002
230.00	-70.00	0.00002	230.00	-80.00	0.00002
230.00	-90.00	0.00002	230.00	-100.00	0.00002
240.00	100.00	0.00003	240.00	90.00	0.00003
240.00	80.00	0.00003	240.00	70.00	0.00003
240.00	60.00	0.00003	240.00	50.00	0.00003
240.00	40.00	0.00003	240.00	30.00	0.00003
240.00	25.00	0.00003	240.00	20.00	0.00003
240.00	17.00	0.00003	240.00	15.00	0.00003
240.00	13.00	0.00003	240.00	11.00	0.00003
240.00	9.00	0.00003	240.00	-9.00	0.00003
240.00	-11.00	0.00003	240.00	-13.00	0.00003
240.00	-15.00	0.00003	240.00	-17.00	0.00003
240.00	-20.00	0.00003	240.00	-25.00	0.00002
240.00	-30.00	0.00002	240.00	-40.00	0.00002
240.00	-50.00	0.00002	240.00	-60.00	0.00002
240.00	-70.00	0.00002	240.00	-80.00	0.00002
240.00	-90.00	0.00002	240.00	-100.00	0.00002
250.00	100.00	0.00003	250.00	90.00	0.00003
250.00	80.00	0.00003	250.00	70.00	0.00003
250.00	60.00	0.00003	250.00	50.00	0.00003
250.00	40.00	0.00003	250.00	30.00	0.00003
250.00	25.00	0.00003	250.00	20.00	0.00003
250.00	17.00	0.00003	250.00	15.00	0.00003
250.00	13.00	0.00003	250.00	11.00	0.00003
250.00	9.00	0.00003	250.00	-9.00	0.00003
250.00	-11.00	0.00003	250.00	-13.00	0.00002
250.00	-15.00	0.00002	250.00	-17.00	0.00002

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
 PAGE 122

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00002	250.00	-25.00	0.00002
250.00	-30.00	0.00002	250.00	-40.00	0.00002
250.00	-50.00	0.00002	250.00	-60.00	0.00002

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

250.00	-70.00	0.00002	250.00	-80.00	0.00002
250.00	-90.00	0.00002	250.00	-100.00	0.00002

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00108	-250.00	90.00	0.00114
-250.00	80.00	0.00120	-250.00	70.00	0.00127
-250.00	60.00	0.00134	-250.00	50.00	0.00142
-250.00	40.00	0.00152	-250.00	30.00	0.00165
-250.00	25.00	0.00175	-250.00	20.00	0.00189
-250.00	17.00	0.00199	-250.00	15.00	0.00207
-250.00	13.00	0.00216	-250.00	11.00	0.00225
-250.00	9.00	0.00235	-250.00	-9.00	0.00341
-250.00	-11.00	0.00351	-250.00	-13.00	0.00360
-250.00	-15.00	0.00367	-250.00	-17.00	0.00373
-250.00	-20.00	0.00379	-250.00	-25.00	0.00384
-250.00	-30.00	0.00384	-250.00	-40.00	0.00371
-250.00	-50.00	0.00351	-250.00	-60.00	0.00328
-250.00	-70.00	0.00305	-250.00	-80.00	0.00284
-250.00	-90.00	0.00264	-250.00	-100.00	0.00245
-240.00	100.00	0.00129	-240.00	90.00	0.00138
-240.00	80.00	0.00147	-240.00	70.00	0.00157
-240.00	60.00	0.00168	-240.00	50.00	0.00178
-240.00	40.00	0.00188	-240.00	30.00	0.00198
-240.00	25.00	0.00206	-240.00	20.00	0.00216
-240.00	17.00	0.00225	-240.00	15.00	0.00232
-240.00	13.00	0.00241	-240.00	11.00	0.00252
-240.00	9.00	0.00265	-240.00	-9.00	0.00422
-240.00	-11.00	0.00433	-240.00	-13.00	0.00441
-240.00	-15.00	0.00447	-240.00	-17.00	0.00451
-240.00	-20.00	0.00454	-240.00	-25.00	0.00452
-240.00	-30.00	0.00445	-240.00	-40.00	0.00420
-240.00	-50.00	0.00391	-240.00	-60.00	0.00361
-240.00	-70.00	0.00333	-240.00	-80.00	0.00306
-240.00	-90.00	0.00282	-240.00	-100.00	0.00261
-230.00	100.00	0.00153	-230.00	90.00	0.00166
-230.00	80.00	0.00181	-230.00	70.00	0.00198

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-230.00	60.00	0.00217	-230.00	50.00	0.00237
-230.00	40.00	0.00258	-230.00	30.00	0.00278
-230.00	25.00	0.00287	-230.00	20.00	0.00293
-230.00	17.00	0.00296	-230.00	15.00	0.00299
-230.00	13.00	0.00302	-230.00	11.00	0.00307
-230.00	9.00	0.00316	-230.00	-9.00	0.00542
-230.00	-11.00	0.00545	-230.00	-13.00	0.00545
-230.00	-15.00	0.00544	-230.00	-17.00	0.00542

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00537	-230.00	-25.00	0.00525
-230.00	-30.00	0.00510	-230.00	-40.00	0.00472
-230.00	-50.00	0.00432	-230.00	-60.00	0.00394
-230.00	-70.00	0.00359	-230.00	-80.00	0.00328
-230.00	-90.00	0.00300	-230.00	-100.00	0.00276
-220.00	100.00	0.00178	-220.00	90.00	0.00195
-220.00	80.00	0.00216	-220.00	70.00	0.00241
-220.00	60.00	0.00270	-220.00	50.00	0.00305
-220.00	40.00	0.00346	-220.00	30.00	0.00394
-220.00	25.00	0.00421	-220.00	20.00	0.00451
-220.00	17.00	0.00471	-220.00	15.00	0.00485
-220.00	13.00	0.00500	-220.00	11.00	0.00518
-220.00	9.00	0.00542	-220.00	-9.00	0.00663
-220.00	-11.00	0.00651	-220.00	-13.00	0.00641
-220.00	-15.00	0.00632	-220.00	-17.00	0.00624
-220.00	-20.00	0.00611	-220.00	-25.00	0.00589
-220.00	-30.00	0.00565	-220.00	-40.00	0.00515
-220.00	-50.00	0.00467	-220.00	-60.00	0.00421
-220.00	-70.00	0.00381	-220.00	-80.00	0.00346
-220.00	-90.00	0.00315	-220.00	-100.00	0.00288
-210.00	100.00	0.00200	-210.00	90.00	0.00222
-210.00	80.00	0.00247	-210.00	70.00	0.00278
-210.00	60.00	0.00314	-210.00	50.00	0.00359
-210.00	40.00	0.00412	-210.00	30.00	0.00475
-210.00	25.00	0.00512	-210.00	20.00	0.00553
-210.00	17.00	0.00578	-210.00	15.00	0.00595

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-210.00	13.00	0.00613	-210.00	11.00	0.00631
-210.00	9.00	0.00652	-210.00	-9.00	0.00696
-210.00	-11.00	0.00684	-210.00	-13.00	0.00675
-210.00	-15.00	0.00667	-210.00	-17.00	0.00659
-210.00	-20.00	0.00646	-210.00	-25.00	0.00623
-210.00	-30.00	0.00598	-210.00	-40.00	0.00544
-210.00	-50.00	0.00491	-210.00	-60.00	0.00442
-210.00	-70.00	0.00398	-210.00	-80.00	0.00360
-210.00	-90.00	0.00327	-210.00	-100.00	0.00299
-200.00	100.00	0.00219	-200.00	90.00	0.00243
-200.00	80.00	0.00272	-200.00	70.00	0.00307
-200.00	60.00	0.00348	-200.00	50.00	0.00398
-200.00	40.00	0.00459	-200.00	30.00	0.00531
-200.00	25.00	0.00571	-200.00	20.00	0.00613

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00638	-200.00	15.00	0.00654
-200.00	13.00	0.00670	-200.00	11.00	0.00685
-200.00	9.00	0.00703	-200.00	-9.00	0.00714
-200.00	-11.00	0.00702	-200.00	-13.00	0.00692
-200.00	-15.00	0.00684	-200.00	-17.00	0.00676
-200.00	-20.00	0.00664	-200.00	-25.00	0.00642
-200.00	-30.00	0.00617	-200.00	-40.00	0.00563
-200.00	-50.00	0.00508	-200.00	-60.00	0.00457
-200.00	-70.00	0.00412	-200.00	-80.00	0.00372
-200.00	-90.00	0.00337	-200.00	-100.00	0.00307
-190.00	100.00	0.00235	-190.00	90.00	0.00261
-190.00	80.00	0.00293	-190.00	70.00	0.00330
-190.00	60.00	0.00375	-190.00	50.00	0.00430
-190.00	40.00	0.00494	-190.00	30.00	0.00569
-190.00	25.00	0.00609	-190.00	20.00	0.00650
-190.00	17.00	0.00673	-190.00	15.00	0.00688
-190.00	13.00	0.00703	-190.00	11.00	0.00717
-190.00	9.00	0.00733	-190.00	-9.00	0.00727
-190.00	-11.00	0.00714	-190.00	-13.00	0.00704
-190.00	-15.00	0.00696	-190.00	-17.00	0.00688

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-190.00	-20.00	0.00675	-190.00	-25.00	0.00653
-190.00	-30.00	0.00629	-190.00	-40.00	0.00575
-190.00	-50.00	0.00520	-190.00	-60.00	0.00468
-190.00	-70.00	0.00422	-190.00	-80.00	0.00381
-190.00	-90.00	0.00345	-190.00	-100.00	0.00314
-180.00	100.00	0.00248	-180.00	90.00	0.00276
-180.00	80.00	0.00310	-180.00	70.00	0.00350
-180.00	60.00	0.00397	-180.00	50.00	0.00454
-180.00	40.00	0.00519	-180.00	30.00	0.00594
-180.00	25.00	0.00634	-180.00	20.00	0.00673
-180.00	17.00	0.00696	-180.00	15.00	0.00710
-180.00	13.00	0.00724	-180.00	11.00	0.00738
-180.00	9.00	0.00753	-180.00	-9.00	0.00738
-180.00	-11.00	0.00724	-180.00	-13.00	0.00714
-180.00	-15.00	0.00704	-180.00	-17.00	0.00696
-180.00	-20.00	0.00684	-180.00	-25.00	0.00661
-180.00	-30.00	0.00637	-180.00	-40.00	0.00583
-180.00	-50.00	0.00528	-180.00	-60.00	0.00476
-180.00	-70.00	0.00429	-180.00	-80.00	0.00387
-180.00	-90.00	0.00351	-180.00	-100.00	0.00319

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00260	-170.00	90.00	0.00289
-170.00	80.00	0.00324	-170.00	70.00	0.00365
-170.00	60.00	0.00414	-170.00	50.00	0.00472
-170.00	40.00	0.00538	-170.00	30.00	0.00612
-170.00	25.00	0.00651	-170.00	20.00	0.00689
-170.00	17.00	0.00712	-170.00	15.00	0.00726
-170.00	13.00	0.00739	-170.00	11.00	0.00752
-170.00	9.00	0.00767	-170.00	-9.00	0.00746
-170.00	-11.00	0.00732	-170.00	-13.00	0.00721
-170.00	-15.00	0.00711	-170.00	-17.00	0.00703
-170.00	-20.00	0.00690	-170.00	-25.00	0.00667
-170.00	-30.00	0.00642	-170.00	-40.00	0.00589
-170.00	-50.00	0.00533	-170.00	-60.00	0.00481
-170.00	-70.00	0.00434	-170.00	-80.00	0.00392

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-170.00	-90.00	0.00356	-170.00	-100.00	0.00324
-160.00	100.00	0.00270	-160.00	90.00	0.00300
-160.00	80.00	0.00336	-160.00	70.00	0.00378
-160.00	60.00	0.00428	-160.00	50.00	0.00485
-160.00	40.00	0.00551	-160.00	30.00	0.00624
-160.00	25.00	0.00662	-160.00	20.00	0.00701
-160.00	17.00	0.00723	-160.00	15.00	0.00737
-160.00	13.00	0.00750	-160.00	11.00	0.00763
-160.00	9.00	0.00777	-160.00	-9.00	0.00753
-160.00	-11.00	0.00738	-160.00	-13.00	0.00727
-160.00	-15.00	0.00717	-160.00	-17.00	0.00708
-160.00	-20.00	0.00695	-160.00	-25.00	0.00671
-160.00	-30.00	0.00647	-160.00	-40.00	0.00593
-160.00	-50.00	0.00538	-160.00	-60.00	0.00485
-160.00	-70.00	0.00438	-160.00	-80.00	0.00396
-160.00	-90.00	0.00359	-160.00	-100.00	0.00327
-150.00	100.00	0.00278	-150.00	90.00	0.00310
-150.00	80.00	0.00346	-150.00	70.00	0.00388
-150.00	60.00	0.00438	-150.00	50.00	0.00495
-150.00	40.00	0.00561	-150.00	30.00	0.00633
-150.00	25.00	0.00672	-150.00	20.00	0.00710
-150.00	17.00	0.00732	-150.00	15.00	0.00745
-150.00	13.00	0.00758	-150.00	11.00	0.00771
-150.00	9.00	0.00785	-150.00	-9.00	0.00758
-150.00	-11.00	0.00743	-150.00	-13.00	0.00731
-150.00	-15.00	0.00721	-150.00	-17.00	0.00712

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00698	-150.00	-25.00	0.00675
-150.00	-30.00	0.00650	-150.00	-40.00	0.00596
-150.00	-50.00	0.00540	-150.00	-60.00	0.00488
-150.00	-70.00	0.00441	-150.00	-80.00	0.00399
-150.00	-90.00	0.00362	-150.00	-100.00	0.00329
-140.00	100.00	0.00286	-140.00	90.00	0.00317
-140.00	80.00	0.00354	-140.00	70.00	0.00396
-140.00	60.00	0.00446	-140.00	50.00	0.00503

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-140.00	40.00	0.00568	-140.00	30.00	0.00640
-140.00	25.00	0.00679	-140.00	20.00	0.00717
-140.00	17.00	0.00738	-140.00	15.00	0.00751
-140.00	13.00	0.00764	-140.00	11.00	0.00778
-140.00	9.00	0.00792	-140.00	-9.00	0.00762
-140.00	-11.00	0.00747	-140.00	-13.00	0.00734
-140.00	-15.00	0.00724	-140.00	-17.00	0.00715
-140.00	-20.00	0.00701	-140.00	-25.00	0.00678
-140.00	-30.00	0.00652	-140.00	-40.00	0.00598
-140.00	-50.00	0.00542	-140.00	-60.00	0.00490
-140.00	-70.00	0.00443	-140.00	-80.00	0.00400
-140.00	-90.00	0.00363	-140.00	-100.00	0.00331
-130.00	100.00	0.00292	-130.00	90.00	0.00323
-130.00	80.00	0.00360	-130.00	70.00	0.00403
-130.00	60.00	0.00452	-130.00	50.00	0.00509
-130.00	40.00	0.00574	-130.00	30.00	0.00646
-130.00	25.00	0.00684	-130.00	20.00	0.00722
-130.00	17.00	0.00743	-130.00	15.00	0.00756
-130.00	13.00	0.00769	-130.00	11.00	0.00782
-130.00	9.00	0.00796	-130.00	-9.00	0.00765
-130.00	-11.00	0.00750	-130.00	-13.00	0.00737
-130.00	-15.00	0.00727	-130.00	-17.00	0.00718
-130.00	-20.00	0.00704	-130.00	-25.00	0.00680
-130.00	-30.00	0.00654	-130.00	-40.00	0.00599
-130.00	-50.00	0.00544	-130.00	-60.00	0.00491
-130.00	-70.00	0.00444	-130.00	-80.00	0.00401
-130.00	-90.00	0.00364	-130.00	-100.00	0.00332
-120.00	100.00	0.00297	-120.00	90.00	0.00328
-120.00	80.00	0.00365	-120.00	70.00	0.00408
-120.00	60.00	0.00457	-120.00	50.00	0.00514
-120.00	40.00	0.00578	-120.00	30.00	0.00650
-120.00	25.00	0.00688	-120.00	20.00	0.00726

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00747	-120.00	15.00	0.00760
-120.00	13.00	0.00773	-120.00	11.00	0.00785

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-120.00	9.00	0.00799	-120.00	-9.00	0.00767
-120.00	-11.00	0.00751	-120.00	-13.00	0.00739
-120.00	-15.00	0.00729	-120.00	-17.00	0.00719
-120.00	-20.00	0.00705	-120.00	-25.00	0.00681
-120.00	-30.00	0.00656	-120.00	-40.00	0.00600
-120.00	-50.00	0.00545	-120.00	-60.00	0.00492
-120.00	-70.00	0.00444	-120.00	-80.00	0.00402
-120.00	-90.00	0.00365	-120.00	-100.00	0.00332
-110.00	100.00	0.00301	-110.00	90.00	0.00333
-110.00	80.00	0.00369	-110.00	70.00	0.00412
-110.00	60.00	0.00461	-110.00	50.00	0.00518
-110.00	40.00	0.00582	-110.00	30.00	0.00654
-110.00	25.00	0.00691	-110.00	20.00	0.00729
-110.00	17.00	0.00750	-110.00	15.00	0.00763
-110.00	13.00	0.00776	-110.00	11.00	0.00788
-110.00	9.00	0.00801	-110.00	-9.00	0.00768
-110.00	-11.00	0.00753	-110.00	-13.00	0.00741
-110.00	-15.00	0.00730	-110.00	-17.00	0.00721
-110.00	-20.00	0.00707	-110.00	-25.00	0.00682
-110.00	-30.00	0.00657	-110.00	-40.00	0.00601
-110.00	-50.00	0.00545	-110.00	-60.00	0.00492
-110.00	-70.00	0.00445	-110.00	-80.00	0.00402
-110.00	-90.00	0.00365	-110.00	-100.00	0.00332
-100.00	100.00	0.00305	-100.00	90.00	0.00336
-100.00	80.00	0.00373	-100.00	70.00	0.00415
-100.00	60.00	0.00464	-100.00	50.00	0.00521
-100.00	40.00	0.00585	-100.00	30.00	0.00656
-100.00	25.00	0.00694	-100.00	20.00	0.00731
-100.00	17.00	0.00752	-100.00	15.00	0.00765
-100.00	13.00	0.00778	-100.00	11.00	0.00790
-100.00	9.00	0.00803	-100.00	-9.00	0.00770
-100.00	-11.00	0.00754	-100.00	-13.00	0.00742
-100.00	-15.00	0.00731	-100.00	-17.00	0.00722
-100.00	-20.00	0.00707	-100.00	-25.00	0.00683
-100.00	-30.00	0.00657	-100.00	-40.00	0.00601
-100.00	-50.00	0.00545	-100.00	-60.00	0.00492
-100.00	-70.00	0.00445	-100.00	-80.00	0.00402
-100.00	-90.00	0.00365	-100.00	-100.00	0.00332

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00307	-90.00	90.00	0.00339
-90.00	80.00	0.00375	-90.00	70.00	0.00418
-90.00	60.00	0.00467	-90.00	50.00	0.00523
-90.00	40.00	0.00587	-90.00	30.00	0.00658
-90.00	25.00	0.00696	-90.00	20.00	0.00733
-90.00	17.00	0.00754	-90.00	15.00	0.00767
-90.00	13.00	0.00780	-90.00	11.00	0.00792
-90.00	9.00	0.00805	-90.00	-9.00	0.00771
-90.00	-11.00	0.00755	-90.00	-13.00	0.00743
-90.00	-15.00	0.00732	-90.00	-17.00	0.00722
-90.00	-20.00	0.00708	-90.00	-25.00	0.00683
-90.00	-30.00	0.00657	-90.00	-40.00	0.00601
-90.00	-50.00	0.00545	-90.00	-60.00	0.00492
-90.00	-70.00	0.00444	-90.00	-80.00	0.00402
-90.00	-90.00	0.00364	-90.00	-100.00	0.00331
-80.00	100.00	0.00310	-80.00	90.00	0.00341
-80.00	80.00	0.00378	-80.00	70.00	0.00420
-80.00	60.00	0.00468	-80.00	50.00	0.00525
-80.00	40.00	0.00589	-80.00	30.00	0.00660
-80.00	25.00	0.00697	-80.00	20.00	0.00734
-80.00	17.00	0.00755	-80.00	15.00	0.00769
-80.00	13.00	0.00781	-80.00	11.00	0.00793
-80.00	9.00	0.00806	-80.00	-9.00	0.00771
-80.00	-11.00	0.00755	-80.00	-13.00	0.00743
-80.00	-15.00	0.00732	-80.00	-17.00	0.00723
-80.00	-20.00	0.00708	-80.00	-25.00	0.00683
-80.00	-30.00	0.00657	-80.00	-40.00	0.00601
-80.00	-50.00	0.00545	-80.00	-60.00	0.00491
-80.00	-70.00	0.00443	-80.00	-80.00	0.00401
-80.00	-90.00	0.00363	-80.00	-100.00	0.00331
-70.00	100.00	0.00312	-70.00	90.00	0.00343
-70.00	80.00	0.00379	-70.00	70.00	0.00421
-70.00	60.00	0.00470	-70.00	50.00	0.00526
-70.00	40.00	0.00590	-70.00	30.00	0.00661
-70.00	25.00	0.00698	-70.00	20.00	0.00735
-70.00	17.00	0.00757	-70.00	15.00	0.00769
-70.00	13.00	0.00781	-70.00	11.00	0.00793
-70.00	9.00	0.00806	-70.00	-9.00	0.00771
-70.00	-11.00	0.00755	-70.00	-13.00	0.00743
-70.00	-15.00	0.00733	-70.00	-17.00	0.00723

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00708	-70.00	-25.00	0.00683
-70.00	-30.00	0.00657	-70.00	-40.00	0.00601
-70.00	-50.00	0.00544	-70.00	-60.00	0.00491
-70.00	-70.00	0.00442	-70.00	-80.00	0.00400
-70.00	-90.00	0.00362	-70.00	-100.00	0.00329
-60.00	100.00	0.00313	-60.00	90.00	0.00344
-60.00	80.00	0.00381	-60.00	70.00	0.00422
-60.00	60.00	0.00471	-60.00	50.00	0.00527
-60.00	40.00	0.00590	-60.00	30.00	0.00661
-60.00	25.00	0.00699	-60.00	20.00	0.00736
-60.00	17.00	0.00757	-60.00	15.00	0.00770
-60.00	13.00	0.00782	-60.00	11.00	0.00794
-60.00	9.00	0.00807	-60.00	-9.00	0.00772
-60.00	-11.00	0.00756	-60.00	-13.00	0.00743
-60.00	-15.00	0.00732	-60.00	-17.00	0.00722
-60.00	-20.00	0.00707	-60.00	-25.00	0.00683
-60.00	-30.00	0.00656	-60.00	-40.00	0.00600
-60.00	-50.00	0.00543	-60.00	-60.00	0.00489
-60.00	-70.00	0.00441	-60.00	-80.00	0.00398
-60.00	-90.00	0.00361	-60.00	-100.00	0.00328
-50.00	100.00	0.00314	-50.00	90.00	0.00345
-50.00	80.00	0.00381	-50.00	70.00	0.00423
-50.00	60.00	0.00472	-50.00	50.00	0.00527
-50.00	40.00	0.00591	-50.00	30.00	0.00662
-50.00	25.00	0.00699	-50.00	20.00	0.00736
-50.00	17.00	0.00757	-50.00	15.00	0.00770
-50.00	13.00	0.00782	-50.00	11.00	0.00794
-50.00	9.00	0.00808	-50.00	-9.00	0.00772
-50.00	-11.00	0.00756	-50.00	-13.00	0.00742
-50.00	-15.00	0.00731	-50.00	-17.00	0.00721
-50.00	-20.00	0.00707	-50.00	-25.00	0.00682
-50.00	-30.00	0.00655	-50.00	-40.00	0.00599
-50.00	-50.00	0.00542	-50.00	-60.00	0.00488
-50.00	-70.00	0.00439	-50.00	-80.00	0.00397

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-50.00	-90.00	0.00359	-50.00	-100.00	0.00326
-40.00	100.00	0.00315	-40.00	90.00	0.00346
-40.00	80.00	0.00382	-40.00	70.00	0.00424
-40.00	60.00	0.00472	-40.00	50.00	0.00528
-40.00	40.00	0.00591	-40.00	30.00	0.00662
-40.00	25.00	0.00699	-40.00	20.00	0.00736

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00757	-40.00	15.00	0.00769
-40.00	13.00	0.00782	-40.00	11.00	0.00794
-40.00	9.00	0.00807	-40.00	-9.00	0.00770
-40.00	-11.00	0.00755	-40.00	-13.00	0.00742
-40.00	-15.00	0.00731	-40.00	-17.00	0.00721
-40.00	-20.00	0.00706	-40.00	-25.00	0.00681
-40.00	-30.00	0.00654	-40.00	-40.00	0.00597
-40.00	-50.00	0.00540	-40.00	-60.00	0.00486
-40.00	-70.00	0.00438	-40.00	-80.00	0.00395
-40.00	-90.00	0.00357	-40.00	-100.00	0.00324
-30.00	100.00	0.00316	-30.00	90.00	0.00347
-30.00	80.00	0.00383	-30.00	70.00	0.00424
-30.00	60.00	0.00472	-30.00	50.00	0.00528
-30.00	40.00	0.00591	-30.00	30.00	0.00662
-30.00	25.00	0.00699	-30.00	20.00	0.00735
-30.00	17.00	0.00756	-30.00	15.00	0.00769
-30.00	13.00	0.00781	-30.00	11.00	0.00793
-30.00	9.00	0.00806	-30.00	-9.00	0.00769
-30.00	-11.00	0.00753	-30.00	-13.00	0.00740
-30.00	-15.00	0.00730	-30.00	-17.00	0.00720
-30.00	-20.00	0.00705	-30.00	-25.00	0.00679
-30.00	-30.00	0.00652	-30.00	-40.00	0.00595
-30.00	-50.00	0.00538	-30.00	-60.00	0.00484
-30.00	-70.00	0.00435	-30.00	-80.00	0.00392
-30.00	-90.00	0.00355	-30.00	-100.00	0.00322
-20.00	100.00	0.00316	-20.00	90.00	0.00347
-20.00	80.00	0.00383	-20.00	70.00	0.00424
-20.00	60.00	0.00472	-20.00	50.00	0.00528

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-20.00	40.00	0.00591	-20.00	30.00	0.00661
-20.00	25.00	0.00698	-20.00	20.00	0.00735
-20.00	17.00	0.00755	-20.00	15.00	0.00768
-20.00	13.00	0.00780	-20.00	11.00	0.00792
-20.00	9.00	0.00805	-20.00	-9.00	0.00768
-20.00	-11.00	0.00752	-20.00	-13.00	0.00739
-20.00	-15.00	0.00728	-20.00	-17.00	0.00718
-20.00	-20.00	0.00703	-20.00	-25.00	0.00678
-20.00	-30.00	0.00651	-20.00	-40.00	0.00594
-20.00	-50.00	0.00536	-20.00	-60.00	0.00482
-20.00	-70.00	0.00433	-20.00	-80.00	0.00390
-20.00	-90.00	0.00352	-20.00	-100.00	0.00319

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

PAGE 132

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00317	-10.00	90.00	0.00347
-10.00	80.00	0.00383	-10.00	70.00	0.00424
-10.00	60.00	0.00472	-10.00	50.00	0.00527
-10.00	40.00	0.00590	-10.00	30.00	0.00661
-10.00	25.00	0.00697	-10.00	20.00	0.00734
-10.00	17.00	0.00754	-10.00	15.00	0.00767
-10.00	13.00	0.00779	-10.00	11.00	0.00791
-10.00	9.00	0.00803	-10.00	-9.00	0.00766
-10.00	-11.00	0.00750	-10.00	-13.00	0.00737
-10.00	-15.00	0.00726	-10.00	-17.00	0.00716
-10.00	-20.00	0.00701	-10.00	-25.00	0.00676
-10.00	-30.00	0.00649	-10.00	-40.00	0.00591
-10.00	-50.00	0.00533	-10.00	-60.00	0.00479
-10.00	-70.00	0.00430	-10.00	-80.00	0.00387
-10.00	-90.00	0.00349	-10.00	-100.00	0.00317
0.00	100.00	0.00317	0.00	90.00	0.00347
0.00	80.00	0.00382	0.00	70.00	0.00423
0.00	60.00	0.00471	0.00	50.00	0.00526
0.00	40.00	0.00589	0.00	30.00	0.00659
0.00	25.00	0.00696	0.00	20.00	0.00732
0.00	17.00	0.00753	0.00	15.00	0.00766
0.00	13.00	0.00778	0.00	11.00	0.00789

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

0.00	9.00	0.00802	0.00	-9.00	0.00764
0.00	-11.00	0.00748	0.00	-13.00	0.00736
0.00	-15.00	0.00724	0.00	-17.00	0.00714
0.00	-20.00	0.00699	0.00	-25.00	0.00674
0.00	-30.00	0.00646	0.00	-40.00	0.00589
0.00	-50.00	0.00531	0.00	-60.00	0.00476
0.00	-70.00	0.00427	0.00	-80.00	0.00384
0.00	-90.00	0.00346	0.00	-100.00	0.00313
10.00	100.00	0.00317	10.00	90.00	0.00347
10.00	80.00	0.00382	10.00	70.00	0.00423
10.00	60.00	0.00470	10.00	50.00	0.00526
10.00	40.00	0.00588	10.00	30.00	0.00658
10.00	25.00	0.00695	10.00	20.00	0.00731
10.00	17.00	0.00751	10.00	15.00	0.00764
10.00	13.00	0.00776	10.00	11.00	0.00788
10.00	9.00	0.00800	10.00	-9.00	0.00762
10.00	-11.00	0.00746	10.00	-13.00	0.00733
10.00	-15.00	0.00722	10.00	-17.00	0.00712

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 133
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00697	10.00	-25.00	0.00671
10.00	-30.00	0.00644	10.00	-40.00	0.00586
10.00	-50.00	0.00527	10.00	-60.00	0.00473
10.00	-70.00	0.00424	10.00	-80.00	0.00381
10.00	-90.00	0.00343	10.00	-100.00	0.00310
20.00	100.00	0.00316	20.00	90.00	0.00346
20.00	80.00	0.00381	20.00	70.00	0.00422
20.00	60.00	0.00469	20.00	50.00	0.00524
20.00	40.00	0.00587	20.00	30.00	0.00657
20.00	25.00	0.00693	20.00	20.00	0.00729
20.00	17.00	0.00750	20.00	15.00	0.00762
20.00	13.00	0.00774	20.00	11.00	0.00786
20.00	9.00	0.00798	20.00	-9.00	0.00760
20.00	-11.00	0.00744	20.00	-13.00	0.00731
20.00	-15.00	0.00720	20.00	-17.00	0.00709
20.00	-20.00	0.00694	20.00	-25.00	0.00668

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

20.00	-30.00	0.00640	20.00	-40.00	0.00582
20.00	-50.00	0.00524	20.00	-60.00	0.00469
20.00	-70.00	0.00420	20.00	-80.00	0.00377
20.00	-90.00	0.00339	20.00	-100.00	0.00306
30.00	100.00	0.00316	30.00	90.00	0.00346
30.00	80.00	0.00381	30.00	70.00	0.00421
30.00	60.00	0.00468	30.00	50.00	0.00523
30.00	40.00	0.00585	30.00	30.00	0.00654
30.00	25.00	0.00691	30.00	20.00	0.00728
30.00	17.00	0.00748	30.00	15.00	0.00760
30.00	13.00	0.00772	30.00	11.00	0.00784
30.00	9.00	0.00796	30.00	-9.00	0.00758
30.00	-11.00	0.00741	30.00	-13.00	0.00728
30.00	-15.00	0.00717	30.00	-17.00	0.00706
30.00	-20.00	0.00691	30.00	-25.00	0.00665
30.00	-30.00	0.00637	30.00	-40.00	0.00578
30.00	-50.00	0.00520	30.00	-60.00	0.00465
30.00	-70.00	0.00416	30.00	-80.00	0.00372
30.00	-90.00	0.00335	30.00	-100.00	0.00302
40.00	100.00	0.00315	40.00	90.00	0.00345
40.00	80.00	0.00380	40.00	70.00	0.00420
40.00	60.00	0.00467	40.00	50.00	0.00521
40.00	40.00	0.00583	40.00	30.00	0.00652
40.00	25.00	0.00689	40.00	20.00	0.00725

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

PAGE 134

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00745	40.00	15.00	0.00757
40.00	13.00	0.00769	40.00	11.00	0.00781
40.00	9.00	0.00795	40.00	-9.00	0.00755
40.00	-11.00	0.00738	40.00	-13.00	0.00724
40.00	-15.00	0.00713	40.00	-17.00	0.00703
40.00	-20.00	0.00687	40.00	-25.00	0.00661
40.00	-30.00	0.00633	40.00	-40.00	0.00574
40.00	-50.00	0.00515	40.00	-60.00	0.00460
40.00	-70.00	0.00411	40.00	-80.00	0.00368
40.00	-90.00	0.00330	40.00	-100.00	0.00297

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

50.00	100.00	0.00315	50.00	90.00	0.00344
50.00	80.00	0.00379	50.00	70.00	0.00419
50.00	60.00	0.00465	50.00	50.00	0.00519
50.00	40.00	0.00581	50.00	30.00	0.00650
50.00	25.00	0.00686	50.00	20.00	0.00722
50.00	17.00	0.00742	50.00	15.00	0.00754
50.00	13.00	0.00766	50.00	11.00	0.00778
50.00	9.00	0.00791	50.00	-9.00	0.00750
50.00	-11.00	0.00734	50.00	-13.00	0.00721
50.00	-15.00	0.00709	50.00	-17.00	0.00699
50.00	-20.00	0.00683	50.00	-25.00	0.00656
50.00	-30.00	0.00628	50.00	-40.00	0.00569
50.00	-50.00	0.00510	50.00	-60.00	0.00455
50.00	-70.00	0.00405	50.00	-80.00	0.00362
50.00	-90.00	0.00325	50.00	-100.00	0.00292
60.00	100.00	0.00314	60.00	90.00	0.00343
60.00	80.00	0.00377	60.00	70.00	0.00417
60.00	60.00	0.00464	60.00	50.00	0.00517
60.00	40.00	0.00579	60.00	30.00	0.00647
60.00	25.00	0.00683	60.00	20.00	0.00719
60.00	17.00	0.00739	60.00	15.00	0.00751
60.00	13.00	0.00763	60.00	11.00	0.00774
60.00	9.00	0.00787	60.00	-9.00	0.00746
60.00	-11.00	0.00729	60.00	-13.00	0.00716
60.00	-15.00	0.00705	60.00	-17.00	0.00694
60.00	-20.00	0.00678	60.00	-25.00	0.00651
60.00	-30.00	0.00623	60.00	-40.00	0.00563
60.00	-50.00	0.00504	60.00	-60.00	0.00449
60.00	-70.00	0.00399	60.00	-80.00	0.00356
60.00	-90.00	0.00319	60.00	-100.00	0.00286

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00313	70.00	90.00	0.00342
70.00	80.00	0.00376	70.00	70.00	0.00416
70.00	60.00	0.00462	70.00	50.00	0.00515
70.00	40.00	0.00576	70.00	30.00	0.00644

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

70.00	25.00	0.00680	70.00	20.00	0.00715
70.00	17.00	0.00735	70.00	15.00	0.00747
70.00	13.00	0.00759	70.00	11.00	0.00770
70.00	9.00	0.00783	70.00	-9.00	0.00741
70.00	-11.00	0.00724	70.00	-13.00	0.00711
70.00	-15.00	0.00700	70.00	-17.00	0.00689
70.00	-20.00	0.00673	70.00	-25.00	0.00646
70.00	-30.00	0.00617	70.00	-40.00	0.00557
70.00	-50.00	0.00497	70.00	-60.00	0.00442
70.00	-70.00	0.00393	70.00	-80.00	0.00350
70.00	-90.00	0.00312	70.00	-100.00	0.00280
80.00	100.00	0.00311	80.00	90.00	0.00341
80.00	80.00	0.00374	80.00	70.00	0.00414
80.00	60.00	0.00459	80.00	50.00	0.00512
80.00	40.00	0.00573	80.00	30.00	0.00640
80.00	25.00	0.00676	80.00	20.00	0.00711
80.00	17.00	0.00731	80.00	15.00	0.00743
80.00	13.00	0.00754	80.00	11.00	0.00765
80.00	9.00	0.00778	80.00	-9.00	0.00735
80.00	-11.00	0.00719	80.00	-13.00	0.00705
80.00	-15.00	0.00693	80.00	-17.00	0.00683
80.00	-20.00	0.00667	80.00	-25.00	0.00639
80.00	-30.00	0.00610	80.00	-40.00	0.00550
80.00	-50.00	0.00490	80.00	-60.00	0.00434
80.00	-70.00	0.00385	80.00	-80.00	0.00342
80.00	-90.00	0.00305	80.00	-100.00	0.00273
90.00	100.00	0.00310	90.00	90.00	0.00339
90.00	80.00	0.00373	90.00	70.00	0.00412
90.00	60.00	0.00457	90.00	50.00	0.00509
90.00	40.00	0.00569	90.00	30.00	0.00636
90.00	25.00	0.00671	90.00	20.00	0.00706
90.00	17.00	0.00726	90.00	15.00	0.00738
90.00	13.00	0.00749	90.00	11.00	0.00760
90.00	9.00	0.00773	90.00	-9.00	0.00729
90.00	-11.00	0.00712	90.00	-13.00	0.00699
90.00	-15.00	0.00687	90.00	-17.00	0.00676

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W_Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00659	90.00	-25.00	0.00632
90.00	-30.00	0.00602	90.00	-40.00	0.00541
90.00	-50.00	0.00481	90.00	-60.00	0.00426
90.00	-70.00	0.00377	90.00	-80.00	0.00334
90.00	-90.00	0.00297	90.00	-100.00	0.00265
100.00	100.00	0.00308	100.00	90.00	0.00337
100.00	80.00	0.00371	100.00	70.00	0.00409
100.00	60.00	0.00454	100.00	50.00	0.00506
100.00	40.00	0.00565	100.00	30.00	0.00632
100.00	25.00	0.00667	100.00	20.00	0.00701
100.00	17.00	0.00720	100.00	15.00	0.00732
100.00	13.00	0.00744	100.00	11.00	0.00755
100.00	9.00	0.00766	100.00	-9.00	0.00722
100.00	-11.00	0.00705	100.00	-13.00	0.00691
100.00	-15.00	0.00679	100.00	-17.00	0.00668
100.00	-20.00	0.00651	100.00	-25.00	0.00623
100.00	-30.00	0.00593	100.00	-40.00	0.00531
100.00	-50.00	0.00471	100.00	-60.00	0.00416
100.00	-70.00	0.00367	100.00	-80.00	0.00325
100.00	-90.00	0.00288	100.00	-100.00	0.00256
110.00	100.00	0.00306	110.00	90.00	0.00335
110.00	80.00	0.00368	110.00	70.00	0.00407
110.00	60.00	0.00451	110.00	50.00	0.00503
110.00	40.00	0.00561	110.00	30.00	0.00626
110.00	25.00	0.00661	110.00	20.00	0.00695
110.00	17.00	0.00714	110.00	15.00	0.00726
110.00	13.00	0.00737	110.00	11.00	0.00748
110.00	9.00	0.00760	110.00	-9.00	0.00713
110.00	-11.00	0.00696	110.00	-13.00	0.00682
110.00	-15.00	0.00670	110.00	-17.00	0.00658
110.00	-20.00	0.00641	110.00	-25.00	0.00612
110.00	-30.00	0.00582	110.00	-40.00	0.00520
110.00	-50.00	0.00460	110.00	-60.00	0.00405
110.00	-70.00	0.00356	110.00	-80.00	0.00314
110.00	-90.00	0.00278	110.00	-100.00	0.00247
120.00	100.00	0.00304	120.00	90.00	0.00332
120.00	80.00	0.00366	120.00	70.00	0.00404
120.00	60.00	0.00448	120.00	50.00	0.00499
120.00	40.00	0.00556	120.00	30.00	0.00620
120.00	25.00	0.00655	120.00	20.00	0.00688

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00707	120.00	15.00	0.00719
120.00	13.00	0.00730	120.00	11.00	0.00740
120.00	9.00	0.00752	120.00	-9.00	0.00704
120.00	-11.00	0.00686	120.00	-13.00	0.00671
120.00	-15.00	0.00659	120.00	-17.00	0.00647
120.00	-20.00	0.00629	120.00	-25.00	0.00600
120.00	-30.00	0.00569	120.00	-40.00	0.00507
120.00	-50.00	0.00447	120.00	-60.00	0.00392
120.00	-70.00	0.00344	120.00	-80.00	0.00302
120.00	-90.00	0.00267	120.00	-100.00	0.00236
130.00	100.00	0.00301	130.00	90.00	0.00329
130.00	80.00	0.00362	130.00	70.00	0.00401
130.00	60.00	0.00444	130.00	50.00	0.00494
130.00	40.00	0.00551	130.00	30.00	0.00614
130.00	25.00	0.00647	130.00	20.00	0.00680
130.00	17.00	0.00698	130.00	15.00	0.00710
130.00	13.00	0.00720	130.00	11.00	0.00731
130.00	9.00	0.00744	130.00	-9.00	0.00692
130.00	-11.00	0.00674	130.00	-13.00	0.00658
130.00	-15.00	0.00645	130.00	-17.00	0.00633
130.00	-20.00	0.00615	130.00	-25.00	0.00585
130.00	-30.00	0.00554	130.00	-40.00	0.00492
130.00	-50.00	0.00432	130.00	-60.00	0.00377
130.00	-70.00	0.00330	130.00	-80.00	0.00289
130.00	-90.00	0.00254	130.00	-100.00	0.00225
140.00	100.00	0.00297	140.00	90.00	0.00326
140.00	80.00	0.00359	140.00	70.00	0.00397
140.00	60.00	0.00440	140.00	50.00	0.00490
140.00	40.00	0.00545	140.00	30.00	0.00607
140.00	25.00	0.00639	140.00	20.00	0.00671
140.00	17.00	0.00689	140.00	15.00	0.00700
140.00	13.00	0.00710	140.00	11.00	0.00721
140.00	9.00	0.00732	140.00	-9.00	0.00677
140.00	-11.00	0.00658	140.00	-13.00	0.00643
140.00	-15.00	0.00629	140.00	-17.00	0.00617
140.00	-20.00	0.00598	140.00	-25.00	0.00567

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

140.00	-30.00	0.00536	140.00	-40.00	0.00473
140.00	-50.00	0.00414	140.00	-60.00	0.00360
140.00	-70.00	0.00314	140.00	-80.00	0.00274
140.00	-90.00	0.00240	140.00	-100.00	0.00212

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 138
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00293	150.00	90.00	0.00321
150.00	80.00	0.00354	150.00	70.00	0.00392
150.00	60.00	0.00435	150.00	50.00	0.00484
150.00	40.00	0.00539	150.00	30.00	0.00599
150.00	25.00	0.00630	150.00	20.00	0.00661
150.00	17.00	0.00678	150.00	15.00	0.00688
150.00	13.00	0.00698	150.00	11.00	0.00708
150.00	9.00	0.00719	150.00	-9.00	0.00659
150.00	-11.00	0.00640	150.00	-13.00	0.00624
150.00	-15.00	0.00610	150.00	-17.00	0.00597
150.00	-20.00	0.00577	150.00	-25.00	0.00546
150.00	-30.00	0.00514	150.00	-40.00	0.00452
150.00	-50.00	0.00393	150.00	-60.00	0.00340
150.00	-70.00	0.00295	150.00	-80.00	0.00257
150.00	-90.00	0.00225	150.00	-100.00	0.00199
160.00	100.00	0.00287	160.00	90.00	0.00316
160.00	80.00	0.00348	160.00	70.00	0.00386
160.00	60.00	0.00429	160.00	50.00	0.00478
160.00	40.00	0.00532	160.00	30.00	0.00590
160.00	25.00	0.00620	160.00	20.00	0.00649
160.00	17.00	0.00665	160.00	15.00	0.00675
160.00	13.00	0.00684	160.00	11.00	0.00693
160.00	9.00	0.00703	160.00	-9.00	0.00637
160.00	-11.00	0.00617	160.00	-13.00	0.00600
160.00	-15.00	0.00586	160.00	-17.00	0.00572
160.00	-20.00	0.00552	160.00	-25.00	0.00520
160.00	-30.00	0.00488	160.00	-40.00	0.00426
160.00	-50.00	0.00368	160.00	-60.00	0.00318
160.00	-70.00	0.00274	160.00	-80.00	0.00239
160.00	-90.00	0.00210	160.00	-100.00	0.00186

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

170.00	100.00	0.00280	170.00	90.00	0.00309
170.00	80.00	0.00341	170.00	70.00	0.00379
170.00	60.00	0.00422	170.00	50.00	0.00470
170.00	40.00	0.00523	170.00	30.00	0.00580
170.00	25.00	0.00609	170.00	20.00	0.00636
170.00	17.00	0.00651	170.00	15.00	0.00660
170.00	13.00	0.00668	170.00	11.00	0.00676
170.00	9.00	0.00685	170.00	-9.00	0.00610
170.00	-11.00	0.00588	170.00	-13.00	0.00571
170.00	-15.00	0.00555	170.00	-17.00	0.00540

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00520	170.00	-25.00	0.00488
170.00	-30.00	0.00456	170.00	-40.00	0.00395
170.00	-50.00	0.00339	170.00	-60.00	0.00291
170.00	-70.00	0.00252	170.00	-80.00	0.00220
170.00	-90.00	0.00193	170.00	-100.00	0.00172
180.00	100.00	0.00271	180.00	90.00	0.00299
180.00	80.00	0.00332	180.00	70.00	0.00369
180.00	60.00	0.00412	180.00	50.00	0.00460
180.00	40.00	0.00513	180.00	30.00	0.00569
180.00	25.00	0.00596	180.00	20.00	0.00621
180.00	17.00	0.00634	180.00	15.00	0.00642
180.00	13.00	0.00649	180.00	11.00	0.00656
180.00	9.00	0.00664	180.00	-9.00	0.00575
180.00	-11.00	0.00552	180.00	-13.00	0.00533
180.00	-15.00	0.00516	180.00	-17.00	0.00501
180.00	-20.00	0.00480	180.00	-25.00	0.00448
180.00	-30.00	0.00417	180.00	-40.00	0.00358
180.00	-50.00	0.00306	180.00	-60.00	0.00263
180.00	-70.00	0.00228	180.00	-80.00	0.00200
180.00	-90.00	0.00176	180.00	-100.00	0.00157
190.00	100.00	0.00259	190.00	90.00	0.00287
190.00	80.00	0.00318	190.00	70.00	0.00355
190.00	60.00	0.00398	190.00	50.00	0.00446
190.00	40.00	0.00500	190.00	30.00	0.00555

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

190.00	25.00	0.00582	190.00	20.00	0.00605
190.00	17.00	0.00617	190.00	15.00	0.00623
190.00	13.00	0.00629	190.00	11.00	0.00634
190.00	9.00	0.00639	190.00	-9.00	0.00530
190.00	-11.00	0.00505	190.00	-13.00	0.00485
190.00	-15.00	0.00467	190.00	-17.00	0.00452
190.00	-20.00	0.00430	190.00	-25.00	0.00398
190.00	-30.00	0.00368	190.00	-40.00	0.00314
190.00	-50.00	0.00270	190.00	-60.00	0.00233
190.00	-70.00	0.00203	190.00	-80.00	0.00178
190.00	-90.00	0.00158	190.00	-100.00	0.00141
200.00	100.00	0.00243	200.00	90.00	0.00269
200.00	80.00	0.00299	200.00	70.00	0.00335
200.00	60.00	0.00377	200.00	50.00	0.00425
200.00	40.00	0.00480	200.00	30.00	0.00537
200.00	25.00	0.00564	200.00	20.00	0.00587

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00598	200.00	15.00	0.00603
200.00	13.00	0.00606	200.00	11.00	0.00609
200.00	9.00	0.00612	200.00	-9.00	0.00470
200.00	-11.00	0.00443	200.00	-13.00	0.00422
200.00	-15.00	0.00405	200.00	-17.00	0.00389
200.00	-20.00	0.00368	200.00	-25.00	0.00337
200.00	-30.00	0.00311	200.00	-40.00	0.00268
200.00	-50.00	0.00232	200.00	-60.00	0.00202
200.00	-70.00	0.00176	200.00	-80.00	0.00156
200.00	-90.00	0.00138	200.00	-100.00	0.00124
210.00	100.00	0.00222	210.00	90.00	0.00245
210.00	80.00	0.00272	210.00	70.00	0.00305
210.00	60.00	0.00343	210.00	50.00	0.00389
210.00	40.00	0.00443	210.00	30.00	0.00503
210.00	25.00	0.00533	210.00	20.00	0.00560
210.00	17.00	0.00572	210.00	15.00	0.00577
210.00	13.00	0.00580	210.00	11.00	0.00581
210.00	9.00	0.00582	210.00	-9.00	0.00389

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

210.00	-11.00	0.00362	210.00	-13.00	0.00340
210.00	-15.00	0.00323	210.00	-17.00	0.00309
210.00	-20.00	0.00292	210.00	-25.00	0.00269
210.00	-30.00	0.00250	210.00	-40.00	0.00218
210.00	-50.00	0.00191	210.00	-60.00	0.00168
210.00	-70.00	0.00148	210.00	-80.00	0.00132
210.00	-90.00	0.00119	210.00	-100.00	0.00108
220.00	100.00	0.00198	220.00	90.00	0.00216
220.00	80.00	0.00238	220.00	70.00	0.00264
220.00	60.00	0.00294	220.00	50.00	0.00330
220.00	40.00	0.00372	220.00	30.00	0.00423
220.00	25.00	0.00452	220.00	20.00	0.00482
220.00	17.00	0.00500	220.00	15.00	0.00510
220.00	13.00	0.00519	220.00	11.00	0.00526
220.00	9.00	0.00531	220.00	-9.00	0.00269
220.00	-11.00	0.00249	220.00	-13.00	0.00236
220.00	-15.00	0.00226	220.00	-17.00	0.00218
220.00	-20.00	0.00208	220.00	-25.00	0.00195
220.00	-30.00	0.00184	220.00	-40.00	0.00166
220.00	-50.00	0.00149	220.00	-60.00	0.00134
220.00	-70.00	0.00121	220.00	-80.00	0.00110
220.00	-90.00	0.00100	220.00	-100.00	0.00092

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 17:21:52 *** Maximum train overlap at East/West Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00173	230.00	90.00	0.00187
230.00	80.00	0.00203	230.00	70.00	0.00220
230.00	60.00	0.00240	230.00	50.00	0.00262
230.00	40.00	0.00285	230.00	30.00	0.00307
230.00	25.00	0.00317	230.00	20.00	0.00324
230.00	17.00	0.00325	230.00	15.00	0.00324
230.00	13.00	0.00320	230.00	11.00	0.00314
230.00	9.00	0.00304	230.00	-9.00	0.00146
230.00	-11.00	0.00142	230.00	-13.00	0.00140
230.00	-15.00	0.00138	230.00	-17.00	0.00136
230.00	-20.00	0.00134	230.00	-25.00	0.00131
230.00	-30.00	0.00128	230.00	-40.00	0.00122

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

230.00	-50.00	0.00114	230.00	-60.00	0.00106
230.00	-70.00	0.00098	230.00	-80.00	0.00091
230.00	-90.00	0.00084	230.00	-100.00	0.00079
240.00	100.00	0.00150	240.00	90.00	0.00160
240.00	80.00	0.00171	240.00	70.00	0.00183
240.00	60.00	0.00195	240.00	50.00	0.00207
240.00	40.00	0.00218	240.00	30.00	0.00225
240.00	25.00	0.00226	240.00	20.00	0.00222
240.00	17.00	0.00217	240.00	15.00	0.00213
240.00	13.00	0.00207	240.00	11.00	0.00201
240.00	9.00	0.00194	240.00	-9.00	0.00113
240.00	-11.00	0.00108	240.00	-13.00	0.00105
240.00	-15.00	0.00102	240.00	-17.00	0.00100
240.00	-20.00	0.00098	240.00	-25.00	0.00096
240.00	-30.00	0.00095	240.00	-40.00	0.00092
240.00	-50.00	0.00089	240.00	-60.00	0.00085
240.00	-70.00	0.00080	240.00	-80.00	0.00076
240.00	-90.00	0.00071	240.00	-100.00	0.00067
250.00	100.00	0.00131	250.00	90.00	0.00138
250.00	80.00	0.00146	250.00	70.00	0.00153
250.00	60.00	0.00161	250.00	50.00	0.00167
250.00	40.00	0.00171	250.00	30.00	0.00169
250.00	25.00	0.00166	250.00	20.00	0.00161
250.00	17.00	0.00156	250.00	15.00	0.00153
250.00	13.00	0.00150	250.00	11.00	0.00146
250.00	9.00	0.00141	250.00	-9.00	0.00094
250.00	-11.00	0.00090	250.00	-13.00	0.00087
250.00	-15.00	0.00084	250.00	-17.00	0.00082

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00080	250.00	-25.00	0.00077
250.00	-30.00	0.00075	250.00	-40.00	0.00073
250.00	-50.00	0.00071	250.00	-60.00	0.00069
250.00	-70.00	0.00066	250.00	-80.00	0.00063
250.00	-90.00	0.00060	250.00	-100.00	0.00058

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS 0.00577 AT (	170.00, 9.00, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00577 AT (	180.00, 9.00, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00567 AT (	180.00, 11.00, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00566 AT (	190.00, 9.00, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00565 AT (	170.00, 11.00, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00565 AT (	160.00, 9.00, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00559 AT (	190.00, 11.00, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00558 AT (	180.00, 13.00, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00555 AT (	170.00, 13.00, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00553 AT (	190.00, 13.00, 0.00,	1.20) DC	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00577 AT (	80.00, 9.00, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00577 AT (	90.00, 9.00, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00567 AT (	90.00, 11.00, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00566 AT (	100.00, 9.00, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00565 AT (	80.00, 11.00, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00565 AT (	70.00, 9.00, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00559 AT (	100.00, 11.00, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00558 AT (	90.00, 13.00, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00555 AT (	80.00, 13.00, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00553 AT (	100.00, 13.00, 0.00,	1.20) DC	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00577 AT (	-10.00, 9.00, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00577 AT (	0.00, 9.00, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00567 AT (	0.00, 11.00, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00566 AT (	10.00, 9.00, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00565 AT (	-10.00, 11.00, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00565 AT (	-20.00, 9.00, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00559 AT (	10.00, 11.00, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00558 AT (	0.00, 13.00, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00555 AT (	-10.00, 13.00, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00553 AT (	10.00, 13.00, 0.00,	1.20) DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00577 AT (	-100.00, 9.00, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00577 AT (	-90.00, 9.00, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00567 AT (	-90.00, 11.00, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00566 AT (	-80.00, 9.00, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00565 AT (	-100.00, 11.00, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00565 AT (	-110.00, 9.00, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00559 AT (	-80.00, 11.00, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00558 AT (	-90.00, 13.00, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00555 AT (	-100.00, 13.00, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00553 AT (	-80.00, 13.00, 0.00,	1.20) DC	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00577 AT (	-190.00, 9.00, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00577 AT (	-180.00, 9.00, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00567 AT (	-180.00, 11.00, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00566 AT (	-170.00, 9.00, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00565 AT (	-190.00, 11.00, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00565 AT (	-200.00, 9.00, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00559 AT (	-170.00, 11.00, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00558 AT (	-180.00, 13.00, 0.00,	1.20) DC	NA

		08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound							
	9TH HIGHEST VALUE IS	0.00555	AT (	-190.00,	13.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00553	AT (	-170.00,	13.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00808	AT (	-50.00,	9.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00807	AT (	-40.00,	9.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00807	AT (	-60.00,	9.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00806	AT (	-70.00,	9.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00806	AT (	-30.00,	9.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00806	AT (	-80.00,	9.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00805	AT (	-20.00,	9.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00805	AT (	-90.00,	9.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00803	AT (	-10.00,	9.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00803	AT (	-100.00,	9.00,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 6 Informational Message(s)
 A Total of 6 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 17:29:17

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\09NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at East/West Bound Direction
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTS FLAT
CO FLAGPOLE 1.2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA 135.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA 45.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -45.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -135.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -225.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 90 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

RE DISCCART	-250.0	100.0	1.2
RE DISCCART	-250.0	90.0	1.2
RE DISCCART	-250.0	80.0	1.2
RE DISCCART	-250.0	70.0	1.2
RE DISCCART	-250.0	60.0	1.2
RE DISCCART	-250.0	50.0	1.2
RE DISCCART	-250.0	40.0	1.2
RE DISCCART	-250.0	30.0	1.2
RE DISCCART	-250.0	25.0	1.2
RE DISCCART	-250.0	20.0	1.2
RE DISCCART	-250.0	17.0	1.2
RE DISCCART	-250.0	15.0	1.2
RE DISCCART	-250.0	13.0	1.2
RE DISCCART	-250.0	11.0	1.2
RE DISCCART	-250.0	9.0	1.2
RE DISCCART	-250.0	-9.0	1.2
RE DISCCART	-250.0	-11.0	1.2
RE DISCCART	-250.0	-13.0	1.2
RE DISCCART	-250.0	-15.0	1.2
RE DISCCART	-250.0	-17.0	1.2
RE DISCCART	-250.0	-20.0	1.2
RE DISCCART	-250.0	-25.0	1.2
RE DISCCART	-250.0	-30.0	1.2
RE DISCCART	-250.0	-40.0	1.2
RE DISCCART	-250.0	-50.0	1.2
RE DISCCART	-250.0	-60.0	1.2
RE DISCCART	-250.0	-70.0	1.2
RE DISCCART	-250.0	-80.0	1.2
RE DISCCART	-250.0	-90.0	1.2
RE DISCCART	-250.0	-100.0	1.2
RE DISCCART	-240.0	100.0	1.2
RE DISCCART	-240.0	90.0	1.2
RE DISCCART	-240.0	80.0	1.2
RE DISCCART	-240.0	70.0	1.2
RE DISCCART	-240.0	60.0	1.2
RE DISCCART	-240.0	50.0	1.2
RE DISCCART	-240.0	40.0	1.2
RE DISCCART	-240.0	30.0	1.2
RE DISCCART	-240.0	25.0	1.2
RE DISCCART	-240.0	20.0	1.2
RE DISCCART	-240.0	17.0	1.2
RE DISCCART	-240.0	15.0	1.2
RE DISCCART	-240.0	13.0	1.2

RE DISCCART	-240.0	11.0	1.2
RE DISCCART	-240.0	9.0	1.2
RE DISCCART	-240.0	-9.0	1.2
RE DISCCART	-240.0	-11.0	1.2
RE DISCCART	-240.0	-13.0	1.2
RE DISCCART	-240.0	-15.0	1.2
RE DISCCART	-240.0	-17.0	1.2
RE DISCCART	-240.0	-20.0	1.2
RE DISCCART	-240.0	-25.0	1.2
RE DISCCART	-240.0	-30.0	1.2
RE DISCCART	-240.0	-40.0	1.2
RE DISCCART	-240.0	-50.0	1.2
RE DISCCART	-240.0	-60.0	1.2
RE DISCCART	-240.0	-70.0	1.2
RE DISCCART	-240.0	-80.0	1.2
RE DISCCART	-240.0	-90.0	1.2
RE DISCCART	-240.0	-100.0	1.2
RE DISCCART	-230.0	100.0	1.2
RE DISCCART	-230.0	90.0	1.2
RE DISCCART	-230.0	80.0	1.2
RE DISCCART	-230.0	70.0	1.2
RE DISCCART	-230.0	60.0	1.2
RE DISCCART	-230.0	50.0	1.2
RE DISCCART	-230.0	40.0	1.2
RE DISCCART	-230.0	30.0	1.2
RE DISCCART	-230.0	25.0	1.2
RE DISCCART	-230.0	20.0	1.2
RE DISCCART	-230.0	17.0	1.2
RE DISCCART	-230.0	15.0	1.2
RE DISCCART	-230.0	13.0	1.2
RE DISCCART	-230.0	11.0	1.2
RE DISCCART	-230.0	9.0	1.2
RE DISCCART	-230.0	-9.0	1.2
RE DISCCART	-230.0	-11.0	1.2
RE DISCCART	-230.0	-13.0	1.2
RE DISCCART	-230.0	-15.0	1.2
RE DISCCART	-230.0	-17.0	1.2
RE DISCCART	-230.0	-20.0	1.2
RE DISCCART	-230.0	-25.0	1.2
RE DISCCART	-230.0	-30.0	1.2
RE DISCCART	-230.0	-40.0	1.2
RE DISCCART	-230.0	-50.0	1.2
RE DISCCART	-230.0	-60.0	1.2
RE DISCCART	-230.0	-70.0	1.2

RE DISCCART	-230.0	-80.0	1.2
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RE DISCCART	200.0	-90.0	1.2
RE DISCCART	200.0	-100.0	1.2
RE DISCCART	210.0	100.0	1.2
RE DISCCART	210.0	90.0	1.2
RE DISCCART	210.0	80.0	1.2
RE DISCCART	210.0	70.0	1.2
RE DISCCART	210.0	60.0	1.2
RE DISCCART	210.0	50.0	1.2
RE DISCCART	210.0	40.0	1.2
RE DISCCART	210.0	30.0	1.2
RE DISCCART	210.0	25.0	1.2
RE DISCCART	210.0	20.0	1.2
RE DISCCART	210.0	17.0	1.2
RE DISCCART	210.0	15.0	1.2
RE DISCCART	210.0	13.0	1.2
RE DISCCART	210.0	11.0	1.2
RE DISCCART	210.0	9.0	1.2
RE DISCCART	210.0	-9.0	1.2
RE DISCCART	210.0	-11.0	1.2
RE DISCCART	210.0	-13.0	1.2
RE DISCCART	210.0	-15.0	1.2
RE DISCCART	210.0	-17.0	1.2
RE DISCCART	210.0	-20.0	1.2
RE DISCCART	210.0	-25.0	1.2
RE DISCCART	210.0	-30.0	1.2
RE DISCCART	210.0	-40.0	1.2
RE DISCCART	210.0	-50.0	1.2
RE DISCCART	210.0	-60.0	1.2
RE DISCCART	210.0	-70.0	1.2

RE DISCCART	210.0	-80.0	1.2
RE DISCCART	210.0	-90.0	1.2
RE DISCCART	210.0	-100.0	1.2
RE DISCCART	220.0	100.0	1.2
RE DISCCART	220.0	90.0	1.2
RE DISCCART	220.0	80.0	1.2
RE DISCCART	220.0	70.0	1.2
RE DISCCART	220.0	60.0	1.2
RE DISCCART	220.0	50.0	1.2
RE DISCCART	220.0	40.0	1.2
RE DISCCART	220.0	30.0	1.2
RE DISCCART	220.0	25.0	1.2
RE DISCCART	220.0	20.0	1.2
RE DISCCART	220.0	17.0	1.2
RE DISCCART	220.0	15.0	1.2
RE DISCCART	220.0	13.0	1.2
RE DISCCART	220.0	11.0	1.2
RE DISCCART	220.0	9.0	1.2
RE DISCCART	220.0	-9.0	1.2
RE DISCCART	220.0	-11.0	1.2
RE DISCCART	220.0	-13.0	1.2
RE DISCCART	220.0	-15.0	1.2
RE DISCCART	220.0	-17.0	1.2
RE DISCCART	220.0	-20.0	1.2
RE DISCCART	220.0	-25.0	1.2
RE DISCCART	220.0	-30.0	1.2
RE DISCCART	220.0	-40.0	1.2
RE DISCCART	220.0	-50.0	1.2
RE DISCCART	220.0	-60.0	1.2
RE DISCCART	220.0	-70.0	1.2
RE DISCCART	220.0	-80.0	1.2
RE DISCCART	220.0	-90.0	1.2
RE DISCCART	220.0	-100.0	1.2
RE DISCCART	230.0	100.0	1.2
RE DISCCART	230.0	90.0	1.2
RE DISCCART	230.0	80.0	1.2
RE DISCCART	230.0	70.0	1.2
RE DISCCART	230.0	60.0	1.2
RE DISCCART	230.0	50.0	1.2
RE DISCCART	230.0	40.0	1.2
RE DISCCART	230.0	30.0	1.2
RE DISCCART	230.0	25.0	1.2
RE DISCCART	230.0	20.0	1.2
RE DISCCART	230.0	17.0	1.2

RE DISCCART	230.0	15.0	1.2
RE DISCCART	230.0	13.0	1.2
RE DISCCART	230.0	11.0	1.2
RE DISCCART	230.0	9.0	1.2
RE DISCCART	230.0	-9.0	1.2
RE DISCCART	230.0	-11.0	1.2
RE DISCCART	230.0	-13.0	1.2
RE DISCCART	230.0	-15.0	1.2
RE DISCCART	230.0	-17.0	1.2
RE DISCCART	230.0	-20.0	1.2
RE DISCCART	230.0	-25.0	1.2
RE DISCCART	230.0	-30.0	1.2
RE DISCCART	230.0	-40.0	1.2
RE DISCCART	230.0	-50.0	1.2
RE DISCCART	230.0	-60.0	1.2
RE DISCCART	230.0	-70.0	1.2
RE DISCCART	230.0	-80.0	1.2
RE DISCCART	230.0	-90.0	1.2
RE DISCCART	230.0	-100.0	1.2
RE DISCCART	240.0	100.0	1.2
RE DISCCART	240.0	90.0	1.2
RE DISCCART	240.0	80.0	1.2
RE DISCCART	240.0	70.0	1.2
RE DISCCART	240.0	60.0	1.2
RE DISCCART	240.0	50.0	1.2
RE DISCCART	240.0	40.0	1.2
RE DISCCART	240.0	30.0	1.2
RE DISCCART	240.0	25.0	1.2
RE DISCCART	240.0	20.0	1.2
RE DISCCART	240.0	17.0	1.2
RE DISCCART	240.0	15.0	1.2
RE DISCCART	240.0	13.0	1.2
RE DISCCART	240.0	11.0	1.2
RE DISCCART	240.0	9.0	1.2
RE DISCCART	240.0	-9.0	1.2
RE DISCCART	240.0	-11.0	1.2
RE DISCCART	240.0	-13.0	1.2
RE DISCCART	240.0	-15.0	1.2
RE DISCCART	240.0	-17.0	1.2
RE DISCCART	240.0	-20.0	1.2
RE DISCCART	240.0	-25.0	1.2
RE DISCCART	240.0	-30.0	1.2
RE DISCCART	240.0	-40.0	1.2
RE DISCCART	240.0	-50.0	1.2

RE DISCCART 240.0 -60.0 1.2
RE DISCCART 240.0 -70.0 1.2
RE DISCCART 240.0 -80.0 1.2
RE DISCCART 240.0 -90.0 1.2
RE DISCCART 240.0 -100.0 1.2
RE DISCCART 250.0 100.0 1.2
RE DISCCART 250.0 90.0 1.2
RE DISCCART 250.0 80.0 1.2
RE DISCCART 250.0 70.0 1.2
RE DISCCART 250.0 60.0 1.2
RE DISCCART 250.0 50.0 1.2
RE DISCCART 250.0 40.0 1.2
RE DISCCART 250.0 30.0 1.2
RE DISCCART 250.0 25.0 1.2
RE DISCCART 250.0 20.0 1.2
RE DISCCART 250.0 17.0 1.2
RE DISCCART 250.0 15.0 1.2
RE DISCCART 250.0 13.0 1.2
RE DISCCART 250.0 11.0 1.2
RE DISCCART 250.0 9.0 1.2
RE DISCCART 250.0 -9.0 1.2
RE DISCCART 250.0 -11.0 1.2
RE DISCCART 250.0 -13.0 1.2
RE DISCCART 250.0 -15.0 1.2
RE DISCCART 250.0 -17.0 1.2
RE DISCCART 250.0 -20.0 1.2
RE DISCCART 250.0 -25.0 1.2
RE DISCCART 250.0 -30.0 1.2
RE DISCCART 250.0 -40.0 1.2
RE DISCCART 250.0 -50.0 1.2
RE DISCCART 250.0 -60.0 1.2
RE DISCCART 250.0 -70.0 1.2
RE DISCCART 250.0 -80.0 1.2
RE DISCCART 250.0 -90.0 1.2
RE DISCCART 250.0 -100.0 1.2
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP003RA.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 2000

ME UAIRDATA 4901 2000

ME STARTEND 2000 01 01 1 2000 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\09NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\09NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\09NCRA-1.DAT

**Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\09NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

Table with 11 columns: EMISSION RATE SOURCE SCALAR VARY BY ID, NUMBER PART. CATS., EMISSION RATE (GRAMS/SEC /METER**2), COORD (SW CORNER) X Y (METERS), BASE ELEV. (METERS), RELEASE HEIGHT (METERS), X-DIM OF AREA (METERS), Y-DIM OF AREA (METERS), ORIENT. OF AREA (DEG.), INIT. SZ (METERS). Rows include NCRA_S1 through NCRA_S5.

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

- NCRA_S1 NCRA_S1 ,
NCRA_S2 NCRA_S2 ,
NCRA_S3 NCRA_S3 ,
NCRA_S4 NCRA_S4 ,
NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

- (-250.0, 100.0, 0.0, 1.2); (-250.0, 90.0, 0.0, 1.2);
(-250.0, 80.0, 0.0, 1.2); (-250.0, 70.0, 0.0, 1.2);
(-250.0, 60.0, 0.0, 1.2); (-250.0, 50.0, 0.0, 1.2);

09NCRA_NAPA00-300_DPM_TRAV_ANN E-W Bound

(-250.0,	40.0,	0.0,	1.2);	(-250.0,	30.0,	0.0,	1.2);
(-250.0,	25.0,	0.0,	1.2);	(-250.0,	20.0,	0.0,	1.2);
(-250.0,	17.0,	0.0,	1.2);	(-250.0,	15.0,	0.0,	1.2);
(-250.0,	13.0,	0.0,	1.2);	(-250.0,	11.0,	0.0,	1.2);
(-250.0,	9.0,	0.0,	1.2);	(-250.0,	-9.0,	0.0,	1.2);
(-250.0,	-11.0,	0.0,	1.2);	(-250.0,	-13.0,	0.0,	1.2);
(-250.0,	-15.0,	0.0,	1.2);	(-250.0,	-17.0,	0.0,	1.2);
(-250.0,	-20.0,	0.0,	1.2);	(-250.0,	-25.0,	0.0,	1.2);
(-250.0,	-30.0,	0.0,	1.2);	(-250.0,	-40.0,	0.0,	1.2);
(-250.0,	-50.0,	0.0,	1.2);	(-250.0,	-60.0,	0.0,	1.2);
(-250.0,	-70.0,	0.0,	1.2);	(-250.0,	-80.0,	0.0,	1.2);
(-250.0,	-90.0,	0.0,	1.2);	(-250.0,	-100.0,	0.0,	1.2);
(-240.0,	100.0,	0.0,	1.2);	(-240.0,	90.0,	0.0,	1.2);
(-240.0,	80.0,	0.0,	1.2);	(-240.0,	70.0,	0.0,	1.2);
(-240.0,	60.0,	0.0,	1.2);	(-240.0,	50.0,	0.0,	1.2);
(-240.0,	40.0,	0.0,	1.2);	(-240.0,	30.0,	0.0,	1.2);
(-240.0,	25.0,	0.0,	1.2);	(-240.0,	20.0,	0.0,	1.2);
(-240.0,	17.0,	0.0,	1.2);	(-240.0,	15.0,	0.0,	1.2);
(-240.0,	13.0,	0.0,	1.2);	(-240.0,	11.0,	0.0,	1.2);
(-240.0,	9.0,	0.0,	1.2);	(-240.0,	-9.0,	0.0,	1.2);
(-240.0,	-11.0,	0.0,	1.2);	(-240.0,	-13.0,	0.0,	1.2);
(-240.0,	-15.0,	0.0,	1.2);	(-240.0,	-17.0,	0.0,	1.2);
(-240.0,	-20.0,	0.0,	1.2);	(-240.0,	-25.0,	0.0,	1.2);
(-240.0,	-30.0,	0.0,	1.2);	(-240.0,	-40.0,	0.0,	1.2);
(-240.0,	-50.0,	0.0,	1.2);	(-240.0,	-60.0,	0.0,	1.2);
(-240.0,	-70.0,	0.0,	1.2);	(-240.0,	-80.0,	0.0,	1.2);
(-240.0,	-90.0,	0.0,	1.2);	(-240.0,	-100.0,	0.0,	1.2);
(-230.0,	100.0,	0.0,	1.2);	(-230.0,	90.0,	0.0,	1.2);
(-230.0,	80.0,	0.0,	1.2);	(-230.0,	70.0,	0.0,	1.2);
(-230.0,	60.0,	0.0,	1.2);	(-230.0,	50.0,	0.0,	1.2);
(-230.0,	40.0,	0.0,	1.2);	(-230.0,	30.0,	0.0,	1.2);
(-230.0,	25.0,	0.0,	1.2);	(-230.0,	20.0,	0.0,	1.2);
(-230.0,	17.0,	0.0,	1.2);	(-230.0,	15.0,	0.0,	1.2);
(-230.0,	13.0,	0.0,	1.2);	(-230.0,	11.0,	0.0,	1.2);
(-230.0,	9.0,	0.0,	1.2);	(-230.0,	-9.0,	0.0,	1.2);
(-230.0,	-11.0,	0.0,	1.2);	(-230.0,	-13.0,	0.0,	1.2);
(-230.0,	-15.0,	0.0,	1.2);	(-230.0,	-17.0,	0.0,	1.2);
(-230.0,	-20.0,	0.0,	1.2);	(-230.0,	-25.0,	0.0,	1.2);
(-230.0,	-30.0,	0.0,	1.2);	(-230.0,	-40.0,	0.0,	1.2);
(-230.0,	-50.0,	0.0,	1.2);	(-230.0,	-60.0,	0.0,	1.2);
(-230.0,	-70.0,	0.0,	1.2);	(-230.0,	-80.0,	0.0,	1.2);
(-230.0,	-90.0,	0.0,	1.2);	(-230.0,	-100.0,	0.0,	1.2);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-220.0, 100.0, 0.0, 1.2);	(-220.0, 90.0, 0.0, 1.2);
(-220.0, 80.0, 0.0, 1.2);	(-220.0, 70.0, 0.0, 1.2);
(-220.0, 60.0, 0.0, 1.2);	(-220.0, 50.0, 0.0, 1.2);
(-220.0, 40.0, 0.0, 1.2);	(-220.0, 30.0, 0.0, 1.2);
(-220.0, 25.0, 0.0, 1.2);	(-220.0, 20.0, 0.0, 1.2);
(-220.0, 17.0, 0.0, 1.2);	(-220.0, 15.0, 0.0, 1.2);
(-220.0, 13.0, 0.0, 1.2);	(-220.0, 11.0, 0.0, 1.2);
(-220.0, 9.0, 0.0, 1.2);	(-220.0, -9.0, 0.0, 1.2);
(-220.0, -11.0, 0.0, 1.2);	(-220.0, -13.0, 0.0, 1.2);
(-220.0, -15.0, 0.0, 1.2);	(-220.0, -17.0, 0.0, 1.2);
(-220.0, -20.0, 0.0, 1.2);	(-220.0, -25.0, 0.0, 1.2);
(-220.0, -30.0, 0.0, 1.2);	(-220.0, -40.0, 0.0, 1.2);
(-220.0, -50.0, 0.0, 1.2);	(-220.0, -60.0, 0.0, 1.2);
(-220.0, -70.0, 0.0, 1.2);	(-220.0, -80.0, 0.0, 1.2);
(-220.0, -90.0, 0.0, 1.2);	(-220.0, -100.0, 0.0, 1.2);
(-210.0, 100.0, 0.0, 1.2);	(-210.0, 90.0, 0.0, 1.2);
(-210.0, 80.0, 0.0, 1.2);	(-210.0, 70.0, 0.0, 1.2);
(-210.0, 60.0, 0.0, 1.2);	(-210.0, 50.0, 0.0, 1.2);
(-210.0, 40.0, 0.0, 1.2);	(-210.0, 30.0, 0.0, 1.2);
(-210.0, 25.0, 0.0, 1.2);	(-210.0, 20.0, 0.0, 1.2);
(-210.0, 17.0, 0.0, 1.2);	(-210.0, 15.0, 0.0, 1.2);
(-210.0, 13.0, 0.0, 1.2);	(-210.0, 11.0, 0.0, 1.2);
(-210.0, 9.0, 0.0, 1.2);	(-210.0, -9.0, 0.0, 1.2);
(-210.0, -11.0, 0.0, 1.2);	(-210.0, -13.0, 0.0, 1.2);
(-210.0, -15.0, 0.0, 1.2);	(-210.0, -17.0, 0.0, 1.2);
(-210.0, -20.0, 0.0, 1.2);	(-210.0, -25.0, 0.0, 1.2);
(-210.0, -30.0, 0.0, 1.2);	(-210.0, -40.0, 0.0, 1.2);
(-210.0, -50.0, 0.0, 1.2);	(-210.0, -60.0, 0.0, 1.2);
(-210.0, -70.0, 0.0, 1.2);	(-210.0, -80.0, 0.0, 1.2);
(-210.0, -90.0, 0.0, 1.2);	(-210.0, -100.0, 0.0, 1.2);
(-200.0, 100.0, 0.0, 1.2);	(-200.0, 90.0, 0.0, 1.2);
(-200.0, 80.0, 0.0, 1.2);	(-200.0, 70.0, 0.0, 1.2);
(-200.0, 60.0, 0.0, 1.2);	(-200.0, 50.0, 0.0, 1.2);
(-200.0, 40.0, 0.0, 1.2);	(-200.0, 30.0, 0.0, 1.2);
(-200.0, 25.0, 0.0, 1.2);	(-200.0, 20.0, 0.0, 1.2);
(-200.0, 17.0, 0.0, 1.2);	(-200.0, 15.0, 0.0, 1.2);
(-200.0, 13.0, 0.0, 1.2);	(-200.0, 11.0, 0.0, 1.2);
(-200.0, 9.0, 0.0, 1.2);	(-200.0, -9.0, 0.0, 1.2);
(-200.0, -11.0, 0.0, 1.2);	(-200.0, -13.0, 0.0, 1.2);

09NCRA_NAPA00-300_DPM_TRAV_ANN E-W Bound

(-200.0,	-15.0,	0.0,	1.2);	(-200.0,	-17.0,	0.0,	1.2);
(-200.0,	-20.0,	0.0,	1.2);	(-200.0,	-25.0,	0.0,	1.2);
(-200.0,	-30.0,	0.0,	1.2);	(-200.0,	-40.0,	0.0,	1.2);
(-200.0,	-50.0,	0.0,	1.2);	(-200.0,	-60.0,	0.0,	1.2);
(-200.0,	-70.0,	0.0,	1.2);	(-200.0,	-80.0,	0.0,	1.2);
(-200.0,	-90.0,	0.0,	1.2);	(-200.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-190.0,	100.0,	0.0,	1.2);	(-190.0,	90.0,	0.0,	1.2);
(-190.0,	80.0,	0.0,	1.2);	(-190.0,	70.0,	0.0,	1.2);
(-190.0,	60.0,	0.0,	1.2);	(-190.0,	50.0,	0.0,	1.2);
(-190.0,	40.0,	0.0,	1.2);	(-190.0,	30.0,	0.0,	1.2);
(-190.0,	25.0,	0.0,	1.2);	(-190.0,	20.0,	0.0,	1.2);
(-190.0,	17.0,	0.0,	1.2);	(-190.0,	15.0,	0.0,	1.2);
(-190.0,	13.0,	0.0,	1.2);	(-190.0,	11.0,	0.0,	1.2);
(-190.0,	9.0,	0.0,	1.2);	(-190.0,	-9.0,	0.0,	1.2);
(-190.0,	-11.0,	0.0,	1.2);	(-190.0,	-13.0,	0.0,	1.2);
(-190.0,	-15.0,	0.0,	1.2);	(-190.0,	-17.0,	0.0,	1.2);
(-190.0,	-20.0,	0.0,	1.2);	(-190.0,	-25.0,	0.0,	1.2);
(-190.0,	-30.0,	0.0,	1.2);	(-190.0,	-40.0,	0.0,	1.2);
(-190.0,	-50.0,	0.0,	1.2);	(-190.0,	-60.0,	0.0,	1.2);
(-190.0,	-70.0,	0.0,	1.2);	(-190.0,	-80.0,	0.0,	1.2);
(-190.0,	-90.0,	0.0,	1.2);	(-190.0,	-100.0,	0.0,	1.2);
(-180.0,	100.0,	0.0,	1.2);	(-180.0,	90.0,	0.0,	1.2);
(-180.0,	80.0,	0.0,	1.2);	(-180.0,	70.0,	0.0,	1.2);
(-180.0,	60.0,	0.0,	1.2);	(-180.0,	50.0,	0.0,	1.2);
(-180.0,	40.0,	0.0,	1.2);	(-180.0,	30.0,	0.0,	1.2);
(-180.0,	25.0,	0.0,	1.2);	(-180.0,	20.0,	0.0,	1.2);
(-180.0,	17.0,	0.0,	1.2);	(-180.0,	15.0,	0.0,	1.2);
(-180.0,	13.0,	0.0,	1.2);	(-180.0,	11.0,	0.0,	1.2);
(-180.0,	9.0,	0.0,	1.2);	(-180.0,	-9.0,	0.0,	1.2);
(-180.0,	-11.0,	0.0,	1.2);	(-180.0,	-13.0,	0.0,	1.2);
(-180.0,	-15.0,	0.0,	1.2);	(-180.0,	-17.0,	0.0,	1.2);
(-180.0,	-20.0,	0.0,	1.2);	(-180.0,	-25.0,	0.0,	1.2);
(-180.0,	-30.0,	0.0,	1.2);	(-180.0,	-40.0,	0.0,	1.2);
(-180.0,	-50.0,	0.0,	1.2);	(-180.0,	-60.0,	0.0,	1.2);
(-180.0,	-70.0,	0.0,	1.2);	(-180.0,	-80.0,	0.0,	1.2);
(-180.0,	-90.0,	0.0,	1.2);	(-180.0,	-100.0,	0.0,	1.2);
(-170.0,	100.0,	0.0,	1.2);	(-170.0,	90.0,	0.0,	1.2);

09NCRA_NAPA00-300_DPM_TRAV_ANN E-W Bound

(-170.0,	80.0,	0.0,	1.2);	(-170.0,	70.0,	0.0,	1.2);
(-170.0,	60.0,	0.0,	1.2);	(-170.0,	50.0,	0.0,	1.2);
(-170.0,	40.0,	0.0,	1.2);	(-170.0,	30.0,	0.0,	1.2);
(-170.0,	25.0,	0.0,	1.2);	(-170.0,	20.0,	0.0,	1.2);
(-170.0,	17.0,	0.0,	1.2);	(-170.0,	15.0,	0.0,	1.2);
(-170.0,	13.0,	0.0,	1.2);	(-170.0,	11.0,	0.0,	1.2);
(-170.0,	9.0,	0.0,	1.2);	(-170.0,	-9.0,	0.0,	1.2);
(-170.0,	-11.0,	0.0,	1.2);	(-170.0,	-13.0,	0.0,	1.2);
(-170.0,	-15.0,	0.0,	1.2);	(-170.0,	-17.0,	0.0,	1.2);
(-170.0,	-20.0,	0.0,	1.2);	(-170.0,	-25.0,	0.0,	1.2);
(-170.0,	-30.0,	0.0,	1.2);	(-170.0,	-40.0,	0.0,	1.2);
(-170.0,	-50.0,	0.0,	1.2);	(-170.0,	-60.0,	0.0,	1.2);
(-170.0,	-70.0,	0.0,	1.2);	(-170.0,	-80.0,	0.0,	1.2);
(-170.0,	-90.0,	0.0,	1.2);	(-170.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-160.0,	100.0,	0.0,	1.2);	(-160.0,	90.0,	0.0,	1.2);
(-160.0,	80.0,	0.0,	1.2);	(-160.0,	70.0,	0.0,	1.2);
(-160.0,	60.0,	0.0,	1.2);	(-160.0,	50.0,	0.0,	1.2);
(-160.0,	40.0,	0.0,	1.2);	(-160.0,	30.0,	0.0,	1.2);
(-160.0,	25.0,	0.0,	1.2);	(-160.0,	20.0,	0.0,	1.2);
(-160.0,	17.0,	0.0,	1.2);	(-160.0,	15.0,	0.0,	1.2);
(-160.0,	13.0,	0.0,	1.2);	(-160.0,	11.0,	0.0,	1.2);
(-160.0,	9.0,	0.0,	1.2);	(-160.0,	-9.0,	0.0,	1.2);
(-160.0,	-11.0,	0.0,	1.2);	(-160.0,	-13.0,	0.0,	1.2);
(-160.0,	-15.0,	0.0,	1.2);	(-160.0,	-17.0,	0.0,	1.2);
(-160.0,	-20.0,	0.0,	1.2);	(-160.0,	-25.0,	0.0,	1.2);
(-160.0,	-30.0,	0.0,	1.2);	(-160.0,	-40.0,	0.0,	1.2);
(-160.0,	-50.0,	0.0,	1.2);	(-160.0,	-60.0,	0.0,	1.2);
(-160.0,	-70.0,	0.0,	1.2);	(-160.0,	-80.0,	0.0,	1.2);
(-160.0,	-90.0,	0.0,	1.2);	(-160.0,	-100.0,	0.0,	1.2);
(-150.0,	100.0,	0.0,	1.2);	(-150.0,	90.0,	0.0,	1.2);
(-150.0,	80.0,	0.0,	1.2);	(-150.0,	70.0,	0.0,	1.2);
(-150.0,	60.0,	0.0,	1.2);	(-150.0,	50.0,	0.0,	1.2);
(-150.0,	40.0,	0.0,	1.2);	(-150.0,	30.0,	0.0,	1.2);
(-150.0,	25.0,	0.0,	1.2);	(-150.0,	20.0,	0.0,	1.2);
(-150.0,	17.0,	0.0,	1.2);	(-150.0,	15.0,	0.0,	1.2);
(-150.0,	13.0,	0.0,	1.2);	(-150.0,	11.0,	0.0,	1.2);
(-150.0,	9.0,	0.0,	1.2);	(-150.0,	-9.0,	0.0,	1.2);

09NCRA_NAPA00-300_DPM_TRAV_ANN E-W Bound

(-150.0,	-11.0,	0.0,	1.2);	(-150.0,	-13.0,	0.0,	1.2);
(-150.0,	-15.0,	0.0,	1.2);	(-150.0,	-17.0,	0.0,	1.2);
(-150.0,	-20.0,	0.0,	1.2);	(-150.0,	-25.0,	0.0,	1.2);
(-150.0,	-30.0,	0.0,	1.2);	(-150.0,	-40.0,	0.0,	1.2);
(-150.0,	-50.0,	0.0,	1.2);	(-150.0,	-60.0,	0.0,	1.2);
(-150.0,	-70.0,	0.0,	1.2);	(-150.0,	-80.0,	0.0,	1.2);
(-150.0,	-90.0,	0.0,	1.2);	(-150.0,	-100.0,	0.0,	1.2);
(-140.0,	100.0,	0.0,	1.2);	(-140.0,	90.0,	0.0,	1.2);
(-140.0,	80.0,	0.0,	1.2);	(-140.0,	70.0,	0.0,	1.2);
(-140.0,	60.0,	0.0,	1.2);	(-140.0,	50.0,	0.0,	1.2);
(-140.0,	40.0,	0.0,	1.2);	(-140.0,	30.0,	0.0,	1.2);
(-140.0,	25.0,	0.0,	1.2);	(-140.0,	20.0,	0.0,	1.2);
(-140.0,	17.0,	0.0,	1.2);	(-140.0,	15.0,	0.0,	1.2);
(-140.0,	13.0,	0.0,	1.2);	(-140.0,	11.0,	0.0,	1.2);
(-140.0,	9.0,	0.0,	1.2);	(-140.0,	-9.0,	0.0,	1.2);
(-140.0,	-11.0,	0.0,	1.2);	(-140.0,	-13.0,	0.0,	1.2);
(-140.0,	-15.0,	0.0,	1.2);	(-140.0,	-17.0,	0.0,	1.2);
(-140.0,	-20.0,	0.0,	1.2);	(-140.0,	-25.0,	0.0,	1.2);
(-140.0,	-30.0,	0.0,	1.2);	(-140.0,	-40.0,	0.0,	1.2);
(-140.0,	-50.0,	0.0,	1.2);	(-140.0,	-60.0,	0.0,	1.2);
(-140.0,	-70.0,	0.0,	1.2);	(-140.0,	-80.0,	0.0,	1.2);
(-140.0,	-90.0,	0.0,	1.2);	(-140.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-130.0,	100.0,	0.0,	1.2);	(-130.0,	90.0,	0.0,	1.2);
(-130.0,	80.0,	0.0,	1.2);	(-130.0,	70.0,	0.0,	1.2);
(-130.0,	60.0,	0.0,	1.2);	(-130.0,	50.0,	0.0,	1.2);
(-130.0,	40.0,	0.0,	1.2);	(-130.0,	30.0,	0.0,	1.2);
(-130.0,	25.0,	0.0,	1.2);	(-130.0,	20.0,	0.0,	1.2);
(-130.0,	17.0,	0.0,	1.2);	(-130.0,	15.0,	0.0,	1.2);
(-130.0,	13.0,	0.0,	1.2);	(-130.0,	11.0,	0.0,	1.2);
(-130.0,	9.0,	0.0,	1.2);	(-130.0,	-9.0,	0.0,	1.2);
(-130.0,	-11.0,	0.0,	1.2);	(-130.0,	-13.0,	0.0,	1.2);
(-130.0,	-15.0,	0.0,	1.2);	(-130.0,	-17.0,	0.0,	1.2);
(-130.0,	-20.0,	0.0,	1.2);	(-130.0,	-25.0,	0.0,	1.2);
(-130.0,	-30.0,	0.0,	1.2);	(-130.0,	-40.0,	0.0,	1.2);
(-130.0,	-50.0,	0.0,	1.2);	(-130.0,	-60.0,	0.0,	1.2);
(-130.0,	-70.0,	0.0,	1.2);	(-130.0,	-80.0,	0.0,	1.2);
(-130.0,	-90.0,	0.0,	1.2);	(-130.0,	-100.0,	0.0,	1.2);

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

(-120.0,	100.0,	0.0,	1.2);	(-120.0,	90.0,	0.0,	1.2);
(-120.0,	80.0,	0.0,	1.2);	(-120.0,	70.0,	0.0,	1.2);
(-120.0,	60.0,	0.0,	1.2);	(-120.0,	50.0,	0.0,	1.2);
(-120.0,	40.0,	0.0,	1.2);	(-120.0,	30.0,	0.0,	1.2);
(-120.0,	25.0,	0.0,	1.2);	(-120.0,	20.0,	0.0,	1.2);
(-120.0,	17.0,	0.0,	1.2);	(-120.0,	15.0,	0.0,	1.2);
(-120.0,	13.0,	0.0,	1.2);	(-120.0,	11.0,	0.0,	1.2);
(-120.0,	9.0,	0.0,	1.2);	(-120.0,	-9.0,	0.0,	1.2);
(-120.0,	-11.0,	0.0,	1.2);	(-120.0,	-13.0,	0.0,	1.2);
(-120.0,	-15.0,	0.0,	1.2);	(-120.0,	-17.0,	0.0,	1.2);
(-120.0,	-20.0,	0.0,	1.2);	(-120.0,	-25.0,	0.0,	1.2);
(-120.0,	-30.0,	0.0,	1.2);	(-120.0,	-40.0,	0.0,	1.2);
(-120.0,	-50.0,	0.0,	1.2);	(-120.0,	-60.0,	0.0,	1.2);
(-120.0,	-70.0,	0.0,	1.2);	(-120.0,	-80.0,	0.0,	1.2);
(-120.0,	-90.0,	0.0,	1.2);	(-120.0,	-100.0,	0.0,	1.2);
(-110.0,	100.0,	0.0,	1.2);	(-110.0,	90.0,	0.0,	1.2);
(-110.0,	80.0,	0.0,	1.2);	(-110.0,	70.0,	0.0,	1.2);
(-110.0,	60.0,	0.0,	1.2);	(-110.0,	50.0,	0.0,	1.2);
(-110.0,	40.0,	0.0,	1.2);	(-110.0,	30.0,	0.0,	1.2);
(-110.0,	25.0,	0.0,	1.2);	(-110.0,	20.0,	0.0,	1.2);
(-110.0,	17.0,	0.0,	1.2);	(-110.0,	15.0,	0.0,	1.2);
(-110.0,	13.0,	0.0,	1.2);	(-110.0,	11.0,	0.0,	1.2);
(-110.0,	9.0,	0.0,	1.2);	(-110.0,	-9.0,	0.0,	1.2);
(-110.0,	-11.0,	0.0,	1.2);	(-110.0,	-13.0,	0.0,	1.2);
(-110.0,	-15.0,	0.0,	1.2);	(-110.0,	-17.0,	0.0,	1.2);
(-110.0,	-20.0,	0.0,	1.2);	(-110.0,	-25.0,	0.0,	1.2);
(-110.0,	-30.0,	0.0,	1.2);	(-110.0,	-40.0,	0.0,	1.2);
(-110.0,	-50.0,	0.0,	1.2);	(-110.0,	-60.0,	0.0,	1.2);
(-110.0,	-70.0,	0.0,	1.2);	(-110.0,	-80.0,	0.0,	1.2);
(-110.0,	-90.0,	0.0,	1.2);	(-110.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	100.0,	0.0,	1.2);	(-100.0,	90.0,	0.0,	1.2);
(-100.0,	80.0,	0.0,	1.2);	(-100.0,	70.0,	0.0,	1.2);
(-100.0,	60.0,	0.0,	1.2);	(-100.0,	50.0,	0.0,	1.2);
(-100.0,	40.0,	0.0,	1.2);	(-100.0,	30.0,	0.0,	1.2);
(-100.0,	25.0,	0.0,	1.2);	(-100.0,	20.0,	0.0,	1.2);
(-100.0,	17.0,	0.0,	1.2);	(-100.0,	15.0,	0.0,	1.2);
(-100.0,	13.0,	0.0,	1.2);	(-100.0,	11.0,	0.0,	1.2);

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

(-100.0,	9.0,	0.0,	1.2);	(-100.0,	-9.0,	0.0,	1.2);
(-100.0,	-11.0,	0.0,	1.2);	(-100.0,	-13.0,	0.0,	1.2);
(-100.0,	-15.0,	0.0,	1.2);	(-100.0,	-17.0,	0.0,	1.2);
(-100.0,	-20.0,	0.0,	1.2);	(-100.0,	-25.0,	0.0,	1.2);
(-100.0,	-30.0,	0.0,	1.2);	(-100.0,	-40.0,	0.0,	1.2);
(-100.0,	-50.0,	0.0,	1.2);	(-100.0,	-60.0,	0.0,	1.2);
(-100.0,	-70.0,	0.0,	1.2);	(-100.0,	-80.0,	0.0,	1.2);
(-100.0,	-90.0,	0.0,	1.2);	(-100.0,	-100.0,	0.0,	1.2);
(-90.0,	100.0,	0.0,	1.2);	(-90.0,	90.0,	0.0,	1.2);
(-90.0,	80.0,	0.0,	1.2);	(-90.0,	70.0,	0.0,	1.2);
(-90.0,	60.0,	0.0,	1.2);	(-90.0,	50.0,	0.0,	1.2);
(-90.0,	40.0,	0.0,	1.2);	(-90.0,	30.0,	0.0,	1.2);
(-90.0,	25.0,	0.0,	1.2);	(-90.0,	20.0,	0.0,	1.2);
(-90.0,	17.0,	0.0,	1.2);	(-90.0,	15.0,	0.0,	1.2);
(-90.0,	13.0,	0.0,	1.2);	(-90.0,	11.0,	0.0,	1.2);
(-90.0,	9.0,	0.0,	1.2);	(-90.0,	-9.0,	0.0,	1.2);
(-90.0,	-11.0,	0.0,	1.2);	(-90.0,	-13.0,	0.0,	1.2);
(-90.0,	-15.0,	0.0,	1.2);	(-90.0,	-17.0,	0.0,	1.2);
(-90.0,	-20.0,	0.0,	1.2);	(-90.0,	-25.0,	0.0,	1.2);
(-90.0,	-30.0,	0.0,	1.2);	(-90.0,	-40.0,	0.0,	1.2);
(-90.0,	-50.0,	0.0,	1.2);	(-90.0,	-60.0,	0.0,	1.2);
(-90.0,	-70.0,	0.0,	1.2);	(-90.0,	-80.0,	0.0,	1.2);
(-90.0,	-90.0,	0.0,	1.2);	(-90.0,	-100.0,	0.0,	1.2);
(-80.0,	100.0,	0.0,	1.2);	(-80.0,	90.0,	0.0,	1.2);
(-80.0,	80.0,	0.0,	1.2);	(-80.0,	70.0,	0.0,	1.2);
(-80.0,	60.0,	0.0,	1.2);	(-80.0,	50.0,	0.0,	1.2);
(-80.0,	40.0,	0.0,	1.2);	(-80.0,	30.0,	0.0,	1.2);
(-80.0,	25.0,	0.0,	1.2);	(-80.0,	20.0,	0.0,	1.2);
(-80.0,	17.0,	0.0,	1.2);	(-80.0,	15.0,	0.0,	1.2);
(-80.0,	13.0,	0.0,	1.2);	(-80.0,	11.0,	0.0,	1.2);
(-80.0,	9.0,	0.0,	1.2);	(-80.0,	-9.0,	0.0,	1.2);
(-80.0,	-11.0,	0.0,	1.2);	(-80.0,	-13.0,	0.0,	1.2);
(-80.0,	-15.0,	0.0,	1.2);	(-80.0,	-17.0,	0.0,	1.2);
(-80.0,	-20.0,	0.0,	1.2);	(-80.0,	-25.0,	0.0,	1.2);
(-80.0,	-30.0,	0.0,	1.2);	(-80.0,	-40.0,	0.0,	1.2);
(-80.0,	-50.0,	0.0,	1.2);	(-80.0,	-60.0,	0.0,	1.2);
(-80.0,	-70.0,	0.0,	1.2);	(-80.0,	-80.0,	0.0,	1.2);
(-80.0,	-90.0,	0.0,	1.2);	(-80.0,	-100.0,	0.0,	1.2);

1 *** ISCT3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound
(METERS)

(-70.0, 100.0, 0.0, 1.2);	(-70.0, 90.0, 0.0, 1.2);
(-70.0, 80.0, 0.0, 1.2);	(-70.0, 70.0, 0.0, 1.2);
(-70.0, 60.0, 0.0, 1.2);	(-70.0, 50.0, 0.0, 1.2);
(-70.0, 40.0, 0.0, 1.2);	(-70.0, 30.0, 0.0, 1.2);
(-70.0, 25.0, 0.0, 1.2);	(-70.0, 20.0, 0.0, 1.2);
(-70.0, 17.0, 0.0, 1.2);	(-70.0, 15.0, 0.0, 1.2);
(-70.0, 13.0, 0.0, 1.2);	(-70.0, 11.0, 0.0, 1.2);
(-70.0, 9.0, 0.0, 1.2);	(-70.0, -9.0, 0.0, 1.2);
(-70.0, -11.0, 0.0, 1.2);	(-70.0, -13.0, 0.0, 1.2);
(-70.0, -15.0, 0.0, 1.2);	(-70.0, -17.0, 0.0, 1.2);
(-70.0, -20.0, 0.0, 1.2);	(-70.0, -25.0, 0.0, 1.2);
(-70.0, -30.0, 0.0, 1.2);	(-70.0, -40.0, 0.0, 1.2);
(-70.0, -50.0, 0.0, 1.2);	(-70.0, -60.0, 0.0, 1.2);
(-70.0, -70.0, 0.0, 1.2);	(-70.0, -80.0, 0.0, 1.2);
(-70.0, -90.0, 0.0, 1.2);	(-70.0, -100.0, 0.0, 1.2);
(-60.0, 100.0, 0.0, 1.2);	(-60.0, 90.0, 0.0, 1.2);
(-60.0, 80.0, 0.0, 1.2);	(-60.0, 70.0, 0.0, 1.2);
(-60.0, 60.0, 0.0, 1.2);	(-60.0, 50.0, 0.0, 1.2);
(-60.0, 40.0, 0.0, 1.2);	(-60.0, 30.0, 0.0, 1.2);
(-60.0, 25.0, 0.0, 1.2);	(-60.0, 20.0, 0.0, 1.2);
(-60.0, 17.0, 0.0, 1.2);	(-60.0, 15.0, 0.0, 1.2);
(-60.0, 13.0, 0.0, 1.2);	(-60.0, 11.0, 0.0, 1.2);
(-60.0, 9.0, 0.0, 1.2);	(-60.0, -9.0, 0.0, 1.2);
(-60.0, -11.0, 0.0, 1.2);	(-60.0, -13.0, 0.0, 1.2);
(-60.0, -15.0, 0.0, 1.2);	(-60.0, -17.0, 0.0, 1.2);
(-60.0, -20.0, 0.0, 1.2);	(-60.0, -25.0, 0.0, 1.2);
(-60.0, -30.0, 0.0, 1.2);	(-60.0, -40.0, 0.0, 1.2);
(-60.0, -50.0, 0.0, 1.2);	(-60.0, -60.0, 0.0, 1.2);
(-60.0, -70.0, 0.0, 1.2);	(-60.0, -80.0, 0.0, 1.2);
(-60.0, -90.0, 0.0, 1.2);	(-60.0, -100.0, 0.0, 1.2);
(-50.0, 100.0, 0.0, 1.2);	(-50.0, 90.0, 0.0, 1.2);
(-50.0, 80.0, 0.0, 1.2);	(-50.0, 70.0, 0.0, 1.2);
(-50.0, 60.0, 0.0, 1.2);	(-50.0, 50.0, 0.0, 1.2);
(-50.0, 40.0, 0.0, 1.2);	(-50.0, 30.0, 0.0, 1.2);
(-50.0, 25.0, 0.0, 1.2);	(-50.0, 20.0, 0.0, 1.2);
(-50.0, 17.0, 0.0, 1.2);	(-50.0, 15.0, 0.0, 1.2);
(-50.0, 13.0, 0.0, 1.2);	(-50.0, 11.0, 0.0, 1.2);
(-50.0, 9.0, 0.0, 1.2);	(-50.0, -9.0, 0.0, 1.2);
(-50.0, -11.0, 0.0, 1.2);	(-50.0, -13.0, 0.0, 1.2);
(-50.0, -15.0, 0.0, 1.2);	(-50.0, -17.0, 0.0, 1.2);
(-50.0, -20.0, 0.0, 1.2);	(-50.0, -25.0, 0.0, 1.2);
(-50.0, -30.0, 0.0, 1.2);	(-50.0, -40.0, 0.0, 1.2);
(-50.0, -50.0, 0.0, 1.2);	(-50.0, -60.0, 0.0, 1.2);

09NCRA_NAPA00-300_DPM_TRAV_ANN E-W Bound

(-50.0, -70.0, 0.0, 1.2); (-50.0, -80.0, 0.0, 1.2);
(-50.0, -90.0, 0.0, 1.2); (-50.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-40.0, 100.0, 0.0, 1.2); (-40.0, 90.0, 0.0, 1.2);
(-40.0, 80.0, 0.0, 1.2); (-40.0, 70.0, 0.0, 1.2);
(-40.0, 60.0, 0.0, 1.2); (-40.0, 50.0, 0.0, 1.2);
(-40.0, 40.0, 0.0, 1.2); (-40.0, 30.0, 0.0, 1.2);
(-40.0, 25.0, 0.0, 1.2); (-40.0, 20.0, 0.0, 1.2);
(-40.0, 17.0, 0.0, 1.2); (-40.0, 15.0, 0.0, 1.2);
(-40.0, 13.0, 0.0, 1.2); (-40.0, 11.0, 0.0, 1.2);
(-40.0, 9.0, 0.0, 1.2); (-40.0, -9.0, 0.0, 1.2);
(-40.0, -11.0, 0.0, 1.2); (-40.0, -13.0, 0.0, 1.2);
(-40.0, -15.0, 0.0, 1.2); (-40.0, -17.0, 0.0, 1.2);
(-40.0, -20.0, 0.0, 1.2); (-40.0, -25.0, 0.0, 1.2);
(-40.0, -30.0, 0.0, 1.2); (-40.0, -40.0, 0.0, 1.2);
(-40.0, -50.0, 0.0, 1.2); (-40.0, -60.0, 0.0, 1.2);
(-40.0, -70.0, 0.0, 1.2); (-40.0, -80.0, 0.0, 1.2);
(-40.0, -90.0, 0.0, 1.2); (-40.0, -100.0, 0.0, 1.2);
(-30.0, 100.0, 0.0, 1.2); (-30.0, 90.0, 0.0, 1.2);
(-30.0, 80.0, 0.0, 1.2); (-30.0, 70.0, 0.0, 1.2);
(-30.0, 60.0, 0.0, 1.2); (-30.0, 50.0, 0.0, 1.2);
(-30.0, 40.0, 0.0, 1.2); (-30.0, 30.0, 0.0, 1.2);
(-30.0, 25.0, 0.0, 1.2); (-30.0, 20.0, 0.0, 1.2);
(-30.0, 17.0, 0.0, 1.2); (-30.0, 15.0, 0.0, 1.2);
(-30.0, 13.0, 0.0, 1.2); (-30.0, 11.0, 0.0, 1.2);
(-30.0, 9.0, 0.0, 1.2); (-30.0, -9.0, 0.0, 1.2);
(-30.0, -11.0, 0.0, 1.2); (-30.0, -13.0, 0.0, 1.2);
(-30.0, -15.0, 0.0, 1.2); (-30.0, -17.0, 0.0, 1.2);
(-30.0, -20.0, 0.0, 1.2); (-30.0, -25.0, 0.0, 1.2);
(-30.0, -30.0, 0.0, 1.2); (-30.0, -40.0, 0.0, 1.2);
(-30.0, -50.0, 0.0, 1.2); (-30.0, -60.0, 0.0, 1.2);
(-30.0, -70.0, 0.0, 1.2); (-30.0, -80.0, 0.0, 1.2);
(-30.0, -90.0, 0.0, 1.2); (-30.0, -100.0, 0.0, 1.2);
(-20.0, 100.0, 0.0, 1.2); (-20.0, 90.0, 0.0, 1.2);
(-20.0, 80.0, 0.0, 1.2); (-20.0, 70.0, 0.0, 1.2);
(-20.0, 60.0, 0.0, 1.2); (-20.0, 50.0, 0.0, 1.2);
(-20.0, 40.0, 0.0, 1.2); (-20.0, 30.0, 0.0, 1.2);
(-20.0, 25.0, 0.0, 1.2); (-20.0, 20.0, 0.0, 1.2);

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

(-20.0,	17.0,	0.0,	1.2);	(-20.0,	15.0,	0.0,	1.2);
(-20.0,	13.0,	0.0,	1.2);	(-20.0,	11.0,	0.0,	1.2);
(-20.0,	9.0,	0.0,	1.2);	(-20.0,	-9.0,	0.0,	1.2);
(-20.0,	-11.0,	0.0,	1.2);	(-20.0,	-13.0,	0.0,	1.2);
(-20.0,	-15.0,	0.0,	1.2);	(-20.0,	-17.0,	0.0,	1.2);
(-20.0,	-20.0,	0.0,	1.2);	(-20.0,	-25.0,	0.0,	1.2);
(-20.0,	-30.0,	0.0,	1.2);	(-20.0,	-40.0,	0.0,	1.2);
(-20.0,	-50.0,	0.0,	1.2);	(-20.0,	-60.0,	0.0,	1.2);
(-20.0,	-70.0,	0.0,	1.2);	(-20.0,	-80.0,	0.0,	1.2);
(-20.0,	-90.0,	0.0,	1.2);	(-20.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-10.0,	100.0,	0.0,	1.2);	(-10.0,	90.0,	0.0,	1.2);
(-10.0,	80.0,	0.0,	1.2);	(-10.0,	70.0,	0.0,	1.2);
(-10.0,	60.0,	0.0,	1.2);	(-10.0,	50.0,	0.0,	1.2);
(-10.0,	40.0,	0.0,	1.2);	(-10.0,	30.0,	0.0,	1.2);
(-10.0,	25.0,	0.0,	1.2);	(-10.0,	20.0,	0.0,	1.2);
(-10.0,	17.0,	0.0,	1.2);	(-10.0,	15.0,	0.0,	1.2);
(-10.0,	13.0,	0.0,	1.2);	(-10.0,	11.0,	0.0,	1.2);
(-10.0,	9.0,	0.0,	1.2);	(-10.0,	-9.0,	0.0,	1.2);
(-10.0,	-11.0,	0.0,	1.2);	(-10.0,	-13.0,	0.0,	1.2);
(-10.0,	-15.0,	0.0,	1.2);	(-10.0,	-17.0,	0.0,	1.2);
(-10.0,	-20.0,	0.0,	1.2);	(-10.0,	-25.0,	0.0,	1.2);
(-10.0,	-30.0,	0.0,	1.2);	(-10.0,	-40.0,	0.0,	1.2);
(-10.0,	-50.0,	0.0,	1.2);	(-10.0,	-60.0,	0.0,	1.2);
(-10.0,	-70.0,	0.0,	1.2);	(-10.0,	-80.0,	0.0,	1.2);
(-10.0,	-90.0,	0.0,	1.2);	(-10.0,	-100.0,	0.0,	1.2);
(0.0,	100.0,	0.0,	1.2);	(0.0,	90.0,	0.0,	1.2);
(0.0,	80.0,	0.0,	1.2);	(0.0,	70.0,	0.0,	1.2);
(0.0,	60.0,	0.0,	1.2);	(0.0,	50.0,	0.0,	1.2);
(0.0,	40.0,	0.0,	1.2);	(0.0,	30.0,	0.0,	1.2);
(0.0,	25.0,	0.0,	1.2);	(0.0,	20.0,	0.0,	1.2);
(0.0,	17.0,	0.0,	1.2);	(0.0,	15.0,	0.0,	1.2);
(0.0,	13.0,	0.0,	1.2);	(0.0,	11.0,	0.0,	1.2);
(0.0,	9.0,	0.0,	1.2);	(0.0,	-9.0,	0.0,	1.2);
(0.0,	-11.0,	0.0,	1.2);	(0.0,	-13.0,	0.0,	1.2);
(0.0,	-15.0,	0.0,	1.2);	(0.0,	-17.0,	0.0,	1.2);
(0.0,	-20.0,	0.0,	1.2);	(0.0,	-25.0,	0.0,	1.2);
(0.0,	-30.0,	0.0,	1.2);	(0.0,	-40.0,	0.0,	1.2);

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

(	0.0,	-50.0,	0.0,	1.2);	(	0.0,	-60.0,	0.0,	1.2);
(	0.0,	-70.0,	0.0,	1.2);	(	0.0,	-80.0,	0.0,	1.2);
(	0.0,	-90.0,	0.0,	1.2);	(	0.0,	-100.0,	0.0,	1.2);
(	10.0,	100.0,	0.0,	1.2);	(	10.0,	90.0,	0.0,	1.2);
(	10.0,	80.0,	0.0,	1.2);	(	10.0,	70.0,	0.0,	1.2);
(	10.0,	60.0,	0.0,	1.2);	(	10.0,	50.0,	0.0,	1.2);
(	10.0,	40.0,	0.0,	1.2);	(	10.0,	30.0,	0.0,	1.2);
(	10.0,	25.0,	0.0,	1.2);	(	10.0,	20.0,	0.0,	1.2);
(	10.0,	17.0,	0.0,	1.2);	(	10.0,	15.0,	0.0,	1.2);
(	10.0,	13.0,	0.0,	1.2);	(	10.0,	11.0,	0.0,	1.2);
(	10.0,	9.0,	0.0,	1.2);	(	10.0,	-9.0,	0.0,	1.2);
(	10.0,	-11.0,	0.0,	1.2);	(	10.0,	-13.0,	0.0,	1.2);
(	10.0,	-15.0,	0.0,	1.2);	(	10.0,	-17.0,	0.0,	1.2);
(	10.0,	-20.0,	0.0,	1.2);	(	10.0,	-25.0,	0.0,	1.2);
(	10.0,	-30.0,	0.0,	1.2);	(	10.0,	-40.0,	0.0,	1.2);
(	10.0,	-50.0,	0.0,	1.2);	(	10.0,	-60.0,	0.0,	1.2);
(	10.0,	-70.0,	0.0,	1.2);	(	10.0,	-80.0,	0.0,	1.2);
(	10.0,	-90.0,	0.0,	1.2);	(	10.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(	20.0,	100.0,	0.0,	1.2);	(	20.0,	90.0,	0.0,	1.2);
(	20.0,	80.0,	0.0,	1.2);	(	20.0,	70.0,	0.0,	1.2);
(	20.0,	60.0,	0.0,	1.2);	(	20.0,	50.0,	0.0,	1.2);
(	20.0,	40.0,	0.0,	1.2);	(	20.0,	30.0,	0.0,	1.2);
(	20.0,	25.0,	0.0,	1.2);	(	20.0,	20.0,	0.0,	1.2);
(	20.0,	17.0,	0.0,	1.2);	(	20.0,	15.0,	0.0,	1.2);
(	20.0,	13.0,	0.0,	1.2);	(	20.0,	11.0,	0.0,	1.2);
(	20.0,	9.0,	0.0,	1.2);	(	20.0,	-9.0,	0.0,	1.2);
(	20.0,	-11.0,	0.0,	1.2);	(	20.0,	-13.0,	0.0,	1.2);
(	20.0,	-15.0,	0.0,	1.2);	(	20.0,	-17.0,	0.0,	1.2);
(	20.0,	-20.0,	0.0,	1.2);	(	20.0,	-25.0,	0.0,	1.2);
(	20.0,	-30.0,	0.0,	1.2);	(	20.0,	-40.0,	0.0,	1.2);
(	20.0,	-50.0,	0.0,	1.2);	(	20.0,	-60.0,	0.0,	1.2);
(	20.0,	-70.0,	0.0,	1.2);	(	20.0,	-80.0,	0.0,	1.2);
(	20.0,	-90.0,	0.0,	1.2);	(	20.0,	-100.0,	0.0,	1.2);
(	30.0,	100.0,	0.0,	1.2);	(	30.0,	90.0,	0.0,	1.2);
(	30.0,	80.0,	0.0,	1.2);	(	30.0,	70.0,	0.0,	1.2);
(	30.0,	60.0,	0.0,	1.2);	(	30.0,	50.0,	0.0,	1.2);
(	30.0,	40.0,	0.0,	1.2);	(	30.0,	30.0,	0.0,	1.2);

09NCRA_NAPA00-300_DPM_TRAV_ANN E-W Bound

(30.0, 25.0, 0.0, 1.2);	(30.0, 20.0, 0.0, 1.2);
(30.0, 17.0, 0.0, 1.2);	(30.0, 15.0, 0.0, 1.2);
(30.0, 13.0, 0.0, 1.2);	(30.0, 11.0, 0.0, 1.2);
(30.0, 9.0, 0.0, 1.2);	(30.0, -9.0, 0.0, 1.2);
(30.0, -11.0, 0.0, 1.2);	(30.0, -13.0, 0.0, 1.2);
(30.0, -15.0, 0.0, 1.2);	(30.0, -17.0, 0.0, 1.2);
(30.0, -20.0, 0.0, 1.2);	(30.0, -25.0, 0.0, 1.2);
(30.0, -30.0, 0.0, 1.2);	(30.0, -40.0, 0.0, 1.2);
(30.0, -50.0, 0.0, 1.2);	(30.0, -60.0, 0.0, 1.2);
(30.0, -70.0, 0.0, 1.2);	(30.0, -80.0, 0.0, 1.2);
(30.0, -90.0, 0.0, 1.2);	(30.0, -100.0, 0.0, 1.2);
(40.0, 100.0, 0.0, 1.2);	(40.0, 90.0, 0.0, 1.2);
(40.0, 80.0, 0.0, 1.2);	(40.0, 70.0, 0.0, 1.2);
(40.0, 60.0, 0.0, 1.2);	(40.0, 50.0, 0.0, 1.2);
(40.0, 40.0, 0.0, 1.2);	(40.0, 30.0, 0.0, 1.2);
(40.0, 25.0, 0.0, 1.2);	(40.0, 20.0, 0.0, 1.2);
(40.0, 17.0, 0.0, 1.2);	(40.0, 15.0, 0.0, 1.2);
(40.0, 13.0, 0.0, 1.2);	(40.0, 11.0, 0.0, 1.2);
(40.0, 9.0, 0.0, 1.2);	(40.0, -9.0, 0.0, 1.2);
(40.0, -11.0, 0.0, 1.2);	(40.0, -13.0, 0.0, 1.2);
(40.0, -15.0, 0.0, 1.2);	(40.0, -17.0, 0.0, 1.2);
(40.0, -20.0, 0.0, 1.2);	(40.0, -25.0, 0.0, 1.2);
(40.0, -30.0, 0.0, 1.2);	(40.0, -40.0, 0.0, 1.2);
(40.0, -50.0, 0.0, 1.2);	(40.0, -60.0, 0.0, 1.2);
(40.0, -70.0, 0.0, 1.2);	(40.0, -80.0, 0.0, 1.2);
(40.0, -90.0, 0.0, 1.2);	(40.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:29:17

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(50.0, 100.0, 0.0, 1.2);	(50.0, 90.0, 0.0, 1.2);
(50.0, 80.0, 0.0, 1.2);	(50.0, 70.0, 0.0, 1.2);
(50.0, 60.0, 0.0, 1.2);	(50.0, 50.0, 0.0, 1.2);
(50.0, 40.0, 0.0, 1.2);	(50.0, 30.0, 0.0, 1.2);
(50.0, 25.0, 0.0, 1.2);	(50.0, 20.0, 0.0, 1.2);
(50.0, 17.0, 0.0, 1.2);	(50.0, 15.0, 0.0, 1.2);
(50.0, 13.0, 0.0, 1.2);	(50.0, 11.0, 0.0, 1.2);
(50.0, 9.0, 0.0, 1.2);	(50.0, -9.0, 0.0, 1.2);
(50.0, -11.0, 0.0, 1.2);	(50.0, -13.0, 0.0, 1.2);
(50.0, -15.0, 0.0, 1.2);	(50.0, -17.0, 0.0, 1.2);
(50.0, -20.0, 0.0, 1.2);	(50.0, -25.0, 0.0, 1.2);

09NCRA_NAPA00-300_DPM_TRAV_ANN E-W Bound

(50.0, -30.0, 0.0, 1.2);	(50.0, -40.0, 0.0, 1.2);
(50.0, -50.0, 0.0, 1.2);	(50.0, -60.0, 0.0, 1.2);
(50.0, -70.0, 0.0, 1.2);	(50.0, -80.0, 0.0, 1.2);
(50.0, -90.0, 0.0, 1.2);	(50.0, -100.0, 0.0, 1.2);
(60.0, 100.0, 0.0, 1.2);	(60.0, 90.0, 0.0, 1.2);
(60.0, 80.0, 0.0, 1.2);	(60.0, 70.0, 0.0, 1.2);
(60.0, 60.0, 0.0, 1.2);	(60.0, 50.0, 0.0, 1.2);
(60.0, 40.0, 0.0, 1.2);	(60.0, 30.0, 0.0, 1.2);
(60.0, 25.0, 0.0, 1.2);	(60.0, 20.0, 0.0, 1.2);
(60.0, 17.0, 0.0, 1.2);	(60.0, 15.0, 0.0, 1.2);
(60.0, 13.0, 0.0, 1.2);	(60.0, 11.0, 0.0, 1.2);
(60.0, 9.0, 0.0, 1.2);	(60.0, -9.0, 0.0, 1.2);
(60.0, -11.0, 0.0, 1.2);	(60.0, -13.0, 0.0, 1.2);
(60.0, -15.0, 0.0, 1.2);	(60.0, -17.0, 0.0, 1.2);
(60.0, -20.0, 0.0, 1.2);	(60.0, -25.0, 0.0, 1.2);
(60.0, -30.0, 0.0, 1.2);	(60.0, -40.0, 0.0, 1.2);
(60.0, -50.0, 0.0, 1.2);	(60.0, -60.0, 0.0, 1.2);
(60.0, -70.0, 0.0, 1.2);	(60.0, -80.0, 0.0, 1.2);
(60.0, -90.0, 0.0, 1.2);	(60.0, -100.0, 0.0, 1.2);
(70.0, 100.0, 0.0, 1.2);	(70.0, 90.0, 0.0, 1.2);
(70.0, 80.0, 0.0, 1.2);	(70.0, 70.0, 0.0, 1.2);
(70.0, 60.0, 0.0, 1.2);	(70.0, 50.0, 0.0, 1.2);
(70.0, 40.0, 0.0, 1.2);	(70.0, 30.0, 0.0, 1.2);
(70.0, 25.0, 0.0, 1.2);	(70.0, 20.0, 0.0, 1.2);
(70.0, 17.0, 0.0, 1.2);	(70.0, 15.0, 0.0, 1.2);
(70.0, 13.0, 0.0, 1.2);	(70.0, 11.0, 0.0, 1.2);
(70.0, 9.0, 0.0, 1.2);	(70.0, -9.0, 0.0, 1.2);
(70.0, -11.0, 0.0, 1.2);	(70.0, -13.0, 0.0, 1.2);
(70.0, -15.0, 0.0, 1.2);	(70.0, -17.0, 0.0, 1.2);
(70.0, -20.0, 0.0, 1.2);	(70.0, -25.0, 0.0, 1.2);
(70.0, -30.0, 0.0, 1.2);	(70.0, -40.0, 0.0, 1.2);
(70.0, -50.0, 0.0, 1.2);	(70.0, -60.0, 0.0, 1.2);
(70.0, -70.0, 0.0, 1.2);	(70.0, -80.0, 0.0, 1.2);
(70.0, -90.0, 0.0, 1.2);	(70.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTS:
PAGE 15

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(80.0, 100.0, 0.0, 1.2);	(80.0, 90.0, 0.0, 1.2);
(80.0, 80.0, 0.0, 1.2);	(80.0, 70.0, 0.0, 1.2);
(80.0, 60.0, 0.0, 1.2);	(80.0, 50.0, 0.0, 1.2);

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

(80.0, 40.0, 0.0, 1.2);	(80.0, 30.0, 0.0, 1.2);
(80.0, 25.0, 0.0, 1.2);	(80.0, 20.0, 0.0, 1.2);
(80.0, 17.0, 0.0, 1.2);	(80.0, 15.0, 0.0, 1.2);
(80.0, 13.0, 0.0, 1.2);	(80.0, 11.0, 0.0, 1.2);
(80.0, 9.0, 0.0, 1.2);	(80.0, -9.0, 0.0, 1.2);
(80.0, -11.0, 0.0, 1.2);	(80.0, -13.0, 0.0, 1.2);
(80.0, -15.0, 0.0, 1.2);	(80.0, -17.0, 0.0, 1.2);
(80.0, -20.0, 0.0, 1.2);	(80.0, -25.0, 0.0, 1.2);
(80.0, -30.0, 0.0, 1.2);	(80.0, -40.0, 0.0, 1.2);
(80.0, -50.0, 0.0, 1.2);	(80.0, -60.0, 0.0, 1.2);
(80.0, -70.0, 0.0, 1.2);	(80.0, -80.0, 0.0, 1.2);
(80.0, -90.0, 0.0, 1.2);	(80.0, -100.0, 0.0, 1.2);
(90.0, 100.0, 0.0, 1.2);	(90.0, 90.0, 0.0, 1.2);
(90.0, 80.0, 0.0, 1.2);	(90.0, 70.0, 0.0, 1.2);
(90.0, 60.0, 0.0, 1.2);	(90.0, 50.0, 0.0, 1.2);
(90.0, 40.0, 0.0, 1.2);	(90.0, 30.0, 0.0, 1.2);
(90.0, 25.0, 0.0, 1.2);	(90.0, 20.0, 0.0, 1.2);
(90.0, 17.0, 0.0, 1.2);	(90.0, 15.0, 0.0, 1.2);
(90.0, 13.0, 0.0, 1.2);	(90.0, 11.0, 0.0, 1.2);
(90.0, 9.0, 0.0, 1.2);	(90.0, -9.0, 0.0, 1.2);
(90.0, -11.0, 0.0, 1.2);	(90.0, -13.0, 0.0, 1.2);
(90.0, -15.0, 0.0, 1.2);	(90.0, -17.0, 0.0, 1.2);
(90.0, -20.0, 0.0, 1.2);	(90.0, -25.0, 0.0, 1.2);
(90.0, -30.0, 0.0, 1.2);	(90.0, -40.0, 0.0, 1.2);
(90.0, -50.0, 0.0, 1.2);	(90.0, -60.0, 0.0, 1.2);
(90.0, -70.0, 0.0, 1.2);	(90.0, -80.0, 0.0, 1.2);
(90.0, -90.0, 0.0, 1.2);	(90.0, -100.0, 0.0, 1.2);
(100.0, 100.0, 0.0, 1.2);	(100.0, 90.0, 0.0, 1.2);
(100.0, 80.0, 0.0, 1.2);	(100.0, 70.0, 0.0, 1.2);
(100.0, 60.0, 0.0, 1.2);	(100.0, 50.0, 0.0, 1.2);
(100.0, 40.0, 0.0, 1.2);	(100.0, 30.0, 0.0, 1.2);
(100.0, 25.0, 0.0, 1.2);	(100.0, 20.0, 0.0, 1.2);
(100.0, 17.0, 0.0, 1.2);	(100.0, 15.0, 0.0, 1.2);
(100.0, 13.0, 0.0, 1.2);	(100.0, 11.0, 0.0, 1.2);
(100.0, 9.0, 0.0, 1.2);	(100.0, -9.0, 0.0, 1.2);
(100.0, -11.0, 0.0, 1.2);	(100.0, -13.0, 0.0, 1.2);
(100.0, -15.0, 0.0, 1.2);	(100.0, -17.0, 0.0, 1.2);
(100.0, -20.0, 0.0, 1.2);	(100.0, -25.0, 0.0, 1.2);
(100.0, -30.0, 0.0, 1.2);	(100.0, -40.0, 0.0, 1.2);
(100.0, -50.0, 0.0, 1.2);	(100.0, -60.0, 0.0, 1.2);
(100.0, -70.0, 0.0, 1.2);	(100.0, -80.0, 0.0, 1.2);
(100.0, -90.0, 0.0, 1.2);	(100.0, -100.0, 0.0, 1.2);

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(110.0, 100.0, 0.0, 1.2);	(110.0, 90.0, 0.0, 1.2);
(110.0, 80.0, 0.0, 1.2);	(110.0, 70.0, 0.0, 1.2);
(110.0, 60.0, 0.0, 1.2);	(110.0, 50.0, 0.0, 1.2);
(110.0, 40.0, 0.0, 1.2);	(110.0, 30.0, 0.0, 1.2);
(110.0, 25.0, 0.0, 1.2);	(110.0, 20.0, 0.0, 1.2);
(110.0, 17.0, 0.0, 1.2);	(110.0, 15.0, 0.0, 1.2);
(110.0, 13.0, 0.0, 1.2);	(110.0, 11.0, 0.0, 1.2);
(110.0, 9.0, 0.0, 1.2);	(110.0, -9.0, 0.0, 1.2);
(110.0, -11.0, 0.0, 1.2);	(110.0, -13.0, 0.0, 1.2);
(110.0, -15.0, 0.0, 1.2);	(110.0, -17.0, 0.0, 1.2);
(110.0, -20.0, 0.0, 1.2);	(110.0, -25.0, 0.0, 1.2);
(110.0, -30.0, 0.0, 1.2);	(110.0, -40.0, 0.0, 1.2);
(110.0, -50.0, 0.0, 1.2);	(110.0, -60.0, 0.0, 1.2);
(110.0, -70.0, 0.0, 1.2);	(110.0, -80.0, 0.0, 1.2);
(110.0, -90.0, 0.0, 1.2);	(110.0, -100.0, 0.0, 1.2);
(120.0, 100.0, 0.0, 1.2);	(120.0, 90.0, 0.0, 1.2);
(120.0, 80.0, 0.0, 1.2);	(120.0, 70.0, 0.0, 1.2);
(120.0, 60.0, 0.0, 1.2);	(120.0, 50.0, 0.0, 1.2);
(120.0, 40.0, 0.0, 1.2);	(120.0, 30.0, 0.0, 1.2);
(120.0, 25.0, 0.0, 1.2);	(120.0, 20.0, 0.0, 1.2);
(120.0, 17.0, 0.0, 1.2);	(120.0, 15.0, 0.0, 1.2);
(120.0, 13.0, 0.0, 1.2);	(120.0, 11.0, 0.0, 1.2);
(120.0, 9.0, 0.0, 1.2);	(120.0, -9.0, 0.0, 1.2);
(120.0, -11.0, 0.0, 1.2);	(120.0, -13.0, 0.0, 1.2);
(120.0, -15.0, 0.0, 1.2);	(120.0, -17.0, 0.0, 1.2);
(120.0, -20.0, 0.0, 1.2);	(120.0, -25.0, 0.0, 1.2);
(120.0, -30.0, 0.0, 1.2);	(120.0, -40.0, 0.0, 1.2);
(120.0, -50.0, 0.0, 1.2);	(120.0, -60.0, 0.0, 1.2);
(120.0, -70.0, 0.0, 1.2);	(120.0, -80.0, 0.0, 1.2);
(120.0, -90.0, 0.0, 1.2);	(120.0, -100.0, 0.0, 1.2);
(130.0, 100.0, 0.0, 1.2);	(130.0, 90.0, 0.0, 1.2);
(130.0, 80.0, 0.0, 1.2);	(130.0, 70.0, 0.0, 1.2);
(130.0, 60.0, 0.0, 1.2);	(130.0, 50.0, 0.0, 1.2);
(130.0, 40.0, 0.0, 1.2);	(130.0, 30.0, 0.0, 1.2);
(130.0, 25.0, 0.0, 1.2);	(130.0, 20.0, 0.0, 1.2);
(130.0, 17.0, 0.0, 1.2);	(130.0, 15.0, 0.0, 1.2);
(130.0, 13.0, 0.0, 1.2);	(130.0, 11.0, 0.0, 1.2);
(130.0, 9.0, 0.0, 1.2);	(130.0, -9.0, 0.0, 1.2);
(130.0, -11.0, 0.0, 1.2);	(130.0, -13.0, 0.0, 1.2);

09NCRA_NAPA00-300_DPM_TRAV_ANN E-W Bound

(130.0,	-15.0,	0.0,	1.2);	(130.0,	-17.0,	0.0,	1.2);
(130.0,	-20.0,	0.0,	1.2);	(130.0,	-25.0,	0.0,	1.2);
(130.0,	-30.0,	0.0,	1.2);	(130.0,	-40.0,	0.0,	1.2);
(130.0,	-50.0,	0.0,	1.2);	(130.0,	-60.0,	0.0,	1.2);
(130.0,	-70.0,	0.0,	1.2);	(130.0,	-80.0,	0.0,	1.2);
(130.0,	-90.0,	0.0,	1.2);	(130.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(140.0,	100.0,	0.0,	1.2);	(140.0,	90.0,	0.0,	1.2);
(140.0,	80.0,	0.0,	1.2);	(140.0,	70.0,	0.0,	1.2);
(140.0,	60.0,	0.0,	1.2);	(140.0,	50.0,	0.0,	1.2);
(140.0,	40.0,	0.0,	1.2);	(140.0,	30.0,	0.0,	1.2);
(140.0,	25.0,	0.0,	1.2);	(140.0,	20.0,	0.0,	1.2);
(140.0,	17.0,	0.0,	1.2);	(140.0,	15.0,	0.0,	1.2);
(140.0,	13.0,	0.0,	1.2);	(140.0,	11.0,	0.0,	1.2);
(140.0,	9.0,	0.0,	1.2);	(140.0,	-9.0,	0.0,	1.2);
(140.0,	-11.0,	0.0,	1.2);	(140.0,	-13.0,	0.0,	1.2);
(140.0,	-15.0,	0.0,	1.2);	(140.0,	-17.0,	0.0,	1.2);
(140.0,	-20.0,	0.0,	1.2);	(140.0,	-25.0,	0.0,	1.2);
(140.0,	-30.0,	0.0,	1.2);	(140.0,	-40.0,	0.0,	1.2);
(140.0,	-50.0,	0.0,	1.2);	(140.0,	-60.0,	0.0,	1.2);
(140.0,	-70.0,	0.0,	1.2);	(140.0,	-80.0,	0.0,	1.2);
(140.0,	-90.0,	0.0,	1.2);	(140.0,	-100.0,	0.0,	1.2);
(150.0,	100.0,	0.0,	1.2);	(150.0,	90.0,	0.0,	1.2);
(150.0,	80.0,	0.0,	1.2);	(150.0,	70.0,	0.0,	1.2);
(150.0,	60.0,	0.0,	1.2);	(150.0,	50.0,	0.0,	1.2);
(150.0,	40.0,	0.0,	1.2);	(150.0,	30.0,	0.0,	1.2);
(150.0,	25.0,	0.0,	1.2);	(150.0,	20.0,	0.0,	1.2);
(150.0,	17.0,	0.0,	1.2);	(150.0,	15.0,	0.0,	1.2);
(150.0,	13.0,	0.0,	1.2);	(150.0,	11.0,	0.0,	1.2);
(150.0,	9.0,	0.0,	1.2);	(150.0,	-9.0,	0.0,	1.2);
(150.0,	-11.0,	0.0,	1.2);	(150.0,	-13.0,	0.0,	1.2);
(150.0,	-15.0,	0.0,	1.2);	(150.0,	-17.0,	0.0,	1.2);
(150.0,	-20.0,	0.0,	1.2);	(150.0,	-25.0,	0.0,	1.2);
(150.0,	-30.0,	0.0,	1.2);	(150.0,	-40.0,	0.0,	1.2);
(150.0,	-50.0,	0.0,	1.2);	(150.0,	-60.0,	0.0,	1.2);
(150.0,	-70.0,	0.0,	1.2);	(150.0,	-80.0,	0.0,	1.2);
(150.0,	-90.0,	0.0,	1.2);	(150.0,	-100.0,	0.0,	1.2);
(160.0,	100.0,	0.0,	1.2);	(160.0,	90.0,	0.0,	1.2);

09NCRA_NAPA00-300_DPM_TRAV_ANN E-W Bound

(160.0,	80.0,	0.0,	1.2);	(160.0,	70.0,	0.0,	1.2);
(160.0,	60.0,	0.0,	1.2);	(160.0,	50.0,	0.0,	1.2);
(160.0,	40.0,	0.0,	1.2);	(160.0,	30.0,	0.0,	1.2);
(160.0,	25.0,	0.0,	1.2);	(160.0,	20.0,	0.0,	1.2);
(160.0,	17.0,	0.0,	1.2);	(160.0,	15.0,	0.0,	1.2);
(160.0,	13.0,	0.0,	1.2);	(160.0,	11.0,	0.0,	1.2);
(160.0,	9.0,	0.0,	1.2);	(160.0,	-9.0,	0.0,	1.2);
(160.0,	-11.0,	0.0,	1.2);	(160.0,	-13.0,	0.0,	1.2);
(160.0,	-15.0,	0.0,	1.2);	(160.0,	-17.0,	0.0,	1.2);
(160.0,	-20.0,	0.0,	1.2);	(160.0,	-25.0,	0.0,	1.2);
(160.0,	-30.0,	0.0,	1.2);	(160.0,	-40.0,	0.0,	1.2);
(160.0,	-50.0,	0.0,	1.2);	(160.0,	-60.0,	0.0,	1.2);
(160.0,	-70.0,	0.0,	1.2);	(160.0,	-80.0,	0.0,	1.2);
(160.0,	-90.0,	0.0,	1.2);	(160.0,	-100.0,	0.0,	1.2);

1 *** ISCT3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:29:17

**MODELOPTs:

PAGE 18

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(170.0,	100.0,	0.0,	1.2);	(170.0,	90.0,	0.0,	1.2);
(170.0,	80.0,	0.0,	1.2);	(170.0,	70.0,	0.0,	1.2);
(170.0,	60.0,	0.0,	1.2);	(170.0,	50.0,	0.0,	1.2);
(170.0,	40.0,	0.0,	1.2);	(170.0,	30.0,	0.0,	1.2);
(170.0,	25.0,	0.0,	1.2);	(170.0,	20.0,	0.0,	1.2);
(170.0,	17.0,	0.0,	1.2);	(170.0,	15.0,	0.0,	1.2);
(170.0,	13.0,	0.0,	1.2);	(170.0,	11.0,	0.0,	1.2);
(170.0,	9.0,	0.0,	1.2);	(170.0,	-9.0,	0.0,	1.2);
(170.0,	-11.0,	0.0,	1.2);	(170.0,	-13.0,	0.0,	1.2);
(170.0,	-15.0,	0.0,	1.2);	(170.0,	-17.0,	0.0,	1.2);
(170.0,	-20.0,	0.0,	1.2);	(170.0,	-25.0,	0.0,	1.2);
(170.0,	-30.0,	0.0,	1.2);	(170.0,	-40.0,	0.0,	1.2);
(170.0,	-50.0,	0.0,	1.2);	(170.0,	-60.0,	0.0,	1.2);
(170.0,	-70.0,	0.0,	1.2);	(170.0,	-80.0,	0.0,	1.2);
(170.0,	-90.0,	0.0,	1.2);	(170.0,	-100.0,	0.0,	1.2);
(180.0,	100.0,	0.0,	1.2);	(180.0,	90.0,	0.0,	1.2);
(180.0,	80.0,	0.0,	1.2);	(180.0,	70.0,	0.0,	1.2);
(180.0,	60.0,	0.0,	1.2);	(180.0,	50.0,	0.0,	1.2);
(180.0,	40.0,	0.0,	1.2);	(180.0,	30.0,	0.0,	1.2);
(180.0,	25.0,	0.0,	1.2);	(180.0,	20.0,	0.0,	1.2);
(180.0,	17.0,	0.0,	1.2);	(180.0,	15.0,	0.0,	1.2);
(180.0,	13.0,	0.0,	1.2);	(180.0,	11.0,	0.0,	1.2);
(180.0,	9.0,	0.0,	1.2);	(180.0,	-9.0,	0.0,	1.2);

09NCRA_NAPA00-300_DPM_TRAV_ANN E-W Bound

(180.0,	-11.0,	0.0,	1.2);	(180.0,	-13.0,	0.0,	1.2);
(180.0,	-15.0,	0.0,	1.2);	(180.0,	-17.0,	0.0,	1.2);
(180.0,	-20.0,	0.0,	1.2);	(180.0,	-25.0,	0.0,	1.2);
(180.0,	-30.0,	0.0,	1.2);	(180.0,	-40.0,	0.0,	1.2);
(180.0,	-50.0,	0.0,	1.2);	(180.0,	-60.0,	0.0,	1.2);
(180.0,	-70.0,	0.0,	1.2);	(180.0,	-80.0,	0.0,	1.2);
(180.0,	-90.0,	0.0,	1.2);	(180.0,	-100.0,	0.0,	1.2);
(190.0,	100.0,	0.0,	1.2);	(190.0,	90.0,	0.0,	1.2);
(190.0,	80.0,	0.0,	1.2);	(190.0,	70.0,	0.0,	1.2);
(190.0,	60.0,	0.0,	1.2);	(190.0,	50.0,	0.0,	1.2);
(190.0,	40.0,	0.0,	1.2);	(190.0,	30.0,	0.0,	1.2);
(190.0,	25.0,	0.0,	1.2);	(190.0,	20.0,	0.0,	1.2);
(190.0,	17.0,	0.0,	1.2);	(190.0,	15.0,	0.0,	1.2);
(190.0,	13.0,	0.0,	1.2);	(190.0,	11.0,	0.0,	1.2);
(190.0,	9.0,	0.0,	1.2);	(190.0,	-9.0,	0.0,	1.2);
(190.0,	-11.0,	0.0,	1.2);	(190.0,	-13.0,	0.0,	1.2);
(190.0,	-15.0,	0.0,	1.2);	(190.0,	-17.0,	0.0,	1.2);
(190.0,	-20.0,	0.0,	1.2);	(190.0,	-25.0,	0.0,	1.2);
(190.0,	-30.0,	0.0,	1.2);	(190.0,	-40.0,	0.0,	1.2);
(190.0,	-50.0,	0.0,	1.2);	(190.0,	-60.0,	0.0,	1.2);
(190.0,	-70.0,	0.0,	1.2);	(190.0,	-80.0,	0.0,	1.2);
(190.0,	-90.0,	0.0,	1.2);	(190.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTS:
 PAGE 19

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(200.0,	100.0,	0.0,	1.2);	(200.0,	90.0,	0.0,	1.2);
(200.0,	80.0,	0.0,	1.2);	(200.0,	70.0,	0.0,	1.2);
(200.0,	60.0,	0.0,	1.2);	(200.0,	50.0,	0.0,	1.2);
(200.0,	40.0,	0.0,	1.2);	(200.0,	30.0,	0.0,	1.2);
(200.0,	25.0,	0.0,	1.2);	(200.0,	20.0,	0.0,	1.2);
(200.0,	17.0,	0.0,	1.2);	(200.0,	15.0,	0.0,	1.2);
(200.0,	13.0,	0.0,	1.2);	(200.0,	11.0,	0.0,	1.2);
(200.0,	9.0,	0.0,	1.2);	(200.0,	-9.0,	0.0,	1.2);
(200.0,	-11.0,	0.0,	1.2);	(200.0,	-13.0,	0.0,	1.2);
(200.0,	-15.0,	0.0,	1.2);	(200.0,	-17.0,	0.0,	1.2);
(200.0,	-20.0,	0.0,	1.2);	(200.0,	-25.0,	0.0,	1.2);
(200.0,	-30.0,	0.0,	1.2);	(200.0,	-40.0,	0.0,	1.2);
(200.0,	-50.0,	0.0,	1.2);	(200.0,	-60.0,	0.0,	1.2);
(200.0,	-70.0,	0.0,	1.2);	(200.0,	-80.0,	0.0,	1.2);
(200.0,	-90.0,	0.0,	1.2);	(200.0,	-100.0,	0.0,	1.2);

09NCRA_NAPA00-300_DPM_TRAV_ANN E-W Bound

(210.0,	100.0,	0.0,	1.2);	(210.0,	90.0,	0.0,	1.2);
(210.0,	80.0,	0.0,	1.2);	(210.0,	70.0,	0.0,	1.2);
(210.0,	60.0,	0.0,	1.2);	(210.0,	50.0,	0.0,	1.2);
(210.0,	40.0,	0.0,	1.2);	(210.0,	30.0,	0.0,	1.2);
(210.0,	25.0,	0.0,	1.2);	(210.0,	20.0,	0.0,	1.2);
(210.0,	17.0,	0.0,	1.2);	(210.0,	15.0,	0.0,	1.2);
(210.0,	13.0,	0.0,	1.2);	(210.0,	11.0,	0.0,	1.2);
(210.0,	9.0,	0.0,	1.2);	(210.0,	-9.0,	0.0,	1.2);
(210.0,	-11.0,	0.0,	1.2);	(210.0,	-13.0,	0.0,	1.2);
(210.0,	-15.0,	0.0,	1.2);	(210.0,	-17.0,	0.0,	1.2);
(210.0,	-20.0,	0.0,	1.2);	(210.0,	-25.0,	0.0,	1.2);
(210.0,	-30.0,	0.0,	1.2);	(210.0,	-40.0,	0.0,	1.2);
(210.0,	-50.0,	0.0,	1.2);	(210.0,	-60.0,	0.0,	1.2);
(210.0,	-70.0,	0.0,	1.2);	(210.0,	-80.0,	0.0,	1.2);
(210.0,	-90.0,	0.0,	1.2);	(210.0,	-100.0,	0.0,	1.2);
(220.0,	100.0,	0.0,	1.2);	(220.0,	90.0,	0.0,	1.2);
(220.0,	80.0,	0.0,	1.2);	(220.0,	70.0,	0.0,	1.2);
(220.0,	60.0,	0.0,	1.2);	(220.0,	50.0,	0.0,	1.2);
(220.0,	40.0,	0.0,	1.2);	(220.0,	30.0,	0.0,	1.2);
(220.0,	25.0,	0.0,	1.2);	(220.0,	20.0,	0.0,	1.2);
(220.0,	17.0,	0.0,	1.2);	(220.0,	15.0,	0.0,	1.2);
(220.0,	13.0,	0.0,	1.2);	(220.0,	11.0,	0.0,	1.2);
(220.0,	9.0,	0.0,	1.2);	(220.0,	-9.0,	0.0,	1.2);
(220.0,	-11.0,	0.0,	1.2);	(220.0,	-13.0,	0.0,	1.2);
(220.0,	-15.0,	0.0,	1.2);	(220.0,	-17.0,	0.0,	1.2);
(220.0,	-20.0,	0.0,	1.2);	(220.0,	-25.0,	0.0,	1.2);
(220.0,	-30.0,	0.0,	1.2);	(220.0,	-40.0,	0.0,	1.2);
(220.0,	-50.0,	0.0,	1.2);	(220.0,	-60.0,	0.0,	1.2);
(220.0,	-70.0,	0.0,	1.2);	(220.0,	-80.0,	0.0,	1.2);
(220.0,	-90.0,	0.0,	1.2);	(220.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
PAGE 20

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(230.0,	100.0,	0.0,	1.2);	(230.0,	90.0,	0.0,	1.2);
(230.0,	80.0,	0.0,	1.2);	(230.0,	70.0,	0.0,	1.2);
(230.0,	60.0,	0.0,	1.2);	(230.0,	50.0,	0.0,	1.2);
(230.0,	40.0,	0.0,	1.2);	(230.0,	30.0,	0.0,	1.2);
(230.0,	25.0,	0.0,	1.2);	(230.0,	20.0,	0.0,	1.2);
(230.0,	17.0,	0.0,	1.2);	(230.0,	15.0,	0.0,	1.2);
(230.0,	13.0,	0.0,	1.2);	(230.0,	11.0,	0.0,	1.2);

09NCRA_NAPA00-300_DPM_TRAV_ANN E-W Bound

(230.0,	9.0,	0.0,	1.2);	(230.0,	-9.0,	0.0,	1.2);
(230.0,	-11.0,	0.0,	1.2);	(230.0,	-13.0,	0.0,	1.2);
(230.0,	-15.0,	0.0,	1.2);	(230.0,	-17.0,	0.0,	1.2);
(230.0,	-20.0,	0.0,	1.2);	(230.0,	-25.0,	0.0,	1.2);
(230.0,	-30.0,	0.0,	1.2);	(230.0,	-40.0,	0.0,	1.2);
(230.0,	-50.0,	0.0,	1.2);	(230.0,	-60.0,	0.0,	1.2);
(230.0,	-70.0,	0.0,	1.2);	(230.0,	-80.0,	0.0,	1.2);
(230.0,	-90.0,	0.0,	1.2);	(230.0,	-100.0,	0.0,	1.2);
(240.0,	100.0,	0.0,	1.2);	(240.0,	90.0,	0.0,	1.2);
(240.0,	80.0,	0.0,	1.2);	(240.0,	70.0,	0.0,	1.2);
(240.0,	60.0,	0.0,	1.2);	(240.0,	50.0,	0.0,	1.2);
(240.0,	40.0,	0.0,	1.2);	(240.0,	30.0,	0.0,	1.2);
(240.0,	25.0,	0.0,	1.2);	(240.0,	20.0,	0.0,	1.2);
(240.0,	17.0,	0.0,	1.2);	(240.0,	15.0,	0.0,	1.2);
(240.0,	13.0,	0.0,	1.2);	(240.0,	11.0,	0.0,	1.2);
(240.0,	9.0,	0.0,	1.2);	(240.0,	-9.0,	0.0,	1.2);
(240.0,	-11.0,	0.0,	1.2);	(240.0,	-13.0,	0.0,	1.2);
(240.0,	-15.0,	0.0,	1.2);	(240.0,	-17.0,	0.0,	1.2);
(240.0,	-20.0,	0.0,	1.2);	(240.0,	-25.0,	0.0,	1.2);
(240.0,	-30.0,	0.0,	1.2);	(240.0,	-40.0,	0.0,	1.2);
(240.0,	-50.0,	0.0,	1.2);	(240.0,	-60.0,	0.0,	1.2);
(240.0,	-70.0,	0.0,	1.2);	(240.0,	-80.0,	0.0,	1.2);
(240.0,	-90.0,	0.0,	1.2);	(240.0,	-100.0,	0.0,	1.2);
(250.0,	100.0,	0.0,	1.2);	(250.0,	90.0,	0.0,	1.2);
(250.0,	80.0,	0.0,	1.2);	(250.0,	70.0,	0.0,	1.2);
(250.0,	60.0,	0.0,	1.2);	(250.0,	50.0,	0.0,	1.2);
(250.0,	40.0,	0.0,	1.2);	(250.0,	30.0,	0.0,	1.2);
(250.0,	25.0,	0.0,	1.2);	(250.0,	20.0,	0.0,	1.2);
(250.0,	17.0,	0.0,	1.2);	(250.0,	15.0,	0.0,	1.2);
(250.0,	13.0,	0.0,	1.2);	(250.0,	11.0,	0.0,	1.2);
(250.0,	9.0,	0.0,	1.2);	(250.0,	-9.0,	0.0,	1.2);
(250.0,	-11.0,	0.0,	1.2);	(250.0,	-13.0,	0.0,	1.2);
(250.0,	-15.0,	0.0,	1.2);	(250.0,	-17.0,	0.0,	1.2);
(250.0,	-20.0,	0.0,	1.2);	(250.0,	-25.0,	0.0,	1.2);
(250.0,	-30.0,	0.0,	1.2);	(250.0,	-40.0,	0.0,	1.2);
(250.0,	-50.0,	0.0,	1.2);	(250.0,	-60.0,	0.0,	1.2);
(250.0,	-70.0,	0.0,	1.2);	(250.0,	-80.0,	0.0,	1.2);
(250.0,	-90.0,	0.0,	1.2);	(250.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
 (1=YES; 0=NO)

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 2000 1 1 1
 AND END DATE: 2000 12 31 24

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
 (METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
 (DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: C:\NCRA\Modeling\Met Data\Napa\NAP003RA.ASC

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)

SURFACE STATION NO.: 4901 UPPER AIR STATION NO.: 4901
 NAME: UNKNOWN NAME: UNKNOWN
 YEAR: 2000 YEAR: 2000

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
00	01	01	01	182.9	1.52	279.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	02	210.0	1.65	278.7	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	03	199.7	1.34	278.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	04	201.1	1.21	279.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	05	189.9	1.00	278.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	06	231.5	1.65	278.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	07	158.6	1.65	278.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	08	205.5	1.25	277.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	09	90.3	1.00	277.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	10	197.9	1.00	279.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	11	151.5	1.43	281.1	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	12	123.0	1.21	282.2	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	13	46.8	1.70	282.9	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	14	28.8	2.19	284.3	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	15	83.0	3.80	285.7	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	16	71.2	3.08	284.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	17	93.6	3.40	284.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	18	88.3	4.16	284.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	19	117.4	2.82	283.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	20	123.8	1.70	283.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	21	248.8	1.30	279.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	22	248.5	1.12	277.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	23	253.2	1.07	276.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	24	233.2	1.43	275.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08
17:29:17

*** Maximum train overlap at East/West Bound Direction ***

**MODELOPTs:
PAGE 23

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00004	-250.00	90.00	0.00004
-250.00	80.00	0.00004	-250.00	70.00	0.00004
-250.00	60.00	0.00004	-250.00	50.00	0.00005
-250.00	40.00	0.00005	-250.00	30.00	0.00005
-250.00	25.00	0.00005	-250.00	20.00	0.00005
-250.00	17.00	0.00006	-250.00	15.00	0.00006
-250.00	13.00	0.00006	-250.00	11.00	0.00006
-250.00	9.00	0.00006	-250.00	-9.00	0.00006
-250.00	-11.00	0.00007	-250.00	-13.00	0.00007
-250.00	-15.00	0.00007	-250.00	-17.00	0.00007
-250.00	-20.00	0.00007	-250.00	-25.00	0.00007
-250.00	-30.00	0.00007	-250.00	-40.00	0.00008
-250.00	-50.00	0.00008	-250.00	-60.00	0.00008
-250.00	-70.00	0.00008	-250.00	-80.00	0.00009
-250.00	-90.00	0.00009	-250.00	-100.00	0.00009
-240.00	100.00	0.00004	-240.00	90.00	0.00004
-240.00	80.00	0.00004	-240.00	70.00	0.00005

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-240.00	60.00	0.00005	-240.00	50.00	0.00005
-240.00	40.00	0.00005	-240.00	30.00	0.00005
-240.00	25.00	0.00005	-240.00	20.00	0.00006
-240.00	17.00	0.00006	-240.00	15.00	0.00006
-240.00	13.00	0.00006	-240.00	11.00	0.00006
-240.00	9.00	0.00006	-240.00	-9.00	0.00007
-240.00	-11.00	0.00007	-240.00	-13.00	0.00007
-240.00	-15.00	0.00007	-240.00	-17.00	0.00007
-240.00	-20.00	0.00007	-240.00	-25.00	0.00007
-240.00	-30.00	0.00008	-240.00	-40.00	0.00008
-240.00	-50.00	0.00008	-240.00	-60.00	0.00009
-240.00	-70.00	0.00009	-240.00	-80.00	0.00009
-240.00	-90.00	0.00009	-240.00	-100.00	0.00009
-230.00	100.00	0.00004	-230.00	90.00	0.00004
-230.00	80.00	0.00005	-230.00	70.00	0.00005
-230.00	60.00	0.00005	-230.00	50.00	0.00005
-230.00	40.00	0.00005	-230.00	30.00	0.00006
-230.00	25.00	0.00006	-230.00	20.00	0.00006
-230.00	17.00	0.00006	-230.00	15.00	0.00006
-230.00	13.00	0.00006	-230.00	11.00	0.00006
-230.00	9.00	0.00006	-230.00	-9.00	0.00007
-230.00	-11.00	0.00007	-230.00	-13.00	0.00007
-230.00	-15.00	0.00007	-230.00	-17.00	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 17:29:17
 **MODELOPTS:
 PAGE 24
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00008	-230.00	-25.00	0.00008
-230.00	-30.00	0.00008	-230.00	-40.00	0.00008
-230.00	-50.00	0.00009	-230.00	-60.00	0.00009
-230.00	-70.00	0.00009	-230.00	-80.00	0.00009
-230.00	-90.00	0.00010	-230.00	-100.00	0.00010
-220.00	100.00	0.00005	-220.00	90.00	0.00005
-220.00	80.00	0.00005	-220.00	70.00	0.00005
-220.00	60.00	0.00005	-220.00	50.00	0.00005
-220.00	40.00	0.00005	-220.00	30.00	0.00006
-220.00	25.00	0.00006	-220.00	20.00	0.00006
-220.00	17.00	0.00006	-220.00	15.00	0.00006

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-220.00	13.00	0.00006	-220.00	11.00	0.00007
-220.00	9.00	0.00007	-220.00	-9.00	0.00007
-220.00	-11.00	0.00008	-220.00	-13.00	0.00008
-220.00	-15.00	0.00008	-220.00	-17.00	0.00008
-220.00	-20.00	0.00008	-220.00	-25.00	0.00008
-220.00	-30.00	0.00008	-220.00	-40.00	0.00009
-220.00	-50.00	0.00009	-220.00	-60.00	0.00009
-220.00	-70.00	0.00010	-220.00	-80.00	0.00010
-220.00	-90.00	0.00010	-220.00	-100.00	0.00010
-210.00	100.00	0.00005	-210.00	90.00	0.00005
-210.00	80.00	0.00005	-210.00	70.00	0.00005
-210.00	60.00	0.00005	-210.00	50.00	0.00005
-210.00	40.00	0.00006	-210.00	30.00	0.00006
-210.00	25.00	0.00006	-210.00	20.00	0.00006
-210.00	17.00	0.00007	-210.00	15.00	0.00007
-210.00	13.00	0.00007	-210.00	11.00	0.00007
-210.00	9.00	0.00007	-210.00	-9.00	0.00008
-210.00	-11.00	0.00008	-210.00	-13.00	0.00008
-210.00	-15.00	0.00008	-210.00	-17.00	0.00008
-210.00	-20.00	0.00008	-210.00	-25.00	0.00009
-210.00	-30.00	0.00009	-210.00	-40.00	0.00009
-210.00	-50.00	0.00010	-210.00	-60.00	0.00010
-210.00	-70.00	0.00010	-210.00	-80.00	0.00010
-210.00	-90.00	0.00011	-210.00	-100.00	0.00011
-200.00	100.00	0.00005	-200.00	90.00	0.00005
-200.00	80.00	0.00005	-200.00	70.00	0.00005
-200.00	60.00	0.00005	-200.00	50.00	0.00006
-200.00	40.00	0.00006	-200.00	30.00	0.00006
-200.00	25.00	0.00006	-200.00	20.00	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTS:
 PAGE 25
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00007	-200.00	15.00	0.00007
-200.00	13.00	0.00007	-200.00	11.00	0.00007
-200.00	9.00	0.00007	-200.00	-9.00	0.00008
-200.00	-11.00	0.00008	-200.00	-13.00	0.00008
-200.00	-15.00	0.00009	-200.00	-17.00	0.00009

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-200.00	-20.00	0.00009	-200.00	-25.00	0.00009
-200.00	-30.00	0.00009	-200.00	-40.00	0.00010
-200.00	-50.00	0.00010	-200.00	-60.00	0.00011
-200.00	-70.00	0.00011	-200.00	-80.00	0.00011
-200.00	-90.00	0.00011	-200.00	-100.00	0.00012
-190.00	100.00	0.00005	-190.00	90.00	0.00005
-190.00	80.00	0.00005	-190.00	70.00	0.00006
-190.00	60.00	0.00006	-190.00	50.00	0.00006
-190.00	40.00	0.00006	-190.00	30.00	0.00007
-190.00	25.00	0.00007	-190.00	20.00	0.00007
-190.00	17.00	0.00007	-190.00	15.00	0.00007
-190.00	13.00	0.00007	-190.00	11.00	0.00007
-190.00	9.00	0.00008	-190.00	-9.00	0.00009
-190.00	-11.00	0.00009	-190.00	-13.00	0.00009
-190.00	-15.00	0.00009	-190.00	-17.00	0.00009
-190.00	-20.00	0.00009	-190.00	-25.00	0.00010
-190.00	-30.00	0.00010	-190.00	-40.00	0.00010
-190.00	-50.00	0.00011	-190.00	-60.00	0.00011
-190.00	-70.00	0.00011	-190.00	-80.00	0.00012
-190.00	-90.00	0.00012	-190.00	-100.00	0.00012
-180.00	100.00	0.00005	-180.00	90.00	0.00005
-180.00	80.00	0.00006	-180.00	70.00	0.00006
-180.00	60.00	0.00006	-180.00	50.00	0.00006
-180.00	40.00	0.00007	-180.00	30.00	0.00007
-180.00	25.00	0.00007	-180.00	20.00	0.00007
-180.00	17.00	0.00007	-180.00	15.00	0.00008
-180.00	13.00	0.00008	-180.00	11.00	0.00008
-180.00	9.00	0.00008	-180.00	-9.00	0.00009
-180.00	-11.00	0.00009	-180.00	-13.00	0.00009
-180.00	-15.00	0.00009	-180.00	-17.00	0.00010
-180.00	-20.00	0.00010	-180.00	-25.00	0.00010
-180.00	-30.00	0.00010	-180.00	-40.00	0.00011
-180.00	-50.00	0.00011	-180.00	-60.00	0.00012
-180.00	-70.00	0.00012	-180.00	-80.00	0.00012
-180.00	-90.00	0.00013	-180.00	-100.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 17:29:17
 **MODELOPTs:
 PAGE 26
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00006	-170.00	90.00	0.00006
-170.00	80.00	0.00006	-170.00	70.00	0.00006
-170.00	60.00	0.00006	-170.00	50.00	0.00007
-170.00	40.00	0.00007	-170.00	30.00	0.00007
-170.00	25.00	0.00007	-170.00	20.00	0.00008
-170.00	17.00	0.00008	-170.00	15.00	0.00008
-170.00	13.00	0.00008	-170.00	11.00	0.00008
-170.00	9.00	0.00008	-170.00	-9.00	0.00010
-170.00	-11.00	0.00010	-170.00	-13.00	0.00010
-170.00	-15.00	0.00010	-170.00	-17.00	0.00010
-170.00	-20.00	0.00010	-170.00	-25.00	0.00011
-170.00	-30.00	0.00011	-170.00	-40.00	0.00012
-170.00	-50.00	0.00012	-170.00	-60.00	0.00012
-170.00	-70.00	0.00013	-170.00	-80.00	0.00013
-170.00	-90.00	0.00013	-170.00	-100.00	0.00014
-160.00	100.00	0.00006	-160.00	90.00	0.00006
-160.00	80.00	0.00006	-160.00	70.00	0.00006
-160.00	60.00	0.00007	-160.00	50.00	0.00007
-160.00	40.00	0.00007	-160.00	30.00	0.00008
-160.00	25.00	0.00008	-160.00	20.00	0.00008
-160.00	17.00	0.00008	-160.00	15.00	0.00008
-160.00	13.00	0.00009	-160.00	11.00	0.00009
-160.00	9.00	0.00009	-160.00	-9.00	0.00010
-160.00	-11.00	0.00010	-160.00	-13.00	0.00010
-160.00	-15.00	0.00011	-160.00	-17.00	0.00011
-160.00	-20.00	0.00011	-160.00	-25.00	0.00011
-160.00	-30.00	0.00012	-160.00	-40.00	0.00012
-160.00	-50.00	0.00013	-160.00	-60.00	0.00013
-160.00	-70.00	0.00013	-160.00	-80.00	0.00014
-160.00	-90.00	0.00014	-160.00	-100.00	0.00015
-150.00	100.00	0.00006	-150.00	90.00	0.00006
-150.00	80.00	0.00006	-150.00	70.00	0.00007
-150.00	60.00	0.00007	-150.00	50.00	0.00007
-150.00	40.00	0.00008	-150.00	30.00	0.00008
-150.00	25.00	0.00008	-150.00	20.00	0.00009
-150.00	17.00	0.00009	-150.00	15.00	0.00009
-150.00	13.00	0.00009	-150.00	11.00	0.00009
-150.00	9.00	0.00009	-150.00	-9.00	0.00011
-150.00	-11.00	0.00011	-150.00	-13.00	0.00011
-150.00	-15.00	0.00011	-150.00	-17.00	0.00011

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:29:17
**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00012	-150.00	-25.00	0.00012
-150.00	-30.00	0.00012	-150.00	-40.00	0.00013
-150.00	-50.00	0.00013	-150.00	-60.00	0.00014
-150.00	-70.00	0.00014	-150.00	-80.00	0.00015
-150.00	-90.00	0.00015	-150.00	-100.00	0.00016
-140.00	100.00	0.00006	-140.00	90.00	0.00007
-140.00	80.00	0.00007	-140.00	70.00	0.00007
-140.00	60.00	0.00007	-140.00	50.00	0.00008
-140.00	40.00	0.00008	-140.00	30.00	0.00008
-140.00	25.00	0.00009	-140.00	20.00	0.00009
-140.00	17.00	0.00009	-140.00	15.00	0.00009
-140.00	13.00	0.00009	-140.00	11.00	0.00010
-140.00	9.00	0.00010	-140.00	-9.00	0.00011
-140.00	-11.00	0.00012	-140.00	-13.00	0.00012
-140.00	-15.00	0.00012	-140.00	-17.00	0.00012
-140.00	-20.00	0.00012	-140.00	-25.00	0.00013
-140.00	-30.00	0.00013	-140.00	-40.00	0.00014
-140.00	-50.00	0.00014	-140.00	-60.00	0.00015
-140.00	-70.00	0.00015	-140.00	-80.00	0.00016
-140.00	-90.00	0.00016	-140.00	-100.00	0.00017
-130.00	100.00	0.00007	-130.00	90.00	0.00007
-130.00	80.00	0.00007	-130.00	70.00	0.00007
-130.00	60.00	0.00008	-130.00	50.00	0.00008
-130.00	40.00	0.00008	-130.00	30.00	0.00009
-130.00	25.00	0.00009	-130.00	20.00	0.00009
-130.00	17.00	0.00010	-130.00	15.00	0.00010
-130.00	13.00	0.00010	-130.00	11.00	0.00010
-130.00	9.00	0.00010	-130.00	-9.00	0.00012
-130.00	-11.00	0.00012	-130.00	-13.00	0.00012
-130.00	-15.00	0.00013	-130.00	-17.00	0.00013
-130.00	-20.00	0.00013	-130.00	-25.00	0.00014
-130.00	-30.00	0.00014	-130.00	-40.00	0.00015
-130.00	-50.00	0.00015	-130.00	-60.00	0.00016
-130.00	-70.00	0.00016	-130.00	-80.00	0.00017
-130.00	-90.00	0.00017	-130.00	-100.00	0.00018
-120.00	100.00	0.00007	-120.00	90.00	0.00007
-120.00	80.00	0.00007	-120.00	70.00	0.00008

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-120.00	60.00	0.00008	-120.00	50.00	0.00008
-120.00	40.00	0.00009	-120.00	30.00	0.00009
-120.00	25.00	0.00010	-120.00	20.00	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00010	-120.00	15.00	0.00010
-120.00	13.00	0.00011	-120.00	11.00	0.00011
-120.00	9.00	0.00011	-120.00	-9.00	0.00013
-120.00	-11.00	0.00013	-120.00	-13.00	0.00013
-120.00	-15.00	0.00014	-120.00	-17.00	0.00014
-120.00	-20.00	0.00014	-120.00	-25.00	0.00015
-120.00	-30.00	0.00015	-120.00	-40.00	0.00016
-120.00	-50.00	0.00016	-120.00	-60.00	0.00017
-120.00	-70.00	0.00017	-120.00	-80.00	0.00018
-120.00	-90.00	0.00018	-120.00	-100.00	0.00019
-110.00	100.00	0.00007	-110.00	90.00	0.00008
-110.00	80.00	0.00008	-110.00	70.00	0.00008
-110.00	60.00	0.00009	-110.00	50.00	0.00009
-110.00	40.00	0.00009	-110.00	30.00	0.00010
-110.00	25.00	0.00010	-110.00	20.00	0.00011
-110.00	17.00	0.00011	-110.00	15.00	0.00011
-110.00	13.00	0.00011	-110.00	11.00	0.00011
-110.00	9.00	0.00012	-110.00	-9.00	0.00014
-110.00	-11.00	0.00014	-110.00	-13.00	0.00014
-110.00	-15.00	0.00014	-110.00	-17.00	0.00015
-110.00	-20.00	0.00015	-110.00	-25.00	0.00016
-110.00	-30.00	0.00016	-110.00	-40.00	0.00017
-110.00	-50.00	0.00017	-110.00	-60.00	0.00018
-110.00	-70.00	0.00019	-110.00	-80.00	0.00019
-110.00	-90.00	0.00020	-110.00	-100.00	0.00020
-100.00	100.00	0.00008	-100.00	90.00	0.00008
-100.00	80.00	0.00008	-100.00	70.00	0.00009
-100.00	60.00	0.00009	-100.00	50.00	0.00009
-100.00	40.00	0.00010	-100.00	30.00	0.00010
-100.00	25.00	0.00011	-100.00	20.00	0.00011
-100.00	17.00	0.00012	-100.00	15.00	0.00012

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-100.00	13.00	0.00012	-100.00	11.00	0.00012
-100.00	9.00	0.00012	-100.00	-9.00	0.00015
-100.00	-11.00	0.00015	-100.00	-13.00	0.00015
-100.00	-15.00	0.00015	-100.00	-17.00	0.00016
-100.00	-20.00	0.00016	-100.00	-25.00	0.00017
-100.00	-30.00	0.00017	-100.00	-40.00	0.00018
-100.00	-50.00	0.00019	-100.00	-60.00	0.00019
-100.00	-70.00	0.00020	-100.00	-80.00	0.00021
-100.00	-90.00	0.00021	-100.00	-100.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00008	-90.00	90.00	0.00008
-90.00	80.00	0.00009	-90.00	70.00	0.00009
-90.00	60.00	0.00010	-90.00	50.00	0.00010
-90.00	40.00	0.00010	-90.00	30.00	0.00011
-90.00	25.00	0.00011	-90.00	20.00	0.00012
-90.00	17.00	0.00012	-90.00	15.00	0.00012
-90.00	13.00	0.00013	-90.00	11.00	0.00013
-90.00	9.00	0.00013	-90.00	-9.00	0.00016
-90.00	-11.00	0.00016	-90.00	-13.00	0.00016
-90.00	-15.00	0.00017	-90.00	-17.00	0.00017
-90.00	-20.00	0.00017	-90.00	-25.00	0.00018
-90.00	-30.00	0.00018	-90.00	-40.00	0.00019
-90.00	-50.00	0.00020	-90.00	-60.00	0.00021
-90.00	-70.00	0.00022	-90.00	-80.00	0.00022
-90.00	-90.00	0.00023	-90.00	-100.00	0.00024
-80.00	100.00	0.00008	-80.00	90.00	0.00009
-80.00	80.00	0.00009	-80.00	70.00	0.00010
-80.00	60.00	0.00010	-80.00	50.00	0.00011
-80.00	40.00	0.00011	-80.00	30.00	0.00012
-80.00	25.00	0.00012	-80.00	20.00	0.00013
-80.00	17.00	0.00013	-80.00	15.00	0.00013
-80.00	13.00	0.00014	-80.00	11.00	0.00014
-80.00	9.00	0.00014	-80.00	-9.00	0.00017
-80.00	-11.00	0.00017	-80.00	-13.00	0.00018
-80.00	-15.00	0.00018	-80.00	-17.00	0.00018

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-80.00	-20.00	0.00019	-80.00	-25.00	0.00019
-80.00	-30.00	0.00020	-80.00	-40.00	0.00021
-80.00	-50.00	0.00022	-80.00	-60.00	0.00023
-80.00	-70.00	0.00023	-80.00	-80.00	0.00024
-80.00	-90.00	0.00025	-80.00	-100.00	0.00026
-70.00	100.00	0.00009	-70.00	90.00	0.00009
-70.00	80.00	0.00010	-70.00	70.00	0.00010
-70.00	60.00	0.00011	-70.00	50.00	0.00011
-70.00	40.00	0.00012	-70.00	30.00	0.00013
-70.00	25.00	0.00013	-70.00	20.00	0.00014
-70.00	17.00	0.00014	-70.00	15.00	0.00014
-70.00	13.00	0.00015	-70.00	11.00	0.00015
-70.00	9.00	0.00015	-70.00	-9.00	0.00018
-70.00	-11.00	0.00019	-70.00	-13.00	0.00019
-70.00	-15.00	0.00019	-70.00	-17.00	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00020	-70.00	-25.00	0.00021
-70.00	-30.00	0.00022	-70.00	-40.00	0.00023
-70.00	-50.00	0.00024	-70.00	-60.00	0.00025
-70.00	-70.00	0.00025	-70.00	-80.00	0.00026
-70.00	-90.00	0.00027	-70.00	-100.00	0.00028
-60.00	100.00	0.00010	-60.00	90.00	0.00010
-60.00	80.00	0.00010	-60.00	70.00	0.00011
-60.00	60.00	0.00011	-60.00	50.00	0.00012
-60.00	40.00	0.00013	-60.00	30.00	0.00013
-60.00	25.00	0.00014	-60.00	20.00	0.00015
-60.00	17.00	0.00015	-60.00	15.00	0.00015
-60.00	13.00	0.00016	-60.00	11.00	0.00016
-60.00	9.00	0.00016	-60.00	-9.00	0.00020
-60.00	-11.00	0.00020	-60.00	-13.00	0.00021
-60.00	-15.00	0.00021	-60.00	-17.00	0.00021
-60.00	-20.00	0.00022	-60.00	-25.00	0.00023
-60.00	-30.00	0.00023	-60.00	-40.00	0.00025
-60.00	-50.00	0.00026	-60.00	-60.00	0.00027
-60.00	-70.00	0.00028	-60.00	-80.00	0.00029

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-60.00	-90.00	0.00029	-60.00	-100.00	0.00030
-50.00	100.00	0.00010	-50.00	90.00	0.00011
-50.00	80.00	0.00011	-50.00	70.00	0.00012
-50.00	60.00	0.00012	-50.00	50.00	0.00013
-50.00	40.00	0.00014	-50.00	30.00	0.00014
-50.00	25.00	0.00015	-50.00	20.00	0.00016
-50.00	17.00	0.00016	-50.00	15.00	0.00016
-50.00	13.00	0.00017	-50.00	11.00	0.00017
-50.00	9.00	0.00018	-50.00	-9.00	0.00022
-50.00	-11.00	0.00022	-50.00	-13.00	0.00022
-50.00	-15.00	0.00023	-50.00	-17.00	0.00023
-50.00	-20.00	0.00024	-50.00	-25.00	0.00025
-50.00	-30.00	0.00026	-50.00	-40.00	0.00027
-50.00	-50.00	0.00028	-50.00	-60.00	0.00029
-50.00	-70.00	0.00030	-50.00	-80.00	0.00031
-50.00	-90.00	0.00032	-50.00	-100.00	0.00032
-40.00	100.00	0.00011	-40.00	90.00	0.00011
-40.00	80.00	0.00012	-40.00	70.00	0.00012
-40.00	60.00	0.00013	-40.00	50.00	0.00014
-40.00	40.00	0.00015	-40.00	30.00	0.00016
-40.00	25.00	0.00016	-40.00	20.00	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:

PAGE 31

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00017	-40.00	15.00	0.00018
-40.00	13.00	0.00018	-40.00	11.00	0.00018
-40.00	9.00	0.00019	-40.00	-9.00	0.00023
-40.00	-11.00	0.00024	-40.00	-13.00	0.00024
-40.00	-15.00	0.00025	-40.00	-17.00	0.00025
-40.00	-20.00	0.00026	-40.00	-25.00	0.00027
-40.00	-30.00	0.00028	-40.00	-40.00	0.00029
-40.00	-50.00	0.00031	-40.00	-60.00	0.00032
-40.00	-70.00	0.00033	-40.00	-80.00	0.00034
-40.00	-90.00	0.00035	-40.00	-100.00	0.00035
-30.00	100.00	0.00012	-30.00	90.00	0.00012
-30.00	80.00	0.00013	-30.00	70.00	0.00013
-30.00	60.00	0.00014	-30.00	50.00	0.00015

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-30.00	40.00	0.00016	-30.00	30.00	0.00017
-30.00	25.00	0.00017	-30.00	20.00	0.00018
-30.00	17.00	0.00019	-30.00	15.00	0.00019
-30.00	13.00	0.00020	-30.00	11.00	0.00020
-30.00	9.00	0.00021	-30.00	-9.00	0.00026
-30.00	-11.00	0.00026	-30.00	-13.00	0.00027
-30.00	-15.00	0.00027	-30.00	-17.00	0.00028
-30.00	-20.00	0.00029	-30.00	-25.00	0.00030
-30.00	-30.00	0.00031	-30.00	-40.00	0.00032
-30.00	-50.00	0.00034	-30.00	-60.00	0.00035
-30.00	-70.00	0.00037	-30.00	-80.00	0.00038
-30.00	-90.00	0.00038	-30.00	-100.00	0.00038
-20.00	100.00	0.00012	-20.00	90.00	0.00013
-20.00	80.00	0.00014	-20.00	70.00	0.00014
-20.00	60.00	0.00015	-20.00	50.00	0.00016
-20.00	40.00	0.00017	-20.00	30.00	0.00018
-20.00	25.00	0.00019	-20.00	20.00	0.00020
-20.00	17.00	0.00020	-20.00	15.00	0.00021
-20.00	13.00	0.00021	-20.00	11.00	0.00022
-20.00	9.00	0.00022	-20.00	-9.00	0.00028
-20.00	-11.00	0.00029	-20.00	-13.00	0.00030
-20.00	-15.00	0.00030	-20.00	-17.00	0.00031
-20.00	-20.00	0.00032	-20.00	-25.00	0.00033
-20.00	-30.00	0.00034	-20.00	-40.00	0.00036
-20.00	-50.00	0.00038	-20.00	-60.00	0.00039
-20.00	-70.00	0.00041	-20.00	-80.00	0.00042
-20.00	-90.00	0.00042	-20.00	-100.00	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTs:
 PAGE 32

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00014	-10.00	90.00	0.00014
-10.00	80.00	0.00015	-10.00	70.00	0.00015
-10.00	60.00	0.00016	-10.00	50.00	0.00017
-10.00	40.00	0.00019	-10.00	30.00	0.00020
-10.00	25.00	0.00021	-10.00	20.00	0.00021
-10.00	17.00	0.00022	-10.00	15.00	0.00023
-10.00	13.00	0.00023	-10.00	11.00	0.00024

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-10.00	9.00	0.00024	-10.00	-9.00	0.00031
-10.00	-11.00	0.00032	-10.00	-13.00	0.00033
-10.00	-15.00	0.00034	-10.00	-17.00	0.00034
-10.00	-20.00	0.00035	-10.00	-25.00	0.00037
-10.00	-30.00	0.00038	-10.00	-40.00	0.00040
-10.00	-50.00	0.00042	-10.00	-60.00	0.00044
-10.00	-70.00	0.00045	-10.00	-80.00	0.00046
-10.00	-90.00	0.00046	-10.00	-100.00	0.00045
0.00	100.00	0.00015	0.00	90.00	0.00015
0.00	80.00	0.00016	0.00	70.00	0.00017
0.00	60.00	0.00018	0.00	50.00	0.00019
0.00	40.00	0.00020	0.00	30.00	0.00022
0.00	25.00	0.00022	0.00	20.00	0.00023
0.00	17.00	0.00024	0.00	15.00	0.00025
0.00	13.00	0.00025	0.00	11.00	0.00026
0.00	9.00	0.00027	0.00	-9.00	0.00035
0.00	-11.00	0.00036	0.00	-13.00	0.00037
0.00	-15.00	0.00037	0.00	-17.00	0.00038
0.00	-20.00	0.00039	0.00	-25.00	0.00041
0.00	-30.00	0.00042	0.00	-40.00	0.00045
0.00	-50.00	0.00047	0.00	-60.00	0.00049
0.00	-70.00	0.00050	0.00	-80.00	0.00051
0.00	-90.00	0.00050	0.00	-100.00	0.00049
10.00	100.00	0.00016	10.00	90.00	0.00017
10.00	80.00	0.00017	10.00	70.00	0.00018
10.00	60.00	0.00019	10.00	50.00	0.00021
10.00	40.00	0.00022	10.00	30.00	0.00024
10.00	25.00	0.00025	10.00	20.00	0.00026
10.00	17.00	0.00027	10.00	15.00	0.00027
10.00	13.00	0.00028	10.00	11.00	0.00029
10.00	9.00	0.00030	10.00	-9.00	0.00039
10.00	-11.00	0.00040	10.00	-13.00	0.00041
10.00	-15.00	0.00042	10.00	-17.00	0.00043

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTs:
 PAGE 33
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00044	10.00	-25.00	0.00046

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

10.00	-30.00	0.00047	10.00	-40.00	0.00050
10.00	-50.00	0.00053	10.00	-60.00	0.00055
10.00	-70.00	0.00056	10.00	-80.00	0.00056
10.00	-90.00	0.00055	10.00	-100.00	0.00054
20.00	100.00	0.00018	20.00	90.00	0.00018
20.00	80.00	0.00019	20.00	70.00	0.00020
20.00	60.00	0.00021	20.00	50.00	0.00022
20.00	40.00	0.00024	20.00	30.00	0.00026
20.00	25.00	0.00027	20.00	20.00	0.00028
20.00	17.00	0.00029	20.00	15.00	0.00030
20.00	13.00	0.00031	20.00	11.00	0.00032
20.00	9.00	0.00033	20.00	-9.00	0.00044
20.00	-11.00	0.00045	20.00	-13.00	0.00046
20.00	-15.00	0.00047	20.00	-17.00	0.00048
20.00	-20.00	0.00050	20.00	-25.00	0.00052
20.00	-30.00	0.00054	20.00	-40.00	0.00057
20.00	-50.00	0.00060	20.00	-60.00	0.00062
20.00	-70.00	0.00063	20.00	-80.00	0.00062
20.00	-90.00	0.00061	20.00	-100.00	0.00058
30.00	100.00	0.00020	30.00	90.00	0.00020
30.00	80.00	0.00021	30.00	70.00	0.00022
30.00	60.00	0.00023	30.00	50.00	0.00025
30.00	40.00	0.00027	30.00	30.00	0.00029
30.00	25.00	0.00030	30.00	20.00	0.00032
30.00	17.00	0.00033	30.00	15.00	0.00034
30.00	13.00	0.00034	30.00	11.00	0.00035
30.00	9.00	0.00037	30.00	-9.00	0.00050
30.00	-11.00	0.00051	30.00	-13.00	0.00053
30.00	-15.00	0.00054	30.00	-17.00	0.00055
30.00	-20.00	0.00057	30.00	-25.00	0.00059
30.00	-30.00	0.00061	30.00	-40.00	0.00066
30.00	-50.00	0.00069	30.00	-60.00	0.00071
30.00	-70.00	0.00071	30.00	-80.00	0.00069
30.00	-90.00	0.00067	30.00	-100.00	0.00064
40.00	100.00	0.00022	40.00	90.00	0.00023
40.00	80.00	0.00023	40.00	70.00	0.00024
40.00	60.00	0.00026	40.00	50.00	0.00027
40.00	40.00	0.00030	40.00	30.00	0.00032
40.00	25.00	0.00034	40.00	20.00	0.00035

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:29:17

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00037	40.00	15.00	0.00038
40.00	13.00	0.00039	40.00	11.00	0.00040
40.00	9.00	0.00041	40.00	-9.00	0.00057
40.00	-11.00	0.00059	40.00	-13.00	0.00061
40.00	-15.00	0.00062	40.00	-17.00	0.00063
40.00	-20.00	0.00065	40.00	-25.00	0.00068
40.00	-30.00	0.00071	40.00	-40.00	0.00076
40.00	-50.00	0.00079	40.00	-60.00	0.00080
40.00	-70.00	0.00079	40.00	-80.00	0.00077
40.00	-90.00	0.00073	40.00	-100.00	0.00070
50.00	100.00	0.00025	50.00	90.00	0.00026
50.00	80.00	0.00027	50.00	70.00	0.00027
50.00	60.00	0.00029	50.00	50.00	0.00030
50.00	40.00	0.00033	50.00	30.00	0.00036
50.00	25.00	0.00038	50.00	20.00	0.00040
50.00	17.00	0.00041	50.00	15.00	0.00042
50.00	13.00	0.00043	50.00	11.00	0.00045
50.00	9.00	0.00046	50.00	-9.00	0.00066
50.00	-11.00	0.00068	50.00	-13.00	0.00070
50.00	-15.00	0.00072	50.00	-17.00	0.00074
50.00	-20.00	0.00076	50.00	-25.00	0.00079
50.00	-30.00	0.00083	50.00	-40.00	0.00088
50.00	-50.00	0.00092	50.00	-60.00	0.00092
50.00	-70.00	0.00089	50.00	-80.00	0.00085
50.00	-90.00	0.00081	50.00	-100.00	0.00076
60.00	100.00	0.00029	60.00	90.00	0.00030
60.00	80.00	0.00030	60.00	70.00	0.00031
60.00	60.00	0.00032	60.00	50.00	0.00034
60.00	40.00	0.00037	60.00	30.00	0.00041
60.00	25.00	0.00043	60.00	20.00	0.00045
60.00	17.00	0.00047	60.00	15.00	0.00048
60.00	13.00	0.00049	60.00	11.00	0.00051
60.00	9.00	0.00053	60.00	-9.00	0.00077
60.00	-11.00	0.00080	60.00	-13.00	0.00082
60.00	-15.00	0.00084	60.00	-17.00	0.00086
60.00	-20.00	0.00089	60.00	-25.00	0.00094
60.00	-30.00	0.00098	60.00	-40.00	0.00104
60.00	-50.00	0.00106	60.00	-60.00	0.00104
60.00	-70.00	0.00100	60.00	-80.00	0.00095

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

60.00 -90.00 0.00090 60.00 -100.00 0.00084

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00034	70.00	90.00	0.00034
70.00	80.00	0.00035	70.00	70.00	0.00036
70.00	60.00	0.00037	70.00	50.00	0.00039
70.00	40.00	0.00042	70.00	30.00	0.00046
70.00	25.00	0.00048	70.00	20.00	0.00051
70.00	17.00	0.00053	70.00	15.00	0.00055
70.00	13.00	0.00056	70.00	11.00	0.00058
70.00	9.00	0.00061	70.00	-9.00	0.00092
70.00	-11.00	0.00095	70.00	-13.00	0.00098
70.00	-15.00	0.00100	70.00	-17.00	0.00103
70.00	-20.00	0.00106	70.00	-25.00	0.00112
70.00	-30.00	0.00117	70.00	-40.00	0.00123
70.00	-50.00	0.00123	70.00	-60.00	0.00119
70.00	-70.00	0.00113	70.00	-80.00	0.00106
70.00	-90.00	0.00099	70.00	-100.00	0.00092
80.00	100.00	0.00040	80.00	90.00	0.00041
80.00	80.00	0.00042	80.00	70.00	0.00043
80.00	60.00	0.00044	80.00	50.00	0.00045
80.00	40.00	0.00048	80.00	30.00	0.00052
80.00	25.00	0.00055	80.00	20.00	0.00059
80.00	17.00	0.00061	80.00	15.00	0.00063
80.00	13.00	0.00065	80.00	11.00	0.00067
80.00	9.00	0.00070	80.00	-9.00	0.00110
80.00	-11.00	0.00114	80.00	-13.00	0.00118
80.00	-15.00	0.00121	80.00	-17.00	0.00124
80.00	-20.00	0.00129	80.00	-25.00	0.00136
80.00	-30.00	0.00141	80.00	-40.00	0.00146
80.00	-50.00	0.00143	80.00	-60.00	0.00136
80.00	-70.00	0.00128	80.00	-80.00	0.00119
80.00	-90.00	0.00110	80.00	-100.00	0.00102
90.00	100.00	0.00049	90.00	90.00	0.00050
90.00	80.00	0.00051	90.00	70.00	0.00052
90.00	60.00	0.00053	90.00	50.00	0.00054

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

90.00	40.00	0.00057	90.00	30.00	0.00061
90.00	25.00	0.00064	90.00	20.00	0.00068
90.00	17.00	0.00071	90.00	15.00	0.00073
90.00	13.00	0.00075	90.00	11.00	0.00078
90.00	9.00	0.00081	90.00	-9.00	0.00134
90.00	-11.00	0.00139	90.00	-13.00	0.00144
90.00	-15.00	0.00148	90.00	-17.00	0.00153

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00159	90.00	-25.00	0.00167
90.00	-30.00	0.00172	90.00	-40.00	0.00173
90.00	-50.00	0.00166	90.00	-60.00	0.00156
90.00	-70.00	0.00144	90.00	-80.00	0.00133
90.00	-90.00	0.00122	90.00	-100.00	0.00112
100.00	100.00	0.00062	100.00	90.00	0.00063
100.00	80.00	0.00064	100.00	70.00	0.00065
100.00	60.00	0.00066	100.00	50.00	0.00067
100.00	40.00	0.00069	100.00	30.00	0.00072
100.00	25.00	0.00075	100.00	20.00	0.00079
100.00	17.00	0.00083	100.00	15.00	0.00085
100.00	13.00	0.00088	100.00	11.00	0.00092
100.00	9.00	0.00096	100.00	-9.00	0.00166
100.00	-11.00	0.00173	100.00	-13.00	0.00180
100.00	-15.00	0.00186	100.00	-17.00	0.00192
100.00	-20.00	0.00199	100.00	-25.00	0.00206
100.00	-30.00	0.00209	100.00	-40.00	0.00205
100.00	-50.00	0.00194	100.00	-60.00	0.00179
100.00	-70.00	0.00164	100.00	-80.00	0.00149
100.00	-90.00	0.00136	100.00	-100.00	0.00123
110.00	100.00	0.00080	110.00	90.00	0.00083
110.00	80.00	0.00085	110.00	70.00	0.00088
110.00	60.00	0.00089	110.00	50.00	0.00089
110.00	40.00	0.00089	110.00	30.00	0.00089
110.00	25.00	0.00091	110.00	20.00	0.00095
110.00	17.00	0.00098	110.00	15.00	0.00100
110.00	13.00	0.00104	110.00	11.00	0.00108

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

110.00	9.00	0.00113	110.00	-9.00	0.00211
110.00	-11.00	0.00221	110.00	-13.00	0.00230
110.00	-15.00	0.00237	110.00	-17.00	0.00243
110.00	-20.00	0.00250	110.00	-25.00	0.00255
110.00	-30.00	0.00254	110.00	-40.00	0.00244
110.00	-50.00	0.00226	110.00	-60.00	0.00206
110.00	-70.00	0.00186	110.00	-80.00	0.00167
110.00	-90.00	0.00149	110.00	-100.00	0.00134
120.00	100.00	0.00103	120.00	90.00	0.00109
120.00	80.00	0.00116	120.00	70.00	0.00122
120.00	60.00	0.00127	120.00	50.00	0.00130
120.00	40.00	0.00130	120.00	30.00	0.00125
120.00	25.00	0.00123	120.00	20.00	0.00121

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00122	120.00	15.00	0.00124
120.00	13.00	0.00126	120.00	11.00	0.00130
120.00	9.00	0.00135	120.00	-9.00	0.00277
120.00	-11.00	0.00290	120.00	-13.00	0.00299
120.00	-15.00	0.00306	120.00	-17.00	0.00310
120.00	-20.00	0.00314	120.00	-25.00	0.00315
120.00	-30.00	0.00310	120.00	-40.00	0.00290
120.00	-50.00	0.00263	120.00	-60.00	0.00234
120.00	-70.00	0.00207	120.00	-80.00	0.00182
120.00	-90.00	0.00161	120.00	-100.00	0.00143
130.00	100.00	0.00128	130.00	90.00	0.00140
130.00	80.00	0.00153	130.00	70.00	0.00167
130.00	60.00	0.00183	130.00	50.00	0.00198
130.00	40.00	0.00212	130.00	30.00	0.00219
130.00	25.00	0.00218	130.00	20.00	0.00212
130.00	17.00	0.00206	130.00	15.00	0.00200
130.00	13.00	0.00195	130.00	11.00	0.00191
130.00	9.00	0.00188	130.00	-9.00	0.00388
130.00	-11.00	0.00395	130.00	-13.00	0.00399
130.00	-15.00	0.00401	130.00	-17.00	0.00401
130.00	-20.00	0.00398	130.00	-25.00	0.00388

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

130.00	-30.00	0.00373	130.00	-40.00	0.00336
130.00	-50.00	0.00295	130.00	-60.00	0.00257
130.00	-70.00	0.00223	130.00	-80.00	0.00194
130.00	-90.00	0.00170	130.00	-100.00	0.00149
140.00	100.00	0.00151	140.00	90.00	0.00167
140.00	80.00	0.00187	140.00	70.00	0.00210
140.00	60.00	0.00237	140.00	50.00	0.00267
140.00	40.00	0.00302	140.00	30.00	0.00341
140.00	25.00	0.00362	140.00	20.00	0.00383
140.00	17.00	0.00396	140.00	15.00	0.00404
140.00	13.00	0.00413	140.00	11.00	0.00424
140.00	9.00	0.00438	140.00	-9.00	0.00508
140.00	-11.00	0.00498	140.00	-13.00	0.00490
140.00	-15.00	0.00482	140.00	-17.00	0.00474
140.00	-20.00	0.00462	140.00	-25.00	0.00440
140.00	-30.00	0.00416	140.00	-40.00	0.00365
140.00	-50.00	0.00315	140.00	-60.00	0.00270
140.00	-70.00	0.00233	140.00	-80.00	0.00201
140.00	-90.00	0.00174	140.00	-100.00	0.00152

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTs:
 PAGE 38

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00169	150.00	90.00	0.00190
150.00	80.00	0.00214	150.00	70.00	0.00243
150.00	60.00	0.00278	150.00	50.00	0.00319
150.00	40.00	0.00367	150.00	30.00	0.00422
150.00	25.00	0.00452	150.00	20.00	0.00482
150.00	17.00	0.00498	150.00	15.00	0.00508
150.00	13.00	0.00518	150.00	11.00	0.00526
150.00	9.00	0.00536	150.00	-9.00	0.00528
150.00	-11.00	0.00518	150.00	-13.00	0.00510
150.00	-15.00	0.00502	150.00	-17.00	0.00494
150.00	-20.00	0.00482	150.00	-25.00	0.00458
150.00	-30.00	0.00431	150.00	-40.00	0.00374
150.00	-50.00	0.00321	150.00	-60.00	0.00274
150.00	-70.00	0.00234	150.00	-80.00	0.00201
150.00	-90.00	0.00173	150.00	-100.00	0.00150

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

160.00	100.00	0.00183	160.00	90.00	0.00207
160.00	80.00	0.00235	160.00	70.00	0.00269
160.00	60.00	0.00309	160.00	50.00	0.00355
160.00	40.00	0.00410	160.00	30.00	0.00470
160.00	25.00	0.00502	160.00	20.00	0.00532
160.00	17.00	0.00547	160.00	15.00	0.00555
160.00	13.00	0.00562	160.00	11.00	0.00567
160.00	9.00	0.00573	160.00	-9.00	0.00530
160.00	-11.00	0.00519	160.00	-13.00	0.00509
160.00	-15.00	0.00501	160.00	-17.00	0.00492
160.00	-20.00	0.00479	160.00	-25.00	0.00454
160.00	-30.00	0.00427	160.00	-40.00	0.00370
160.00	-50.00	0.00317	160.00	-60.00	0.00270
160.00	-70.00	0.00230	160.00	-80.00	0.00196
160.00	-90.00	0.00169	160.00	-100.00	0.00146
170.00	100.00	0.00193	170.00	90.00	0.00219
170.00	80.00	0.00249	170.00	70.00	0.00286
170.00	60.00	0.00328	170.00	50.00	0.00379
170.00	40.00	0.00436	170.00	30.00	0.00498
170.00	25.00	0.00528	170.00	20.00	0.00556
170.00	17.00	0.00569	170.00	15.00	0.00576
170.00	13.00	0.00582	170.00	11.00	0.00585
170.00	9.00	0.00588	170.00	-9.00	0.00521
170.00	-11.00	0.00509	170.00	-13.00	0.00499
170.00	-15.00	0.00489	170.00	-17.00	0.00479

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00464	170.00	-25.00	0.00437
170.00	-30.00	0.00409	170.00	-40.00	0.00354
170.00	-50.00	0.00303	170.00	-60.00	0.00258
170.00	-70.00	0.00219	170.00	-80.00	0.00187
170.00	-90.00	0.00160	170.00	-100.00	0.00138
180.00	100.00	0.00196	180.00	90.00	0.00224
180.00	80.00	0.00256	180.00	70.00	0.00294
180.00	60.00	0.00339	180.00	50.00	0.00391
180.00	40.00	0.00450	180.00	30.00	0.00511

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

180.00	25.00	0.00540	180.00	20.00	0.00566
180.00	17.00	0.00578	180.00	15.00	0.00584
180.00	13.00	0.00588	180.00	11.00	0.00589
180.00	9.00	0.00591	180.00	-9.00	0.00503
180.00	-11.00	0.00489	180.00	-13.00	0.00477
180.00	-15.00	0.00466	180.00	-17.00	0.00455
180.00	-20.00	0.00439	180.00	-25.00	0.00410
180.00	-30.00	0.00382	180.00	-40.00	0.00329
180.00	-50.00	0.00281	180.00	-60.00	0.00239
180.00	-70.00	0.00203	180.00	-80.00	0.00173
180.00	-90.00	0.00148	180.00	-100.00	0.00127
190.00	100.00	0.00194	190.00	90.00	0.00222
190.00	80.00	0.00255	190.00	70.00	0.00294
190.00	60.00	0.00340	190.00	50.00	0.00393
190.00	40.00	0.00452	190.00	30.00	0.00513
190.00	25.00	0.00543	190.00	20.00	0.00567
190.00	17.00	0.00578	190.00	15.00	0.00583
190.00	13.00	0.00585	190.00	11.00	0.00585
190.00	9.00	0.00585	190.00	-9.00	0.00473
190.00	-11.00	0.00457	190.00	-13.00	0.00443
190.00	-15.00	0.00430	190.00	-17.00	0.00418
190.00	-20.00	0.00400	190.00	-25.00	0.00371
190.00	-30.00	0.00344	190.00	-40.00	0.00295
190.00	-50.00	0.00251	190.00	-60.00	0.00213
190.00	-70.00	0.00181	190.00	-80.00	0.00154
190.00	-90.00	0.00132	190.00	-100.00	0.00113
200.00	100.00	0.00184	200.00	90.00	0.00211
200.00	80.00	0.00243	200.00	70.00	0.00282
200.00	60.00	0.00328	200.00	50.00	0.00382
200.00	40.00	0.00442	200.00	30.00	0.00505
200.00	25.00	0.00534	200.00	20.00	0.00559

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:
 PAGE 40

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00570	200.00	15.00	0.00574
200.00	13.00	0.00575	200.00	11.00	0.00574
200.00	9.00	0.00572	200.00	-9.00	0.00427

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

200.00	-11.00	0.00408	200.00	-13.00	0.00392
200.00	-15.00	0.00377	200.00	-17.00	0.00364
200.00	-20.00	0.00346	200.00	-25.00	0.00320
200.00	-30.00	0.00296	200.00	-40.00	0.00252
200.00	-50.00	0.00213	200.00	-60.00	0.00180
200.00	-70.00	0.00153	200.00	-80.00	0.00131
200.00	-90.00	0.00113	200.00	-100.00	0.00099
210.00	100.00	0.00166	210.00	90.00	0.00190
210.00	80.00	0.00219	210.00	70.00	0.00254
210.00	60.00	0.00296	210.00	50.00	0.00347
210.00	40.00	0.00407	210.00	30.00	0.00474
210.00	25.00	0.00508	210.00	20.00	0.00537
210.00	17.00	0.00548	210.00	15.00	0.00553
210.00	13.00	0.00555	210.00	11.00	0.00555
210.00	9.00	0.00552	210.00	-9.00	0.00358
210.00	-11.00	0.00335	210.00	-13.00	0.00318
210.00	-15.00	0.00304	210.00	-17.00	0.00293
210.00	-20.00	0.00277	210.00	-25.00	0.00255
210.00	-30.00	0.00234	210.00	-40.00	0.00199
210.00	-50.00	0.00169	210.00	-60.00	0.00145
210.00	-70.00	0.00125	210.00	-80.00	0.00108
210.00	-90.00	0.00095	210.00	-100.00	0.00084
220.00	100.00	0.00145	220.00	90.00	0.00164
220.00	80.00	0.00187	220.00	70.00	0.00214
220.00	60.00	0.00245	220.00	50.00	0.00283
220.00	40.00	0.00328	220.00	30.00	0.00383
220.00	25.00	0.00414	220.00	20.00	0.00447
220.00	17.00	0.00465	220.00	15.00	0.00477
220.00	13.00	0.00487	220.00	11.00	0.00494
220.00	9.00	0.00499	220.00	-9.00	0.00242
220.00	-11.00	0.00224	220.00	-13.00	0.00211
220.00	-15.00	0.00202	220.00	-17.00	0.00194
220.00	-20.00	0.00185	220.00	-25.00	0.00173
220.00	-30.00	0.00162	220.00	-40.00	0.00143
220.00	-50.00	0.00126	220.00	-60.00	0.00111
220.00	-70.00	0.00098	220.00	-80.00	0.00087
220.00	-90.00	0.00078	220.00	-100.00	0.00070

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

09NCRA_NAPA00-300 DPM TRAV ANN E-W Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00125	230.00	90.00	0.00139
230.00	80.00	0.00155	230.00	70.00	0.00173
230.00	60.00	0.00193	230.00	50.00	0.00216
230.00	40.00	0.00239	230.00	30.00	0.00261
230.00	25.00	0.00270	230.00	20.00	0.00275
230.00	17.00	0.00274	230.00	15.00	0.00271
230.00	13.00	0.00266	230.00	11.00	0.00258
230.00	9.00	0.00247	230.00	-9.00	0.00111
230.00	-11.00	0.00111	230.00	-13.00	0.00111
230.00	-15.00	0.00111	230.00	-17.00	0.00111
230.00	-20.00	0.00110	230.00	-25.00	0.00109
230.00	-30.00	0.00107	230.00	-40.00	0.00100
230.00	-50.00	0.00093	230.00	-60.00	0.00085
230.00	-70.00	0.00077	230.00	-80.00	0.00070
230.00	-90.00	0.00063	230.00	-100.00	0.00058
240.00	100.00	0.00107	240.00	90.00	0.00117
240.00	80.00	0.00128	240.00	70.00	0.00140
240.00	60.00	0.00152	240.00	50.00	0.00164
240.00	40.00	0.00173	240.00	30.00	0.00178
240.00	25.00	0.00178	240.00	20.00	0.00173
240.00	17.00	0.00168	240.00	15.00	0.00163
240.00	13.00	0.00157	240.00	11.00	0.00151
240.00	9.00	0.00143	240.00	-9.00	0.00079
240.00	-11.00	0.00078	240.00	-13.00	0.00077
240.00	-15.00	0.00077	240.00	-17.00	0.00076
240.00	-20.00	0.00076	240.00	-25.00	0.00076
240.00	-30.00	0.00075	240.00	-40.00	0.00073
240.00	-50.00	0.00070	240.00	-60.00	0.00065
240.00	-70.00	0.00061	240.00	-80.00	0.00056
240.00	-90.00	0.00052	240.00	-100.00	0.00048
250.00	100.00	0.00091	250.00	90.00	0.00098
250.00	80.00	0.00105	250.00	70.00	0.00112
250.00	60.00	0.00119	250.00	50.00	0.00125
250.00	40.00	0.00128	250.00	30.00	0.00126
250.00	25.00	0.00123	250.00	20.00	0.00117
250.00	17.00	0.00113	250.00	15.00	0.00110
250.00	13.00	0.00106	250.00	11.00	0.00102
250.00	9.00	0.00098	250.00	-9.00	0.00061
250.00	-11.00	0.00060	250.00	-13.00	0.00060
250.00	-15.00	0.00060	250.00	-17.00	0.00059

04/20/08

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

*** Maximum train overlap at East/West Bound Direction

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00059	250.00	-25.00	0.00058
250.00	-30.00	0.00057	250.00	-40.00	0.00055
250.00	-50.00	0.00053	250.00	-60.00	0.00051
250.00	-70.00	0.00048	250.00	-80.00	0.00046
250.00	-90.00	0.00043	250.00	-100.00	0.00040

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00006	-250.00	90.00	0.00006
-250.00	80.00	0.00006	-250.00	70.00	0.00006
-250.00	60.00	0.00007	-250.00	50.00	0.00007
-250.00	40.00	0.00007	-250.00	30.00	0.00008
-250.00	25.00	0.00008	-250.00	20.00	0.00008
-250.00	17.00	0.00008	-250.00	15.00	0.00008
-250.00	13.00	0.00009	-250.00	11.00	0.00009
-250.00	9.00	0.00009	-250.00	-9.00	0.00010
-250.00	-11.00	0.00010	-250.00	-13.00	0.00010
-250.00	-15.00	0.00011	-250.00	-17.00	0.00011
-250.00	-20.00	0.00011	-250.00	-25.00	0.00011
-250.00	-30.00	0.00012	-250.00	-40.00	0.00012
-250.00	-50.00	0.00013	-250.00	-60.00	0.00013
-250.00	-70.00	0.00013	-250.00	-80.00	0.00014
-250.00	-90.00	0.00014	-250.00	-100.00	0.00015
-240.00	100.00	0.00006	-240.00	90.00	0.00006
-240.00	80.00	0.00006	-240.00	70.00	0.00007
-240.00	60.00	0.00007	-240.00	50.00	0.00007
-240.00	40.00	0.00008	-240.00	30.00	0.00008
-240.00	25.00	0.00008	-240.00	20.00	0.00009

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-240.00	17.00	0.00009	-240.00	15.00	0.00009
-240.00	13.00	0.00009	-240.00	11.00	0.00009
-240.00	9.00	0.00009	-240.00	-9.00	0.00011
-240.00	-11.00	0.00011	-240.00	-13.00	0.00011
-240.00	-15.00	0.00011	-240.00	-17.00	0.00011
-240.00	-20.00	0.00012	-240.00	-25.00	0.00012
-240.00	-30.00	0.00012	-240.00	-40.00	0.00013
-240.00	-50.00	0.00013	-240.00	-60.00	0.00014
-240.00	-70.00	0.00014	-240.00	-80.00	0.00015
-240.00	-90.00	0.00015	-240.00	-100.00	0.00016
-230.00	100.00	0.00006	-230.00	90.00	0.00007
-230.00	80.00	0.00007	-230.00	70.00	0.00007
-230.00	60.00	0.00007	-230.00	50.00	0.00008
-230.00	40.00	0.00008	-230.00	30.00	0.00008
-230.00	25.00	0.00009	-230.00	20.00	0.00009
-230.00	17.00	0.00009	-230.00	15.00	0.00009
-230.00	13.00	0.00009	-230.00	11.00	0.00010
-230.00	9.00	0.00010	-230.00	-9.00	0.00011
-230.00	-11.00	0.00012	-230.00	-13.00	0.00012
-230.00	-15.00	0.00012	-230.00	-17.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00012	-230.00	-25.00	0.00013
-230.00	-30.00	0.00013	-230.00	-40.00	0.00014
-230.00	-50.00	0.00014	-230.00	-60.00	0.00015
-230.00	-70.00	0.00015	-230.00	-80.00	0.00016
-230.00	-90.00	0.00016	-230.00	-100.00	0.00017
-220.00	100.00	0.00007	-220.00	90.00	0.00007
-220.00	80.00	0.00007	-220.00	70.00	0.00007
-220.00	60.00	0.00008	-220.00	50.00	0.00008
-220.00	40.00	0.00008	-220.00	30.00	0.00009
-220.00	25.00	0.00009	-220.00	20.00	0.00009
-220.00	17.00	0.00010	-220.00	15.00	0.00010
-220.00	13.00	0.00010	-220.00	11.00	0.00010
-220.00	9.00	0.00010	-220.00	-9.00	0.00012
-220.00	-11.00	0.00012	-220.00	-13.00	0.00012

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-220.00	-15.00	0.00013	-220.00	-17.00	0.00013
-220.00	-20.00	0.00013	-220.00	-25.00	0.00014
-220.00	-30.00	0.00014	-220.00	-40.00	0.00015
-220.00	-50.00	0.00015	-220.00	-60.00	0.00016
-220.00	-70.00	0.00016	-220.00	-80.00	0.00017
-220.00	-90.00	0.00017	-220.00	-100.00	0.00018
-210.00	100.00	0.00007	-210.00	90.00	0.00007
-210.00	80.00	0.00007	-210.00	70.00	0.00008
-210.00	60.00	0.00008	-210.00	50.00	0.00008
-210.00	40.00	0.00009	-210.00	30.00	0.00009
-210.00	25.00	0.00010	-210.00	20.00	0.00010
-210.00	17.00	0.00010	-210.00	15.00	0.00010
-210.00	13.00	0.00011	-210.00	11.00	0.00011
-210.00	9.00	0.00011	-210.00	-9.00	0.00013
-210.00	-11.00	0.00013	-210.00	-13.00	0.00013
-210.00	-15.00	0.00014	-210.00	-17.00	0.00014
-210.00	-20.00	0.00014	-210.00	-25.00	0.00015
-210.00	-30.00	0.00015	-210.00	-40.00	0.00016
-210.00	-50.00	0.00016	-210.00	-60.00	0.00017
-210.00	-70.00	0.00017	-210.00	-80.00	0.00018
-210.00	-90.00	0.00018	-210.00	-100.00	0.00019
-200.00	100.00	0.00007	-200.00	90.00	0.00008
-200.00	80.00	0.00008	-200.00	70.00	0.00008
-200.00	60.00	0.00009	-200.00	50.00	0.00009
-200.00	40.00	0.00009	-200.00	30.00	0.00010
-200.00	25.00	0.00010	-200.00	20.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 , ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00011	-200.00	15.00	0.00011
-200.00	13.00	0.00011	-200.00	11.00	0.00011
-200.00	9.00	0.00012	-200.00	-9.00	0.00014
-200.00	-11.00	0.00014	-200.00	-13.00	0.00014
-200.00	-15.00	0.00014	-200.00	-17.00	0.00015
-200.00	-20.00	0.00015	-200.00	-25.00	0.00016
-200.00	-30.00	0.00016	-200.00	-40.00	0.00017
-200.00	-50.00	0.00017	-200.00	-60.00	0.00018

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-200.00	-70.00	0.00019	-200.00	-80.00	0.00019
-200.00	-90.00	0.00020	-200.00	-100.00	0.00020
-190.00	100.00	0.00008	-190.00	90.00	0.00008
-190.00	80.00	0.00008	-190.00	70.00	0.00009
-190.00	60.00	0.00009	-190.00	50.00	0.00009
-190.00	40.00	0.00010	-190.00	30.00	0.00010
-190.00	25.00	0.00011	-190.00	20.00	0.00011
-190.00	17.00	0.00012	-190.00	15.00	0.00012
-190.00	13.00	0.00012	-190.00	11.00	0.00012
-190.00	9.00	0.00012	-190.00	-9.00	0.00015
-190.00	-11.00	0.00015	-190.00	-13.00	0.00015
-190.00	-15.00	0.00015	-190.00	-17.00	0.00016
-190.00	-20.00	0.00016	-190.00	-25.00	0.00017
-190.00	-30.00	0.00017	-190.00	-40.00	0.00018
-190.00	-50.00	0.00019	-190.00	-60.00	0.00019
-190.00	-70.00	0.00020	-190.00	-80.00	0.00021
-190.00	-90.00	0.00021	-190.00	-100.00	0.00022
-180.00	100.00	0.00008	-180.00	90.00	0.00008
-180.00	80.00	0.00009	-180.00	70.00	0.00009
-180.00	60.00	0.00010	-180.00	50.00	0.00010
-180.00	40.00	0.00010	-180.00	30.00	0.00011
-180.00	25.00	0.00011	-180.00	20.00	0.00012
-180.00	17.00	0.00012	-180.00	15.00	0.00012
-180.00	13.00	0.00013	-180.00	11.00	0.00013
-180.00	9.00	0.00013	-180.00	-9.00	0.00016
-180.00	-11.00	0.00016	-180.00	-13.00	0.00016
-180.00	-15.00	0.00017	-180.00	-17.00	0.00017
-180.00	-20.00	0.00017	-180.00	-25.00	0.00018
-180.00	-30.00	0.00018	-180.00	-40.00	0.00019
-180.00	-50.00	0.00020	-180.00	-60.00	0.00021
-180.00	-70.00	0.00022	-180.00	-80.00	0.00022
-180.00	-90.00	0.00023	-180.00	-100.00	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00008	-170.00	90.00	0.00009
-170.00	80.00	0.00009	-170.00	70.00	0.00010

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-170.00	60.00	0.00010	-170.00	50.00	0.00011
-170.00	40.00	0.00011	-170.00	30.00	0.00012
-170.00	25.00	0.00012	-170.00	20.00	0.00013
-170.00	17.00	0.00013	-170.00	15.00	0.00013
-170.00	13.00	0.00014	-170.00	11.00	0.00014
-170.00	9.00	0.00014	-170.00	-9.00	0.00017
-170.00	-11.00	0.00017	-170.00	-13.00	0.00018
-170.00	-15.00	0.00018	-170.00	-17.00	0.00018
-170.00	-20.00	0.00019	-170.00	-25.00	0.00019
-170.00	-30.00	0.00020	-170.00	-40.00	0.00021
-170.00	-50.00	0.00022	-170.00	-60.00	0.00023
-170.00	-70.00	0.00023	-170.00	-80.00	0.00024
-170.00	-90.00	0.00025	-170.00	-100.00	0.00026
-160.00	100.00	0.00009	-160.00	90.00	0.00009
-160.00	80.00	0.00010	-160.00	70.00	0.00010
-160.00	60.00	0.00011	-160.00	50.00	0.00011
-160.00	40.00	0.00012	-160.00	30.00	0.00013
-160.00	25.00	0.00013	-160.00	20.00	0.00014
-160.00	17.00	0.00014	-160.00	15.00	0.00014
-160.00	13.00	0.00015	-160.00	11.00	0.00015
-160.00	9.00	0.00015	-160.00	-9.00	0.00018
-160.00	-11.00	0.00019	-160.00	-13.00	0.00019
-160.00	-15.00	0.00019	-160.00	-17.00	0.00020
-160.00	-20.00	0.00020	-160.00	-25.00	0.00021
-160.00	-30.00	0.00022	-160.00	-40.00	0.00023
-160.00	-50.00	0.00024	-160.00	-60.00	0.00025
-160.00	-70.00	0.00025	-160.00	-80.00	0.00026
-160.00	-90.00	0.00027	-160.00	-100.00	0.00028
-150.00	100.00	0.00010	-150.00	90.00	0.00010
-150.00	80.00	0.00010	-150.00	70.00	0.00011
-150.00	60.00	0.00011	-150.00	50.00	0.00012
-150.00	40.00	0.00013	-150.00	30.00	0.00013
-150.00	25.00	0.00014	-150.00	20.00	0.00015
-150.00	17.00	0.00015	-150.00	15.00	0.00015
-150.00	13.00	0.00016	-150.00	11.00	0.00016
-150.00	9.00	0.00016	-150.00	-9.00	0.00020
-150.00	-11.00	0.00020	-150.00	-13.00	0.00021
-150.00	-15.00	0.00021	-150.00	-17.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***

09NCRA NAPA00-300_DPM_TRAV ANN E-W Bound
 INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00022	-150.00	-25.00	0.00023
-150.00	-30.00	0.00023	-150.00	-40.00	0.00025
-150.00	-50.00	0.00026	-150.00	-60.00	0.00027
-150.00	-70.00	0.00028	-150.00	-80.00	0.00029
-150.00	-90.00	0.00029	-150.00	-100.00	0.00030
-140.00	100.00	0.00010	-140.00	90.00	0.00011
-140.00	80.00	0.00011	-140.00	70.00	0.00012
-140.00	60.00	0.00012	-140.00	50.00	0.00013
-140.00	40.00	0.00014	-140.00	30.00	0.00014
-140.00	25.00	0.00015	-140.00	20.00	0.00016
-140.00	17.00	0.00016	-140.00	15.00	0.00016
-140.00	13.00	0.00017	-140.00	11.00	0.00017
-140.00	9.00	0.00018	-140.00	-9.00	0.00022
-140.00	-11.00	0.00022	-140.00	-13.00	0.00022
-140.00	-15.00	0.00023	-140.00	-17.00	0.00023
-140.00	-20.00	0.00024	-140.00	-25.00	0.00025
-140.00	-30.00	0.00026	-140.00	-40.00	0.00027
-140.00	-50.00	0.00028	-140.00	-60.00	0.00029
-140.00	-70.00	0.00030	-140.00	-80.00	0.00031
-140.00	-90.00	0.00032	-140.00	-100.00	0.00032
-130.00	100.00	0.00011	-130.00	90.00	0.00011
-130.00	80.00	0.00012	-130.00	70.00	0.00012
-130.00	60.00	0.00013	-130.00	50.00	0.00014
-130.00	40.00	0.00015	-130.00	30.00	0.00016
-130.00	25.00	0.00016	-130.00	20.00	0.00017
-130.00	17.00	0.00017	-130.00	15.00	0.00018
-130.00	13.00	0.00018	-130.00	11.00	0.00018
-130.00	9.00	0.00019	-130.00	-9.00	0.00023
-130.00	-11.00	0.00024	-130.00	-13.00	0.00024
-130.00	-15.00	0.00025	-130.00	-17.00	0.00025
-130.00	-20.00	0.00026	-130.00	-25.00	0.00027
-130.00	-30.00	0.00028	-130.00	-40.00	0.00029
-130.00	-50.00	0.00031	-130.00	-60.00	0.00032
-130.00	-70.00	0.00033	-130.00	-80.00	0.00034
-130.00	-90.00	0.00035	-130.00	-100.00	0.00035
-120.00	100.00	0.00012	-120.00	90.00	0.00012
-120.00	80.00	0.00013	-120.00	70.00	0.00013
-120.00	60.00	0.00014	-120.00	50.00	0.00015
-120.00	40.00	0.00016	-120.00	30.00	0.00017
-120.00	25.00	0.00017	-120.00	20.00	0.00018

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

17:29:17

**MODELOPTs:

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*** Maximum train overlap at East/West Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00019	-120.00	15.00	0.00019
-120.00	13.00	0.00020	-120.00	11.00	0.00020
-120.00	9.00	0.00021	-120.00	-9.00	0.00026
-120.00	-11.00	0.00026	-120.00	-13.00	0.00027
-120.00	-15.00	0.00027	-120.00	-17.00	0.00028
-120.00	-20.00	0.00029	-120.00	-25.00	0.00030
-120.00	-30.00	0.00031	-120.00	-40.00	0.00032
-120.00	-50.00	0.00034	-120.00	-60.00	0.00035
-120.00	-70.00	0.00037	-120.00	-80.00	0.00038
-120.00	-90.00	0.00038	-120.00	-100.00	0.00038
-110.00	100.00	0.00012	-110.00	90.00	0.00013
-110.00	80.00	0.00014	-110.00	70.00	0.00014
-110.00	60.00	0.00015	-110.00	50.00	0.00016
-110.00	40.00	0.00017	-110.00	30.00	0.00018
-110.00	25.00	0.00019	-110.00	20.00	0.00020
-110.00	17.00	0.00020	-110.00	15.00	0.00021
-110.00	13.00	0.00021	-110.00	11.00	0.00022
-110.00	9.00	0.00022	-110.00	-9.00	0.00028
-110.00	-11.00	0.00029	-110.00	-13.00	0.00030
-110.00	-15.00	0.00030	-110.00	-17.00	0.00031
-110.00	-20.00	0.00032	-110.00	-25.00	0.00033
-110.00	-30.00	0.00034	-110.00	-40.00	0.00036
-110.00	-50.00	0.00038	-110.00	-60.00	0.00039
-110.00	-70.00	0.00041	-110.00	-80.00	0.00042
-110.00	-90.00	0.00042	-110.00	-100.00	0.00042
-100.00	100.00	0.00014	-100.00	90.00	0.00014
-100.00	80.00	0.00015	-100.00	70.00	0.00015
-100.00	60.00	0.00016	-100.00	50.00	0.00017
-100.00	40.00	0.00019	-100.00	30.00	0.00020
-100.00	25.00	0.00021	-100.00	20.00	0.00021
-100.00	17.00	0.00022	-100.00	15.00	0.00023
-100.00	13.00	0.00023	-100.00	11.00	0.00024
-100.00	9.00	0.00024	-100.00	-9.00	0.00031
-100.00	-11.00	0.00032	-100.00	-13.00	0.00033

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-100.00	-15.00	0.00034	-100.00	-17.00	0.00034
-100.00	-20.00	0.00035	-100.00	-25.00	0.00037
-100.00	-30.00	0.00038	-100.00	-40.00	0.00040
-100.00	-50.00	0.00042	-100.00	-60.00	0.00044
-100.00	-70.00	0.00045	-100.00	-80.00	0.00046
-100.00	-90.00	0.00046	-100.00	-100.00	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00015	-90.00	90.00	0.00015
-90.00	80.00	0.00016	-90.00	70.00	0.00017
-90.00	60.00	0.00018	-90.00	50.00	0.00019
-90.00	40.00	0.00020	-90.00	30.00	0.00022
-90.00	25.00	0.00022	-90.00	20.00	0.00023
-90.00	17.00	0.00024	-90.00	15.00	0.00025
-90.00	13.00	0.00025	-90.00	11.00	0.00026
-90.00	9.00	0.00027	-90.00	-9.00	0.00035
-90.00	-11.00	0.00036	-90.00	-13.00	0.00037
-90.00	-15.00	0.00037	-90.00	-17.00	0.00038
-90.00	-20.00	0.00039	-90.00	-25.00	0.00041
-90.00	-30.00	0.00042	-90.00	-40.00	0.00045
-90.00	-50.00	0.00047	-90.00	-60.00	0.00049
-90.00	-70.00	0.00050	-90.00	-80.00	0.00051
-90.00	-90.00	0.00050	-90.00	-100.00	0.00049
-80.00	100.00	0.00016	-80.00	90.00	0.00017
-80.00	80.00	0.00017	-80.00	70.00	0.00018
-80.00	60.00	0.00019	-80.00	50.00	0.00021
-80.00	40.00	0.00022	-80.00	30.00	0.00024
-80.00	25.00	0.00025	-80.00	20.00	0.00026
-80.00	17.00	0.00027	-80.00	15.00	0.00027
-80.00	13.00	0.00028	-80.00	11.00	0.00029
-80.00	9.00	0.00030	-80.00	-9.00	0.00039
-80.00	-11.00	0.00040	-80.00	-13.00	0.00041
-80.00	-15.00	0.00042	-80.00	-17.00	0.00043
-80.00	-20.00	0.00044	-80.00	-25.00	0.00046
-80.00	-30.00	0.00047	-80.00	-40.00	0.00050
-80.00	-50.00	0.00053	-80.00	-60.00	0.00055

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-80.00	-70.00	0.00056	-80.00	-80.00	0.00056
-80.00	-90.00	0.00055	-80.00	-100.00	0.00054
-70.00	100.00	0.00018	-70.00	90.00	0.00018
-70.00	80.00	0.00019	-70.00	70.00	0.00020
-70.00	60.00	0.00021	-70.00	50.00	0.00022
-70.00	40.00	0.00024	-70.00	30.00	0.00026
-70.00	25.00	0.00027	-70.00	20.00	0.00028
-70.00	17.00	0.00029	-70.00	15.00	0.00030
-70.00	13.00	0.00031	-70.00	11.00	0.00032
-70.00	9.00	0.00033	-70.00	-9.00	0.00044
-70.00	-11.00	0.00045	-70.00	-13.00	0.00046
-70.00	-15.00	0.00047	-70.00	-17.00	0.00048

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00050	-70.00	-25.00	0.00052
-70.00	-30.00	0.00054	-70.00	-40.00	0.00057
-70.00	-50.00	0.00060	-70.00	-60.00	0.00062
-70.00	-70.00	0.00063	-70.00	-80.00	0.00062
-70.00	-90.00	0.00061	-70.00	-100.00	0.00058
-60.00	100.00	0.00020	-60.00	90.00	0.00020
-60.00	80.00	0.00021	-60.00	70.00	0.00022
-60.00	60.00	0.00023	-60.00	50.00	0.00025
-60.00	40.00	0.00027	-60.00	30.00	0.00029
-60.00	25.00	0.00030	-60.00	20.00	0.00032
-60.00	17.00	0.00033	-60.00	15.00	0.00034
-60.00	13.00	0.00034	-60.00	11.00	0.00035
-60.00	9.00	0.00037	-60.00	-9.00	0.00050
-60.00	-11.00	0.00051	-60.00	-13.00	0.00053
-60.00	-15.00	0.00054	-60.00	-17.00	0.00055
-60.00	-20.00	0.00057	-60.00	-25.00	0.00059
-60.00	-30.00	0.00061	-60.00	-40.00	0.00066
-60.00	-50.00	0.00069	-60.00	-60.00	0.00071
-60.00	-70.00	0.00071	-60.00	-80.00	0.00069
-60.00	-90.00	0.00067	-60.00	-100.00	0.00064
-50.00	100.00	0.00022	-50.00	90.00	0.00023
-50.00	80.00	0.00023	-50.00	70.00	0.00024

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-50.00	60.00	0.00026	-50.00	50.00	0.00027
-50.00	40.00	0.00030	-50.00	30.00	0.00032
-50.00	25.00	0.00034	-50.00	20.00	0.00035
-50.00	17.00	0.00037	-50.00	15.00	0.00038
-50.00	13.00	0.00039	-50.00	11.00	0.00040
-50.00	9.00	0.00041	-50.00	-9.00	0.00057
-50.00	-11.00	0.00059	-50.00	-13.00	0.00061
-50.00	-15.00	0.00062	-50.00	-17.00	0.00063
-50.00	-20.00	0.00065	-50.00	-25.00	0.00068
-50.00	-30.00	0.00071	-50.00	-40.00	0.00076
-50.00	-50.00	0.00079	-50.00	-60.00	0.00080
-50.00	-70.00	0.00079	-50.00	-80.00	0.00077
-50.00	-90.00	0.00073	-50.00	-100.00	0.00070
-40.00	100.00	0.00025	-40.00	90.00	0.00026
-40.00	80.00	0.00027	-40.00	70.00	0.00027
-40.00	60.00	0.00029	-40.00	50.00	0.00030
-40.00	40.00	0.00033	-40.00	30.00	0.00036
-40.00	25.00	0.00038	-40.00	20.00	0.00040

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00041	-40.00	15.00	0.00042
-40.00	13.00	0.00043	-40.00	11.00	0.00045
-40.00	9.00	0.00046	-40.00	-9.00	0.00066
-40.00	-11.00	0.00068	-40.00	-13.00	0.00070
-40.00	-15.00	0.00072	-40.00	-17.00	0.00074
-40.00	-20.00	0.00076	-40.00	-25.00	0.00079
-40.00	-30.00	0.00083	-40.00	-40.00	0.00088
-40.00	-50.00	0.00092	-40.00	-60.00	0.00092
-40.00	-70.00	0.00089	-40.00	-80.00	0.00085
-40.00	-90.00	0.00081	-40.00	-100.00	0.00076
-30.00	100.00	0.00029	-30.00	90.00	0.00030
-30.00	80.00	0.00030	-30.00	70.00	0.00031
-30.00	60.00	0.00032	-30.00	50.00	0.00034
-30.00	40.00	0.00037	-30.00	30.00	0.00041
-30.00	25.00	0.00043	-30.00	20.00	0.00045
-30.00	17.00	0.00047	-30.00	15.00	0.00048

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-30.00	13.00	0.00049	-30.00	11.00	0.00051
-30.00	9.00	0.00053	-30.00	-9.00	0.00077
-30.00	-11.00	0.00080	-30.00	-13.00	0.00082
-30.00	-15.00	0.00084	-30.00	-17.00	0.00086
-30.00	-20.00	0.00089	-30.00	-25.00	0.00094
-30.00	-30.00	0.00098	-30.00	-40.00	0.00104
-30.00	-50.00	0.00106	-30.00	-60.00	0.00104
-30.00	-70.00	0.00100	-30.00	-80.00	0.00095
-30.00	-90.00	0.00090	-30.00	-100.00	0.00084
-20.00	100.00	0.00034	-20.00	90.00	0.00034
-20.00	80.00	0.00035	-20.00	70.00	0.00036
-20.00	60.00	0.00037	-20.00	50.00	0.00039
-20.00	40.00	0.00042	-20.00	30.00	0.00046
-20.00	25.00	0.00048	-20.00	20.00	0.00051
-20.00	17.00	0.00053	-20.00	15.00	0.00055
-20.00	13.00	0.00056	-20.00	11.00	0.00058
-20.00	9.00	0.00061	-20.00	-9.00	0.00092
-20.00	-11.00	0.00095	-20.00	-13.00	0.00098
-20.00	-15.00	0.00100	-20.00	-17.00	0.00103
-20.00	-20.00	0.00106	-20.00	-25.00	0.00112
-20.00	-30.00	0.00117	-20.00	-40.00	0.00123
-20.00	-50.00	0.00123	-20.00	-60.00	0.00119
-20.00	-70.00	0.00113	-20.00	-80.00	0.00106
-20.00	-90.00	0.00099	-20.00	-100.00	0.00092

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00040	-10.00	90.00	0.00041
-10.00	80.00	0.00042	-10.00	70.00	0.00043
-10.00	60.00	0.00044	-10.00	50.00	0.00045
-10.00	40.00	0.00048	-10.00	30.00	0.00052
-10.00	25.00	0.00055	-10.00	20.00	0.00059
-10.00	17.00	0.00061	-10.00	15.00	0.00063
-10.00	13.00	0.00065	-10.00	11.00	0.00067
-10.00	9.00	0.00070	-10.00	-9.00	0.00110
-10.00	-11.00	0.00114	-10.00	-13.00	0.00118
-10.00	-15.00	0.00121	-10.00	-17.00	0.00124

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-10.00	-20.00	0.00129	-10.00	-25.00	0.00136
-10.00	-30.00	0.00141	-10.00	-40.00	0.00146
-10.00	-50.00	0.00143	-10.00	-60.00	0.00136
-10.00	-70.00	0.00128	-10.00	-80.00	0.00119
-10.00	-90.00	0.00110	-10.00	-100.00	0.00102
0.00	100.00	0.00049	0.00	90.00	0.00050
0.00	80.00	0.00051	0.00	70.00	0.00052
0.00	60.00	0.00053	0.00	50.00	0.00054
0.00	40.00	0.00057	0.00	30.00	0.00061
0.00	25.00	0.00064	0.00	20.00	0.00068
0.00	17.00	0.00071	0.00	15.00	0.00073
0.00	13.00	0.00075	0.00	11.00	0.00078
0.00	9.00	0.00081	0.00	-9.00	0.00134
0.00	-11.00	0.00139	0.00	-13.00	0.00144
0.00	-15.00	0.00148	0.00	-17.00	0.00153
0.00	-20.00	0.00159	0.00	-25.00	0.00167
0.00	-30.00	0.00172	0.00	-40.00	0.00173
0.00	-50.00	0.00166	0.00	-60.00	0.00156
0.00	-70.00	0.00144	0.00	-80.00	0.00133
0.00	-90.00	0.00122	0.00	-100.00	0.00112
10.00	100.00	0.00062	10.00	90.00	0.00063
10.00	80.00	0.00064	10.00	70.00	0.00065
10.00	60.00	0.00066	10.00	50.00	0.00067
10.00	40.00	0.00069	10.00	30.00	0.00072
10.00	25.00	0.00075	10.00	20.00	0.00079
10.00	17.00	0.00083	10.00	15.00	0.00085
10.00	13.00	0.00088	10.00	11.00	0.00092
10.00	9.00	0.00096	10.00	-9.00	0.00166
10.00	-11.00	0.00173	10.00	-13.00	0.00180
10.00	-15.00	0.00186	10.00	-17.00	0.00192

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00199	10.00	-25.00	0.00206
10.00	-30.00	0.00209	10.00	-40.00	0.00205
10.00	-50.00	0.00194	10.00	-60.00	0.00179
10.00	-70.00	0.00164	10.00	-80.00	0.00149

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

10.00	-90.00	0.00136	10.00	-100.00	0.00123
20.00	100.00	0.00080	20.00	90.00	0.00083
20.00	80.00	0.00085	20.00	70.00	0.00088
20.00	60.00	0.00089	20.00	50.00	0.00089
20.00	40.00	0.00089	20.00	30.00	0.00089
20.00	25.00	0.00091	20.00	20.00	0.00095
20.00	17.00	0.00098	20.00	15.00	0.00100
20.00	13.00	0.00104	20.00	11.00	0.00108
20.00	9.00	0.00113	20.00	-9.00	0.00211
20.00	-11.00	0.00221	20.00	-13.00	0.00230
20.00	-15.00	0.00237	20.00	-17.00	0.00243
20.00	-20.00	0.00250	20.00	-25.00	0.00255
20.00	-30.00	0.00254	20.00	-40.00	0.00244
20.00	-50.00	0.00226	20.00	-60.00	0.00206
20.00	-70.00	0.00186	20.00	-80.00	0.00167
20.00	-90.00	0.00149	20.00	-100.00	0.00134
30.00	100.00	0.00103	30.00	90.00	0.00109
30.00	80.00	0.00116	30.00	70.00	0.00122
30.00	60.00	0.00127	30.00	50.00	0.00130
30.00	40.00	0.00130	30.00	30.00	0.00125
30.00	25.00	0.00123	30.00	20.00	0.00121
30.00	17.00	0.00122	30.00	15.00	0.00124
30.00	13.00	0.00126	30.00	11.00	0.00130
30.00	9.00	0.00135	30.00	-9.00	0.00277
30.00	-11.00	0.00290	30.00	-13.00	0.00299
30.00	-15.00	0.00306	30.00	-17.00	0.00310
30.00	-20.00	0.00314	30.00	-25.00	0.00315
30.00	-30.00	0.00310	30.00	-40.00	0.00290
30.00	-50.00	0.00263	30.00	-60.00	0.00234
30.00	-70.00	0.00207	30.00	-80.00	0.00182
30.00	-90.00	0.00161	30.00	-100.00	0.00143
40.00	100.00	0.00128	40.00	90.00	0.00140
40.00	80.00	0.00153	40.00	70.00	0.00167
40.00	60.00	0.00183	40.00	50.00	0.00198
40.00	40.00	0.00212	40.00	30.00	0.00219
40.00	25.00	0.00218	40.00	20.00	0.00212

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

09NCRA_NAPA00-300_DPM_TRAV ANN E-W Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00206	40.00	15.00	0.00200
40.00	13.00	0.00195	40.00	11.00	0.00191
40.00	9.00	0.00188	40.00	-9.00	0.00388
40.00	-11.00	0.00395	40.00	-13.00	0.00399
40.00	-15.00	0.00401	40.00	-17.00	0.00401
40.00	-20.00	0.00398	40.00	-25.00	0.00388
40.00	-30.00	0.00373	40.00	-40.00	0.00336
40.00	-50.00	0.00295	40.00	-60.00	0.00257
40.00	-70.00	0.00223	40.00	-80.00	0.00194
40.00	-90.00	0.00170	40.00	-100.00	0.00149
50.00	100.00	0.00151	50.00	90.00	0.00167
50.00	80.00	0.00187	50.00	70.00	0.00210
50.00	60.00	0.00237	50.00	50.00	0.00267
50.00	40.00	0.00302	50.00	30.00	0.00341
50.00	25.00	0.00362	50.00	20.00	0.00383
50.00	17.00	0.00396	50.00	15.00	0.00404
50.00	13.00	0.00413	50.00	11.00	0.00424
50.00	9.00	0.00438	50.00	-9.00	0.00508
50.00	-11.00	0.00498	50.00	-13.00	0.00490
50.00	-15.00	0.00482	50.00	-17.00	0.00474
50.00	-20.00	0.00462	50.00	-25.00	0.00440
50.00	-30.00	0.00416	50.00	-40.00	0.00365
50.00	-50.00	0.00315	50.00	-60.00	0.00270
50.00	-70.00	0.00233	50.00	-80.00	0.00201
50.00	-90.00	0.00174	50.00	-100.00	0.00152
60.00	100.00	0.00169	60.00	90.00	0.00190
60.00	80.00	0.00214	60.00	70.00	0.00243
60.00	60.00	0.00278	60.00	50.00	0.00319
60.00	40.00	0.00367	60.00	30.00	0.00422
60.00	25.00	0.00452	60.00	20.00	0.00482
60.00	17.00	0.00498	60.00	15.00	0.00508
60.00	13.00	0.00518	60.00	11.00	0.00526
60.00	9.00	0.00536	60.00	-9.00	0.00528
60.00	-11.00	0.00518	60.00	-13.00	0.00510
60.00	-15.00	0.00502	60.00	-17.00	0.00494
60.00	-20.00	0.00482	60.00	-25.00	0.00458
60.00	-30.00	0.00431	60.00	-40.00	0.00374
60.00	-50.00	0.00321	60.00	-60.00	0.00274
60.00	-70.00	0.00234	60.00	-80.00	0.00201
60.00	-90.00	0.00173	60.00	-100.00	0.00150

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

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**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00183	70.00	90.00	0.00207
70.00	80.00	0.00235	70.00	70.00	0.00269
70.00	60.00	0.00309	70.00	50.00	0.00355
70.00	40.00	0.00410	70.00	30.00	0.00470
70.00	25.00	0.00502	70.00	20.00	0.00532
70.00	17.00	0.00547	70.00	15.00	0.00555
70.00	13.00	0.00562	70.00	11.00	0.00567
70.00	9.00	0.00573	70.00	-9.00	0.00530
70.00	-11.00	0.00519	70.00	-13.00	0.00509
70.00	-15.00	0.00501	70.00	-17.00	0.00492
70.00	-20.00	0.00479	70.00	-25.00	0.00454
70.00	-30.00	0.00427	70.00	-40.00	0.00370
70.00	-50.00	0.00317	70.00	-60.00	0.00270
70.00	-70.00	0.00230	70.00	-80.00	0.00196
70.00	-90.00	0.00169	70.00	-100.00	0.00146
80.00	100.00	0.00193	80.00	90.00	0.00219
80.00	80.00	0.00249	80.00	70.00	0.00286
80.00	60.00	0.00328	80.00	50.00	0.00379
80.00	40.00	0.00436	80.00	30.00	0.00498
80.00	25.00	0.00528	80.00	20.00	0.00556
80.00	17.00	0.00569	80.00	15.00	0.00576
80.00	13.00	0.00582	80.00	11.00	0.00585
80.00	9.00	0.00588	80.00	-9.00	0.00521
80.00	-11.00	0.00509	80.00	-13.00	0.00499
80.00	-15.00	0.00489	80.00	-17.00	0.00479
80.00	-20.00	0.00464	80.00	-25.00	0.00437
80.00	-30.00	0.00409	80.00	-40.00	0.00354
80.00	-50.00	0.00303	80.00	-60.00	0.00258
80.00	-70.00	0.00219	80.00	-80.00	0.00187
80.00	-90.00	0.00160	80.00	-100.00	0.00138
90.00	100.00	0.00196	90.00	90.00	0.00224
90.00	80.00	0.00256	90.00	70.00	0.00294
90.00	60.00	0.00339	90.00	50.00	0.00391
90.00	40.00	0.00450	90.00	30.00	0.00511
90.00	25.00	0.00540	90.00	20.00	0.00566
90.00	17.00	0.00578	90.00	15.00	0.00584

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

90.00	13.00	0.00588	90.00	11.00	0.00589
90.00	9.00	0.00591	90.00	-9.00	0.00503
90.00	-11.00	0.00489	90.00	-13.00	0.00477
90.00	-15.00	0.00466	90.00	-17.00	0.00455

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00439	90.00	-25.00	0.00410
90.00	-30.00	0.00382	90.00	-40.00	0.00329
90.00	-50.00	0.00281	90.00	-60.00	0.00239
90.00	-70.00	0.00203	90.00	-80.00	0.00173
90.00	-90.00	0.00148	90.00	-100.00	0.00127
100.00	100.00	0.00194	100.00	90.00	0.00222
100.00	80.00	0.00255	100.00	70.00	0.00294
100.00	60.00	0.00340	100.00	50.00	0.00393
100.00	40.00	0.00452	100.00	30.00	0.00513
100.00	25.00	0.00543	100.00	20.00	0.00567
100.00	17.00	0.00578	100.00	15.00	0.00583
100.00	13.00	0.00585	100.00	11.00	0.00585
100.00	9.00	0.00585	100.00	-9.00	0.00473
100.00	-11.00	0.00457	100.00	-13.00	0.00443
100.00	-15.00	0.00430	100.00	-17.00	0.00418
100.00	-20.00	0.00400	100.00	-25.00	0.00371
100.00	-30.00	0.00344	100.00	-40.00	0.00295
100.00	-50.00	0.00251	100.00	-60.00	0.00213
100.00	-70.00	0.00181	100.00	-80.00	0.00154
100.00	-90.00	0.00132	100.00	-100.00	0.00113
110.00	100.00	0.00184	110.00	90.00	0.00211
110.00	80.00	0.00243	110.00	70.00	0.00282
110.00	60.00	0.00328	110.00	50.00	0.00382
110.00	40.00	0.00442	110.00	30.00	0.00505
110.00	25.00	0.00534	110.00	20.00	0.00559
110.00	17.00	0.00570	110.00	15.00	0.00574
110.00	13.00	0.00575	110.00	11.00	0.00574
110.00	9.00	0.00572	110.00	-9.00	0.00427
110.00	-11.00	0.00408	110.00	-13.00	0.00392
110.00	-15.00	0.00377	110.00	-17.00	0.00364

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

110.00	-20.00	0.00346	110.00	-25.00	0.00320
110.00	-30.00	0.00296	110.00	-40.00	0.00252
110.00	-50.00	0.00213	110.00	-60.00	0.00180
110.00	-70.00	0.00153	110.00	-80.00	0.00131
110.00	-90.00	0.00113	110.00	-100.00	0.00099
120.00	100.00	0.00166	120.00	90.00	0.00190
120.00	80.00	0.00219	120.00	70.00	0.00254
120.00	60.00	0.00296	120.00	50.00	0.00347
120.00	40.00	0.00407	120.00	30.00	0.00474
120.00	25.00	0.00508	120.00	20.00	0.00537

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00548	120.00	15.00	0.00553
120.00	13.00	0.00555	120.00	11.00	0.00555
120.00	9.00	0.00552	120.00	-9.00	0.00358
120.00	-11.00	0.00335	120.00	-13.00	0.00318
120.00	-15.00	0.00304	120.00	-17.00	0.00293
120.00	-20.00	0.00277	120.00	-25.00	0.00255
120.00	-30.00	0.00234	120.00	-40.00	0.00199
120.00	-50.00	0.00169	120.00	-60.00	0.00145
120.00	-70.00	0.00125	120.00	-80.00	0.00108
120.00	-90.00	0.00095	120.00	-100.00	0.00084
130.00	100.00	0.00145	130.00	90.00	0.00164
130.00	80.00	0.00187	130.00	70.00	0.00214
130.00	60.00	0.00245	130.00	50.00	0.00283
130.00	40.00	0.00328	130.00	30.00	0.00383
130.00	25.00	0.00414	130.00	20.00	0.00447
130.00	17.00	0.00465	130.00	15.00	0.00477
130.00	13.00	0.00487	130.00	11.00	0.00494
130.00	9.00	0.00499	130.00	-9.00	0.00242
130.00	-11.00	0.00224	130.00	-13.00	0.00211
130.00	-15.00	0.00202	130.00	-17.00	0.00194
130.00	-20.00	0.00185	130.00	-25.00	0.00173
130.00	-30.00	0.00162	130.00	-40.00	0.00143
130.00	-50.00	0.00126	130.00	-60.00	0.00111
130.00	-70.00	0.00098	130.00	-80.00	0.00087

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

130.00	-90.00	0.00078	130.00	-100.00	0.00070
140.00	100.00	0.00125	140.00	90.00	0.00139
140.00	80.00	0.00155	140.00	70.00	0.00173
140.00	60.00	0.00193	140.00	50.00	0.00216
140.00	40.00	0.00239	140.00	30.00	0.00261
140.00	25.00	0.00270	140.00	20.00	0.00275
140.00	17.00	0.00274	140.00	15.00	0.00271
140.00	13.00	0.00266	140.00	11.00	0.00258
140.00	9.00	0.00247	140.00	-9.00	0.00111
140.00	-11.00	0.00111	140.00	-13.00	0.00111
140.00	-15.00	0.00111	140.00	-17.00	0.00111
140.00	-20.00	0.00110	140.00	-25.00	0.00109
140.00	-30.00	0.00107	140.00	-40.00	0.00100
140.00	-50.00	0.00093	140.00	-60.00	0.00085
140.00	-70.00	0.00077	140.00	-80.00	0.00070
140.00	-90.00	0.00063	140.00	-100.00	0.00058

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 17:29:17 *** Maximum train overlap at East/West Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00107	150.00	90.00	0.00117
150.00	80.00	0.00128	150.00	70.00	0.00140
150.00	60.00	0.00152	150.00	50.00	0.00164
150.00	40.00	0.00173	150.00	30.00	0.00178
150.00	25.00	0.00178	150.00	20.00	0.00173
150.00	17.00	0.00168	150.00	15.00	0.00163
150.00	13.00	0.00157	150.00	11.00	0.00151
150.00	9.00	0.00143	150.00	-9.00	0.00079
150.00	-11.00	0.00078	150.00	-13.00	0.00077
150.00	-15.00	0.00077	150.00	-17.00	0.00076
150.00	-20.00	0.00076	150.00	-25.00	0.00076
150.00	-30.00	0.00075	150.00	-40.00	0.00073
150.00	-50.00	0.00070	150.00	-60.00	0.00065
150.00	-70.00	0.00061	150.00	-80.00	0.00056
150.00	-90.00	0.00052	150.00	-100.00	0.00048
160.00	100.00	0.00091	160.00	90.00	0.00098
160.00	80.00	0.00105	160.00	70.00	0.00112
160.00	60.00	0.00119	160.00	50.00	0.00125

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

160.00	40.00	0.00128	160.00	30.00	0.00126
160.00	25.00	0.00123	160.00	20.00	0.00117
160.00	17.00	0.00113	160.00	15.00	0.00110
160.00	13.00	0.00106	160.00	11.00	0.00102
160.00	9.00	0.00098	160.00	-9.00	0.00061
160.00	-11.00	0.00060	160.00	-13.00	0.00060
160.00	-15.00	0.00060	160.00	-17.00	0.00059
160.00	-20.00	0.00059	160.00	-25.00	0.00058
160.00	-30.00	0.00057	160.00	-40.00	0.00055
160.00	-50.00	0.00053	160.00	-60.00	0.00051
160.00	-70.00	0.00048	160.00	-80.00	0.00046
160.00	-90.00	0.00043	160.00	-100.00	0.00040
170.00	100.00	0.00077	170.00	90.00	0.00082
170.00	80.00	0.00086	170.00	70.00	0.00091
170.00	60.00	0.00094	170.00	50.00	0.00097
170.00	40.00	0.00096	170.00	30.00	0.00093
170.00	25.00	0.00090	170.00	20.00	0.00085
170.00	17.00	0.00082	170.00	15.00	0.00080
170.00	13.00	0.00078	170.00	11.00	0.00075
170.00	9.00	0.00073	170.00	-9.00	0.00049
170.00	-11.00	0.00048	170.00	-13.00	0.00048
170.00	-15.00	0.00047	170.00	-17.00	0.00047

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 17:29:17 *** Maximum train overlap at East/West Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00047	170.00	-25.00	0.00047
170.00	-30.00	0.00046	170.00	-40.00	0.00044
170.00	-50.00	0.00042	170.00	-60.00	0.00041
170.00	-70.00	0.00039	170.00	-80.00	0.00037
170.00	-90.00	0.00035	170.00	-100.00	0.00034
180.00	100.00	0.00065	180.00	90.00	0.00069
180.00	80.00	0.00072	180.00	70.00	0.00074
180.00	60.00	0.00076	180.00	50.00	0.00076
180.00	40.00	0.00074	180.00	30.00	0.00071
180.00	25.00	0.00068	180.00	20.00	0.00065
180.00	17.00	0.00063	180.00	15.00	0.00061
180.00	13.00	0.00060	180.00	11.00	0.00058

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

180.00	9.00	0.00057	180.00	-9.00	0.00040
180.00	-11.00	0.00039	180.00	-13.00	0.00039
180.00	-15.00	0.00038	180.00	-17.00	0.00038
180.00	-20.00	0.00038	180.00	-25.00	0.00038
180.00	-30.00	0.00038	180.00	-40.00	0.00037
180.00	-50.00	0.00035	180.00	-60.00	0.00033
180.00	-70.00	0.00032	180.00	-80.00	0.00031
180.00	-90.00	0.00029	180.00	-100.00	0.00028
190.00	100.00	0.00056	190.00	90.00	0.00058
190.00	80.00	0.00060	190.00	70.00	0.00061
190.00	60.00	0.00061	190.00	50.00	0.00061
190.00	40.00	0.00059	190.00	30.00	0.00056
190.00	25.00	0.00054	190.00	20.00	0.00051
190.00	17.00	0.00050	190.00	15.00	0.00049
190.00	13.00	0.00048	190.00	11.00	0.00047
190.00	9.00	0.00045	190.00	-9.00	0.00033
190.00	-11.00	0.00032	190.00	-13.00	0.00032
190.00	-15.00	0.00032	190.00	-17.00	0.00032
190.00	-20.00	0.00032	190.00	-25.00	0.00032
190.00	-30.00	0.00032	190.00	-40.00	0.00031
190.00	-50.00	0.00030	190.00	-60.00	0.00028
190.00	-70.00	0.00027	190.00	-80.00	0.00026
190.00	-90.00	0.00025	190.00	-100.00	0.00024
200.00	100.00	0.00048	200.00	90.00	0.00049
200.00	80.00	0.00050	200.00	70.00	0.00050
200.00	60.00	0.00050	200.00	50.00	0.00049
200.00	40.00	0.00048	200.00	30.00	0.00045
200.00	25.00	0.00043	200.00	20.00	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00041	200.00	15.00	0.00040
200.00	13.00	0.00039	200.00	11.00	0.00038
200.00	9.00	0.00037	200.00	-9.00	0.00028
200.00	-11.00	0.00027	200.00	-13.00	0.00027
200.00	-15.00	0.00027	200.00	-17.00	0.00026
200.00	-20.00	0.00026	200.00	-25.00	0.00026

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

200.00	-30.00	0.00027	200.00	-40.00	0.00026
200.00	-50.00	0.00026	200.00	-60.00	0.00025
200.00	-70.00	0.00023	200.00	-80.00	0.00022
200.00	-90.00	0.00021	200.00	-100.00	0.00021
210.00	100.00	0.00041	210.00	90.00	0.00042
210.00	80.00	0.00042	210.00	70.00	0.00042
210.00	60.00	0.00042	210.00	50.00	0.00041
210.00	40.00	0.00040	210.00	30.00	0.00037
210.00	25.00	0.00036	210.00	20.00	0.00034
210.00	17.00	0.00034	210.00	15.00	0.00033
210.00	13.00	0.00033	210.00	11.00	0.00032
210.00	9.00	0.00031	210.00	-9.00	0.00024
210.00	-11.00	0.00023	210.00	-13.00	0.00023
210.00	-15.00	0.00023	210.00	-17.00	0.00023
210.00	-20.00	0.00022	210.00	-25.00	0.00022
210.00	-30.00	0.00023	210.00	-40.00	0.00023
210.00	-50.00	0.00022	210.00	-60.00	0.00022
210.00	-70.00	0.00021	210.00	-80.00	0.00020
210.00	-90.00	0.00019	210.00	-100.00	0.00018
220.00	100.00	0.00036	220.00	90.00	0.00036
220.00	80.00	0.00036	220.00	70.00	0.00036
220.00	60.00	0.00035	220.00	50.00	0.00035
220.00	40.00	0.00033	220.00	30.00	0.00031
220.00	25.00	0.00030	220.00	20.00	0.00029
220.00	17.00	0.00028	220.00	15.00	0.00028
220.00	13.00	0.00028	220.00	11.00	0.00027
220.00	9.00	0.00027	220.00	-9.00	0.00021
220.00	-11.00	0.00020	220.00	-13.00	0.00020
220.00	-15.00	0.00020	220.00	-17.00	0.00019
220.00	-20.00	0.00019	220.00	-25.00	0.00019
220.00	-30.00	0.00019	220.00	-40.00	0.00019
220.00	-50.00	0.00019	220.00	-60.00	0.00019
220.00	-70.00	0.00018	220.00	-80.00	0.00018
220.00	-90.00	0.00017	220.00	-100.00	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

230.00	100.00	0.00031	230.00	90.00	0.00031
230.00	80.00	0.00031	230.00	70.00	0.00031
230.00	60.00	0.00030	230.00	50.00	0.00029
230.00	40.00	0.00028	230.00	30.00	0.00026
230.00	25.00	0.00026	230.00	20.00	0.00025
230.00	17.00	0.00024	230.00	15.00	0.00024
230.00	13.00	0.00024	230.00	11.00	0.00023
230.00	9.00	0.00023	230.00	-9.00	0.00018
230.00	-11.00	0.00018	230.00	-13.00	0.00017
230.00	-15.00	0.00017	230.00	-17.00	0.00017
230.00	-20.00	0.00017	230.00	-25.00	0.00017
230.00	-30.00	0.00017	230.00	-40.00	0.00017
230.00	-50.00	0.00017	230.00	-60.00	0.00017
230.00	-70.00	0.00016	230.00	-80.00	0.00016
230.00	-90.00	0.00015	230.00	-100.00	0.00014
240.00	100.00	0.00027	240.00	90.00	0.00027
240.00	80.00	0.00027	240.00	70.00	0.00027
240.00	60.00	0.00026	240.00	50.00	0.00025
240.00	40.00	0.00024	240.00	30.00	0.00023
240.00	25.00	0.00022	240.00	20.00	0.00022
240.00	17.00	0.00021	240.00	15.00	0.00021
240.00	13.00	0.00021	240.00	11.00	0.00020
240.00	9.00	0.00020	240.00	-9.00	0.00016
240.00	-11.00	0.00016	240.00	-13.00	0.00015
240.00	-15.00	0.00015	240.00	-17.00	0.00015
240.00	-20.00	0.00015	240.00	-25.00	0.00015
240.00	-30.00	0.00015	240.00	-40.00	0.00015
240.00	-50.00	0.00015	240.00	-60.00	0.00015
240.00	-70.00	0.00014	240.00	-80.00	0.00014
240.00	-90.00	0.00014	240.00	-100.00	0.00013
250.00	100.00	0.00024	250.00	90.00	0.00024
250.00	80.00	0.00024	250.00	70.00	0.00023
250.00	60.00	0.00023	250.00	50.00	0.00022
250.00	40.00	0.00021	250.00	30.00	0.00020
250.00	25.00	0.00019	250.00	20.00	0.00019
250.00	17.00	0.00019	250.00	15.00	0.00018
250.00	13.00	0.00018	250.00	11.00	0.00018
250.00	9.00	0.00018	250.00	-9.00	0.00014
250.00	-11.00	0.00014	250.00	-13.00	0.00014
250.00	-15.00	0.00013	250.00	-17.00	0.00013

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00013	250.00	-25.00	0.00013
250.00	-30.00	0.00013	250.00	-40.00	0.00013
250.00	-50.00	0.00013	250.00	-60.00	0.00013
250.00	-70.00	0.00013	250.00	-80.00	0.00013
250.00	-90.00	0.00012	250.00	-100.00	0.00012

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTS:
 PAGE 63
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00009	-250.00	90.00	0.00009
-250.00	80.00	0.00010	-250.00	70.00	0.00010
-250.00	60.00	0.00011	-250.00	50.00	0.00011
-250.00	40.00	0.00012	-250.00	30.00	0.00013
-250.00	25.00	0.00013	-250.00	20.00	0.00014
-250.00	17.00	0.00014	-250.00	15.00	0.00014
-250.00	13.00	0.00015	-250.00	11.00	0.00015
-250.00	9.00	0.00015	-250.00	-9.00	0.00018
-250.00	-11.00	0.00019	-250.00	-13.00	0.00019
-250.00	-15.00	0.00019	-250.00	-17.00	0.00020
-250.00	-20.00	0.00020	-250.00	-25.00	0.00021
-250.00	-30.00	0.00022	-250.00	-40.00	0.00023
-250.00	-50.00	0.00024	-250.00	-60.00	0.00025
-250.00	-70.00	0.00025	-250.00	-80.00	0.00026
-250.00	-90.00	0.00027	-250.00	-100.00	0.00028
-240.00	100.00	0.00010	-240.00	90.00	0.00010
-240.00	80.00	0.00010	-240.00	70.00	0.00011
-240.00	60.00	0.00011	-240.00	50.00	0.00012
-240.00	40.00	0.00013	-240.00	30.00	0.00013
-240.00	25.00	0.00014	-240.00	20.00	0.00015
-240.00	17.00	0.00015	-240.00	15.00	0.00015
-240.00	13.00	0.00016	-240.00	11.00	0.00016
-240.00	9.00	0.00016	-240.00	-9.00	0.00020

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-240.00	-11.00	0.00020	-240.00	-13.00	0.00021
-240.00	-15.00	0.00021	-240.00	-17.00	0.00021
-240.00	-20.00	0.00022	-240.00	-25.00	0.00023
-240.00	-30.00	0.00023	-240.00	-40.00	0.00025
-240.00	-50.00	0.00026	-240.00	-60.00	0.00027
-240.00	-70.00	0.00028	-240.00	-80.00	0.00029
-240.00	-90.00	0.00029	-240.00	-100.00	0.00030
-230.00	100.00	0.00010	-230.00	90.00	0.00011
-230.00	80.00	0.00011	-230.00	70.00	0.00012
-230.00	60.00	0.00012	-230.00	50.00	0.00013
-230.00	40.00	0.00014	-230.00	30.00	0.00014
-230.00	25.00	0.00015	-230.00	20.00	0.00016
-230.00	17.00	0.00016	-230.00	15.00	0.00016
-230.00	13.00	0.00017	-230.00	11.00	0.00017
-230.00	9.00	0.00018	-230.00	-9.00	0.00022
-230.00	-11.00	0.00022	-230.00	-13.00	0.00022
-230.00	-15.00	0.00023	-230.00	-17.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00024	-230.00	-25.00	0.00025
-230.00	-30.00	0.00026	-230.00	-40.00	0.00027
-230.00	-50.00	0.00028	-230.00	-60.00	0.00029
-230.00	-70.00	0.00030	-230.00	-80.00	0.00031
-230.00	-90.00	0.00032	-230.00	-100.00	0.00032
-220.00	100.00	0.00011	-220.00	90.00	0.00011
-220.00	80.00	0.00012	-220.00	70.00	0.00012
-220.00	60.00	0.00013	-220.00	50.00	0.00014
-220.00	40.00	0.00015	-220.00	30.00	0.00016
-220.00	25.00	0.00016	-220.00	20.00	0.00017
-220.00	17.00	0.00017	-220.00	15.00	0.00018
-220.00	13.00	0.00018	-220.00	11.00	0.00018
-220.00	9.00	0.00019	-220.00	-9.00	0.00023
-220.00	-11.00	0.00024	-220.00	-13.00	0.00024
-220.00	-15.00	0.00025	-220.00	-17.00	0.00025
-220.00	-20.00	0.00026	-220.00	-25.00	0.00027
-220.00	-30.00	0.00028	-220.00	-40.00	0.00029

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-220.00	-50.00	0.00031	-220.00	-60.00	0.00032
-220.00	-70.00	0.00033	-220.00	-80.00	0.00034
-220.00	-90.00	0.00035	-220.00	-100.00	0.00035
-210.00	100.00	0.00012	-210.00	90.00	0.00012
-210.00	80.00	0.00013	-210.00	70.00	0.00013
-210.00	60.00	0.00014	-210.00	50.00	0.00015
-210.00	40.00	0.00016	-210.00	30.00	0.00017
-210.00	25.00	0.00017	-210.00	20.00	0.00018
-210.00	17.00	0.00019	-210.00	15.00	0.00019
-210.00	13.00	0.00020	-210.00	11.00	0.00020
-210.00	9.00	0.00021	-210.00	-9.00	0.00026
-210.00	-11.00	0.00026	-210.00	-13.00	0.00027
-210.00	-15.00	0.00027	-210.00	-17.00	0.00028
-210.00	-20.00	0.00029	-210.00	-25.00	0.00030
-210.00	-30.00	0.00031	-210.00	-40.00	0.00032
-210.00	-50.00	0.00034	-210.00	-60.00	0.00035
-210.00	-70.00	0.00037	-210.00	-80.00	0.00038
-210.00	-90.00	0.00038	-210.00	-100.00	0.00038
-200.00	100.00	0.00012	-200.00	90.00	0.00013
-200.00	80.00	0.00014	-200.00	70.00	0.00014
-200.00	60.00	0.00015	-200.00	50.00	0.00016
-200.00	40.00	0.00017	-200.00	30.00	0.00018
-200.00	25.00	0.00019	-200.00	20.00	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00020	-200.00	15.00	0.00021
-200.00	13.00	0.00021	-200.00	11.00	0.00022
-200.00	9.00	0.00022	-200.00	-9.00	0.00028
-200.00	-11.00	0.00029	-200.00	-13.00	0.00030
-200.00	-15.00	0.00030	-200.00	-17.00	0.00031
-200.00	-20.00	0.00032	-200.00	-25.00	0.00033
-200.00	-30.00	0.00034	-200.00	-40.00	0.00036
-200.00	-50.00	0.00038	-200.00	-60.00	0.00039
-200.00	-70.00	0.00041	-200.00	-80.00	0.00042
-200.00	-90.00	0.00042	-200.00	-100.00	0.00042
-190.00	100.00	0.00014	-190.00	90.00	0.00014

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-190.00	80.00	0.00015	-190.00	70.00	0.00015
-190.00	60.00	0.00016	-190.00	50.00	0.00017
-190.00	40.00	0.00019	-190.00	30.00	0.00020
-190.00	25.00	0.00021	-190.00	20.00	0.00021
-190.00	17.00	0.00022	-190.00	15.00	0.00023
-190.00	13.00	0.00023	-190.00	11.00	0.00024
-190.00	9.00	0.00024	-190.00	-9.00	0.00031
-190.00	-11.00	0.00032	-190.00	-13.00	0.00033
-190.00	-15.00	0.00034	-190.00	-17.00	0.00034
-190.00	-20.00	0.00035	-190.00	-25.00	0.00037
-190.00	-30.00	0.00038	-190.00	-40.00	0.00040
-190.00	-50.00	0.00042	-190.00	-60.00	0.00044
-190.00	-70.00	0.00045	-190.00	-80.00	0.00046
-190.00	-90.00	0.00046	-190.00	-100.00	0.00045
-180.00	100.00	0.00015	-180.00	90.00	0.00015
-180.00	80.00	0.00016	-180.00	70.00	0.00017
-180.00	60.00	0.00018	-180.00	50.00	0.00019
-180.00	40.00	0.00020	-180.00	30.00	0.00022
-180.00	25.00	0.00022	-180.00	20.00	0.00023
-180.00	17.00	0.00024	-180.00	15.00	0.00025
-180.00	13.00	0.00025	-180.00	11.00	0.00026
-180.00	9.00	0.00027	-180.00	-9.00	0.00035
-180.00	-11.00	0.00036	-180.00	-13.00	0.00037
-180.00	-15.00	0.00037	-180.00	-17.00	0.00038
-180.00	-20.00	0.00039	-180.00	-25.00	0.00041
-180.00	-30.00	0.00042	-180.00	-40.00	0.00045
-180.00	-50.00	0.00047	-180.00	-60.00	0.00049
-180.00	-70.00	0.00050	-180.00	-80.00	0.00051
-180.00	-90.00	0.00050	-180.00	-100.00	0.00049

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTS:
 PAGE 66

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00016	-170.00	90.00	0.00017
-170.00	80.00	0.00017	-170.00	70.00	0.00018
-170.00	60.00	0.00019	-170.00	50.00	0.00021
-170.00	40.00	0.00022	-170.00	30.00	0.00024
-170.00	25.00	0.00025	-170.00	20.00	0.00026

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-170.00	17.00	0.00027	-170.00	15.00	0.00027
-170.00	13.00	0.00028	-170.00	11.00	0.00029
-170.00	9.00	0.00030	-170.00	-9.00	0.00039
-170.00	-11.00	0.00040	-170.00	-13.00	0.00041
-170.00	-15.00	0.00042	-170.00	-17.00	0.00043
-170.00	-20.00	0.00044	-170.00	-25.00	0.00046
-170.00	-30.00	0.00047	-170.00	-40.00	0.00050
-170.00	-50.00	0.00053	-170.00	-60.00	0.00055
-170.00	-70.00	0.00056	-170.00	-80.00	0.00056
-170.00	-90.00	0.00055	-170.00	-100.00	0.00054
-160.00	100.00	0.00018	-160.00	90.00	0.00018
-160.00	80.00	0.00019	-160.00	70.00	0.00020
-160.00	60.00	0.00021	-160.00	50.00	0.00022
-160.00	40.00	0.00024	-160.00	30.00	0.00026
-160.00	25.00	0.00027	-160.00	20.00	0.00028
-160.00	17.00	0.00029	-160.00	15.00	0.00030
-160.00	13.00	0.00031	-160.00	11.00	0.00032
-160.00	9.00	0.00033	-160.00	-9.00	0.00044
-160.00	-11.00	0.00045	-160.00	-13.00	0.00046
-160.00	-15.00	0.00047	-160.00	-17.00	0.00048
-160.00	-20.00	0.00050	-160.00	-25.00	0.00052
-160.00	-30.00	0.00054	-160.00	-40.00	0.00057
-160.00	-50.00	0.00060	-160.00	-60.00	0.00062
-160.00	-70.00	0.00063	-160.00	-80.00	0.00062
-160.00	-90.00	0.00061	-160.00	-100.00	0.00058
-150.00	100.00	0.00020	-150.00	90.00	0.00020
-150.00	80.00	0.00021	-150.00	70.00	0.00022
-150.00	60.00	0.00023	-150.00	50.00	0.00025
-150.00	40.00	0.00027	-150.00	30.00	0.00029
-150.00	25.00	0.00030	-150.00	20.00	0.00032
-150.00	17.00	0.00033	-150.00	15.00	0.00034
-150.00	13.00	0.00034	-150.00	11.00	0.00035
-150.00	9.00	0.00037	-150.00	-9.00	0.00050
-150.00	-11.00	0.00051	-150.00	-13.00	0.00053
-150.00	-15.00	0.00054	-150.00	-17.00	0.00055

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 17:29:17
 **MODELOPTs:
 PAGE 67
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

		09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound				
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-150.00	-20.00	0.00057	-150.00	-25.00	0.00059	
-150.00	-30.00	0.00061	-150.00	-40.00	0.00066	
-150.00	-50.00	0.00069	-150.00	-60.00	0.00071	
-150.00	-70.00	0.00071	-150.00	-80.00	0.00069	
-150.00	-90.00	0.00067	-150.00	-100.00	0.00064	
-140.00	100.00	0.00022	-140.00	90.00	0.00023	
-140.00	80.00	0.00023	-140.00	70.00	0.00024	
-140.00	60.00	0.00026	-140.00	50.00	0.00027	
-140.00	40.00	0.00030	-140.00	30.00	0.00032	
-140.00	25.00	0.00034	-140.00	20.00	0.00035	
-140.00	17.00	0.00037	-140.00	15.00	0.00038	
-140.00	13.00	0.00039	-140.00	11.00	0.00040	
-140.00	9.00	0.00041	-140.00	-9.00	0.00057	
-140.00	-11.00	0.00059	-140.00	-13.00	0.00061	
-140.00	-15.00	0.00062	-140.00	-17.00	0.00063	
-140.00	-20.00	0.00065	-140.00	-25.00	0.00068	
-140.00	-30.00	0.00071	-140.00	-40.00	0.00076	
-140.00	-50.00	0.00079	-140.00	-60.00	0.00080	
-140.00	-70.00	0.00079	-140.00	-80.00	0.00077	
-140.00	-90.00	0.00073	-140.00	-100.00	0.00070	
-130.00	100.00	0.00025	-130.00	90.00	0.00026	
-130.00	80.00	0.00027	-130.00	70.00	0.00027	
-130.00	60.00	0.00029	-130.00	50.00	0.00030	
-130.00	40.00	0.00033	-130.00	30.00	0.00036	
-130.00	25.00	0.00038	-130.00	20.00	0.00040	
-130.00	17.00	0.00041	-130.00	15.00	0.00042	
-130.00	13.00	0.00043	-130.00	11.00	0.00045	
-130.00	9.00	0.00046	-130.00	-9.00	0.00066	
-130.00	-11.00	0.00068	-130.00	-13.00	0.00070	
-130.00	-15.00	0.00072	-130.00	-17.00	0.00074	
-130.00	-20.00	0.00076	-130.00	-25.00	0.00079	
-130.00	-30.00	0.00083	-130.00	-40.00	0.00088	
-130.00	-50.00	0.00092	-130.00	-60.00	0.00092	
-130.00	-70.00	0.00089	-130.00	-80.00	0.00085	
-130.00	-90.00	0.00081	-130.00	-100.00	0.00076	
-120.00	100.00	0.00029	-120.00	90.00	0.00030	
-120.00	80.00	0.00030	-120.00	70.00	0.00031	
-120.00	60.00	0.00032	-120.00	50.00	0.00034	
-120.00	40.00	0.00037	-120.00	30.00	0.00041	
-120.00	25.00	0.00043	-120.00	20.00	0.00045	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:29:17

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00047	-120.00	15.00	0.00048
-120.00	13.00	0.00049	-120.00	11.00	0.00051
-120.00	9.00	0.00053	-120.00	-9.00	0.00077
-120.00	-11.00	0.00080	-120.00	-13.00	0.00082
-120.00	-15.00	0.00084	-120.00	-17.00	0.00086
-120.00	-20.00	0.00089	-120.00	-25.00	0.00094
-120.00	-30.00	0.00098	-120.00	-40.00	0.00104
-120.00	-50.00	0.00106	-120.00	-60.00	0.00104
-120.00	-70.00	0.00100	-120.00	-80.00	0.00095
-120.00	-90.00	0.00090	-120.00	-100.00	0.00084
-110.00	100.00	0.00034	-110.00	90.00	0.00034
-110.00	80.00	0.00035	-110.00	70.00	0.00036
-110.00	60.00	0.00037	-110.00	50.00	0.00039
-110.00	40.00	0.00042	-110.00	30.00	0.00046
-110.00	25.00	0.00048	-110.00	20.00	0.00051
-110.00	17.00	0.00053	-110.00	15.00	0.00055
-110.00	13.00	0.00056	-110.00	11.00	0.00058
-110.00	9.00	0.00061	-110.00	-9.00	0.00092
-110.00	-11.00	0.00095	-110.00	-13.00	0.00098
-110.00	-15.00	0.00100	-110.00	-17.00	0.00103
-110.00	-20.00	0.00106	-110.00	-25.00	0.00112
-110.00	-30.00	0.00117	-110.00	-40.00	0.00123
-110.00	-50.00	0.00123	-110.00	-60.00	0.00119
-110.00	-70.00	0.00113	-110.00	-80.00	0.00106
-110.00	-90.00	0.00099	-110.00	-100.00	0.00092
-100.00	100.00	0.00040	-100.00	90.00	0.00041
-100.00	80.00	0.00042	-100.00	70.00	0.00043
-100.00	60.00	0.00044	-100.00	50.00	0.00045
-100.00	40.00	0.00048	-100.00	30.00	0.00052
-100.00	25.00	0.00055	-100.00	20.00	0.00059
-100.00	17.00	0.00061	-100.00	15.00	0.00063
-100.00	13.00	0.00065	-100.00	11.00	0.00067
-100.00	9.00	0.00070	-100.00	-9.00	0.00110
-100.00	-11.00	0.00114	-100.00	-13.00	0.00118
-100.00	-15.00	0.00121	-100.00	-17.00	0.00124
-100.00	-20.00	0.00129	-100.00	-25.00	0.00136
-100.00	-30.00	0.00141	-100.00	-40.00	0.00146

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-100.00	-50.00	0.00143	-100.00	-60.00	0.00136
-100.00	-70.00	0.00128	-100.00	-80.00	0.00119
-100.00	-90.00	0.00110	-100.00	-100.00	0.00102

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00049	-90.00	90.00	0.00050
-90.00	80.00	0.00051	-90.00	70.00	0.00052
-90.00	60.00	0.00053	-90.00	50.00	0.00054
-90.00	40.00	0.00057	-90.00	30.00	0.00061
-90.00	25.00	0.00064	-90.00	20.00	0.00068
-90.00	17.00	0.00071	-90.00	15.00	0.00073
-90.00	13.00	0.00075	-90.00	11.00	0.00078
-90.00	9.00	0.00081	-90.00	-9.00	0.00134
-90.00	-11.00	0.00139	-90.00	-13.00	0.00144
-90.00	-15.00	0.00148	-90.00	-17.00	0.00153
-90.00	-20.00	0.00159	-90.00	-25.00	0.00167
-90.00	-30.00	0.00172	-90.00	-40.00	0.00173
-90.00	-50.00	0.00166	-90.00	-60.00	0.00156
-90.00	-70.00	0.00144	-90.00	-80.00	0.00133
-90.00	-90.00	0.00122	-90.00	-100.00	0.00112
-80.00	100.00	0.00062	-80.00	90.00	0.00063
-80.00	80.00	0.00064	-80.00	70.00	0.00065
-80.00	60.00	0.00066	-80.00	50.00	0.00067
-80.00	40.00	0.00069	-80.00	30.00	0.00072
-80.00	25.00	0.00075	-80.00	20.00	0.00079
-80.00	17.00	0.00083	-80.00	15.00	0.00085
-80.00	13.00	0.00088	-80.00	11.00	0.00092
-80.00	9.00	0.00096	-80.00	-9.00	0.00166
-80.00	-11.00	0.00173	-80.00	-13.00	0.00180
-80.00	-15.00	0.00186	-80.00	-17.00	0.00192
-80.00	-20.00	0.00199	-80.00	-25.00	0.00206
-80.00	-30.00	0.00209	-80.00	-40.00	0.00205
-80.00	-50.00	0.00194	-80.00	-60.00	0.00179
-80.00	-70.00	0.00164	-80.00	-80.00	0.00149
-80.00	-90.00	0.00136	-80.00	-100.00	0.00123
-70.00	100.00	0.00080	-70.00	90.00	0.00083

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-70.00	80.00	0.00085	-70.00	70.00	0.00088
-70.00	60.00	0.00089	-70.00	50.00	0.00089
-70.00	40.00	0.00089	-70.00	30.00	0.00089
-70.00	25.00	0.00091	-70.00	20.00	0.00095
-70.00	17.00	0.00098	-70.00	15.00	0.00100
-70.00	13.00	0.00104	-70.00	11.00	0.00108
-70.00	9.00	0.00113	-70.00	-9.00	0.00211
-70.00	-11.00	0.00221	-70.00	-13.00	0.00230
-70.00	-15.00	0.00237	-70.00	-17.00	0.00243

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00250	-70.00	-25.00	0.00255
-70.00	-30.00	0.00254	-70.00	-40.00	0.00244
-70.00	-50.00	0.00226	-70.00	-60.00	0.00206
-70.00	-70.00	0.00186	-70.00	-80.00	0.00167
-70.00	-90.00	0.00149	-70.00	-100.00	0.00134
-60.00	100.00	0.00103	-60.00	90.00	0.00109
-60.00	80.00	0.00116	-60.00	70.00	0.00122
-60.00	60.00	0.00127	-60.00	50.00	0.00130
-60.00	40.00	0.00130	-60.00	30.00	0.00125
-60.00	25.00	0.00123	-60.00	20.00	0.00121
-60.00	17.00	0.00122	-60.00	15.00	0.00124
-60.00	13.00	0.00126	-60.00	11.00	0.00130
-60.00	9.00	0.00135	-60.00	-9.00	0.00277
-60.00	-11.00	0.00290	-60.00	-13.00	0.00299
-60.00	-15.00	0.00306	-60.00	-17.00	0.00310
-60.00	-20.00	0.00314	-60.00	-25.00	0.00315
-60.00	-30.00	0.00310	-60.00	-40.00	0.00290
-60.00	-50.00	0.00263	-60.00	-60.00	0.00234
-60.00	-70.00	0.00207	-60.00	-80.00	0.00182
-60.00	-90.00	0.00161	-60.00	-100.00	0.00143
-50.00	100.00	0.00128	-50.00	90.00	0.00140
-50.00	80.00	0.00153	-50.00	70.00	0.00167
-50.00	60.00	0.00183	-50.00	50.00	0.00198
-50.00	40.00	0.00212	-50.00	30.00	0.00219
-50.00	25.00	0.00218	-50.00	20.00	0.00212

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-50.00	17.00	0.00206	-50.00	15.00	0.00200
-50.00	13.00	0.00195	-50.00	11.00	0.00191
-50.00	9.00	0.00188	-50.00	-9.00	0.00388
-50.00	-11.00	0.00395	-50.00	-13.00	0.00399
-50.00	-15.00	0.00401	-50.00	-17.00	0.00401
-50.00	-20.00	0.00398	-50.00	-25.00	0.00388
-50.00	-30.00	0.00373	-50.00	-40.00	0.00336
-50.00	-50.00	0.00295	-50.00	-60.00	0.00257
-50.00	-70.00	0.00223	-50.00	-80.00	0.00194
-50.00	-90.00	0.00170	-50.00	-100.00	0.00149
-40.00	100.00	0.00151	-40.00	90.00	0.00167
-40.00	80.00	0.00187	-40.00	70.00	0.00210
-40.00	60.00	0.00237	-40.00	50.00	0.00267
-40.00	40.00	0.00302	-40.00	30.00	0.00341
-40.00	25.00	0.00362	-40.00	20.00	0.00383

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:

PAGE 71

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00396	-40.00	15.00	0.00404
-40.00	13.00	0.00413	-40.00	11.00	0.00424
-40.00	9.00	0.00438	-40.00	-9.00	0.00508
-40.00	-11.00	0.00498	-40.00	-13.00	0.00490
-40.00	-15.00	0.00482	-40.00	-17.00	0.00474
-40.00	-20.00	0.00462	-40.00	-25.00	0.00440
-40.00	-30.00	0.00416	-40.00	-40.00	0.00365
-40.00	-50.00	0.00315	-40.00	-60.00	0.00270
-40.00	-70.00	0.00233	-40.00	-80.00	0.00201
-40.00	-90.00	0.00174	-40.00	-100.00	0.00152
-30.00	100.00	0.00169	-30.00	90.00	0.00190
-30.00	80.00	0.00214	-30.00	70.00	0.00243
-30.00	60.00	0.00278	-30.00	50.00	0.00319
-30.00	40.00	0.00367	-30.00	30.00	0.00422
-30.00	25.00	0.00452	-30.00	20.00	0.00482
-30.00	17.00	0.00498	-30.00	15.00	0.00508
-30.00	13.00	0.00518	-30.00	11.00	0.00526
-30.00	9.00	0.00536	-30.00	-9.00	0.00528
-30.00	-11.00	0.00518	-30.00	-13.00	0.00510

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-30.00	-15.00	0.00502	-30.00	-17.00	0.00494
-30.00	-20.00	0.00482	-30.00	-25.00	0.00458
-30.00	-30.00	0.00431	-30.00	-40.00	0.00374
-30.00	-50.00	0.00321	-30.00	-60.00	0.00274
-30.00	-70.00	0.00234	-30.00	-80.00	0.00201
-30.00	-90.00	0.00173	-30.00	-100.00	0.00150
-20.00	100.00	0.00183	-20.00	90.00	0.00207
-20.00	80.00	0.00235	-20.00	70.00	0.00269
-20.00	60.00	0.00309	-20.00	50.00	0.00355
-20.00	40.00	0.00410	-20.00	30.00	0.00470
-20.00	25.00	0.00502	-20.00	20.00	0.00532
-20.00	17.00	0.00547	-20.00	15.00	0.00555
-20.00	13.00	0.00562	-20.00	11.00	0.00567
-20.00	9.00	0.00573	-20.00	-9.00	0.00530
-20.00	-11.00	0.00519	-20.00	-13.00	0.00509
-20.00	-15.00	0.00501	-20.00	-17.00	0.00492
-20.00	-20.00	0.00479	-20.00	-25.00	0.00454
-20.00	-30.00	0.00427	-20.00	-40.00	0.00370
-20.00	-50.00	0.00317	-20.00	-60.00	0.00270
-20.00	-70.00	0.00230	-20.00	-80.00	0.00196
-20.00	-90.00	0.00169	-20.00	-100.00	0.00146

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTs:
 PAGE 72
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00193	-10.00	90.00	0.00219
-10.00	80.00	0.00249	-10.00	70.00	0.00286
-10.00	60.00	0.00328	-10.00	50.00	0.00379
-10.00	40.00	0.00436	-10.00	30.00	0.00498
-10.00	25.00	0.00528	-10.00	20.00	0.00556
-10.00	17.00	0.00569	-10.00	15.00	0.00576
-10.00	13.00	0.00582	-10.00	11.00	0.00585
-10.00	9.00	0.00588	-10.00	-9.00	0.00521
-10.00	-11.00	0.00509	-10.00	-13.00	0.00499
-10.00	-15.00	0.00489	-10.00	-17.00	0.00479
-10.00	-20.00	0.00464	-10.00	-25.00	0.00437
-10.00	-30.00	0.00409	-10.00	-40.00	0.00354
-10.00	-50.00	0.00303	-10.00	-60.00	0.00258

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-10.00	-70.00	0.00219	-10.00	-80.00	0.00187
-10.00	-90.00	0.00160	-10.00	-100.00	0.00138
0.00	100.00	0.00196	0.00	90.00	0.00224
0.00	80.00	0.00256	0.00	70.00	0.00294
0.00	60.00	0.00339	0.00	50.00	0.00391
0.00	40.00	0.00450	0.00	30.00	0.00511
0.00	25.00	0.00540	0.00	20.00	0.00566
0.00	17.00	0.00578	0.00	15.00	0.00584
0.00	13.00	0.00588	0.00	11.00	0.00589
0.00	9.00	0.00591	0.00	-9.00	0.00503
0.00	-11.00	0.00489	0.00	-13.00	0.00477
0.00	-15.00	0.00466	0.00	-17.00	0.00455
0.00	-20.00	0.00439	0.00	-25.00	0.00410
0.00	-30.00	0.00382	0.00	-40.00	0.00329
0.00	-50.00	0.00281	0.00	-60.00	0.00239
0.00	-70.00	0.00203	0.00	-80.00	0.00173
0.00	-90.00	0.00148	0.00	-100.00	0.00127
10.00	100.00	0.00194	10.00	90.00	0.00222
10.00	80.00	0.00255	10.00	70.00	0.00294
10.00	60.00	0.00340	10.00	50.00	0.00393
10.00	40.00	0.00452	10.00	30.00	0.00513
10.00	25.00	0.00543	10.00	20.00	0.00567
10.00	17.00	0.00578	10.00	15.00	0.00583
10.00	13.00	0.00585	10.00	11.00	0.00585
10.00	9.00	0.00585	10.00	-9.00	0.00473
10.00	-11.00	0.00457	10.00	-13.00	0.00443
10.00	-15.00	0.00430	10.00	-17.00	0.00418

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTs:
 PAGE 73

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00400	10.00	-25.00	0.00371
10.00	-30.00	0.00344	10.00	-40.00	0.00295
10.00	-50.00	0.00251	10.00	-60.00	0.00213
10.00	-70.00	0.00181	10.00	-80.00	0.00154
10.00	-90.00	0.00132	10.00	-100.00	0.00113
20.00	100.00	0.00184	20.00	90.00	0.00211
20.00	80.00	0.00243	20.00	70.00	0.00282

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

20.00	60.00	0.00328	20.00	50.00	0.00382
20.00	40.00	0.00442	20.00	30.00	0.00505
20.00	25.00	0.00534	20.00	20.00	0.00559
20.00	17.00	0.00570	20.00	15.00	0.00574
20.00	13.00	0.00575	20.00	11.00	0.00574
20.00	9.00	0.00572	20.00	-9.00	0.00427
20.00	-11.00	0.00408	20.00	-13.00	0.00392
20.00	-15.00	0.00377	20.00	-17.00	0.00364
20.00	-20.00	0.00346	20.00	-25.00	0.00320
20.00	-30.00	0.00296	20.00	-40.00	0.00252
20.00	-50.00	0.00213	20.00	-60.00	0.00180
20.00	-70.00	0.00153	20.00	-80.00	0.00131
20.00	-90.00	0.00113	20.00	-100.00	0.00099
30.00	100.00	0.00166	30.00	90.00	0.00190
30.00	80.00	0.00219	30.00	70.00	0.00254
30.00	60.00	0.00296	30.00	50.00	0.00347
30.00	40.00	0.00407	30.00	30.00	0.00474
30.00	25.00	0.00508	30.00	20.00	0.00537
30.00	17.00	0.00548	30.00	15.00	0.00553
30.00	13.00	0.00555	30.00	11.00	0.00555
30.00	9.00	0.00552	30.00	-9.00	0.00358
30.00	-11.00	0.00335	30.00	-13.00	0.00318
30.00	-15.00	0.00304	30.00	-17.00	0.00293
30.00	-20.00	0.00277	30.00	-25.00	0.00255
30.00	-30.00	0.00234	30.00	-40.00	0.00199
30.00	-50.00	0.00169	30.00	-60.00	0.00145
30.00	-70.00	0.00125	30.00	-80.00	0.00108
30.00	-90.00	0.00095	30.00	-100.00	0.00084
40.00	100.00	0.00145	40.00	90.00	0.00164
40.00	80.00	0.00187	40.00	70.00	0.00214
40.00	60.00	0.00245	40.00	50.00	0.00283
40.00	40.00	0.00328	40.00	30.00	0.00383
40.00	25.00	0.00414	40.00	20.00	0.00447

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTs:
 PAGE 74
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00465	40.00	15.00	0.00477

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

40.00	13.00	0.00487	40.00	11.00	0.00494
40.00	9.00	0.00499	40.00	-9.00	0.00242
40.00	-11.00	0.00224	40.00	-13.00	0.00211
40.00	-15.00	0.00202	40.00	-17.00	0.00194
40.00	-20.00	0.00185	40.00	-25.00	0.00173
40.00	-30.00	0.00162	40.00	-40.00	0.00143
40.00	-50.00	0.00126	40.00	-60.00	0.00111
40.00	-70.00	0.00098	40.00	-80.00	0.00087
40.00	-90.00	0.00078	40.00	-100.00	0.00070
50.00	100.00	0.00125	50.00	90.00	0.00139
50.00	80.00	0.00155	50.00	70.00	0.00173
50.00	60.00	0.00193	50.00	50.00	0.00216
50.00	40.00	0.00239	50.00	30.00	0.00261
50.00	25.00	0.00270	50.00	20.00	0.00275
50.00	17.00	0.00274	50.00	15.00	0.00271
50.00	13.00	0.00266	50.00	11.00	0.00258
50.00	9.00	0.00247	50.00	-9.00	0.00111
50.00	-11.00	0.00111	50.00	-13.00	0.00111
50.00	-15.00	0.00111	50.00	-17.00	0.00111
50.00	-20.00	0.00110	50.00	-25.00	0.00109
50.00	-30.00	0.00107	50.00	-40.00	0.00100
50.00	-50.00	0.00093	50.00	-60.00	0.00085
50.00	-70.00	0.00077	50.00	-80.00	0.00070
50.00	-90.00	0.00063	50.00	-100.00	0.00058
60.00	100.00	0.00107	60.00	90.00	0.00117
60.00	80.00	0.00128	60.00	70.00	0.00140
60.00	60.00	0.00152	60.00	50.00	0.00164
60.00	40.00	0.00173	60.00	30.00	0.00178
60.00	25.00	0.00178	60.00	20.00	0.00173
60.00	17.00	0.00168	60.00	15.00	0.00163
60.00	13.00	0.00157	60.00	11.00	0.00151
60.00	9.00	0.00143	60.00	-9.00	0.00079
60.00	-11.00	0.00078	60.00	-13.00	0.00077
60.00	-15.00	0.00077	60.00	-17.00	0.00076
60.00	-20.00	0.00076	60.00	-25.00	0.00076
60.00	-30.00	0.00075	60.00	-40.00	0.00073
60.00	-50.00	0.00070	60.00	-60.00	0.00065
60.00	-70.00	0.00061	60.00	-80.00	0.00056
60.00	-90.00	0.00052	60.00	-100.00	0.00048

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:29:17

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
70.00	100.00	0.00091	70.00	90.00	0.00098	
70.00	80.00	0.00105	70.00	70.00	0.00112	
70.00	60.00	0.00119	70.00	50.00	0.00125	
70.00	40.00	0.00128	70.00	30.00	0.00126	
70.00	25.00	0.00123	70.00	20.00	0.00117	
70.00	17.00	0.00113	70.00	15.00	0.00110	
70.00	13.00	0.00106	70.00	11.00	0.00102	
70.00	9.00	0.00098	70.00	-9.00	0.00061	
70.00	-11.00	0.00060	70.00	-13.00	0.00060	
70.00	-15.00	0.00060	70.00	-17.00	0.00059	
70.00	-20.00	0.00059	70.00	-25.00	0.00058	
70.00	-30.00	0.00057	70.00	-40.00	0.00055	
70.00	-50.00	0.00053	70.00	-60.00	0.00051	
70.00	-70.00	0.00048	70.00	-80.00	0.00046	
70.00	-90.00	0.00043	70.00	-100.00	0.00040	
80.00	100.00	0.00077	80.00	90.00	0.00082	
80.00	80.00	0.00086	80.00	70.00	0.00091	
80.00	60.00	0.00094	80.00	50.00	0.00097	
80.00	40.00	0.00096	80.00	30.00	0.00093	
80.00	25.00	0.00090	80.00	20.00	0.00085	
80.00	17.00	0.00082	80.00	15.00	0.00080	
80.00	13.00	0.00078	80.00	11.00	0.00075	
80.00	9.00	0.00073	80.00	-9.00	0.00049	
80.00	-11.00	0.00048	80.00	-13.00	0.00048	
80.00	-15.00	0.00047	80.00	-17.00	0.00047	
80.00	-20.00	0.00047	80.00	-25.00	0.00047	
80.00	-30.00	0.00046	80.00	-40.00	0.00044	
80.00	-50.00	0.00042	80.00	-60.00	0.00041	
80.00	-70.00	0.00039	80.00	-80.00	0.00037	
80.00	-90.00	0.00035	80.00	-100.00	0.00034	
90.00	100.00	0.00065	90.00	90.00	0.00069	
90.00	80.00	0.00072	90.00	70.00	0.00074	
90.00	60.00	0.00076	90.00	50.00	0.00076	
90.00	40.00	0.00074	90.00	30.00	0.00071	
90.00	25.00	0.00068	90.00	20.00	0.00065	
90.00	17.00	0.00063	90.00	15.00	0.00061	
90.00	13.00	0.00060	90.00	11.00	0.00058	
90.00	9.00	0.00057	90.00	-9.00	0.00040	
90.00	-11.00	0.00039	90.00	-13.00	0.00039	

90.00 -15.00 0.00038 90.00 -17.00 0.00038

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:
 PAGE 76

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00038	90.00	-25.00	0.00038
90.00	-30.00	0.00038	90.00	-40.00	0.00037
90.00	-50.00	0.00035	90.00	-60.00	0.00033
90.00	-70.00	0.00032	90.00	-80.00	0.00031
90.00	-90.00	0.00029	90.00	-100.00	0.00028
100.00	100.00	0.00056	100.00	90.00	0.00058
100.00	80.00	0.00060	100.00	70.00	0.00061
100.00	60.00	0.00061	100.00	50.00	0.00061
100.00	40.00	0.00059	100.00	30.00	0.00056
100.00	25.00	0.00054	100.00	20.00	0.00051
100.00	17.00	0.00050	100.00	15.00	0.00049
100.00	13.00	0.00048	100.00	11.00	0.00047
100.00	9.00	0.00045	100.00	-9.00	0.00033
100.00	-11.00	0.00032	100.00	-13.00	0.00032
100.00	-15.00	0.00032	100.00	-17.00	0.00032
100.00	-20.00	0.00032	100.00	-25.00	0.00032
100.00	-30.00	0.00032	100.00	-40.00	0.00031
100.00	-50.00	0.00030	100.00	-60.00	0.00028
100.00	-70.00	0.00027	100.00	-80.00	0.00026
100.00	-90.00	0.00025	100.00	-100.00	0.00024
110.00	100.00	0.00048	110.00	90.00	0.00049
110.00	80.00	0.00050	110.00	70.00	0.00050
110.00	60.00	0.00050	110.00	50.00	0.00049
110.00	40.00	0.00048	110.00	30.00	0.00045
110.00	25.00	0.00043	110.00	20.00	0.00042
110.00	17.00	0.00041	110.00	15.00	0.00040
110.00	13.00	0.00039	110.00	11.00	0.00038
110.00	9.00	0.00037	110.00	-9.00	0.00028
110.00	-11.00	0.00027	110.00	-13.00	0.00027
110.00	-15.00	0.00027	110.00	-17.00	0.00026
110.00	-20.00	0.00026	110.00	-25.00	0.00026
110.00	-30.00	0.00027	110.00	-40.00	0.00026
110.00	-50.00	0.00026	110.00	-60.00	0.00025

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

110.00	-70.00	0.00023	110.00	-80.00	0.00022
110.00	-90.00	0.00021	110.00	-100.00	0.00021
120.00	100.00	0.00041	120.00	90.00	0.00042
120.00	80.00	0.00042	120.00	70.00	0.00042
120.00	60.00	0.00042	120.00	50.00	0.00041
120.00	40.00	0.00040	120.00	30.00	0.00037
120.00	25.00	0.00036	120.00	20.00	0.00034

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00034	120.00	15.00	0.00033
120.00	13.00	0.00033	120.00	11.00	0.00032
120.00	9.00	0.00031	120.00	-9.00	0.00024
120.00	-11.00	0.00023	120.00	-13.00	0.00023
120.00	-15.00	0.00023	120.00	-17.00	0.00023
120.00	-20.00	0.00022	120.00	-25.00	0.00022
120.00	-30.00	0.00023	120.00	-40.00	0.00023
120.00	-50.00	0.00022	120.00	-60.00	0.00022
120.00	-70.00	0.00021	120.00	-80.00	0.00020
120.00	-90.00	0.00019	120.00	-100.00	0.00018
130.00	100.00	0.00036	130.00	90.00	0.00036
130.00	80.00	0.00036	130.00	70.00	0.00036
130.00	60.00	0.00035	130.00	50.00	0.00035
130.00	40.00	0.00033	130.00	30.00	0.00031
130.00	25.00	0.00030	130.00	20.00	0.00029
130.00	17.00	0.00028	130.00	15.00	0.00028
130.00	13.00	0.00028	130.00	11.00	0.00027
130.00	9.00	0.00027	130.00	-9.00	0.00021
130.00	-11.00	0.00020	130.00	-13.00	0.00020
130.00	-15.00	0.00020	130.00	-17.00	0.00019
130.00	-20.00	0.00019	130.00	-25.00	0.00019
130.00	-30.00	0.00019	130.00	-40.00	0.00019
130.00	-50.00	0.00019	130.00	-60.00	0.00019
130.00	-70.00	0.00018	130.00	-80.00	0.00018
130.00	-90.00	0.00017	130.00	-100.00	0.00016
140.00	100.00	0.00031	140.00	90.00	0.00031
140.00	80.00	0.00031	140.00	70.00	0.00031

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

140.00	60.00	0.00030	140.00	50.00	0.00029
140.00	40.00	0.00028	140.00	30.00	0.00026
140.00	25.00	0.00026	140.00	20.00	0.00025
140.00	17.00	0.00024	140.00	15.00	0.00024
140.00	13.00	0.00024	140.00	11.00	0.00023
140.00	9.00	0.00023	140.00	-9.00	0.00018
140.00	-11.00	0.00018	140.00	-13.00	0.00017
140.00	-15.00	0.00017	140.00	-17.00	0.00017
140.00	-20.00	0.00017	140.00	-25.00	0.00017
140.00	-30.00	0.00017	140.00	-40.00	0.00017
140.00	-50.00	0.00017	140.00	-60.00	0.00017
140.00	-70.00	0.00016	140.00	-80.00	0.00016
140.00	-90.00	0.00015	140.00	-100.00	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00027	150.00	90.00	0.00027
150.00	80.00	0.00027	150.00	70.00	0.00027
150.00	60.00	0.00026	150.00	50.00	0.00025
150.00	40.00	0.00024	150.00	30.00	0.00023
150.00	25.00	0.00022	150.00	20.00	0.00022
150.00	17.00	0.00021	150.00	15.00	0.00021
150.00	13.00	0.00021	150.00	11.00	0.00020
150.00	9.00	0.00020	150.00	-9.00	0.00016
150.00	-11.00	0.00016	150.00	-13.00	0.00015
150.00	-15.00	0.00015	150.00	-17.00	0.00015
150.00	-20.00	0.00015	150.00	-25.00	0.00015
150.00	-30.00	0.00015	150.00	-40.00	0.00015
150.00	-50.00	0.00015	150.00	-60.00	0.00015
150.00	-70.00	0.00014	150.00	-80.00	0.00014
150.00	-90.00	0.00014	150.00	-100.00	0.00013
160.00	100.00	0.00024	160.00	90.00	0.00024
160.00	80.00	0.00024	160.00	70.00	0.00023
160.00	60.00	0.00023	160.00	50.00	0.00022
160.00	40.00	0.00021	160.00	30.00	0.00020
160.00	25.00	0.00019	160.00	20.00	0.00019
160.00	17.00	0.00019	160.00	15.00	0.00018

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

160.00	13.00	0.00018	160.00	11.00	0.00018
160.00	9.00	0.00018	160.00	-9.00	0.00014
160.00	-11.00	0.00014	160.00	-13.00	0.00014
160.00	-15.00	0.00013	160.00	-17.00	0.00013
160.00	-20.00	0.00013	160.00	-25.00	0.00013
160.00	-30.00	0.00013	160.00	-40.00	0.00013
160.00	-50.00	0.00013	160.00	-60.00	0.00013
160.00	-70.00	0.00013	160.00	-80.00	0.00013
160.00	-90.00	0.00012	160.00	-100.00	0.00012
170.00	100.00	0.00021	170.00	90.00	0.00021
170.00	80.00	0.00021	170.00	70.00	0.00020
170.00	60.00	0.00020	170.00	50.00	0.00019
170.00	40.00	0.00018	170.00	30.00	0.00017
170.00	25.00	0.00017	170.00	20.00	0.00017
170.00	17.00	0.00016	170.00	15.00	0.00016
170.00	13.00	0.00016	170.00	11.00	0.00016
170.00	9.00	0.00016	170.00	-9.00	0.00013
170.00	-11.00	0.00013	170.00	-13.00	0.00012
170.00	-15.00	0.00012	170.00	-17.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00012	170.00	-25.00	0.00012
170.00	-30.00	0.00011	170.00	-40.00	0.00012
170.00	-50.00	0.00012	170.00	-60.00	0.00012
170.00	-70.00	0.00012	170.00	-80.00	0.00011
170.00	-90.00	0.00011	170.00	-100.00	0.00011
180.00	100.00	0.00019	180.00	90.00	0.00019
180.00	80.00	0.00018	180.00	70.00	0.00018
180.00	60.00	0.00018	180.00	50.00	0.00017
180.00	40.00	0.00016	180.00	30.00	0.00015
180.00	25.00	0.00015	180.00	20.00	0.00015
180.00	17.00	0.00015	180.00	15.00	0.00014
180.00	13.00	0.00014	180.00	11.00	0.00014
180.00	9.00	0.00014	180.00	-9.00	0.00011
180.00	-11.00	0.00011	180.00	-13.00	0.00011
180.00	-15.00	0.00011	180.00	-17.00	0.00011

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

180.00	-20.00	0.00011	180.00	-25.00	0.00010
180.00	-30.00	0.00010	180.00	-40.00	0.00010
180.00	-50.00	0.00010	180.00	-60.00	0.00010
180.00	-70.00	0.00010	180.00	-80.00	0.00010
180.00	-90.00	0.00010	180.00	-100.00	0.00010
190.00	100.00	0.00017	190.00	90.00	0.00017
190.00	80.00	0.00017	190.00	70.00	0.00016
190.00	60.00	0.00016	190.00	50.00	0.00015
190.00	40.00	0.00014	190.00	30.00	0.00014
190.00	25.00	0.00014	190.00	20.00	0.00013
190.00	17.00	0.00013	190.00	15.00	0.00013
190.00	13.00	0.00013	190.00	11.00	0.00013
190.00	9.00	0.00012	190.00	-9.00	0.00010
190.00	-11.00	0.00010	190.00	-13.00	0.00010
190.00	-15.00	0.00010	190.00	-17.00	0.00010
190.00	-20.00	0.00010	190.00	-25.00	0.00009
190.00	-30.00	0.00009	190.00	-40.00	0.00009
190.00	-50.00	0.00009	190.00	-60.00	0.00009
190.00	-70.00	0.00009	190.00	-80.00	0.00009
190.00	-90.00	0.00009	190.00	-100.00	0.00009
200.00	100.00	0.00015	200.00	90.00	0.00015
200.00	80.00	0.00015	200.00	70.00	0.00014
200.00	60.00	0.00014	200.00	50.00	0.00013
200.00	40.00	0.00013	200.00	30.00	0.00012
200.00	25.00	0.00012	200.00	20.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 , ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00012	200.00	15.00	0.00012
200.00	13.00	0.00012	200.00	11.00	0.00011
200.00	9.00	0.00011	200.00	-9.00	0.00009
200.00	-11.00	0.00009	200.00	-13.00	0.00009
200.00	-15.00	0.00009	200.00	-17.00	0.00009
200.00	-20.00	0.00009	200.00	-25.00	0.00009
200.00	-30.00	0.00008	200.00	-40.00	0.00008
200.00	-50.00	0.00009	200.00	-60.00	0.00009
200.00	-70.00	0.00009	200.00	-80.00	0.00009

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

200.00	-90.00	0.00008	200.00	-100.00	0.00008
210.00	100.00	0.00014	210.00	90.00	0.00014
210.00	80.00	0.00013	210.00	70.00	0.00013
210.00	60.00	0.00013	210.00	50.00	0.00012
210.00	40.00	0.00012	210.00	30.00	0.00011
210.00	25.00	0.00011	210.00	20.00	0.00011
210.00	17.00	0.00011	210.00	15.00	0.00011
210.00	13.00	0.00010	210.00	11.00	0.00010
210.00	9.00	0.00010	210.00	-9.00	0.00009
210.00	-11.00	0.00009	210.00	-13.00	0.00008
210.00	-15.00	0.00008	210.00	-17.00	0.00008
210.00	-20.00	0.00008	210.00	-25.00	0.00008
210.00	-30.00	0.00008	210.00	-40.00	0.00008
210.00	-50.00	0.00008	210.00	-60.00	0.00008
210.00	-70.00	0.00008	210.00	-80.00	0.00008
210.00	-90.00	0.00008	210.00	-100.00	0.00008
220.00	100.00	0.00013	220.00	90.00	0.00012
220.00	80.00	0.00012	220.00	70.00	0.00012
220.00	60.00	0.00011	220.00	50.00	0.00011
220.00	40.00	0.00011	220.00	30.00	0.00010
220.00	25.00	0.00010	220.00	20.00	0.00010
220.00	17.00	0.00010	220.00	15.00	0.00010
220.00	13.00	0.00010	220.00	11.00	0.00009
220.00	9.00	0.00009	220.00	-9.00	0.00008
220.00	-11.00	0.00008	220.00	-13.00	0.00008
220.00	-15.00	0.00008	220.00	-17.00	0.00007
220.00	-20.00	0.00007	220.00	-25.00	0.00007
220.00	-30.00	0.00007	220.00	-40.00	0.00007
220.00	-50.00	0.00007	220.00	-60.00	0.00007
220.00	-70.00	0.00007	220.00	-80.00	0.00007
220.00	-90.00	0.00007	220.00	-100.00	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00011	230.00	90.00	0.00011
230.00	80.00	0.00011	230.00	70.00	0.00011
230.00	60.00	0.00010	230.00	50.00	0.00010

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

230.00	40.00	0.00010	230.00	30.00	0.00009
230.00	25.00	0.00009	230.00	20.00	0.00009
230.00	17.00	0.00009	230.00	15.00	0.00009
230.00	13.00	0.00009	230.00	11.00	0.00009
230.00	9.00	0.00008	230.00	-9.00	0.00007
230.00	-11.00	0.00007	230.00	-13.00	0.00007
230.00	-15.00	0.00007	230.00	-17.00	0.00007
230.00	-20.00	0.00007	230.00	-25.00	0.00007
230.00	-30.00	0.00006	230.00	-40.00	0.00006
230.00	-50.00	0.00006	230.00	-60.00	0.00007
230.00	-70.00	0.00007	230.00	-80.00	0.00007
230.00	-90.00	0.00007	230.00	-100.00	0.00007
240.00	100.00	0.00010	240.00	90.00	0.00010
240.00	80.00	0.00010	240.00	70.00	0.00010
240.00	60.00	0.00009	240.00	50.00	0.00009
240.00	40.00	0.00009	240.00	30.00	0.00009
240.00	25.00	0.00008	240.00	20.00	0.00008
240.00	17.00	0.00008	240.00	15.00	0.00008
240.00	13.00	0.00008	240.00	11.00	0.00008
240.00	9.00	0.00008	240.00	-9.00	0.00007
240.00	-11.00	0.00007	240.00	-13.00	0.00007
240.00	-15.00	0.00006	240.00	-17.00	0.00006
240.00	-20.00	0.00006	240.00	-25.00	0.00006
240.00	-30.00	0.00006	240.00	-40.00	0.00006
240.00	-50.00	0.00006	240.00	-60.00	0.00006
240.00	-70.00	0.00006	240.00	-80.00	0.00006
240.00	-90.00	0.00006	240.00	-100.00	0.00006
250.00	100.00	0.00010	250.00	90.00	0.00009
250.00	80.00	0.00009	250.00	70.00	0.00009
250.00	60.00	0.00009	250.00	50.00	0.00008
250.00	40.00	0.00008	250.00	30.00	0.00008
250.00	25.00	0.00008	250.00	20.00	0.00008
250.00	17.00	0.00008	250.00	15.00	0.00007
250.00	13.00	0.00007	250.00	11.00	0.00007
250.00	9.00	0.00007	250.00	-9.00	0.00006
250.00	-11.00	0.00006	250.00	-13.00	0.00006
250.00	-15.00	0.00006	250.00	-17.00	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

09NCRA_NAPA00-300 DPM TRAV ANN E-W Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00006	250.00	-25.00	0.00006
250.00	-30.00	0.00006	250.00	-40.00	0.00005
250.00	-50.00	0.00005	250.00	-60.00	0.00006
250.00	-70.00	0.00006	250.00	-80.00	0.00006
250.00	-90.00	0.00006	250.00	-100.00	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00018	-250.00	90.00	0.00018
-250.00	80.00	0.00019	-250.00	70.00	0.00020
-250.00	60.00	0.00021	-250.00	50.00	0.00022
-250.00	40.00	0.00024	-250.00	30.00	0.00026
-250.00	25.00	0.00027	-250.00	20.00	0.00028
-250.00	17.00	0.00029	-250.00	15.00	0.00030
-250.00	13.00	0.00031	-250.00	11.00	0.00032
-250.00	9.00	0.00033	-250.00	-9.00	0.00044
-250.00	-11.00	0.00045	-250.00	-13.00	0.00046
-250.00	-15.00	0.00047	-250.00	-17.00	0.00048
-250.00	-20.00	0.00050	-250.00	-25.00	0.00052
-250.00	-30.00	0.00054	-250.00	-40.00	0.00057
-250.00	-50.00	0.00060	-250.00	-60.00	0.00062
-250.00	-70.00	0.00063	-250.00	-80.00	0.00062
-250.00	-90.00	0.00061	-250.00	-100.00	0.00058
-240.00	100.00	0.00020	-240.00	90.00	0.00020
-240.00	80.00	0.00021	-240.00	70.00	0.00022
-240.00	60.00	0.00023	-240.00	50.00	0.00025
-240.00	40.00	0.00027	-240.00	30.00	0.00029
-240.00	25.00	0.00030	-240.00	20.00	0.00032
-240.00	17.00	0.00033	-240.00	15.00	0.00034
-240.00	13.00	0.00034	-240.00	11.00	0.00035
-240.00	9.00	0.00037	-240.00	-9.00	0.00050
-240.00	-11.00	0.00051	-240.00	-13.00	0.00053
-240.00	-15.00	0.00054	-240.00	-17.00	0.00055
-240.00	-20.00	0.00057	-240.00	-25.00	0.00059

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-240.00	-30.00	0.00061	-240.00	-40.00	0.00066
-240.00	-50.00	0.00069	-240.00	-60.00	0.00071
-240.00	-70.00	0.00071	-240.00	-80.00	0.00069
-240.00	-90.00	0.00067	-240.00	-100.00	0.00064
-230.00	100.00	0.00022	-230.00	90.00	0.00023
-230.00	80.00	0.00023	-230.00	70.00	0.00024
-230.00	60.00	0.00026	-230.00	50.00	0.00027
-230.00	40.00	0.00030	-230.00	30.00	0.00032
-230.00	25.00	0.00034	-230.00	20.00	0.00035
-230.00	17.00	0.00037	-230.00	15.00	0.00038
-230.00	13.00	0.00039	-230.00	11.00	0.00040
-230.00	9.00	0.00041	-230.00	-9.00	0.00057
-230.00	-11.00	0.00059	-230.00	-13.00	0.00061
-230.00	-15.00	0.00062	-230.00	-17.00	0.00063

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:

PAGE 84

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00065	-230.00	-25.00	0.00068
-230.00	-30.00	0.00071	-230.00	-40.00	0.00076
-230.00	-50.00	0.00079	-230.00	-60.00	0.00080
-230.00	-70.00	0.00079	-230.00	-80.00	0.00077
-230.00	-90.00	0.00073	-230.00	-100.00	0.00070
-220.00	100.00	0.00025	-220.00	90.00	0.00026
-220.00	80.00	0.00027	-220.00	70.00	0.00027
-220.00	60.00	0.00029	-220.00	50.00	0.00030
-220.00	40.00	0.00033	-220.00	30.00	0.00036
-220.00	25.00	0.00038	-220.00	20.00	0.00040
-220.00	17.00	0.00041	-220.00	15.00	0.00042
-220.00	13.00	0.00043	-220.00	11.00	0.00045
-220.00	9.00	0.00046	-220.00	-9.00	0.00066
-220.00	-11.00	0.00068	-220.00	-13.00	0.00070
-220.00	-15.00	0.00072	-220.00	-17.00	0.00074
-220.00	-20.00	0.00076	-220.00	-25.00	0.00079
-220.00	-30.00	0.00083	-220.00	-40.00	0.00088
-220.00	-50.00	0.00092	-220.00	-60.00	0.00092
-220.00	-70.00	0.00089	-220.00	-80.00	0.00085
-220.00	-90.00	0.00081	-220.00	-100.00	0.00076

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-210.00	100.00	0.00029	-210.00	90.00	0.00030
-210.00	80.00	0.00030	-210.00	70.00	0.00031
-210.00	60.00	0.00032	-210.00	50.00	0.00034
-210.00	40.00	0.00037	-210.00	30.00	0.00041
-210.00	25.00	0.00043	-210.00	20.00	0.00045
-210.00	17.00	0.00047	-210.00	15.00	0.00048
-210.00	13.00	0.00049	-210.00	11.00	0.00051
-210.00	9.00	0.00053	-210.00	-9.00	0.00077
-210.00	-11.00	0.00080	-210.00	-13.00	0.00082
-210.00	-15.00	0.00084	-210.00	-17.00	0.00086
-210.00	-20.00	0.00089	-210.00	-25.00	0.00094
-210.00	-30.00	0.00098	-210.00	-40.00	0.00104
-210.00	-50.00	0.00106	-210.00	-60.00	0.00104
-210.00	-70.00	0.00100	-210.00	-80.00	0.00095
-210.00	-90.00	0.00090	-210.00	-100.00	0.00084
-200.00	100.00	0.00034	-200.00	90.00	0.00034
-200.00	80.00	0.00035	-200.00	70.00	0.00036
-200.00	60.00	0.00037	-200.00	50.00	0.00039
-200.00	40.00	0.00042	-200.00	30.00	0.00046
-200.00	25.00	0.00048	-200.00	20.00	0.00051

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTS:
 PAGE 85
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00053	-200.00	15.00	0.00055
-200.00	13.00	0.00056	-200.00	11.00	0.00058
-200.00	9.00	0.00061	-200.00	-9.00	0.00092
-200.00	-11.00	0.00095	-200.00	-13.00	0.00098
-200.00	-15.00	0.00100	-200.00	-17.00	0.00103
-200.00	-20.00	0.00106	-200.00	-25.00	0.00112
-200.00	-30.00	0.00117	-200.00	-40.00	0.00123
-200.00	-50.00	0.00123	-200.00	-60.00	0.00119
-200.00	-70.00	0.00113	-200.00	-80.00	0.00106
-200.00	-90.00	0.00099	-200.00	-100.00	0.00092
-190.00	100.00	0.00040	-190.00	90.00	0.00041
-190.00	80.00	0.00042	-190.00	70.00	0.00043
-190.00	60.00	0.00044	-190.00	50.00	0.00045
-190.00	40.00	0.00048	-190.00	30.00	0.00052

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-190.00	25.00	0.00055	-190.00	20.00	0.00059
-190.00	17.00	0.00061	-190.00	15.00	0.00063
-190.00	13.00	0.00065	-190.00	11.00	0.00067
-190.00	9.00	0.00070	-190.00	-9.00	0.00110
-190.00	-11.00	0.00114	-190.00	-13.00	0.00118
-190.00	-15.00	0.00121	-190.00	-17.00	0.00124
-190.00	-20.00	0.00129	-190.00	-25.00	0.00136
-190.00	-30.00	0.00141	-190.00	-40.00	0.00146
-190.00	-50.00	0.00143	-190.00	-60.00	0.00136
-190.00	-70.00	0.00128	-190.00	-80.00	0.00119
-190.00	-90.00	0.00110	-190.00	-100.00	0.00102
-180.00	100.00	0.00049	-180.00	90.00	0.00050
-180.00	80.00	0.00051	-180.00	70.00	0.00052
-180.00	60.00	0.00053	-180.00	50.00	0.00054
-180.00	40.00	0.00057	-180.00	30.00	0.00061
-180.00	25.00	0.00064	-180.00	20.00	0.00068
-180.00	17.00	0.00071	-180.00	15.00	0.00073
-180.00	13.00	0.00075	-180.00	11.00	0.00078
-180.00	9.00	0.00081	-180.00	-9.00	0.00134
-180.00	-11.00	0.00139	-180.00	-13.00	0.00144
-180.00	-15.00	0.00148	-180.00	-17.00	0.00153
-180.00	-20.00	0.00159	-180.00	-25.00	0.00167
-180.00	-30.00	0.00172	-180.00	-40.00	0.00173
-180.00	-50.00	0.00166	-180.00	-60.00	0.00156
-180.00	-70.00	0.00144	-180.00	-80.00	0.00133
-180.00	-90.00	0.00122	-180.00	-100.00	0.00112

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17
**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00062	-170.00	90.00	0.00063
-170.00	80.00	0.00064	-170.00	70.00	0.00065
-170.00	60.00	0.00066	-170.00	50.00	0.00067
-170.00	40.00	0.00069	-170.00	30.00	0.00072
-170.00	25.00	0.00075	-170.00	20.00	0.00079
-170.00	17.00	0.00083	-170.00	15.00	0.00085
-170.00	13.00	0.00088	-170.00	11.00	0.00092
-170.00	9.00	0.00096	-170.00	-9.00	0.00166

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-170.00	-11.00	0.00173	-170.00	-13.00	0.00180
-170.00	-15.00	0.00186	-170.00	-17.00	0.00192
-170.00	-20.00	0.00199	-170.00	-25.00	0.00206
-170.00	-30.00	0.00209	-170.00	-40.00	0.00205
-170.00	-50.00	0.00194	-170.00	-60.00	0.00179
-170.00	-70.00	0.00164	-170.00	-80.00	0.00149
-170.00	-90.00	0.00136	-170.00	-100.00	0.00123
-160.00	100.00	0.00080	-160.00	90.00	0.00083
-160.00	80.00	0.00085	-160.00	70.00	0.00088
-160.00	60.00	0.00089	-160.00	50.00	0.00089
-160.00	40.00	0.00089	-160.00	30.00	0.00089
-160.00	25.00	0.00091	-160.00	20.00	0.00095
-160.00	17.00	0.00098	-160.00	15.00	0.00100
-160.00	13.00	0.00104	-160.00	11.00	0.00108
-160.00	9.00	0.00113	-160.00	-9.00	0.00211
-160.00	-11.00	0.00221	-160.00	-13.00	0.00230
-160.00	-15.00	0.00237	-160.00	-17.00	0.00243
-160.00	-20.00	0.00250	-160.00	-25.00	0.00255
-160.00	-30.00	0.00254	-160.00	-40.00	0.00244
-160.00	-50.00	0.00226	-160.00	-60.00	0.00206
-160.00	-70.00	0.00186	-160.00	-80.00	0.00167
-160.00	-90.00	0.00149	-160.00	-100.00	0.00134
-150.00	100.00	0.00103	-150.00	90.00	0.00109
-150.00	80.00	0.00116	-150.00	70.00	0.00122
-150.00	60.00	0.00127	-150.00	50.00	0.00130
-150.00	40.00	0.00130	-150.00	30.00	0.00125
-150.00	25.00	0.00123	-150.00	20.00	0.00121
-150.00	17.00	0.00122	-150.00	15.00	0.00124
-150.00	13.00	0.00126	-150.00	11.00	0.00130
-150.00	9.00	0.00135	-150.00	-9.00	0.00277
-150.00	-11.00	0.00290	-150.00	-13.00	0.00299
-150.00	-15.00	0.00306	-150.00	-17.00	0.00310

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTS:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00314	-150.00	-25.00	0.00315
-150.00	-30.00	0.00310	-150.00	-40.00	0.00290

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-150.00	-50.00	0.00263	-150.00	-60.00	0.00234
-150.00	-70.00	0.00207	-150.00	-80.00	0.00182
-150.00	-90.00	0.00161	-150.00	-100.00	0.00143
-140.00	100.00	0.00128	-140.00	90.00	0.00140
-140.00	80.00	0.00153	-140.00	70.00	0.00167
-140.00	60.00	0.00183	-140.00	50.00	0.00198
-140.00	40.00	0.00212	-140.00	30.00	0.00219
-140.00	25.00	0.00218	-140.00	20.00	0.00212
-140.00	17.00	0.00206	-140.00	15.00	0.00200
-140.00	13.00	0.00195	-140.00	11.00	0.00191
-140.00	9.00	0.00188	-140.00	-9.00	0.00388
-140.00	-11.00	0.00395	-140.00	-13.00	0.00399
-140.00	-15.00	0.00401	-140.00	-17.00	0.00401
-140.00	-20.00	0.00398	-140.00	-25.00	0.00388
-140.00	-30.00	0.00373	-140.00	-40.00	0.00336
-140.00	-50.00	0.00295	-140.00	-60.00	0.00257
-140.00	-70.00	0.00223	-140.00	-80.00	0.00194
-140.00	-90.00	0.00170	-140.00	-100.00	0.00149
-130.00	100.00	0.00151	-130.00	90.00	0.00167
-130.00	80.00	0.00187	-130.00	70.00	0.00210
-130.00	60.00	0.00237	-130.00	50.00	0.00267
-130.00	40.00	0.00302	-130.00	30.00	0.00341
-130.00	25.00	0.00362	-130.00	20.00	0.00383
-130.00	17.00	0.00396	-130.00	15.00	0.00404
-130.00	13.00	0.00413	-130.00	11.00	0.00424
-130.00	9.00	0.00438	-130.00	-9.00	0.00508
-130.00	-11.00	0.00498	-130.00	-13.00	0.00490
-130.00	-15.00	0.00482	-130.00	-17.00	0.00474
-130.00	-20.00	0.00462	-130.00	-25.00	0.00440
-130.00	-30.00	0.00416	-130.00	-40.00	0.00365
-130.00	-50.00	0.00315	-130.00	-60.00	0.00270
-130.00	-70.00	0.00233	-130.00	-80.00	0.00201
-130.00	-90.00	0.00174	-130.00	-100.00	0.00152
-120.00	100.00	0.00169	-120.00	90.00	0.00190
-120.00	80.00	0.00214	-120.00	70.00	0.00243
-120.00	60.00	0.00278	-120.00	50.00	0.00319
-120.00	40.00	0.00367	-120.00	30.00	0.00422
-120.00	25.00	0.00452	-120.00	20.00	0.00482

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-120.00	17.00	0.00498	-120.00	15.00	0.00508	
-120.00	13.00	0.00518	-120.00	11.00	0.00526	
-120.00	9.00	0.00536	-120.00	-9.00	0.00528	
-120.00	-11.00	0.00518	-120.00	-13.00	0.00510	
-120.00	-15.00	0.00502	-120.00	-17.00	0.00494	
-120.00	-20.00	0.00482	-120.00	-25.00	0.00458	
-120.00	-30.00	0.00431	-120.00	-40.00	0.00374	
-120.00	-50.00	0.00321	-120.00	-60.00	0.00274	
-120.00	-70.00	0.00234	-120.00	-80.00	0.00201	
-120.00	-90.00	0.00173	-120.00	-100.00	0.00150	
-110.00	100.00	0.00183	-110.00	90.00	0.00207	
-110.00	80.00	0.00235	-110.00	70.00	0.00269	
-110.00	60.00	0.00309	-110.00	50.00	0.00355	
-110.00	40.00	0.00410	-110.00	30.00	0.00470	
-110.00	25.00	0.00502	-110.00	20.00	0.00532	
-110.00	17.00	0.00547	-110.00	15.00	0.00555	
-110.00	13.00	0.00562	-110.00	11.00	0.00567	
-110.00	9.00	0.00573	-110.00	-9.00	0.00530	
-110.00	-11.00	0.00519	-110.00	-13.00	0.00509	
-110.00	-15.00	0.00501	-110.00	-17.00	0.00492	
-110.00	-20.00	0.00479	-110.00	-25.00	0.00454	
-110.00	-30.00	0.00427	-110.00	-40.00	0.00370	
-110.00	-50.00	0.00317	-110.00	-60.00	0.00270	
-110.00	-70.00	0.00230	-110.00	-80.00	0.00196	
-110.00	-90.00	0.00169	-110.00	-100.00	0.00146	
-100.00	100.00	0.00193	-100.00	90.00	0.00219	
-100.00	80.00	0.00249	-100.00	70.00	0.00286	
-100.00	60.00	0.00328	-100.00	50.00	0.00379	
-100.00	40.00	0.00436	-100.00	30.00	0.00498	
-100.00	25.00	0.00528	-100.00	20.00	0.00556	
-100.00	17.00	0.00569	-100.00	15.00	0.00576	
-100.00	13.00	0.00582	-100.00	11.00	0.00585	
-100.00	9.00	0.00588	-100.00	-9.00	0.00521	
-100.00	-11.00	0.00509	-100.00	-13.00	0.00499	
-100.00	-15.00	0.00489	-100.00	-17.00	0.00479	
-100.00	-20.00	0.00464	-100.00	-25.00	0.00437	
-100.00	-30.00	0.00409	-100.00	-40.00	0.00354	
-100.00	-50.00	0.00303	-100.00	-60.00	0.00258	
-100.00	-70.00	0.00219	-100.00	-80.00	0.00187	
-100.00	-90.00	0.00160	-100.00	-100.00	0.00138	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:29:17

**MODELOPTs:

PAGE 89

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00196	-90.00	90.00	0.00224
-90.00	80.00	0.00256	-90.00	70.00	0.00294
-90.00	60.00	0.00339	-90.00	50.00	0.00391
-90.00	40.00	0.00450	-90.00	30.00	0.00511
-90.00	25.00	0.00540	-90.00	20.00	0.00566
-90.00	17.00	0.00578	-90.00	15.00	0.00584
-90.00	13.00	0.00588	-90.00	11.00	0.00589
-90.00	9.00	0.00591	-90.00	-9.00	0.00503
-90.00	-11.00	0.00489	-90.00	-13.00	0.00477
-90.00	-15.00	0.00466	-90.00	-17.00	0.00455
-90.00	-20.00	0.00439	-90.00	-25.00	0.00410
-90.00	-30.00	0.00382	-90.00	-40.00	0.00329
-90.00	-50.00	0.00281	-90.00	-60.00	0.00239
-90.00	-70.00	0.00203	-90.00	-80.00	0.00173
-90.00	-90.00	0.00148	-90.00	-100.00	0.00127
-80.00	100.00	0.00194	-80.00	90.00	0.00222
-80.00	80.00	0.00255	-80.00	70.00	0.00294
-80.00	60.00	0.00340	-80.00	50.00	0.00393
-80.00	40.00	0.00452	-80.00	30.00	0.00513
-80.00	25.00	0.00543	-80.00	20.00	0.00567
-80.00	17.00	0.00578	-80.00	15.00	0.00583
-80.00	13.00	0.00585	-80.00	11.00	0.00585
-80.00	9.00	0.00585	-80.00	-9.00	0.00473
-80.00	-11.00	0.00457	-80.00	-13.00	0.00443
-80.00	-15.00	0.00430	-80.00	-17.00	0.00418
-80.00	-20.00	0.00400	-80.00	-25.00	0.00371
-80.00	-30.00	0.00344	-80.00	-40.00	0.00295
-80.00	-50.00	0.00251	-80.00	-60.00	0.00213
-80.00	-70.00	0.00181	-80.00	-80.00	0.00154
-80.00	-90.00	0.00132	-80.00	-100.00	0.00113
-70.00	100.00	0.00184	-70.00	90.00	0.00211
-70.00	80.00	0.00243	-70.00	70.00	0.00282
-70.00	60.00	0.00328	-70.00	50.00	0.00382
-70.00	40.00	0.00442	-70.00	30.00	0.00505

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-70.00	25.00	0.00534	-70.00	20.00	0.00559
-70.00	17.00	0.00570	-70.00	15.00	0.00574
-70.00	13.00	0.00575	-70.00	11.00	0.00574
-70.00	9.00	0.00572	-70.00	-9.00	0.00427
-70.00	-11.00	0.00408	-70.00	-13.00	0.00392
-70.00	-15.00	0.00377	-70.00	-17.00	0.00364

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00346	-70.00	-25.00	0.00320
-70.00	-30.00	0.00296	-70.00	-40.00	0.00252
-70.00	-50.00	0.00213	-70.00	-60.00	0.00180
-70.00	-70.00	0.00153	-70.00	-80.00	0.00131
-70.00	-90.00	0.00113	-70.00	-100.00	0.00099
-60.00	100.00	0.00166	-60.00	90.00	0.00190
-60.00	80.00	0.00219	-60.00	70.00	0.00254
-60.00	60.00	0.00296	-60.00	50.00	0.00347
-60.00	40.00	0.00407	-60.00	30.00	0.00474
-60.00	25.00	0.00508	-60.00	20.00	0.00537
-60.00	17.00	0.00548	-60.00	15.00	0.00553
-60.00	13.00	0.00555	-60.00	11.00	0.00555
-60.00	9.00	0.00552	-60.00	-9.00	0.00358
-60.00	-11.00	0.00335	-60.00	-13.00	0.00318
-60.00	-15.00	0.00304	-60.00	-17.00	0.00293
-60.00	-20.00	0.00277	-60.00	-25.00	0.00255
-60.00	-30.00	0.00234	-60.00	-40.00	0.00199
-60.00	-50.00	0.00169	-60.00	-60.00	0.00145
-60.00	-70.00	0.00125	-60.00	-80.00	0.00108
-60.00	-90.00	0.00095	-60.00	-100.00	0.00084
-50.00	100.00	0.00145	-50.00	90.00	0.00164
-50.00	80.00	0.00187	-50.00	70.00	0.00214
-50.00	60.00	0.00245	-50.00	50.00	0.00283
-50.00	40.00	0.00328	-50.00	30.00	0.00383
-50.00	25.00	0.00414	-50.00	20.00	0.00447
-50.00	17.00	0.00465	-50.00	15.00	0.00477
-50.00	13.00	0.00487	-50.00	11.00	0.00494
-50.00	9.00	0.00499	-50.00	-9.00	0.00242

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-50.00	-11.00	0.00224	-50.00	-13.00	0.00211
-50.00	-15.00	0.00202	-50.00	-17.00	0.00194
-50.00	-20.00	0.00185	-50.00	-25.00	0.00173
-50.00	-30.00	0.00162	-50.00	-40.00	0.00143
-50.00	-50.00	0.00126	-50.00	-60.00	0.00111
-50.00	-70.00	0.00098	-50.00	-80.00	0.00087
-50.00	-90.00	0.00078	-50.00	-100.00	0.00070
-40.00	100.00	0.00125	-40.00	90.00	0.00139
-40.00	80.00	0.00155	-40.00	70.00	0.00173
-40.00	60.00	0.00193	-40.00	50.00	0.00216
-40.00	40.00	0.00239	-40.00	30.00	0.00261
-40.00	25.00	0.00270	-40.00	20.00	0.00275

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00274	-40.00	15.00	0.00271
-40.00	13.00	0.00266	-40.00	11.00	0.00258
-40.00	9.00	0.00247	-40.00	-9.00	0.00111
-40.00	-11.00	0.00111	-40.00	-13.00	0.00111
-40.00	-15.00	0.00111	-40.00	-17.00	0.00111
-40.00	-20.00	0.00110	-40.00	-25.00	0.00109
-40.00	-30.00	0.00107	-40.00	-40.00	0.00100
-40.00	-50.00	0.00093	-40.00	-60.00	0.00085
-40.00	-70.00	0.00077	-40.00	-80.00	0.00070
-40.00	-90.00	0.00063	-40.00	-100.00	0.00058
-30.00	100.00	0.00107	-30.00	90.00	0.00117
-30.00	80.00	0.00128	-30.00	70.00	0.00140
-30.00	60.00	0.00152	-30.00	50.00	0.00164
-30.00	40.00	0.00173	-30.00	30.00	0.00178
-30.00	25.00	0.00178	-30.00	20.00	0.00173
-30.00	17.00	0.00168	-30.00	15.00	0.00163
-30.00	13.00	0.00157	-30.00	11.00	0.00151
-30.00	9.00	0.00143	-30.00	-9.00	0.00079
-30.00	-11.00	0.00078	-30.00	-13.00	0.00077
-30.00	-15.00	0.00077	-30.00	-17.00	0.00076
-30.00	-20.00	0.00076	-30.00	-25.00	0.00076
-30.00	-30.00	0.00075	-30.00	-40.00	0.00073

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-30.00	-50.00	0.00070	-30.00	-60.00	0.00065
-30.00	-70.00	0.00061	-30.00	-80.00	0.00056
-30.00	-90.00	0.00052	-30.00	-100.00	0.00048
-20.00	100.00	0.00091	-20.00	90.00	0.00098
-20.00	80.00	0.00105	-20.00	70.00	0.00112
-20.00	60.00	0.00119	-20.00	50.00	0.00125
-20.00	40.00	0.00128	-20.00	30.00	0.00126
-20.00	25.00	0.00123	-20.00	20.00	0.00117
-20.00	17.00	0.00113	-20.00	15.00	0.00110
-20.00	13.00	0.00106	-20.00	11.00	0.00102
-20.00	9.00	0.00098	-20.00	-9.00	0.00061
-20.00	-11.00	0.00060	-20.00	-13.00	0.00060
-20.00	-15.00	0.00060	-20.00	-17.00	0.00059
-20.00	-20.00	0.00059	-20.00	-25.00	0.00058
-20.00	-30.00	0.00057	-20.00	-40.00	0.00055
-20.00	-50.00	0.00053	-20.00	-60.00	0.00051
-20.00	-70.00	0.00048	-20.00	-80.00	0.00046
-20.00	-90.00	0.00043	-20.00	-100.00	0.00040

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00077	-10.00	90.00	0.00082
-10.00	80.00	0.00086	-10.00	70.00	0.00091
-10.00	60.00	0.00094	-10.00	50.00	0.00097
-10.00	40.00	0.00096	-10.00	30.00	0.00093
-10.00	25.00	0.00090	-10.00	20.00	0.00085
-10.00	17.00	0.00082	-10.00	15.00	0.00080
-10.00	13.00	0.00078	-10.00	11.00	0.00075
-10.00	9.00	0.00073	-10.00	-9.00	0.00049
-10.00	-11.00	0.00048	-10.00	-13.00	0.00048
-10.00	-15.00	0.00047	-10.00	-17.00	0.00047
-10.00	-20.00	0.00047	-10.00	-25.00	0.00047
-10.00	-30.00	0.00046	-10.00	-40.00	0.00044
-10.00	-50.00	0.00042	-10.00	-60.00	0.00041
-10.00	-70.00	0.00039	-10.00	-80.00	0.00037
-10.00	-90.00	0.00035	-10.00	-100.00	0.00034
0.00	100.00	0.00065	0.00	90.00	0.00069

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

0.00	80.00	0.00072	0.00	70.00	0.00074
0.00	60.00	0.00076	0.00	50.00	0.00076
0.00	40.00	0.00074	0.00	30.00	0.00071
0.00	25.00	0.00068	0.00	20.00	0.00065
0.00	17.00	0.00063	0.00	15.00	0.00061
0.00	13.00	0.00060	0.00	11.00	0.00058
0.00	9.00	0.00057	0.00	-9.00	0.00040
0.00	-11.00	0.00039	0.00	-13.00	0.00039
0.00	-15.00	0.00038	0.00	-17.00	0.00038
0.00	-20.00	0.00038	0.00	-25.00	0.00038
0.00	-30.00	0.00038	0.00	-40.00	0.00037
0.00	-50.00	0.00035	0.00	-60.00	0.00033
0.00	-70.00	0.00032	0.00	-80.00	0.00031
0.00	-90.00	0.00029	0.00	-100.00	0.00028
10.00	100.00	0.00056	10.00	90.00	0.00058
10.00	80.00	0.00060	10.00	70.00	0.00061
10.00	60.00	0.00061	10.00	50.00	0.00061
10.00	40.00	0.00059	10.00	30.00	0.00056
10.00	25.00	0.00054	10.00	20.00	0.00051
10.00	17.00	0.00050	10.00	15.00	0.00049
10.00	13.00	0.00048	10.00	11.00	0.00047
10.00	9.00	0.00045	10.00	-9.00	0.00033
10.00	-11.00	0.00032	10.00	-13.00	0.00032
10.00	-15.00	0.00032	10.00	-17.00	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00032	10.00	-25.00	0.00032
10.00	-30.00	0.00032	10.00	-40.00	0.00031
10.00	-50.00	0.00030	10.00	-60.00	0.00028
10.00	-70.00	0.00027	10.00	-80.00	0.00026
10.00	-90.00	0.00025	10.00	-100.00	0.00024
20.00	100.00	0.00048	20.00	90.00	0.00049
20.00	80.00	0.00050	20.00	70.00	0.00050
20.00	60.00	0.00050	20.00	50.00	0.00049
20.00	40.00	0.00048	20.00	30.00	0.00045
20.00	25.00	0.00043	20.00	20.00	0.00042

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

20.00	17.00	0.00041	20.00	15.00	0.00040
20.00	13.00	0.00039	20.00	11.00	0.00038
20.00	9.00	0.00037	20.00	-9.00	0.00028
20.00	-11.00	0.00027	20.00	-13.00	0.00027
20.00	-15.00	0.00027	20.00	-17.00	0.00026
20.00	-20.00	0.00026	20.00	-25.00	0.00026
20.00	-30.00	0.00027	20.00	-40.00	0.00026
20.00	-50.00	0.00026	20.00	-60.00	0.00025
20.00	-70.00	0.00023	20.00	-80.00	0.00022
20.00	-90.00	0.00021	20.00	-100.00	0.00021
30.00	100.00	0.00041	30.00	90.00	0.00042
30.00	80.00	0.00042	30.00	70.00	0.00042
30.00	60.00	0.00042	30.00	50.00	0.00041
30.00	40.00	0.00040	30.00	30.00	0.00037
30.00	25.00	0.00036	30.00	20.00	0.00034
30.00	17.00	0.00034	30.00	15.00	0.00033
30.00	13.00	0.00033	30.00	11.00	0.00032
30.00	9.00	0.00031	30.00	-9.00	0.00024
30.00	-11.00	0.00023	30.00	-13.00	0.00023
30.00	-15.00	0.00023	30.00	-17.00	0.00023
30.00	-20.00	0.00022	30.00	-25.00	0.00022
30.00	-30.00	0.00023	30.00	-40.00	0.00023
30.00	-50.00	0.00022	30.00	-60.00	0.00022
30.00	-70.00	0.00021	30.00	-80.00	0.00020
30.00	-90.00	0.00019	30.00	-100.00	0.00018
40.00	100.00	0.00036	40.00	90.00	0.00036
40.00	80.00	0.00036	40.00	70.00	0.00036
40.00	60.00	0.00035	40.00	50.00	0.00035
40.00	40.00	0.00033	40.00	30.00	0.00031
40.00	25.00	0.00030	40.00	20.00	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00028	40.00	15.00	0.00028
40.00	13.00	0.00028	40.00	11.00	0.00027
40.00	9.00	0.00027	40.00	-9.00	0.00021
40.00	-11.00	0.00020	40.00	-13.00	0.00020

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

40.00	-15.00	0.00020	40.00	-17.00	0.00019
40.00	-20.00	0.00019	40.00	-25.00	0.00019
40.00	-30.00	0.00019	40.00	-40.00	0.00019
40.00	-50.00	0.00019	40.00	-60.00	0.00019
40.00	-70.00	0.00018	40.00	-80.00	0.00018
40.00	-90.00	0.00017	40.00	-100.00	0.00016
50.00	100.00	0.00031	50.00	90.00	0.00031
50.00	80.00	0.00031	50.00	70.00	0.00031
50.00	60.00	0.00030	50.00	50.00	0.00029
50.00	40.00	0.00028	50.00	30.00	0.00026
50.00	25.00	0.00026	50.00	20.00	0.00025
50.00	17.00	0.00024	50.00	15.00	0.00024
50.00	13.00	0.00024	50.00	11.00	0.00023
50.00	9.00	0.00023	50.00	-9.00	0.00018
50.00	-11.00	0.00018	50.00	-13.00	0.00017
50.00	-15.00	0.00017	50.00	-17.00	0.00017
50.00	-20.00	0.00017	50.00	-25.00	0.00017
50.00	-30.00	0.00017	50.00	-40.00	0.00017
50.00	-50.00	0.00017	50.00	-60.00	0.00017
50.00	-70.00	0.00016	50.00	-80.00	0.00016
50.00	-90.00	0.00015	50.00	-100.00	0.00014
60.00	100.00	0.00027	60.00	90.00	0.00027
60.00	80.00	0.00027	60.00	70.00	0.00027
60.00	60.00	0.00026	60.00	50.00	0.00025
60.00	40.00	0.00024	60.00	30.00	0.00023
60.00	25.00	0.00022	60.00	20.00	0.00022
60.00	17.00	0.00021	60.00	15.00	0.00021
60.00	13.00	0.00021	60.00	11.00	0.00020
60.00	9.00	0.00020	60.00	-9.00	0.00016
60.00	-11.00	0.00016	60.00	-13.00	0.00015
60.00	-15.00	0.00015	60.00	-17.00	0.00015
60.00	-20.00	0.00015	60.00	-25.00	0.00015
60.00	-30.00	0.00015	60.00	-40.00	0.00015
60.00	-50.00	0.00015	60.00	-60.00	0.00015
60.00	-70.00	0.00014	60.00	-80.00	0.00014
60.00	-90.00	0.00014	60.00	-100.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00024	70.00	90.00	0.00024
70.00	80.00	0.00024	70.00	70.00	0.00023
70.00	60.00	0.00023	70.00	50.00	0.00022
70.00	40.00	0.00021	70.00	30.00	0.00020
70.00	25.00	0.00019	70.00	20.00	0.00019
70.00	17.00	0.00019	70.00	15.00	0.00018
70.00	13.00	0.00018	70.00	11.00	0.00018
70.00	9.00	0.00018	70.00	-9.00	0.00014
70.00	-11.00	0.00014	70.00	-13.00	0.00014
70.00	-15.00	0.00013	70.00	-17.00	0.00013
70.00	-20.00	0.00013	70.00	-25.00	0.00013
70.00	-30.00	0.00013	70.00	-40.00	0.00013
70.00	-50.00	0.00013	70.00	-60.00	0.00013
70.00	-70.00	0.00013	70.00	-80.00	0.00013
70.00	-90.00	0.00012	70.00	-100.00	0.00012
80.00	100.00	0.00021	80.00	90.00	0.00021
80.00	80.00	0.00021	80.00	70.00	0.00020
80.00	60.00	0.00020	80.00	50.00	0.00019
80.00	40.00	0.00018	80.00	30.00	0.00017
80.00	25.00	0.00017	80.00	20.00	0.00017
80.00	17.00	0.00016	80.00	15.00	0.00016
80.00	13.00	0.00016	80.00	11.00	0.00016
80.00	9.00	0.00016	80.00	-9.00	0.00013
80.00	-11.00	0.00013	80.00	-13.00	0.00012
80.00	-15.00	0.00012	80.00	-17.00	0.00012
80.00	-20.00	0.00012	80.00	-25.00	0.00012
80.00	-30.00	0.00011	80.00	-40.00	0.00012
80.00	-50.00	0.00012	80.00	-60.00	0.00012
80.00	-70.00	0.00012	80.00	-80.00	0.00011
80.00	-90.00	0.00011	80.00	-100.00	0.00011
90.00	100.00	0.00019	90.00	90.00	0.00019
90.00	80.00	0.00018	90.00	70.00	0.00018
90.00	60.00	0.00018	90.00	50.00	0.00017
90.00	40.00	0.00016	90.00	30.00	0.00015
90.00	25.00	0.00015	90.00	20.00	0.00015
90.00	17.00	0.00015	90.00	15.00	0.00014
90.00	13.00	0.00014	90.00	11.00	0.00014
90.00	9.00	0.00014	90.00	-9.00	0.00011
90.00	-11.00	0.00011	90.00	-13.00	0.00011
90.00	-15.00	0.00011	90.00	-17.00	0.00011

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

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**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00011	90.00	-25.00	0.00010
90.00	-30.00	0.00010	90.00	-40.00	0.00010
90.00	-50.00	0.00010	90.00	-60.00	0.00010
90.00	-70.00	0.00010	90.00	-80.00	0.00010
90.00	-90.00	0.00010	90.00	-100.00	0.00010
100.00	100.00	0.00017	100.00	90.00	0.00017
100.00	80.00	0.00017	100.00	70.00	0.00016
100.00	60.00	0.00016	100.00	50.00	0.00015
100.00	40.00	0.00014	100.00	30.00	0.00014
100.00	25.00	0.00014	100.00	20.00	0.00013
100.00	17.00	0.00013	100.00	15.00	0.00013
100.00	13.00	0.00013	100.00	11.00	0.00013
100.00	9.00	0.00012	100.00	-9.00	0.00010
100.00	-11.00	0.00010	100.00	-13.00	0.00010
100.00	-15.00	0.00010	100.00	-17.00	0.00010
100.00	-20.00	0.00010	100.00	-25.00	0.00009
100.00	-30.00	0.00009	100.00	-40.00	0.00009
100.00	-50.00	0.00009	100.00	-60.00	0.00009
100.00	-70.00	0.00009	100.00	-80.00	0.00009
100.00	-90.00	0.00009	100.00	-100.00	0.00009
110.00	100.00	0.00015	110.00	90.00	0.00015
110.00	80.00	0.00015	110.00	70.00	0.00014
110.00	60.00	0.00014	110.00	50.00	0.00013
110.00	40.00	0.00013	110.00	30.00	0.00012
110.00	25.00	0.00012	110.00	20.00	0.00012
110.00	17.00	0.00012	110.00	15.00	0.00012
110.00	13.00	0.00012	110.00	11.00	0.00011
110.00	9.00	0.00011	110.00	-9.00	0.00009
110.00	-11.00	0.00009	110.00	-13.00	0.00009
110.00	-15.00	0.00009	110.00	-17.00	0.00009
110.00	-20.00	0.00009	110.00	-25.00	0.00009
110.00	-30.00	0.00008	110.00	-40.00	0.00008
110.00	-50.00	0.00009	110.00	-60.00	0.00009
110.00	-70.00	0.00009	110.00	-80.00	0.00009
110.00	-90.00	0.00008	110.00	-100.00	0.00008
120.00	100.00	0.00014	120.00	90.00	0.00014

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

120.00	80.00	0.00013	120.00	70.00	0.00013
120.00	60.00	0.00013	120.00	50.00	0.00012
120.00	40.00	0.00012	120.00	30.00	0.00011
120.00	25.00	0.00011	120.00	20.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00011	120.00	15.00	0.00011
120.00	13.00	0.00010	120.00	11.00	0.00010
120.00	9.00	0.00010	120.00	-9.00	0.00009
120.00	-11.00	0.00009	120.00	-13.00	0.00008
120.00	-15.00	0.00008	120.00	-17.00	0.00008
120.00	-20.00	0.00008	120.00	-25.00	0.00008
120.00	-30.00	0.00008	120.00	-40.00	0.00008
120.00	-50.00	0.00008	120.00	-60.00	0.00008
120.00	-70.00	0.00008	120.00	-80.00	0.00008
120.00	-90.00	0.00008	120.00	-100.00	0.00008
130.00	100.00	0.00013	130.00	90.00	0.00012
130.00	80.00	0.00012	130.00	70.00	0.00012
130.00	60.00	0.00011	130.00	50.00	0.00011
130.00	40.00	0.00011	130.00	30.00	0.00010
130.00	25.00	0.00010	130.00	20.00	0.00010
130.00	17.00	0.00010	130.00	15.00	0.00010
130.00	13.00	0.00010	130.00	11.00	0.00009
130.00	9.00	0.00009	130.00	-9.00	0.00008
130.00	-11.00	0.00008	130.00	-13.00	0.00008
130.00	-15.00	0.00008	130.00	-17.00	0.00007
130.00	-20.00	0.00007	130.00	-25.00	0.00007
130.00	-30.00	0.00007	130.00	-40.00	0.00007
130.00	-50.00	0.00007	130.00	-60.00	0.00007
130.00	-70.00	0.00007	130.00	-80.00	0.00007
130.00	-90.00	0.00007	130.00	-100.00	0.00007
140.00	100.00	0.00011	140.00	90.00	0.00011
140.00	80.00	0.00011	140.00	70.00	0.00011
140.00	60.00	0.00010	140.00	50.00	0.00010
140.00	40.00	0.00010	140.00	30.00	0.00009
140.00	25.00	0.00009	140.00	20.00	0.00009

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

140.00	17.00	0.00009	140.00	15.00	0.00009
140.00	13.00	0.00009	140.00	11.00	0.00009
140.00	9.00	0.00008	140.00	-9.00	0.00007
140.00	-11.00	0.00007	140.00	-13.00	0.00007
140.00	-15.00	0.00007	140.00	-17.00	0.00007
140.00	-20.00	0.00007	140.00	-25.00	0.00007
140.00	-30.00	0.00006	140.00	-40.00	0.00006
140.00	-50.00	0.00006	140.00	-60.00	0.00007
140.00	-70.00	0.00007	140.00	-80.00	0.00007
140.00	-90.00	0.00007	140.00	-100.00	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00010	150.00	90.00	0.00010
150.00	80.00	0.00010	150.00	70.00	0.00010
150.00	60.00	0.00009	150.00	50.00	0.00009
150.00	40.00	0.00009	150.00	30.00	0.00009
150.00	25.00	0.00008	150.00	20.00	0.00008
150.00	17.00	0.00008	150.00	15.00	0.00008
150.00	13.00	0.00008	150.00	11.00	0.00008
150.00	9.00	0.00008	150.00	-9.00	0.00007
150.00	-11.00	0.00007	150.00	-13.00	0.00007
150.00	-15.00	0.00006	150.00	-17.00	0.00006
150.00	-20.00	0.00006	150.00	-25.00	0.00006
150.00	-30.00	0.00006	150.00	-40.00	0.00006
150.00	-50.00	0.00006	150.00	-60.00	0.00006
150.00	-70.00	0.00006	150.00	-80.00	0.00006
150.00	-90.00	0.00006	150.00	-100.00	0.00006
160.00	100.00	0.00010	160.00	90.00	0.00009
160.00	80.00	0.00009	160.00	70.00	0.00009
160.00	60.00	0.00009	160.00	50.00	0.00008
160.00	40.00	0.00008	160.00	30.00	0.00008
160.00	25.00	0.00008	160.00	20.00	0.00008
160.00	17.00	0.00008	160.00	15.00	0.00007
160.00	13.00	0.00007	160.00	11.00	0.00007
160.00	9.00	0.00007	160.00	-9.00	0.00006
160.00	-11.00	0.00006	160.00	-13.00	0.00006

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

160.00	-15.00	0.00006	160.00	-17.00	0.00006
160.00	-20.00	0.00006	160.00	-25.00	0.00006
160.00	-30.00	0.00006	160.00	-40.00	0.00005
160.00	-50.00	0.00005	160.00	-60.00	0.00006
160.00	-70.00	0.00006	160.00	-80.00	0.00006
160.00	-90.00	0.00006	160.00	-100.00	0.00006
170.00	100.00	0.00009	170.00	90.00	0.00009
170.00	80.00	0.00008	170.00	70.00	0.00008
170.00	60.00	0.00008	170.00	50.00	0.00008
170.00	40.00	0.00008	170.00	30.00	0.00007
170.00	25.00	0.00007	170.00	20.00	0.00007
170.00	17.00	0.00007	170.00	15.00	0.00007
170.00	13.00	0.00007	170.00	11.00	0.00007
170.00	9.00	0.00007	170.00	-9.00	0.00006
170.00	-11.00	0.00006	170.00	-13.00	0.00006
170.00	-15.00	0.00006	170.00	-17.00	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00005	170.00	-25.00	0.00005
170.00	-30.00	0.00005	170.00	-40.00	0.00005
170.00	-50.00	0.00005	170.00	-60.00	0.00005
170.00	-70.00	0.00005	170.00	-80.00	0.00005
170.00	-90.00	0.00005	170.00	-100.00	0.00005
180.00	100.00	0.00008	180.00	90.00	0.00008
180.00	80.00	0.00008	180.00	70.00	0.00008
180.00	60.00	0.00007	180.00	50.00	0.00007
180.00	40.00	0.00007	180.00	30.00	0.00007
180.00	25.00	0.00007	180.00	20.00	0.00007
180.00	17.00	0.00006	180.00	15.00	0.00006
180.00	13.00	0.00006	180.00	11.00	0.00006
180.00	9.00	0.00006	180.00	-9.00	0.00005
180.00	-11.00	0.00005	180.00	-13.00	0.00005
180.00	-15.00	0.00005	180.00	-17.00	0.00005
180.00	-20.00	0.00005	180.00	-25.00	0.00005
180.00	-30.00	0.00005	180.00	-40.00	0.00005
180.00	-50.00	0.00005	180.00	-60.00	0.00005

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

180.00	-70.00	0.00005	180.00	-80.00	0.00005
180.00	-90.00	0.00005	180.00	-100.00	0.00005
190.00	100.00	0.00008	190.00	90.00	0.00007
190.00	80.00	0.00007	190.00	70.00	0.00007
190.00	60.00	0.00007	190.00	50.00	0.00007
190.00	40.00	0.00006	190.00	30.00	0.00006
190.00	25.00	0.00006	190.00	20.00	0.00006
190.00	17.00	0.00006	190.00	15.00	0.00006
190.00	13.00	0.00006	190.00	11.00	0.00006
190.00	9.00	0.00006	190.00	-9.00	0.00005
190.00	-11.00	0.00005	190.00	-13.00	0.00005
190.00	-15.00	0.00005	190.00	-17.00	0.00005
190.00	-20.00	0.00005	190.00	-25.00	0.00005
190.00	-30.00	0.00005	190.00	-40.00	0.00004
190.00	-50.00	0.00004	190.00	-60.00	0.00004
190.00	-70.00	0.00004	190.00	-80.00	0.00005
190.00	-90.00	0.00005	190.00	-100.00	0.00005
200.00	100.00	0.00007	200.00	90.00	0.00007
200.00	80.00	0.00007	200.00	70.00	0.00007
200.00	60.00	0.00006	200.00	50.00	0.00006
200.00	40.00	0.00006	200.00	30.00	0.00006
200.00	25.00	0.00006	200.00	20.00	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00006	200.00	15.00	0.00006
200.00	13.00	0.00006	200.00	11.00	0.00005
200.00	9.00	0.00005	200.00	-9.00	0.00005
200.00	-11.00	0.00005	200.00	-13.00	0.00005
200.00	-15.00	0.00005	200.00	-17.00	0.00005
200.00	-20.00	0.00004	200.00	-25.00	0.00004
200.00	-30.00	0.00004	200.00	-40.00	0.00004
200.00	-50.00	0.00004	200.00	-60.00	0.00004
200.00	-70.00	0.00004	200.00	-80.00	0.00004
200.00	-90.00	0.00004	200.00	-100.00	0.00004
210.00	100.00	0.00007	210.00	90.00	0.00006
210.00	80.00	0.00006	210.00	70.00	0.00006

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

210.00	60.00	0.00006	210.00	50.00	0.00006
210.00	40.00	0.00006	210.00	30.00	0.00006
210.00	25.00	0.00005	210.00	20.00	0.00005
210.00	17.00	0.00005	210.00	15.00	0.00005
210.00	13.00	0.00005	210.00	11.00	0.00005
210.00	9.00	0.00005	210.00	-9.00	0.00004
210.00	-11.00	0.00004	210.00	-13.00	0.00004
210.00	-15.00	0.00004	210.00	-17.00	0.00004
210.00	-20.00	0.00004	210.00	-25.00	0.00004
210.00	-30.00	0.00004	210.00	-40.00	0.00004
210.00	-50.00	0.00004	210.00	-60.00	0.00004
210.00	-70.00	0.00004	210.00	-80.00	0.00004
210.00	-90.00	0.00004	210.00	-100.00	0.00004
220.00	100.00	0.00006	220.00	90.00	0.00006
220.00	80.00	0.00006	220.00	70.00	0.00006
220.00	60.00	0.00006	220.00	50.00	0.00005
220.00	40.00	0.00005	220.00	30.00	0.00005
220.00	25.00	0.00005	220.00	20.00	0.00005
220.00	17.00	0.00005	220.00	15.00	0.00005
220.00	13.00	0.00005	220.00	11.00	0.00005
220.00	9.00	0.00005	220.00	-9.00	0.00004
220.00	-11.00	0.00004	220.00	-13.00	0.00004
220.00	-15.00	0.00004	220.00	-17.00	0.00004
220.00	-20.00	0.00004	220.00	-25.00	0.00004
220.00	-30.00	0.00004	220.00	-40.00	0.00004
220.00	-50.00	0.00004	220.00	-60.00	0.00004
220.00	-70.00	0.00004	220.00	-80.00	0.00004
220.00	-90.00	0.00004	220.00	-100.00	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00006	230.00	90.00	0.00006
230.00	80.00	0.00005	230.00	70.00	0.00005
230.00	60.00	0.00005	230.00	50.00	0.00005
230.00	40.00	0.00005	230.00	30.00	0.00005
230.00	25.00	0.00005	230.00	20.00	0.00005
230.00	17.00	0.00005	230.00	15.00	0.00005

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

230.00	13.00	0.00005	230.00	11.00	0.00004
230.00	9.00	0.00004	230.00	-9.00	0.00004
230.00	-11.00	0.00004	230.00	-13.00	0.00004
230.00	-15.00	0.00004	230.00	-17.00	0.00004
230.00	-20.00	0.00004	230.00	-25.00	0.00004
230.00	-30.00	0.00004	230.00	-40.00	0.00003
230.00	-50.00	0.00003	230.00	-60.00	0.00003
230.00	-70.00	0.00003	230.00	-80.00	0.00003
230.00	-90.00	0.00004	230.00	-100.00	0.00004
240.00	100.00	0.00005	240.00	90.00	0.00005
240.00	80.00	0.00005	240.00	70.00	0.00005
240.00	60.00	0.00005	240.00	50.00	0.00005
240.00	40.00	0.00005	240.00	30.00	0.00005
240.00	25.00	0.00004	240.00	20.00	0.00004
240.00	17.00	0.00004	240.00	15.00	0.00004
240.00	13.00	0.00004	240.00	11.00	0.00004
240.00	9.00	0.00004	240.00	-9.00	0.00004
240.00	-11.00	0.00004	240.00	-13.00	0.00004
240.00	-15.00	0.00004	240.00	-17.00	0.00004
240.00	-20.00	0.00004	240.00	-25.00	0.00003
240.00	-30.00	0.00003	240.00	-40.00	0.00003
240.00	-50.00	0.00003	240.00	-60.00	0.00003
240.00	-70.00	0.00003	240.00	-80.00	0.00003
240.00	-90.00	0.00003	240.00	-100.00	0.00003
250.00	100.00	0.00005	250.00	90.00	0.00005
250.00	80.00	0.00005	250.00	70.00	0.00005
250.00	60.00	0.00005	250.00	50.00	0.00004
250.00	40.00	0.00004	250.00	30.00	0.00004
250.00	25.00	0.00004	250.00	20.00	0.00004
250.00	17.00	0.00004	250.00	15.00	0.00004
250.00	13.00	0.00004	250.00	11.00	0.00004
250.00	9.00	0.00004	250.00	-9.00	0.00004
250.00	-11.00	0.00004	250.00	-13.00	0.00003
250.00	-15.00	0.00003	250.00	-17.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:
 PAGE 102

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-----	-----	-----	-----	-----	-----

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

250.00	-20.00	0.00003	250.00	-25.00	0.00003
250.00	-30.00	0.00003	250.00	-40.00	0.00003
250.00	-50.00	0.00003	250.00	-60.00	0.00003
250.00	-70.00	0.00003	250.00	-80.00	0.00003
250.00	-90.00	0.00003	250.00	-100.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:

PAGE 103

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00080	-250.00	90.00	0.00083
-250.00	80.00	0.00085	-250.00	70.00	0.00088
-250.00	60.00	0.00089	-250.00	50.00	0.00089
-250.00	40.00	0.00089	-250.00	30.00	0.00089
-250.00	25.00	0.00091	-250.00	20.00	0.00095
-250.00	17.00	0.00098	-250.00	15.00	0.00100
-250.00	13.00	0.00104	-250.00	11.00	0.00108
-250.00	9.00	0.00113	-250.00	-9.00	0.00211
-250.00	-11.00	0.00221	-250.00	-13.00	0.00230
-250.00	-15.00	0.00237	-250.00	-17.00	0.00243
-250.00	-20.00	0.00250	-250.00	-25.00	0.00255
-250.00	-30.00	0.00254	-250.00	-40.00	0.00244
-250.00	-50.00	0.00226	-250.00	-60.00	0.00206
-250.00	-70.00	0.00186	-250.00	-80.00	0.00167
-250.00	-90.00	0.00149	-250.00	-100.00	0.00134
-240.00	100.00	0.00103	-240.00	90.00	0.00109
-240.00	80.00	0.00116	-240.00	70.00	0.00122
-240.00	60.00	0.00127	-240.00	50.00	0.00130
-240.00	40.00	0.00130	-240.00	30.00	0.00125
-240.00	25.00	0.00123	-240.00	20.00	0.00121
-240.00	17.00	0.00122	-240.00	15.00	0.00124
-240.00	13.00	0.00126	-240.00	11.00	0.00130
-240.00	9.00	0.00135	-240.00	-9.00	0.00277
-240.00	-11.00	0.00290	-240.00	-13.00	0.00299
-240.00	-15.00	0.00306	-240.00	-17.00	0.00310
-240.00	-20.00	0.00314	-240.00	-25.00	0.00315
-240.00	-30.00	0.00310	-240.00	-40.00	0.00290
-240.00	-50.00	0.00263	-240.00	-60.00	0.00234
-240.00	-70.00	0.00207	-240.00	-80.00	0.00182

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-240.00	-90.00	0.00161	-240.00	-100.00	0.00143
-230.00	100.00	0.00128	-230.00	90.00	0.00140
-230.00	80.00	0.00153	-230.00	70.00	0.00167
-230.00	60.00	0.00183	-230.00	50.00	0.00198
-230.00	40.00	0.00212	-230.00	30.00	0.00219
-230.00	25.00	0.00218	-230.00	20.00	0.00212
-230.00	17.00	0.00206	-230.00	15.00	0.00200
-230.00	13.00	0.00195	-230.00	11.00	0.00191
-230.00	9.00	0.00188	-230.00	-9.00	0.00388
-230.00	-11.00	0.00395	-230.00	-13.00	0.00399
-230.00	-15.00	0.00401	-230.00	-17.00	0.00401

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTs:
 PAGE 104

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00398	-230.00	-25.00	0.00388
-230.00	-30.00	0.00373	-230.00	-40.00	0.00336
-230.00	-50.00	0.00295	-230.00	-60.00	0.00257
-230.00	-70.00	0.00223	-230.00	-80.00	0.00194
-230.00	-90.00	0.00170	-230.00	-100.00	0.00149
-220.00	100.00	0.00151	-220.00	90.00	0.00167
-220.00	80.00	0.00187	-220.00	70.00	0.00210
-220.00	60.00	0.00237	-220.00	50.00	0.00267
-220.00	40.00	0.00302	-220.00	30.00	0.00341
-220.00	25.00	0.00362	-220.00	20.00	0.00383
-220.00	17.00	0.00396	-220.00	15.00	0.00404
-220.00	13.00	0.00413	-220.00	11.00	0.00424
-220.00	9.00	0.00438	-220.00	-9.00	0.00508
-220.00	-11.00	0.00498	-220.00	-13.00	0.00490
-220.00	-15.00	0.00482	-220.00	-17.00	0.00474
-220.00	-20.00	0.00462	-220.00	-25.00	0.00440
-220.00	-30.00	0.00416	-220.00	-40.00	0.00365
-220.00	-50.00	0.00315	-220.00	-60.00	0.00270
-220.00	-70.00	0.00233	-220.00	-80.00	0.00201
-220.00	-90.00	0.00174	-220.00	-100.00	0.00152
-210.00	100.00	0.00169	-210.00	90.00	0.00190
-210.00	80.00	0.00214	-210.00	70.00	0.00243
-210.00	60.00	0.00278	-210.00	50.00	0.00319

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-210.00	40.00	0.00367	-210.00	30.00	0.00422
-210.00	25.00	0.00452	-210.00	20.00	0.00482
-210.00	17.00	0.00498	-210.00	15.00	0.00508
-210.00	13.00	0.00518	-210.00	11.00	0.00526
-210.00	9.00	0.00536	-210.00	-9.00	0.00528
-210.00	-11.00	0.00518	-210.00	-13.00	0.00510
-210.00	-15.00	0.00502	-210.00	-17.00	0.00494
-210.00	-20.00	0.00482	-210.00	-25.00	0.00458
-210.00	-30.00	0.00431	-210.00	-40.00	0.00374
-210.00	-50.00	0.00321	-210.00	-60.00	0.00274
-210.00	-70.00	0.00234	-210.00	-80.00	0.00201
-210.00	-90.00	0.00173	-210.00	-100.00	0.00150
-200.00	100.00	0.00183	-200.00	90.00	0.00207
-200.00	80.00	0.00235	-200.00	70.00	0.00269
-200.00	60.00	0.00309	-200.00	50.00	0.00355
-200.00	40.00	0.00410	-200.00	30.00	0.00470
-200.00	25.00	0.00502	-200.00	20.00	0.00532

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:

PAGE 105

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00547	-200.00	15.00	0.00555
-200.00	13.00	0.00562	-200.00	11.00	0.00567
-200.00	9.00	0.00573	-200.00	-9.00	0.00530
-200.00	-11.00	0.00519	-200.00	-13.00	0.00509
-200.00	-15.00	0.00501	-200.00	-17.00	0.00492
-200.00	-20.00	0.00479	-200.00	-25.00	0.00454
-200.00	-30.00	0.00427	-200.00	-40.00	0.00370
-200.00	-50.00	0.00317	-200.00	-60.00	0.00270
-200.00	-70.00	0.00230	-200.00	-80.00	0.00196
-200.00	-90.00	0.00169	-200.00	-100.00	0.00146
-190.00	100.00	0.00193	-190.00	90.00	0.00219
-190.00	80.00	0.00249	-190.00	70.00	0.00286
-190.00	60.00	0.00328	-190.00	50.00	0.00379
-190.00	40.00	0.00436	-190.00	30.00	0.00498
-190.00	25.00	0.00528	-190.00	20.00	0.00556
-190.00	17.00	0.00569	-190.00	15.00	0.00576
-190.00	13.00	0.00582	-190.00	11.00	0.00585

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-190.00	9.00	0.00588	-190.00	-9.00	0.00521
-190.00	-11.00	0.00509	-190.00	-13.00	0.00499
-190.00	-15.00	0.00489	-190.00	-17.00	0.00479
-190.00	-20.00	0.00464	-190.00	-25.00	0.00437
-190.00	-30.00	0.00409	-190.00	-40.00	0.00354
-190.00	-50.00	0.00303	-190.00	-60.00	0.00258
-190.00	-70.00	0.00219	-190.00	-80.00	0.00187
-190.00	-90.00	0.00160	-190.00	-100.00	0.00138
-180.00	100.00	0.00196	-180.00	90.00	0.00224
-180.00	80.00	0.00256	-180.00	70.00	0.00294
-180.00	60.00	0.00339	-180.00	50.00	0.00391
-180.00	40.00	0.00450	-180.00	30.00	0.00511
-180.00	25.00	0.00540	-180.00	20.00	0.00566
-180.00	17.00	0.00578	-180.00	15.00	0.00584
-180.00	13.00	0.00588	-180.00	11.00	0.00589
-180.00	9.00	0.00591	-180.00	-9.00	0.00503
-180.00	-11.00	0.00489	-180.00	-13.00	0.00477
-180.00	-15.00	0.00466	-180.00	-17.00	0.00455
-180.00	-20.00	0.00439	-180.00	-25.00	0.00410
-180.00	-30.00	0.00382	-180.00	-40.00	0.00329
-180.00	-50.00	0.00281	-180.00	-60.00	0.00239
-180.00	-70.00	0.00203	-180.00	-80.00	0.00173
-180.00	-90.00	0.00148	-180.00	-100.00	0.00127

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTS:
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00194	-170.00	90.00	0.00222
-170.00	80.00	0.00255	-170.00	70.00	0.00294
-170.00	60.00	0.00340	-170.00	50.00	0.00393
-170.00	40.00	0.00452	-170.00	30.00	0.00513
-170.00	25.00	0.00543	-170.00	20.00	0.00567
-170.00	17.00	0.00578	-170.00	15.00	0.00583
-170.00	13.00	0.00585	-170.00	11.00	0.00585
-170.00	9.00	0.00585	-170.00	-9.00	0.00473
-170.00	-11.00	0.00457	-170.00	-13.00	0.00443
-170.00	-15.00	0.00430	-170.00	-17.00	0.00418
-170.00	-20.00	0.00400	-170.00	-25.00	0.00371

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-170.00	-30.00	0.00344	-170.00	-40.00	0.00295
-170.00	-50.00	0.00251	-170.00	-60.00	0.00213
-170.00	-70.00	0.00181	-170.00	-80.00	0.00154
-170.00	-90.00	0.00132	-170.00	-100.00	0.00113
-160.00	100.00	0.00184	-160.00	90.00	0.00211
-160.00	80.00	0.00243	-160.00	70.00	0.00282
-160.00	60.00	0.00328	-160.00	50.00	0.00382
-160.00	40.00	0.00442	-160.00	30.00	0.00505
-160.00	25.00	0.00534	-160.00	20.00	0.00559
-160.00	17.00	0.00570	-160.00	15.00	0.00574
-160.00	13.00	0.00575	-160.00	11.00	0.00574
-160.00	9.00	0.00572	-160.00	-9.00	0.00427
-160.00	-11.00	0.00408	-160.00	-13.00	0.00392
-160.00	-15.00	0.00377	-160.00	-17.00	0.00364
-160.00	-20.00	0.00346	-160.00	-25.00	0.00320
-160.00	-30.00	0.00296	-160.00	-40.00	0.00252
-160.00	-50.00	0.00213	-160.00	-60.00	0.00180
-160.00	-70.00	0.00153	-160.00	-80.00	0.00131
-160.00	-90.00	0.00113	-160.00	-100.00	0.00099
-150.00	100.00	0.00166	-150.00	90.00	0.00190
-150.00	80.00	0.00219	-150.00	70.00	0.00254
-150.00	60.00	0.00296	-150.00	50.00	0.00347
-150.00	40.00	0.00407	-150.00	30.00	0.00474
-150.00	25.00	0.00508	-150.00	20.00	0.00537
-150.00	17.00	0.00548	-150.00	15.00	0.00553
-150.00	13.00	0.00555	-150.00	11.00	0.00555
-150.00	9.00	0.00552	-150.00	-9.00	0.00358
-150.00	-11.00	0.00335	-150.00	-13.00	0.00318
-150.00	-15.00	0.00304	-150.00	-17.00	0.00293

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:
 PAGE 107

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00277	-150.00	-25.00	0.00255
-150.00	-30.00	0.00234	-150.00	-40.00	0.00199
-150.00	-50.00	0.00169	-150.00	-60.00	0.00145
-150.00	-70.00	0.00125	-150.00	-80.00	0.00108
-150.00	-90.00	0.00095	-150.00	-100.00	0.00084

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-140.00	100.00	0.00145	-140.00	90.00	0.00164
-140.00	80.00	0.00187	-140.00	70.00	0.00214
-140.00	60.00	0.00245	-140.00	50.00	0.00283
-140.00	40.00	0.00328	-140.00	30.00	0.00383
-140.00	25.00	0.00414	-140.00	20.00	0.00447
-140.00	17.00	0.00465	-140.00	15.00	0.00477
-140.00	13.00	0.00487	-140.00	11.00	0.00494
-140.00	9.00	0.00499	-140.00	-9.00	0.00242
-140.00	-11.00	0.00224	-140.00	-13.00	0.00211
-140.00	-15.00	0.00202	-140.00	-17.00	0.00194
-140.00	-20.00	0.00185	-140.00	-25.00	0.00173
-140.00	-30.00	0.00162	-140.00	-40.00	0.00143
-140.00	-50.00	0.00126	-140.00	-60.00	0.00111
-140.00	-70.00	0.00098	-140.00	-80.00	0.00087
-140.00	-90.00	0.00078	-140.00	-100.00	0.00070
-130.00	100.00	0.00125	-130.00	90.00	0.00139
-130.00	80.00	0.00155	-130.00	70.00	0.00173
-130.00	60.00	0.00193	-130.00	50.00	0.00216
-130.00	40.00	0.00239	-130.00	30.00	0.00261
-130.00	25.00	0.00270	-130.00	20.00	0.00275
-130.00	17.00	0.00274	-130.00	15.00	0.00271
-130.00	13.00	0.00266	-130.00	11.00	0.00258
-130.00	9.00	0.00247	-130.00	-9.00	0.00111
-130.00	-11.00	0.00111	-130.00	-13.00	0.00111
-130.00	-15.00	0.00111	-130.00	-17.00	0.00111
-130.00	-20.00	0.00110	-130.00	-25.00	0.00109
-130.00	-30.00	0.00107	-130.00	-40.00	0.00100
-130.00	-50.00	0.00093	-130.00	-60.00	0.00085
-130.00	-70.00	0.00077	-130.00	-80.00	0.00070
-130.00	-90.00	0.00063	-130.00	-100.00	0.00058
-120.00	100.00	0.00107	-120.00	90.00	0.00117
-120.00	80.00	0.00128	-120.00	70.00	0.00140
-120.00	60.00	0.00152	-120.00	50.00	0.00164
-120.00	40.00	0.00173	-120.00	30.00	0.00178
-120.00	25.00	0.00178	-120.00	20.00	0.00173

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 17:29:17
 **MODELOPTs:
 PAGE 108
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

 INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

		09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00168	-120.00	15.00	0.00163
-120.00	13.00	0.00157	-120.00	11.00	0.00151
-120.00	9.00	0.00143	-120.00	-9.00	0.00079
-120.00	-11.00	0.00078	-120.00	-13.00	0.00077
-120.00	-15.00	0.00077	-120.00	-17.00	0.00076
-120.00	-20.00	0.00076	-120.00	-25.00	0.00076
-120.00	-30.00	0.00075	-120.00	-40.00	0.00073
-120.00	-50.00	0.00070	-120.00	-60.00	0.00065
-120.00	-70.00	0.00061	-120.00	-80.00	0.00056
-120.00	-90.00	0.00052	-120.00	-100.00	0.00048
-110.00	100.00	0.00091	-110.00	90.00	0.00098
-110.00	80.00	0.00105	-110.00	70.00	0.00112
-110.00	60.00	0.00119	-110.00	50.00	0.00125
-110.00	40.00	0.00128	-110.00	30.00	0.00126
-110.00	25.00	0.00123	-110.00	20.00	0.00117
-110.00	17.00	0.00113	-110.00	15.00	0.00110
-110.00	13.00	0.00106	-110.00	11.00	0.00102
-110.00	9.00	0.00098	-110.00	-9.00	0.00061
-110.00	-11.00	0.00060	-110.00	-13.00	0.00060
-110.00	-15.00	0.00060	-110.00	-17.00	0.00059
-110.00	-20.00	0.00059	-110.00	-25.00	0.00058
-110.00	-30.00	0.00057	-110.00	-40.00	0.00055
-110.00	-50.00	0.00053	-110.00	-60.00	0.00051
-110.00	-70.00	0.00048	-110.00	-80.00	0.00046
-110.00	-90.00	0.00043	-110.00	-100.00	0.00040
-100.00	100.00	0.00077	-100.00	90.00	0.00082
-100.00	80.00	0.00086	-100.00	70.00	0.00091
-100.00	60.00	0.00094	-100.00	50.00	0.00097
-100.00	40.00	0.00096	-100.00	30.00	0.00093
-100.00	25.00	0.00090	-100.00	20.00	0.00085
-100.00	17.00	0.00082	-100.00	15.00	0.00080
-100.00	13.00	0.00078	-100.00	11.00	0.00075
-100.00	9.00	0.00073	-100.00	-9.00	0.00049
-100.00	-11.00	0.00048	-100.00	-13.00	0.00048
-100.00	-15.00	0.00047	-100.00	-17.00	0.00047
-100.00	-20.00	0.00047	-100.00	-25.00	0.00047
-100.00	-30.00	0.00046	-100.00	-40.00	0.00044
-100.00	-50.00	0.00042	-100.00	-60.00	0.00041
-100.00	-70.00	0.00039	-100.00	-80.00	0.00037
-100.00	-90.00	0.00035	-100.00	-100.00	0.00034

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:29:17
**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00065	-90.00	90.00	0.00069
-90.00	80.00	0.00072	-90.00	70.00	0.00074
-90.00	60.00	0.00076	-90.00	50.00	0.00076
-90.00	40.00	0.00074	-90.00	30.00	0.00071
-90.00	25.00	0.00068	-90.00	20.00	0.00065
-90.00	17.00	0.00063	-90.00	15.00	0.00061
-90.00	13.00	0.00060	-90.00	11.00	0.00058
-90.00	9.00	0.00057	-90.00	-9.00	0.00040
-90.00	-11.00	0.00039	-90.00	-13.00	0.00039
-90.00	-15.00	0.00038	-90.00	-17.00	0.00038
-90.00	-20.00	0.00038	-90.00	-25.00	0.00038
-90.00	-30.00	0.00038	-90.00	-40.00	0.00037
-90.00	-50.00	0.00035	-90.00	-60.00	0.00033
-90.00	-70.00	0.00032	-90.00	-80.00	0.00031
-90.00	-90.00	0.00029	-90.00	-100.00	0.00028
-80.00	100.00	0.00056	-80.00	90.00	0.00058
-80.00	80.00	0.00060	-80.00	70.00	0.00061
-80.00	60.00	0.00061	-80.00	50.00	0.00061
-80.00	40.00	0.00059	-80.00	30.00	0.00056
-80.00	25.00	0.00054	-80.00	20.00	0.00051
-80.00	17.00	0.00050	-80.00	15.00	0.00049
-80.00	13.00	0.00048	-80.00	11.00	0.00047
-80.00	9.00	0.00045	-80.00	-9.00	0.00033
-80.00	-11.00	0.00032	-80.00	-13.00	0.00032
-80.00	-15.00	0.00032	-80.00	-17.00	0.00032
-80.00	-20.00	0.00032	-80.00	-25.00	0.00032
-80.00	-30.00	0.00032	-80.00	-40.00	0.00031
-80.00	-50.00	0.00030	-80.00	-60.00	0.00028
-80.00	-70.00	0.00027	-80.00	-80.00	0.00026
-80.00	-90.00	0.00025	-80.00	-100.00	0.00024
-70.00	100.00	0.00048	-70.00	90.00	0.00049
-70.00	80.00	0.00050	-70.00	70.00	0.00050
-70.00	60.00	0.00050	-70.00	50.00	0.00049
-70.00	40.00	0.00048	-70.00	30.00	0.00045
-70.00	25.00	0.00043	-70.00	20.00	0.00042
-70.00	17.00	0.00041	-70.00	15.00	0.00040
-70.00	13.00	0.00039	-70.00	11.00	0.00038

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-70.00	9.00	0.00037	-70.00	-9.00	0.00028
-70.00	-11.00	0.00027	-70.00	-13.00	0.00027
-70.00	-15.00	0.00027	-70.00	-17.00	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:

PAGE 110

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00026	-70.00	-25.00	0.00026
-70.00	-30.00	0.00027	-70.00	-40.00	0.00026
-70.00	-50.00	0.00026	-70.00	-60.00	0.00025
-70.00	-70.00	0.00023	-70.00	-80.00	0.00022
-70.00	-90.00	0.00021	-70.00	-100.00	0.00021
-60.00	100.00	0.00041	-60.00	90.00	0.00042
-60.00	80.00	0.00042	-60.00	70.00	0.00042
-60.00	60.00	0.00042	-60.00	50.00	0.00041
-60.00	40.00	0.00040	-60.00	30.00	0.00037
-60.00	25.00	0.00036	-60.00	20.00	0.00034
-60.00	17.00	0.00034	-60.00	15.00	0.00033
-60.00	13.00	0.00033	-60.00	11.00	0.00032
-60.00	9.00	0.00031	-60.00	-9.00	0.00024
-60.00	-11.00	0.00023	-60.00	-13.00	0.00023
-60.00	-15.00	0.00023	-60.00	-17.00	0.00023
-60.00	-20.00	0.00022	-60.00	-25.00	0.00022
-60.00	-30.00	0.00023	-60.00	-40.00	0.00023
-60.00	-50.00	0.00022	-60.00	-60.00	0.00022
-60.00	-70.00	0.00021	-60.00	-80.00	0.00020
-60.00	-90.00	0.00019	-60.00	-100.00	0.00018
-50.00	100.00	0.00036	-50.00	90.00	0.00036
-50.00	80.00	0.00036	-50.00	70.00	0.00036
-50.00	60.00	0.00035	-50.00	50.00	0.00035
-50.00	40.00	0.00033	-50.00	30.00	0.00031
-50.00	25.00	0.00030	-50.00	20.00	0.00029
-50.00	17.00	0.00028	-50.00	15.00	0.00028
-50.00	13.00	0.00028	-50.00	11.00	0.00027
-50.00	9.00	0.00027	-50.00	-9.00	0.00021
-50.00	-11.00	0.00020	-50.00	-13.00	0.00020
-50.00	-15.00	0.00020	-50.00	-17.00	0.00019
-50.00	-20.00	0.00019	-50.00	-25.00	0.00019

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-50.00	-30.00	0.00019	-50.00	-40.00	0.00019
-50.00	-50.00	0.00019	-50.00	-60.00	0.00019
-50.00	-70.00	0.00018	-50.00	-80.00	0.00018
-50.00	-90.00	0.00017	-50.00	-100.00	0.00016
-40.00	100.00	0.00031	-40.00	90.00	0.00031
-40.00	80.00	0.00031	-40.00	70.00	0.00031
-40.00	60.00	0.00030	-40.00	50.00	0.00029
-40.00	40.00	0.00028	-40.00	30.00	0.00026
-40.00	25.00	0.00026	-40.00	20.00	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00024	-40.00	15.00	0.00024
-40.00	13.00	0.00024	-40.00	11.00	0.00023
-40.00	9.00	0.00023	-40.00	-9.00	0.00018
-40.00	-11.00	0.00018	-40.00	-13.00	0.00017
-40.00	-15.00	0.00017	-40.00	-17.00	0.00017
-40.00	-20.00	0.00017	-40.00	-25.00	0.00017
-40.00	-30.00	0.00017	-40.00	-40.00	0.00017
-40.00	-50.00	0.00017	-40.00	-60.00	0.00017
-40.00	-70.00	0.00016	-40.00	-80.00	0.00016
-40.00	-90.00	0.00015	-40.00	-100.00	0.00014
-30.00	100.00	0.00027	-30.00	90.00	0.00027
-30.00	80.00	0.00027	-30.00	70.00	0.00027
-30.00	60.00	0.00026	-30.00	50.00	0.00025
-30.00	40.00	0.00024	-30.00	30.00	0.00023
-30.00	25.00	0.00022	-30.00	20.00	0.00022
-30.00	17.00	0.00021	-30.00	15.00	0.00021
-30.00	13.00	0.00021	-30.00	11.00	0.00020
-30.00	9.00	0.00020	-30.00	-9.00	0.00016
-30.00	-11.00	0.00016	-30.00	-13.00	0.00015
-30.00	-15.00	0.00015	-30.00	-17.00	0.00015
-30.00	-20.00	0.00015	-30.00	-25.00	0.00015
-30.00	-30.00	0.00015	-30.00	-40.00	0.00015
-30.00	-50.00	0.00015	-30.00	-60.00	0.00015
-30.00	-70.00	0.00014	-30.00	-80.00	0.00014
-30.00	-90.00	0.00014	-30.00	-100.00	0.00013

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-20.00	100.00	0.00024	-20.00	90.00	0.00024
-20.00	80.00	0.00024	-20.00	70.00	0.00023
-20.00	60.00	0.00023	-20.00	50.00	0.00022
-20.00	40.00	0.00021	-20.00	30.00	0.00020
-20.00	25.00	0.00019	-20.00	20.00	0.00019
-20.00	17.00	0.00019	-20.00	15.00	0.00018
-20.00	13.00	0.00018	-20.00	11.00	0.00018
-20.00	9.00	0.00018	-20.00	-9.00	0.00014
-20.00	-11.00	0.00014	-20.00	-13.00	0.00014
-20.00	-15.00	0.00013	-20.00	-17.00	0.00013
-20.00	-20.00	0.00013	-20.00	-25.00	0.00013
-20.00	-30.00	0.00013	-20.00	-40.00	0.00013
-20.00	-50.00	0.00013	-20.00	-60.00	0.00013
-20.00	-70.00	0.00013	-20.00	-80.00	0.00013
-20.00	-90.00	0.00012	-20.00	-100.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTs:
 PAGE 112

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00021	-10.00	90.00	0.00021
-10.00	80.00	0.00021	-10.00	70.00	0.00020
-10.00	60.00	0.00020	-10.00	50.00	0.00019
-10.00	40.00	0.00018	-10.00	30.00	0.00017
-10.00	25.00	0.00017	-10.00	20.00	0.00017
-10.00	17.00	0.00016	-10.00	15.00	0.00016
-10.00	13.00	0.00016	-10.00	11.00	0.00016
-10.00	9.00	0.00016	-10.00	-9.00	0.00013
-10.00	-11.00	0.00013	-10.00	-13.00	0.00012
-10.00	-15.00	0.00012	-10.00	-17.00	0.00012
-10.00	-20.00	0.00012	-10.00	-25.00	0.00012
-10.00	-30.00	0.00011	-10.00	-40.00	0.00012
-10.00	-50.00	0.00012	-10.00	-60.00	0.00012
-10.00	-70.00	0.00012	-10.00	-80.00	0.00011
-10.00	-90.00	0.00011	-10.00	-100.00	0.00011
0.00	100.00	0.00019	0.00	90.00	0.00019
0.00	80.00	0.00018	0.00	70.00	0.00018
0.00	60.00	0.00018	0.00	50.00	0.00017
0.00	40.00	0.00016	0.00	30.00	0.00015

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

0.00	25.00	0.00015	0.00	20.00	0.00015
0.00	17.00	0.00015	0.00	15.00	0.00014
0.00	13.00	0.00014	0.00	11.00	0.00014
0.00	9.00	0.00014	0.00	-9.00	0.00011
0.00	-11.00	0.00011	0.00	-13.00	0.00011
0.00	-15.00	0.00011	0.00	-17.00	0.00011
0.00	-20.00	0.00011	0.00	-25.00	0.00010
0.00	-30.00	0.00010	0.00	-40.00	0.00010
0.00	-50.00	0.00010	0.00	-60.00	0.00010
0.00	-70.00	0.00010	0.00	-80.00	0.00010
0.00	-90.00	0.00010	0.00	-100.00	0.00010
10.00	100.00	0.00017	10.00	90.00	0.00017
10.00	80.00	0.00017	10.00	70.00	0.00016
10.00	60.00	0.00016	10.00	50.00	0.00015
10.00	40.00	0.00014	10.00	30.00	0.00014
10.00	25.00	0.00014	10.00	20.00	0.00013
10.00	17.00	0.00013	10.00	15.00	0.00013
10.00	13.00	0.00013	10.00	11.00	0.00013
10.00	9.00	0.00012	10.00	-9.00	0.00010
10.00	-11.00	0.00010	10.00	-13.00	0.00010
10.00	-15.00	0.00010	10.00	-17.00	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:
 PAGE 113

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00010	10.00	-25.00	0.00009
10.00	-30.00	0.00009	10.00	-40.00	0.00009
10.00	-50.00	0.00009	10.00	-60.00	0.00009
10.00	-70.00	0.00009	10.00	-80.00	0.00009
10.00	-90.00	0.00009	10.00	-100.00	0.00009
20.00	100.00	0.00015	20.00	90.00	0.00015
20.00	80.00	0.00015	20.00	70.00	0.00014
20.00	60.00	0.00014	20.00	50.00	0.00013
20.00	40.00	0.00013	20.00	30.00	0.00012
20.00	25.00	0.00012	20.00	20.00	0.00012
20.00	17.00	0.00012	20.00	15.00	0.00012
20.00	13.00	0.00012	20.00	11.00	0.00011
20.00	9.00	0.00011	20.00	-9.00	0.00009

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

20.00	-11.00	0.00009	20.00	-13.00	0.00009
20.00	-15.00	0.00009	20.00	-17.00	0.00009
20.00	-20.00	0.00009	20.00	-25.00	0.00009
20.00	-30.00	0.00008	20.00	-40.00	0.00008
20.00	-50.00	0.00009	20.00	-60.00	0.00009
20.00	-70.00	0.00009	20.00	-80.00	0.00009
20.00	-90.00	0.00008	20.00	-100.00	0.00008
30.00	100.00	0.00014	30.00	90.00	0.00014
30.00	80.00	0.00013	30.00	70.00	0.00013
30.00	60.00	0.00013	30.00	50.00	0.00012
30.00	40.00	0.00012	30.00	30.00	0.00011
30.00	25.00	0.00011	30.00	20.00	0.00011
30.00	17.00	0.00011	30.00	15.00	0.00011
30.00	13.00	0.00010	30.00	11.00	0.00010
30.00	9.00	0.00010	30.00	-9.00	0.00009
30.00	-11.00	0.00009	30.00	-13.00	0.00008
30.00	-15.00	0.00008	30.00	-17.00	0.00008
30.00	-20.00	0.00008	30.00	-25.00	0.00008
30.00	-30.00	0.00008	30.00	-40.00	0.00008
30.00	-50.00	0.00008	30.00	-60.00	0.00008
30.00	-70.00	0.00008	30.00	-80.00	0.00008
30.00	-90.00	0.00008	30.00	-100.00	0.00008
40.00	100.00	0.00013	40.00	90.00	0.00012
40.00	80.00	0.00012	40.00	70.00	0.00012
40.00	60.00	0.00011	40.00	50.00	0.00011
40.00	40.00	0.00011	40.00	30.00	0.00010
40.00	25.00	0.00010	40.00	20.00	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00010	40.00	15.00	0.00010
40.00	13.00	0.00010	40.00	11.00	0.00009
40.00	9.00	0.00009	40.00	-9.00	0.00008
40.00	-11.00	0.00008	40.00	-13.00	0.00008
40.00	-15.00	0.00008	40.00	-17.00	0.00007
40.00	-20.00	0.00007	40.00	-25.00	0.00007
40.00	-30.00	0.00007	40.00	-40.00	0.00007

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

40.00	-50.00	0.00007	40.00	-60.00	0.00007
40.00	-70.00	0.00007	40.00	-80.00	0.00007
40.00	-90.00	0.00007	40.00	-100.00	0.00007
50.00	100.00	0.00011	50.00	90.00	0.00011
50.00	80.00	0.00011	50.00	70.00	0.00011
50.00	60.00	0.00010	50.00	50.00	0.00010
50.00	40.00	0.00010	50.00	30.00	0.00009
50.00	25.00	0.00009	50.00	20.00	0.00009
50.00	17.00	0.00009	50.00	15.00	0.00009
50.00	13.00	0.00009	50.00	11.00	0.00009
50.00	9.00	0.00008	50.00	-9.00	0.00007
50.00	-11.00	0.00007	50.00	-13.00	0.00007
50.00	-15.00	0.00007	50.00	-17.00	0.00007
50.00	-20.00	0.00007	50.00	-25.00	0.00007
50.00	-30.00	0.00006	50.00	-40.00	0.00006
50.00	-50.00	0.00006	50.00	-60.00	0.00007
50.00	-70.00	0.00007	50.00	-80.00	0.00007
50.00	-90.00	0.00007	50.00	-100.00	0.00007
60.00	100.00	0.00010	60.00	90.00	0.00010
60.00	80.00	0.00010	60.00	70.00	0.00010
60.00	60.00	0.00009	60.00	50.00	0.00009
60.00	40.00	0.00009	60.00	30.00	0.00009
60.00	25.00	0.00008	60.00	20.00	0.00008
60.00	17.00	0.00008	60.00	15.00	0.00008
60.00	13.00	0.00008	60.00	11.00	0.00008
60.00	9.00	0.00008	60.00	-9.00	0.00007
60.00	-11.00	0.00007	60.00	-13.00	0.00007
60.00	-15.00	0.00006	60.00	-17.00	0.00006
60.00	-20.00	0.00006	60.00	-25.00	0.00006
60.00	-30.00	0.00006	60.00	-40.00	0.00006
60.00	-50.00	0.00006	60.00	-60.00	0.00006
60.00	-70.00	0.00006	60.00	-80.00	0.00006
60.00	-90.00	0.00006	60.00	-100.00	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00010	70.00	90.00	0.00009

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

70.00	80.00	0.00009	70.00	70.00	0.00009
70.00	60.00	0.00009	70.00	50.00	0.00008
70.00	40.00	0.00008	70.00	30.00	0.00008
70.00	25.00	0.00008	70.00	20.00	0.00008
70.00	17.00	0.00008	70.00	15.00	0.00007
70.00	13.00	0.00007	70.00	11.00	0.00007
70.00	9.00	0.00007	70.00	-9.00	0.00006
70.00	-11.00	0.00006	70.00	-13.00	0.00006
70.00	-15.00	0.00006	70.00	-17.00	0.00006
70.00	-20.00	0.00006	70.00	-25.00	0.00006
70.00	-30.00	0.00006	70.00	-40.00	0.00005
70.00	-50.00	0.00005	70.00	-60.00	0.00006
70.00	-70.00	0.00006	70.00	-80.00	0.00006
70.00	-90.00	0.00006	70.00	-100.00	0.00006
80.00	100.00	0.00009	80.00	90.00	0.00009
80.00	80.00	0.00008	80.00	70.00	0.00008
80.00	60.00	0.00008	80.00	50.00	0.00008
80.00	40.00	0.00008	80.00	30.00	0.00007
80.00	25.00	0.00007	80.00	20.00	0.00007
80.00	17.00	0.00007	80.00	15.00	0.00007
80.00	13.00	0.00007	80.00	11.00	0.00007
80.00	9.00	0.00007	80.00	-9.00	0.00006
80.00	-11.00	0.00006	80.00	-13.00	0.00006
80.00	-15.00	0.00006	80.00	-17.00	0.00006
80.00	-20.00	0.00005	80.00	-25.00	0.00005
80.00	-30.00	0.00005	80.00	-40.00	0.00005
80.00	-50.00	0.00005	80.00	-60.00	0.00005
80.00	-70.00	0.00005	80.00	-80.00	0.00005
80.00	-90.00	0.00005	80.00	-100.00	0.00005
90.00	100.00	0.00008	90.00	90.00	0.00008
90.00	80.00	0.00008	90.00	70.00	0.00008
90.00	60.00	0.00007	90.00	50.00	0.00007
90.00	40.00	0.00007	90.00	30.00	0.00007
90.00	25.00	0.00007	90.00	20.00	0.00007
90.00	17.00	0.00006	90.00	15.00	0.00006
90.00	13.00	0.00006	90.00	11.00	0.00006
90.00	9.00	0.00006	90.00	-9.00	0.00005
90.00	-11.00	0.00005	90.00	-13.00	0.00005
90.00	-15.00	0.00005	90.00	-17.00	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
90.00	-20.00	0.00005	90.00	-25.00	0.00005	
90.00	-30.00	0.00005	90.00	-40.00	0.00005	
90.00	-50.00	0.00005	90.00	-60.00	0.00005	
90.00	-70.00	0.00005	90.00	-80.00	0.00005	
90.00	-90.00	0.00005	90.00	-100.00	0.00005	
100.00	100.00	0.00008	100.00	90.00	0.00007	
100.00	80.00	0.00007	100.00	70.00	0.00007	
100.00	60.00	0.00007	100.00	50.00	0.00007	
100.00	40.00	0.00006	100.00	30.00	0.00006	
100.00	25.00	0.00006	100.00	20.00	0.00006	
100.00	17.00	0.00006	100.00	15.00	0.00006	
100.00	13.00	0.00006	100.00	11.00	0.00006	
100.00	9.00	0.00006	100.00	-9.00	0.00005	
100.00	-11.00	0.00005	100.00	-13.00	0.00005	
100.00	-15.00	0.00005	100.00	-17.00	0.00005	
100.00	-20.00	0.00005	100.00	-25.00	0.00005	
100.00	-30.00	0.00005	100.00	-40.00	0.00004	
100.00	-50.00	0.00004	100.00	-60.00	0.00004	
100.00	-70.00	0.00004	100.00	-80.00	0.00005	
100.00	-90.00	0.00005	100.00	-100.00	0.00005	
110.00	100.00	0.00007	110.00	90.00	0.00007	
110.00	80.00	0.00007	110.00	70.00	0.00007	
110.00	60.00	0.00006	110.00	50.00	0.00006	
110.00	40.00	0.00006	110.00	30.00	0.00006	
110.00	25.00	0.00006	110.00	20.00	0.00006	
110.00	17.00	0.00006	110.00	15.00	0.00006	
110.00	13.00	0.00006	110.00	11.00	0.00005	
110.00	9.00	0.00005	110.00	-9.00	0.00005	
110.00	-11.00	0.00005	110.00	-13.00	0.00005	
110.00	-15.00	0.00005	110.00	-17.00	0.00005	
110.00	-20.00	0.00004	110.00	-25.00	0.00004	
110.00	-30.00	0.00004	110.00	-40.00	0.00004	
110.00	-50.00	0.00004	110.00	-60.00	0.00004	
110.00	-70.00	0.00004	110.00	-80.00	0.00004	
110.00	-90.00	0.00004	110.00	-100.00	0.00004	
120.00	100.00	0.00007	120.00	90.00	0.00006	
120.00	80.00	0.00006	120.00	70.00	0.00006	
120.00	60.00	0.00006	120.00	50.00	0.00006	
120.00	40.00	0.00006	120.00	30.00	0.00006	

120.00 25.00 0.00005 120.00 20.00 0.00005

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00005	120.00	15.00	0.00005
120.00	13.00	0.00005	120.00	11.00	0.00005
120.00	9.00	0.00005	120.00	-9.00	0.00004
120.00	-11.00	0.00004	120.00	-13.00	0.00004
120.00	-15.00	0.00004	120.00	-17.00	0.00004
120.00	-20.00	0.00004	120.00	-25.00	0.00004
120.00	-30.00	0.00004	120.00	-40.00	0.00004
120.00	-50.00	0.00004	120.00	-60.00	0.00004
120.00	-70.00	0.00004	120.00	-80.00	0.00004
120.00	-90.00	0.00004	120.00	-100.00	0.00004
130.00	100.00	0.00006	130.00	90.00	0.00006
130.00	80.00	0.00006	130.00	70.00	0.00006
130.00	60.00	0.00006	130.00	50.00	0.00005
130.00	40.00	0.00005	130.00	30.00	0.00005
130.00	25.00	0.00005	130.00	20.00	0.00005
130.00	17.00	0.00005	130.00	15.00	0.00005
130.00	13.00	0.00005	130.00	11.00	0.00005
130.00	9.00	0.00005	130.00	-9.00	0.00004
130.00	-11.00	0.00004	130.00	-13.00	0.00004
130.00	-15.00	0.00004	130.00	-17.00	0.00004
130.00	-20.00	0.00004	130.00	-25.00	0.00004
130.00	-30.00	0.00004	130.00	-40.00	0.00004
130.00	-50.00	0.00004	130.00	-60.00	0.00004
130.00	-70.00	0.00004	130.00	-80.00	0.00004
130.00	-90.00	0.00004	130.00	-100.00	0.00004
140.00	100.00	0.00006	140.00	90.00	0.00006
140.00	80.00	0.00005	140.00	70.00	0.00005
140.00	60.00	0.00005	140.00	50.00	0.00005
140.00	40.00	0.00005	140.00	30.00	0.00005
140.00	25.00	0.00005	140.00	20.00	0.00005
140.00	17.00	0.00005	140.00	15.00	0.00005
140.00	13.00	0.00005	140.00	11.00	0.00004
140.00	9.00	0.00004	140.00	-9.00	0.00004

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

140.00	-11.00	0.00004	140.00	-13.00	0.00004
140.00	-15.00	0.00004	140.00	-17.00	0.00004
140.00	-20.00	0.00004	140.00	-25.00	0.00004
140.00	-30.00	0.00004	140.00	-40.00	0.00003
140.00	-50.00	0.00003	140.00	-60.00	0.00003
140.00	-70.00	0.00003	140.00	-80.00	0.00003
140.00	-90.00	0.00004	140.00	-100.00	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00005	150.00	90.00	0.00005
150.00	80.00	0.00005	150.00	70.00	0.00005
150.00	60.00	0.00005	150.00	50.00	0.00005
150.00	40.00	0.00005	150.00	30.00	0.00005
150.00	25.00	0.00004	150.00	20.00	0.00004
150.00	17.00	0.00004	150.00	15.00	0.00004
150.00	13.00	0.00004	150.00	11.00	0.00004
150.00	9.00	0.00004	150.00	-9.00	0.00004
150.00	-11.00	0.00004	150.00	-13.00	0.00004
150.00	-15.00	0.00004	150.00	-17.00	0.00004
150.00	-20.00	0.00004	150.00	-25.00	0.00003
150.00	-30.00	0.00003	150.00	-40.00	0.00003
150.00	-50.00	0.00003	150.00	-60.00	0.00003
150.00	-70.00	0.00003	150.00	-80.00	0.00003
150.00	-90.00	0.00003	150.00	-100.00	0.00003
160.00	100.00	0.00005	160.00	90.00	0.00005
160.00	80.00	0.00005	160.00	70.00	0.00005
160.00	60.00	0.00005	160.00	50.00	0.00004
160.00	40.00	0.00004	160.00	30.00	0.00004
160.00	25.00	0.00004	160.00	20.00	0.00004
160.00	17.00	0.00004	160.00	15.00	0.00004
160.00	13.00	0.00004	160.00	11.00	0.00004
160.00	9.00	0.00004	160.00	-9.00	0.00004
160.00	-11.00	0.00004	160.00	-13.00	0.00003
160.00	-15.00	0.00003	160.00	-17.00	0.00003
160.00	-20.00	0.00003	160.00	-25.00	0.00003
160.00	-30.00	0.00003	160.00	-40.00	0.00003

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

160.00	-50.00	0.00003	160.00	-60.00	0.00003
160.00	-70.00	0.00003	160.00	-80.00	0.00003
160.00	-90.00	0.00003	160.00	-100.00	0.00003
170.00	100.00	0.00005	170.00	90.00	0.00005
170.00	80.00	0.00004	170.00	70.00	0.00004
170.00	60.00	0.00004	170.00	50.00	0.00004
170.00	40.00	0.00004	170.00	30.00	0.00004
170.00	25.00	0.00004	170.00	20.00	0.00004
170.00	17.00	0.00004	170.00	15.00	0.00004
170.00	13.00	0.00004	170.00	11.00	0.00004
170.00	9.00	0.00004	170.00	-9.00	0.00003
170.00	-11.00	0.00003	170.00	-13.00	0.00003
170.00	-15.00	0.00003	170.00	-17.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00003	170.00	-25.00	0.00003
170.00	-30.00	0.00003	170.00	-40.00	0.00003
170.00	-50.00	0.00003	170.00	-60.00	0.00003
170.00	-70.00	0.00003	170.00	-80.00	0.00003
170.00	-90.00	0.00003	170.00	-100.00	0.00003
180.00	100.00	0.00004	180.00	90.00	0.00004
180.00	80.00	0.00004	180.00	70.00	0.00004
180.00	60.00	0.00004	180.00	50.00	0.00004
180.00	40.00	0.00004	180.00	30.00	0.00004
180.00	25.00	0.00004	180.00	20.00	0.00004
180.00	17.00	0.00004	180.00	15.00	0.00004
180.00	13.00	0.00004	180.00	11.00	0.00004
180.00	9.00	0.00004	180.00	-9.00	0.00003
180.00	-11.00	0.00003	180.00	-13.00	0.00003
180.00	-15.00	0.00003	180.00	-17.00	0.00003
180.00	-20.00	0.00003	180.00	-25.00	0.00003
180.00	-30.00	0.00003	180.00	-40.00	0.00003
180.00	-50.00	0.00003	180.00	-60.00	0.00003
180.00	-70.00	0.00003	180.00	-80.00	0.00003
180.00	-90.00	0.00003	180.00	-100.00	0.00003
190.00	100.00	0.00004	190.00	90.00	0.00004

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

190.00	80.00	0.00004	190.00	70.00	0.00004
190.00	60.00	0.00004	190.00	50.00	0.00004
190.00	40.00	0.00004	190.00	30.00	0.00004
190.00	25.00	0.00004	190.00	20.00	0.00004
190.00	17.00	0.00003	190.00	15.00	0.00003
190.00	13.00	0.00003	190.00	11.00	0.00003
190.00	9.00	0.00003	190.00	-9.00	0.00003
190.00	-11.00	0.00003	190.00	-13.00	0.00003
190.00	-15.00	0.00003	190.00	-17.00	0.00003
190.00	-20.00	0.00003	190.00	-25.00	0.00003
190.00	-30.00	0.00003	190.00	-40.00	0.00003
190.00	-50.00	0.00003	190.00	-60.00	0.00003
190.00	-70.00	0.00003	190.00	-80.00	0.00003
190.00	-90.00	0.00003	190.00	-100.00	0.00003
200.00	100.00	0.00004	200.00	90.00	0.00004
200.00	80.00	0.00004	200.00	70.00	0.00004
200.00	60.00	0.00004	200.00	50.00	0.00004
200.00	40.00	0.00004	200.00	30.00	0.00003
200.00	25.00	0.00003	200.00	20.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00003	200.00	15.00	0.00003
200.00	13.00	0.00003	200.00	11.00	0.00003
200.00	9.00	0.00003	200.00	-9.00	0.00003
200.00	-11.00	0.00003	200.00	-13.00	0.00003
200.00	-15.00	0.00003	200.00	-17.00	0.00003
200.00	-20.00	0.00003	200.00	-25.00	0.00003
200.00	-30.00	0.00003	200.00	-40.00	0.00003
200.00	-50.00	0.00002	200.00	-60.00	0.00002
200.00	-70.00	0.00002	200.00	-80.00	0.00002
200.00	-90.00	0.00003	200.00	-100.00	0.00003
210.00	100.00	0.00004	210.00	90.00	0.00004
210.00	80.00	0.00004	210.00	70.00	0.00004
210.00	60.00	0.00003	210.00	50.00	0.00003
210.00	40.00	0.00003	210.00	30.00	0.00003
210.00	25.00	0.00003	210.00	20.00	0.00003

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

210.00	17.00	0.00003	210.00	15.00	0.00003
210.00	13.00	0.00003	210.00	11.00	0.00003
210.00	9.00	0.00003	210.00	-9.00	0.00003
210.00	-11.00	0.00003	210.00	-13.00	0.00003
210.00	-15.00	0.00003	210.00	-17.00	0.00003
210.00	-20.00	0.00003	210.00	-25.00	0.00003
210.00	-30.00	0.00003	210.00	-40.00	0.00002
210.00	-50.00	0.00002	210.00	-60.00	0.00002
210.00	-70.00	0.00002	210.00	-80.00	0.00002
210.00	-90.00	0.00002	210.00	-100.00	0.00002
220.00	100.00	0.00004	220.00	90.00	0.00003
220.00	80.00	0.00003	220.00	70.00	0.00003
220.00	60.00	0.00003	220.00	50.00	0.00003
220.00	40.00	0.00003	220.00	30.00	0.00003
220.00	25.00	0.00003	220.00	20.00	0.00003
220.00	17.00	0.00003	220.00	15.00	0.00003
220.00	13.00	0.00003	220.00	11.00	0.00003
220.00	9.00	0.00003	220.00	-9.00	0.00003
220.00	-11.00	0.00003	220.00	-13.00	0.00003
220.00	-15.00	0.00003	220.00	-17.00	0.00003
220.00	-20.00	0.00003	220.00	-25.00	0.00002
220.00	-30.00	0.00002	220.00	-40.00	0.00002
220.00	-50.00	0.00002	220.00	-60.00	0.00002
220.00	-70.00	0.00002	220.00	-80.00	0.00002
220.00	-90.00	0.00002	220.00	-100.00	0.00002

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00003	230.00	90.00	0.00003
230.00	80.00	0.00003	230.00	70.00	0.00003
230.00	60.00	0.00003	230.00	50.00	0.00003
230.00	40.00	0.00003	230.00	30.00	0.00003
230.00	25.00	0.00003	230.00	20.00	0.00003
230.00	17.00	0.00003	230.00	15.00	0.00003
230.00	13.00	0.00003	230.00	11.00	0.00003
230.00	9.00	0.00003	230.00	-9.00	0.00003
230.00	-11.00	0.00003	230.00	-13.00	0.00002

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

230.00	-15.00	0.00002	230.00	-17.00	0.00002
230.00	-20.00	0.00002	230.00	-25.00	0.00002
230.00	-30.00	0.00002	230.00	-40.00	0.00002
230.00	-50.00	0.00002	230.00	-60.00	0.00002
230.00	-70.00	0.00002	230.00	-80.00	0.00002
230.00	-90.00	0.00002	230.00	-100.00	0.00002
240.00	100.00	0.00003	240.00	90.00	0.00003
240.00	80.00	0.00003	240.00	70.00	0.00003
240.00	60.00	0.00003	240.00	50.00	0.00003
240.00	40.00	0.00003	240.00	30.00	0.00003
240.00	25.00	0.00003	240.00	20.00	0.00003
240.00	17.00	0.00003	240.00	15.00	0.00003
240.00	13.00	0.00003	240.00	11.00	0.00003
240.00	9.00	0.00003	240.00	-9.00	0.00002
240.00	-11.00	0.00002	240.00	-13.00	0.00002
240.00	-15.00	0.00002	240.00	-17.00	0.00002
240.00	-20.00	0.00002	240.00	-25.00	0.00002
240.00	-30.00	0.00002	240.00	-40.00	0.00002
240.00	-50.00	0.00002	240.00	-60.00	0.00002
240.00	-70.00	0.00002	240.00	-80.00	0.00002
240.00	-90.00	0.00002	240.00	-100.00	0.00002
250.00	100.00	0.00003	250.00	90.00	0.00003
250.00	80.00	0.00003	250.00	70.00	0.00003
250.00	60.00	0.00003	250.00	50.00	0.00003
250.00	40.00	0.00003	250.00	30.00	0.00003
250.00	25.00	0.00003	250.00	20.00	0.00003
250.00	17.00	0.00003	250.00	15.00	0.00003
250.00	13.00	0.00003	250.00	11.00	0.00003
250.00	9.00	0.00003	250.00	-9.00	0.00002
250.00	-11.00	0.00002	250.00	-13.00	0.00002
250.00	-15.00	0.00002	250.00	-17.00	0.00002

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00002	250.00	-25.00	0.00002
250.00	-30.00	0.00002	250.00	-40.00	0.00002
250.00	-50.00	0.00002	250.00	-60.00	0.00002

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

250.00 -70.00 0.00002 250.00 -80.00 0.00002
250.00 -90.00 0.00002 250.00 -100.00 0.00002

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00116	-250.00	90.00	0.00121
-250.00	80.00	0.00125	-250.00	70.00	0.00128
-250.00	60.00	0.00132	-250.00	50.00	0.00134
-250.00	40.00	0.00137	-250.00	30.00	0.00141
-250.00	25.00	0.00144	-250.00	20.00	0.00150
-250.00	17.00	0.00155	-250.00	15.00	0.00159
-250.00	13.00	0.00163	-250.00	11.00	0.00169
-250.00	9.00	0.00175	-250.00	-9.00	0.00289
-250.00	-11.00	0.00301	-250.00	-13.00	0.00312
-250.00	-15.00	0.00321	-250.00	-17.00	0.00329
-250.00	-20.00	0.00338	-250.00	-25.00	0.00346
-250.00	-30.00	0.00349	-250.00	-40.00	0.00344
-250.00	-50.00	0.00331	-250.00	-60.00	0.00314
-250.00	-70.00	0.00296	-250.00	-80.00	0.00278
-250.00	-90.00	0.00260	-250.00	-100.00	0.00244
-240.00	100.00	0.00142	-240.00	90.00	0.00150
-240.00	80.00	0.00158	-240.00	70.00	0.00166
-240.00	60.00	0.00174	-240.00	50.00	0.00179
-240.00	40.00	0.00182	-240.00	30.00	0.00181
-240.00	25.00	0.00181	-240.00	20.00	0.00182
-240.00	17.00	0.00184	-240.00	15.00	0.00187
-240.00	13.00	0.00191	-240.00	11.00	0.00197
-240.00	9.00	0.00203	-240.00	-9.00	0.00365
-240.00	-11.00	0.00379	-240.00	-13.00	0.00390
-240.00	-15.00	0.00399	-240.00	-17.00	0.00405
-240.00	-20.00	0.00412	-240.00	-25.00	0.00416
-240.00	-30.00	0.00415	-240.00	-40.00	0.00401
-240.00	-50.00	0.00379	-240.00	-60.00	0.00354
-240.00	-70.00	0.00328	-240.00	-80.00	0.00304
-240.00	-90.00	0.00282	-240.00	-100.00	0.00261
-230.00	100.00	0.00171	-230.00	90.00	0.00184
-230.00	80.00	0.00199	-230.00	70.00	0.00215

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-230.00	60.00	0.00233	-230.00	50.00	0.00251
-230.00	40.00	0.00268	-230.00	30.00	0.00280
-230.00	25.00	0.00281	-230.00	20.00	0.00278
-230.00	17.00	0.00273	-230.00	15.00	0.00270
-230.00	13.00	0.00266	-230.00	11.00	0.00263
-230.00	9.00	0.00263	-230.00	-9.00	0.00485
-230.00	-11.00	0.00494	-230.00	-13.00	0.00501
-230.00	-15.00	0.00505	-230.00	-17.00	0.00507

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00507	-230.00	-25.00	0.00502
-230.00	-30.00	0.00491	-230.00	-40.00	0.00461
-230.00	-50.00	0.00425	-230.00	-60.00	0.00390
-230.00	-70.00	0.00357	-230.00	-80.00	0.00328
-230.00	-90.00	0.00301	-230.00	-100.00	0.00278
-220.00	100.00	0.00198	-220.00	90.00	0.00216
-220.00	80.00	0.00237	-220.00	70.00	0.00262
-220.00	60.00	0.00291	-220.00	50.00	0.00325
-220.00	40.00	0.00363	-220.00	30.00	0.00407
-220.00	25.00	0.00431	-220.00	20.00	0.00455
-220.00	17.00	0.00470	-220.00	15.00	0.00480
-220.00	13.00	0.00491	-220.00	11.00	0.00504
-220.00	9.00	0.00520	-220.00	-9.00	0.00618
-220.00	-11.00	0.00610	-220.00	-13.00	0.00604
-220.00	-15.00	0.00599	-220.00	-17.00	0.00594
-220.00	-20.00	0.00585	-220.00	-25.00	0.00568
-220.00	-30.00	0.00549	-220.00	-40.00	0.00506
-220.00	-50.00	0.00462	-220.00	-60.00	0.00419
-220.00	-70.00	0.00381	-220.00	-80.00	0.00347
-220.00	-90.00	0.00317	-220.00	-100.00	0.00291
-210.00	100.00	0.00221	-210.00	90.00	0.00243
-210.00	80.00	0.00270	-210.00	70.00	0.00301
-210.00	60.00	0.00338	-210.00	50.00	0.00382
-210.00	40.00	0.00434	-210.00	30.00	0.00495
-210.00	25.00	0.00527	-210.00	20.00	0.00561
-210.00	17.00	0.00581	-210.00	15.00	0.00593

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-210.00	13.00	0.00604	-210.00	11.00	0.00615
-210.00	9.00	0.00627	-210.00	-9.00	0.00652
-210.00	-11.00	0.00645	-210.00	-13.00	0.00640
-210.00	-15.00	0.00635	-210.00	-17.00	0.00631
-210.00	-20.00	0.00622	-210.00	-25.00	0.00604
-210.00	-30.00	0.00583	-210.00	-40.00	0.00536
-210.00	-50.00	0.00487	-210.00	-60.00	0.00441
-210.00	-70.00	0.00399	-210.00	-80.00	0.00362
-210.00	-90.00	0.00330	-210.00	-100.00	0.00302
-200.00	100.00	0.00241	-200.00	90.00	0.00267
-200.00	80.00	0.00297	-200.00	70.00	0.00333
-200.00	60.00	0.00375	-200.00	50.00	0.00425
-200.00	40.00	0.00484	-200.00	30.00	0.00550
-200.00	25.00	0.00586	-200.00	20.00	0.00620

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00638	-200.00	15.00	0.00649
-200.00	13.00	0.00658	-200.00	11.00	0.00666
-200.00	9.00	0.00675	-200.00	-9.00	0.00672
-200.00	-11.00	0.00665	-200.00	-13.00	0.00659
-200.00	-15.00	0.00654	-200.00	-17.00	0.00649
-200.00	-20.00	0.00641	-200.00	-25.00	0.00624
-200.00	-30.00	0.00603	-200.00	-40.00	0.00556
-200.00	-50.00	0.00505	-200.00	-60.00	0.00457
-200.00	-70.00	0.00413	-200.00	-80.00	0.00374
-200.00	-90.00	0.00341	-200.00	-100.00	0.00312
-190.00	100.00	0.00259	-190.00	90.00	0.00287
-190.00	80.00	0.00319	-190.00	70.00	0.00358
-190.00	60.00	0.00403	-190.00	50.00	0.00457
-190.00	40.00	0.00518	-190.00	30.00	0.00587
-190.00	25.00	0.00622	-190.00	20.00	0.00654
-190.00	17.00	0.00672	-190.00	15.00	0.00681
-190.00	13.00	0.00689	-190.00	11.00	0.00696
-190.00	9.00	0.00702	-190.00	-9.00	0.00686
-190.00	-11.00	0.00679	-190.00	-13.00	0.00673
-190.00	-15.00	0.00668	-190.00	-17.00	0.00663

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-190.00	-20.00	0.00654	-190.00	-25.00	0.00636
-190.00	-30.00	0.00615	-190.00	-40.00	0.00568
-190.00	-50.00	0.00517	-190.00	-60.00	0.00468
-190.00	-70.00	0.00424	-190.00	-80.00	0.00384
-190.00	-90.00	0.00349	-190.00	-100.00	0.00319
-180.00	100.00	0.00273	-180.00	90.00	0.00303
-180.00	80.00	0.00337	-180.00	70.00	0.00378
-180.00	60.00	0.00425	-180.00	50.00	0.00480
-180.00	40.00	0.00543	-180.00	30.00	0.00611
-180.00	25.00	0.00645	-180.00	20.00	0.00677
-180.00	17.00	0.00693	-180.00	15.00	0.00702
-180.00	13.00	0.00709	-180.00	11.00	0.00715
-180.00	9.00	0.00720	-180.00	-9.00	0.00696
-180.00	-11.00	0.00689	-180.00	-13.00	0.00683
-180.00	-15.00	0.00678	-180.00	-17.00	0.00673
-180.00	-20.00	0.00664	-180.00	-25.00	0.00646
-180.00	-30.00	0.00625	-180.00	-40.00	0.00576
-180.00	-50.00	0.00525	-180.00	-60.00	0.00476
-180.00	-70.00	0.00431	-180.00	-80.00	0.00391
-180.00	-90.00	0.00356	-180.00	-100.00	0.00325

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTs:
 PAGE 126

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00286	-170.00	90.00	0.00316
-170.00	80.00	0.00352	-170.00	70.00	0.00393
-170.00	60.00	0.00442	-170.00	50.00	0.00498
-170.00	40.00	0.00561	-170.00	30.00	0.00628
-170.00	25.00	0.00662	-170.00	20.00	0.00692
-170.00	17.00	0.00708	-170.00	15.00	0.00716
-170.00	13.00	0.00723	-170.00	11.00	0.00728
-170.00	9.00	0.00733	-170.00	-9.00	0.00704
-170.00	-11.00	0.00697	-170.00	-13.00	0.00691
-170.00	-15.00	0.00686	-170.00	-17.00	0.00681
-170.00	-20.00	0.00671	-170.00	-25.00	0.00653
-170.00	-30.00	0.00632	-170.00	-40.00	0.00583
-170.00	-50.00	0.00531	-170.00	-60.00	0.00482
-170.00	-70.00	0.00437	-170.00	-80.00	0.00397

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-170.00	-90.00	0.00361	-170.00	-100.00	0.00330
-160.00	100.00	0.00296	-160.00	90.00	0.00327
-160.00	80.00	0.00363	-160.00	70.00	0.00406
-160.00	60.00	0.00455	-160.00	50.00	0.00511
-160.00	40.00	0.00574	-160.00	30.00	0.00640
-160.00	25.00	0.00673	-160.00	20.00	0.00704
-160.00	17.00	0.00719	-160.00	15.00	0.00727
-160.00	13.00	0.00733	-160.00	11.00	0.00737
-160.00	9.00	0.00742	-160.00	-9.00	0.00710
-160.00	-11.00	0.00702	-160.00	-13.00	0.00697
-160.00	-15.00	0.00692	-160.00	-17.00	0.00686
-160.00	-20.00	0.00677	-160.00	-25.00	0.00659
-160.00	-30.00	0.00637	-160.00	-40.00	0.00588
-160.00	-50.00	0.00536	-160.00	-60.00	0.00486
-160.00	-70.00	0.00441	-160.00	-80.00	0.00400
-160.00	-90.00	0.00365	-160.00	-100.00	0.00333
-150.00	100.00	0.00304	-150.00	90.00	0.00336
-150.00	80.00	0.00373	-150.00	70.00	0.00416
-150.00	60.00	0.00465	-150.00	50.00	0.00521
-150.00	40.00	0.00583	-150.00	30.00	0.00649
-150.00	25.00	0.00683	-150.00	20.00	0.00713
-150.00	17.00	0.00727	-150.00	15.00	0.00735
-150.00	13.00	0.00741	-150.00	11.00	0.00745
-150.00	9.00	0.00749	-150.00	-9.00	0.00715
-150.00	-11.00	0.00707	-150.00	-13.00	0.00701
-150.00	-15.00	0.00696	-150.00	-17.00	0.00691

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTS:

PAGE 127

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00681	-150.00	-25.00	0.00664
-150.00	-30.00	0.00642	-150.00	-40.00	0.00592
-150.00	-50.00	0.00540	-150.00	-60.00	0.00490
-150.00	-70.00	0.00444	-150.00	-80.00	0.00403
-150.00	-90.00	0.00367	-150.00	-100.00	0.00336
-140.00	100.00	0.00312	-140.00	90.00	0.00344
-140.00	80.00	0.00381	-140.00	70.00	0.00424
-140.00	60.00	0.00473	-140.00	50.00	0.00529

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-140.00	40.00	0.00591	-140.00	30.00	0.00657
-140.00	25.00	0.00689	-140.00	20.00	0.00719
-140.00	17.00	0.00733	-140.00	15.00	0.00740
-140.00	13.00	0.00746	-140.00	11.00	0.00751
-140.00	9.00	0.00756	-140.00	-9.00	0.00719
-140.00	-11.00	0.00711	-140.00	-13.00	0.00705
-140.00	-15.00	0.00699	-140.00	-17.00	0.00694
-140.00	-20.00	0.00685	-140.00	-25.00	0.00667
-140.00	-30.00	0.00645	-140.00	-40.00	0.00595
-140.00	-50.00	0.00543	-140.00	-60.00	0.00492
-140.00	-70.00	0.00446	-140.00	-80.00	0.00405
-140.00	-90.00	0.00369	-140.00	-100.00	0.00338
-130.00	100.00	0.00318	-130.00	90.00	0.00350
-130.00	80.00	0.00387	-130.00	70.00	0.00430
-130.00	60.00	0.00479	-130.00	50.00	0.00535
-130.00	40.00	0.00597	-130.00	30.00	0.00662
-130.00	25.00	0.00695	-130.00	20.00	0.00724
-130.00	17.00	0.00738	-130.00	15.00	0.00745
-130.00	13.00	0.00751	-130.00	11.00	0.00756
-130.00	9.00	0.00760	-130.00	-9.00	0.00722
-130.00	-11.00	0.00714	-130.00	-13.00	0.00707
-130.00	-15.00	0.00702	-130.00	-17.00	0.00697
-130.00	-20.00	0.00688	-130.00	-25.00	0.00669
-130.00	-30.00	0.00647	-130.00	-40.00	0.00598
-130.00	-50.00	0.00545	-130.00	-60.00	0.00495
-130.00	-70.00	0.00448	-130.00	-80.00	0.00407
-130.00	-90.00	0.00371	-130.00	-100.00	0.00339
-120.00	100.00	0.00323	-120.00	90.00	0.00355
-120.00	80.00	0.00392	-120.00	70.00	0.00435
-120.00	60.00	0.00484	-120.00	50.00	0.00540
-120.00	40.00	0.00602	-120.00	30.00	0.00667
-120.00	25.00	0.00699	-120.00	20.00	0.00727

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTS:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00742	-120.00	15.00	0.00749
-120.00	13.00	0.00754	-120.00	11.00	0.00759

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-120.00	9.00	0.00763	-120.00	-9.00	0.00723
-120.00	-11.00	0.00715	-120.00	-13.00	0.00709
-120.00	-15.00	0.00704	-120.00	-17.00	0.00699
-120.00	-20.00	0.00689	-120.00	-25.00	0.00671
-120.00	-30.00	0.00649	-120.00	-40.00	0.00600
-120.00	-50.00	0.00547	-120.00	-60.00	0.00496
-120.00	-70.00	0.00450	-120.00	-80.00	0.00408
-120.00	-90.00	0.00372	-120.00	-100.00	0.00340
-110.00	100.00	0.00327	-110.00	90.00	0.00359
-110.00	80.00	0.00397	-110.00	70.00	0.00440
-110.00	60.00	0.00489	-110.00	50.00	0.00544
-110.00	40.00	0.00606	-110.00	30.00	0.00670
-110.00	25.00	0.00702	-110.00	20.00	0.00731
-110.00	17.00	0.00745	-110.00	15.00	0.00752
-110.00	13.00	0.00757	-110.00	11.00	0.00761
-110.00	9.00	0.00765	-110.00	-9.00	0.00725
-110.00	-11.00	0.00717	-110.00	-13.00	0.00711
-110.00	-15.00	0.00706	-110.00	-17.00	0.00700
-110.00	-20.00	0.00691	-110.00	-25.00	0.00673
-110.00	-30.00	0.00651	-110.00	-40.00	0.00601
-110.00	-50.00	0.00548	-110.00	-60.00	0.00497
-110.00	-70.00	0.00451	-110.00	-80.00	0.00409
-110.00	-90.00	0.00372	-110.00	-100.00	0.00340
-100.00	100.00	0.00331	-100.00	90.00	0.00363
-100.00	80.00	0.00400	-100.00	70.00	0.00443
-100.00	60.00	0.00492	-100.00	50.00	0.00547
-100.00	40.00	0.00609	-100.00	30.00	0.00673
-100.00	25.00	0.00705	-100.00	20.00	0.00733
-100.00	17.00	0.00747	-100.00	15.00	0.00754
-100.00	13.00	0.00759	-100.00	11.00	0.00763
-100.00	9.00	0.00767	-100.00	-9.00	0.00726
-100.00	-11.00	0.00718	-100.00	-13.00	0.00712
-100.00	-15.00	0.00706	-100.00	-17.00	0.00701
-100.00	-20.00	0.00692	-100.00	-25.00	0.00674
-100.00	-30.00	0.00652	-100.00	-40.00	0.00602
-100.00	-50.00	0.00549	-100.00	-60.00	0.00498
-100.00	-70.00	0.00451	-100.00	-80.00	0.00409
-100.00	-90.00	0.00373	-100.00	-100.00	0.00340

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTS:
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00334	-90.00	90.00	0.00366
-90.00	80.00	0.00403	-90.00	70.00	0.00446
-90.00	60.00	0.00495	-90.00	50.00	0.00550
-90.00	40.00	0.00611	-90.00	30.00	0.00675
-90.00	25.00	0.00707	-90.00	20.00	0.00735
-90.00	17.00	0.00748	-90.00	15.00	0.00756
-90.00	13.00	0.00761	-90.00	11.00	0.00765
-90.00	9.00	0.00769	-90.00	-9.00	0.00727
-90.00	-11.00	0.00719	-90.00	-13.00	0.00713
-90.00	-15.00	0.00707	-90.00	-17.00	0.00701
-90.00	-20.00	0.00692	-90.00	-25.00	0.00674
-90.00	-30.00	0.00652	-90.00	-40.00	0.00602
-90.00	-50.00	0.00549	-90.00	-60.00	0.00498
-90.00	-70.00	0.00451	-90.00	-80.00	0.00410
-90.00	-90.00	0.00373	-90.00	-100.00	0.00340
-80.00	100.00	0.00336	-80.00	90.00	0.00368
-80.00	80.00	0.00405	-80.00	70.00	0.00448
-80.00	60.00	0.00497	-80.00	50.00	0.00552
-80.00	40.00	0.00613	-80.00	30.00	0.00677
-80.00	25.00	0.00708	-80.00	20.00	0.00736
-80.00	17.00	0.00750	-80.00	15.00	0.00757
-80.00	13.00	0.00763	-80.00	11.00	0.00766
-80.00	9.00	0.00770	-80.00	-9.00	0.00728
-80.00	-11.00	0.00719	-80.00	-13.00	0.00713
-80.00	-15.00	0.00708	-80.00	-17.00	0.00702
-80.00	-20.00	0.00693	-80.00	-25.00	0.00674
-80.00	-30.00	0.00652	-80.00	-40.00	0.00602
-80.00	-50.00	0.00549	-80.00	-60.00	0.00498
-80.00	-70.00	0.00451	-80.00	-80.00	0.00409
-80.00	-90.00	0.00372	-80.00	-100.00	0.00340
-70.00	100.00	0.00338	-70.00	90.00	0.00370
-70.00	80.00	0.00407	-70.00	70.00	0.00450
-70.00	60.00	0.00499	-70.00	50.00	0.00554
-70.00	40.00	0.00614	-70.00	30.00	0.00678
-70.00	25.00	0.00709	-70.00	20.00	0.00737
-70.00	17.00	0.00751	-70.00	15.00	0.00758
-70.00	13.00	0.00763	-70.00	11.00	0.00767
-70.00	9.00	0.00771	-70.00	-9.00	0.00728
-70.00	-11.00	0.00720	-70.00	-13.00	0.00713
-70.00	-15.00	0.00708	-70.00	-17.00	0.00702

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:29:17

**MODELOPTs:

PAGE 130

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00693	-70.00	-25.00	0.00674
-70.00	-30.00	0.00652	-70.00	-40.00	0.00602
-70.00	-50.00	0.00549	-70.00	-60.00	0.00498
-70.00	-70.00	0.00451	-70.00	-80.00	0.00409
-70.00	-90.00	0.00372	-70.00	-100.00	0.00339
-60.00	100.00	0.00340	-60.00	90.00	0.00372
-60.00	80.00	0.00409	-60.00	70.00	0.00452
-60.00	60.00	0.00500	-60.00	50.00	0.00555
-60.00	40.00	0.00615	-60.00	30.00	0.00679
-60.00	25.00	0.00710	-60.00	20.00	0.00739
-60.00	17.00	0.00752	-60.00	15.00	0.00759
-60.00	13.00	0.00764	-60.00	11.00	0.00768
-60.00	9.00	0.00771	-60.00	-9.00	0.00729
-60.00	-11.00	0.00720	-60.00	-13.00	0.00713
-60.00	-15.00	0.00708	-60.00	-17.00	0.00702
-60.00	-20.00	0.00692	-60.00	-25.00	0.00674
-60.00	-30.00	0.00652	-60.00	-40.00	0.00602
-60.00	-50.00	0.00549	-60.00	-60.00	0.00497
-60.00	-70.00	0.00450	-60.00	-80.00	0.00408
-60.00	-90.00	0.00371	-60.00	-100.00	0.00338
-50.00	100.00	0.00341	-50.00	90.00	0.00373
-50.00	80.00	0.00410	-50.00	70.00	0.00453
-50.00	60.00	0.00501	-50.00	50.00	0.00556
-50.00	40.00	0.00616	-50.00	30.00	0.00679
-50.00	25.00	0.00711	-50.00	20.00	0.00739
-50.00	17.00	0.00752	-50.00	15.00	0.00759
-50.00	13.00	0.00765	-50.00	11.00	0.00769
-50.00	9.00	0.00773	-50.00	-9.00	0.00729
-50.00	-11.00	0.00720	-50.00	-13.00	0.00713
-50.00	-15.00	0.00707	-50.00	-17.00	0.00701
-50.00	-20.00	0.00692	-50.00	-25.00	0.00673
-50.00	-30.00	0.00651	-50.00	-40.00	0.00601
-50.00	-50.00	0.00548	-50.00	-60.00	0.00496
-50.00	-70.00	0.00449	-50.00	-80.00	0.00407

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-50.00	-90.00	0.00370	-50.00	-100.00	0.00337
-40.00	100.00	0.00342	-40.00	90.00	0.00374
-40.00	80.00	0.00411	-40.00	70.00	0.00454
-40.00	60.00	0.00502	-40.00	50.00	0.00557
-40.00	40.00	0.00617	-40.00	30.00	0.00680
-40.00	25.00	0.00711	-40.00	20.00	0.00739

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00753	-40.00	15.00	0.00759
-40.00	13.00	0.00765	-40.00	11.00	0.00769
-40.00	9.00	0.00773	-40.00	-9.00	0.00728
-40.00	-11.00	0.00719	-40.00	-13.00	0.00712
-40.00	-15.00	0.00707	-40.00	-17.00	0.00701
-40.00	-20.00	0.00691	-40.00	-25.00	0.00672
-40.00	-30.00	0.00650	-40.00	-40.00	0.00600
-40.00	-50.00	0.00547	-40.00	-60.00	0.00495
-40.00	-70.00	0.00448	-40.00	-80.00	0.00406
-40.00	-90.00	0.00369	-40.00	-100.00	0.00335
-30.00	100.00	0.00343	-30.00	90.00	0.00375
-30.00	80.00	0.00412	-30.00	70.00	0.00454
-30.00	60.00	0.00503	-30.00	50.00	0.00557
-30.00	40.00	0.00617	-30.00	30.00	0.00680
-30.00	25.00	0.00711	-30.00	20.00	0.00739
-30.00	17.00	0.00752	-30.00	15.00	0.00759
-30.00	13.00	0.00764	-30.00	11.00	0.00768
-30.00	9.00	0.00772	-30.00	-9.00	0.00726
-30.00	-11.00	0.00718	-30.00	-13.00	0.00712
-30.00	-15.00	0.00706	-30.00	-17.00	0.00700
-30.00	-20.00	0.00690	-30.00	-25.00	0.00671
-30.00	-30.00	0.00649	-30.00	-40.00	0.00599
-30.00	-50.00	0.00545	-30.00	-60.00	0.00494
-30.00	-70.00	0.00447	-30.00	-80.00	0.00404
-30.00	-90.00	0.00367	-30.00	-100.00	0.00334
-20.00	100.00	0.00344	-20.00	90.00	0.00376
-20.00	80.00	0.00412	-20.00	70.00	0.00455
-20.00	60.00	0.00503	-20.00	50.00	0.00557

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

-20.00	40.00	0.00617	-20.00	30.00	0.00680
-20.00	25.00	0.00711	-20.00	20.00	0.00739
-20.00	17.00	0.00752	-20.00	15.00	0.00759
-20.00	13.00	0.00764	-20.00	11.00	0.00767
-20.00	9.00	0.00771	-20.00	-9.00	0.00725
-20.00	-11.00	0.00717	-20.00	-13.00	0.00710
-20.00	-15.00	0.00705	-20.00	-17.00	0.00699
-20.00	-20.00	0.00689	-20.00	-25.00	0.00670
-20.00	-30.00	0.00648	-20.00	-40.00	0.00597
-20.00	-50.00	0.00544	-20.00	-60.00	0.00492
-20.00	-70.00	0.00445	-20.00	-80.00	0.00402
-20.00	-90.00	0.00365	-20.00	-100.00	0.00332

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:
 PAGE 132

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00344	-10.00	90.00	0.00376
-10.00	80.00	0.00413	-10.00	70.00	0.00455
-10.00	60.00	0.00503	-10.00	50.00	0.00557
-10.00	40.00	0.00617	-10.00	30.00	0.00680
-10.00	25.00	0.00711	-10.00	20.00	0.00738
-10.00	17.00	0.00752	-10.00	15.00	0.00758
-10.00	13.00	0.00763	-10.00	11.00	0.00767
-10.00	9.00	0.00770	-10.00	-9.00	0.00724
-10.00	-11.00	0.00716	-10.00	-13.00	0.00709
-10.00	-15.00	0.00703	-10.00	-17.00	0.00697
-10.00	-20.00	0.00687	-10.00	-25.00	0.00668
-10.00	-30.00	0.00646	-10.00	-40.00	0.00595
-10.00	-50.00	0.00542	-10.00	-60.00	0.00490
-10.00	-70.00	0.00443	-10.00	-80.00	0.00400
-10.00	-90.00	0.00362	-10.00	-100.00	0.00329
0.00	100.00	0.00344	0.00	90.00	0.00376
0.00	80.00	0.00413	0.00	70.00	0.00455
0.00	60.00	0.00503	0.00	50.00	0.00557
0.00	40.00	0.00617	0.00	30.00	0.00680
0.00	25.00	0.00710	0.00	20.00	0.00738
0.00	17.00	0.00751	0.00	15.00	0.00758
0.00	13.00	0.00763	0.00	11.00	0.00766

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

0.00	9.00	0.00769	0.00	-9.00	0.00723
0.00	-11.00	0.00714	0.00	-13.00	0.00707
0.00	-15.00	0.00701	0.00	-17.00	0.00695
0.00	-20.00	0.00686	0.00	-25.00	0.00667
0.00	-30.00	0.00644	0.00	-40.00	0.00593
0.00	-50.00	0.00540	0.00	-60.00	0.00488
0.00	-70.00	0.00440	0.00	-80.00	0.00398
0.00	-90.00	0.00360	0.00	-100.00	0.00326
10.00	100.00	0.00344	10.00	90.00	0.00376
10.00	80.00	0.00413	10.00	70.00	0.00455
10.00	60.00	0.00502	10.00	50.00	0.00557
10.00	40.00	0.00616	10.00	30.00	0.00679
10.00	25.00	0.00710	10.00	20.00	0.00737
10.00	17.00	0.00750	10.00	15.00	0.00757
10.00	13.00	0.00762	10.00	11.00	0.00765
10.00	9.00	0.00768	10.00	-9.00	0.00721
10.00	-11.00	0.00712	10.00	-13.00	0.00706
10.00	-15.00	0.00700	10.00	-17.00	0.00694

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTs:
 PAGE 133

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00684	10.00	-25.00	0.00664
10.00	-30.00	0.00642	10.00	-40.00	0.00591
10.00	-50.00	0.00537	10.00	-60.00	0.00485
10.00	-70.00	0.00437	10.00	-80.00	0.00395
10.00	-90.00	0.00357	10.00	-100.00	0.00323
20.00	100.00	0.00344	20.00	90.00	0.00376
20.00	80.00	0.00412	20.00	70.00	0.00454
20.00	60.00	0.00502	20.00	50.00	0.00556
20.00	40.00	0.00615	20.00	30.00	0.00678
20.00	25.00	0.00708	20.00	20.00	0.00736
20.00	17.00	0.00749	20.00	15.00	0.00756
20.00	13.00	0.00760	20.00	11.00	0.00764
20.00	9.00	0.00767	20.00	-9.00	0.00719
20.00	-11.00	0.00710	20.00	-13.00	0.00704
20.00	-15.00	0.00698	20.00	-17.00	0.00691
20.00	-20.00	0.00681	20.00	-25.00	0.00662

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

20.00	-30.00	0.00639	20.00	-40.00	0.00588
20.00	-50.00	0.00534	20.00	-60.00	0.00482
20.00	-70.00	0.00434	20.00	-80.00	0.00391
20.00	-90.00	0.00353	20.00	-100.00	0.00320
30.00	100.00	0.00344	30.00	90.00	0.00376
30.00	80.00	0.00412	30.00	70.00	0.00454
30.00	60.00	0.00501	30.00	50.00	0.00555
30.00	40.00	0.00614	30.00	30.00	0.00676
30.00	25.00	0.00707	30.00	20.00	0.00735
30.00	17.00	0.00748	30.00	15.00	0.00754
30.00	13.00	0.00759	30.00	11.00	0.00762
30.00	9.00	0.00765	30.00	-9.00	0.00718
30.00	-11.00	0.00708	30.00	-13.00	0.00701
30.00	-15.00	0.00695	30.00	-17.00	0.00689
30.00	-20.00	0.00678	30.00	-25.00	0.00659
30.00	-30.00	0.00636	30.00	-40.00	0.00585
30.00	-50.00	0.00531	30.00	-60.00	0.00478
30.00	-70.00	0.00430	30.00	-80.00	0.00387
30.00	-90.00	0.00349	30.00	-100.00	0.00316
40.00	100.00	0.00343	40.00	90.00	0.00375
40.00	80.00	0.00411	40.00	70.00	0.00453
40.00	60.00	0.00500	40.00	50.00	0.00554
40.00	40.00	0.00613	40.00	30.00	0.00675
40.00	25.00	0.00706	40.00	20.00	0.00733

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00746	40.00	15.00	0.00752
40.00	13.00	0.00757	40.00	11.00	0.00761
40.00	9.00	0.00765	40.00	-9.00	0.00715
40.00	-11.00	0.00706	40.00	-13.00	0.00698
40.00	-15.00	0.00692	40.00	-17.00	0.00686
40.00	-20.00	0.00675	40.00	-25.00	0.00656
40.00	-30.00	0.00633	40.00	-40.00	0.00581
40.00	-50.00	0.00527	40.00	-60.00	0.00474
40.00	-70.00	0.00426	40.00	-80.00	0.00383
40.00	-90.00	0.00345	40.00	-100.00	0.00312

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

50.00	100.00	0.00343	50.00	90.00	0.00374
50.00	80.00	0.00410	50.00	70.00	0.00452
50.00	60.00	0.00499	50.00	50.00	0.00553
50.00	40.00	0.00612	50.00	30.00	0.00674
50.00	25.00	0.00704	50.00	20.00	0.00731
50.00	17.00	0.00744	50.00	15.00	0.00751
50.00	13.00	0.00755	50.00	11.00	0.00759
50.00	9.00	0.00762	50.00	-9.00	0.00712
50.00	-11.00	0.00702	50.00	-13.00	0.00695
50.00	-15.00	0.00689	50.00	-17.00	0.00682
50.00	-20.00	0.00672	50.00	-25.00	0.00652
50.00	-30.00	0.00629	50.00	-40.00	0.00577
50.00	-50.00	0.00522	50.00	-60.00	0.00470
50.00	-70.00	0.00421	50.00	-80.00	0.00378
50.00	-90.00	0.00340	50.00	-100.00	0.00307
60.00	100.00	0.00342	60.00	90.00	0.00373
60.00	80.00	0.00409	60.00	70.00	0.00451
60.00	60.00	0.00498	60.00	50.00	0.00551
60.00	40.00	0.00610	60.00	30.00	0.00672
60.00	25.00	0.00702	60.00	20.00	0.00729
60.00	17.00	0.00742	60.00	15.00	0.00748
60.00	13.00	0.00753	60.00	11.00	0.00756
60.00	9.00	0.00759	60.00	-9.00	0.00707
60.00	-11.00	0.00698	60.00	-13.00	0.00691
60.00	-15.00	0.00685	60.00	-17.00	0.00678
60.00	-20.00	0.00668	60.00	-25.00	0.00648
60.00	-30.00	0.00624	60.00	-40.00	0.00572
60.00	-50.00	0.00517	60.00	-60.00	0.00465
60.00	-70.00	0.00416	60.00	-80.00	0.00373
60.00	-90.00	0.00335	60.00	-100.00	0.00302

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:29:17
 **MODELOPTs:
 PAGE 135

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00341	70.00	90.00	0.00372
70.00	80.00	0.00408	70.00	70.00	0.00449
70.00	60.00	0.00496	70.00	50.00	0.00550
70.00	40.00	0.00608	70.00	30.00	0.00670

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

70.00	25.00	0.00700	70.00	20.00	0.00727
70.00	17.00	0.00739	70.00	15.00	0.00746
70.00	13.00	0.00750	70.00	11.00	0.00753
70.00	9.00	0.00756	70.00	-9.00	0.00703
70.00	-11.00	0.00694	70.00	-13.00	0.00687
70.00	-15.00	0.00680	70.00	-17.00	0.00674
70.00	-20.00	0.00663	70.00	-25.00	0.00643
70.00	-30.00	0.00619	70.00	-40.00	0.00567
70.00	-50.00	0.00512	70.00	-60.00	0.00458
70.00	-70.00	0.00410	70.00	-80.00	0.00366
70.00	-90.00	0.00329	70.00	-100.00	0.00296
80.00	100.00	0.00339	80.00	90.00	0.00371
80.00	80.00	0.00407	80.00	70.00	0.00448
80.00	60.00	0.00495	80.00	50.00	0.00548
80.00	40.00	0.00606	80.00	30.00	0.00668
80.00	25.00	0.00697	80.00	20.00	0.00724
80.00	17.00	0.00736	80.00	15.00	0.00743
80.00	13.00	0.00747	80.00	11.00	0.00750
80.00	9.00	0.00753	80.00	-9.00	0.00699
80.00	-11.00	0.00689	80.00	-13.00	0.00682
80.00	-15.00	0.00675	80.00	-17.00	0.00668
80.00	-20.00	0.00658	80.00	-25.00	0.00637
80.00	-30.00	0.00614	80.00	-40.00	0.00561
80.00	-50.00	0.00505	80.00	-60.00	0.00451
80.00	-70.00	0.00403	80.00	-80.00	0.00359
80.00	-90.00	0.00322	80.00	-100.00	0.00289
90.00	100.00	0.00338	90.00	90.00	0.00369
90.00	80.00	0.00405	90.00	70.00	0.00446
90.00	60.00	0.00492	90.00	50.00	0.00545
90.00	40.00	0.00604	90.00	30.00	0.00665
90.00	25.00	0.00695	90.00	20.00	0.00721
90.00	17.00	0.00733	90.00	15.00	0.00739
90.00	13.00	0.00743	90.00	11.00	0.00746
90.00	9.00	0.00749	90.00	-9.00	0.00693
90.00	-11.00	0.00684	90.00	-13.00	0.00676
90.00	-15.00	0.00669	90.00	-17.00	0.00662

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
 PAGE 136

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

09NCRA_NAPA00-300_DPM_TRAV ANN E-W Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00651	90.00	-25.00	0.00631
90.00	-30.00	0.00607	90.00	-40.00	0.00553
90.00	-50.00	0.00497	90.00	-60.00	0.00443
90.00	-70.00	0.00395	90.00	-80.00	0.00352
90.00	-90.00	0.00314	90.00	-100.00	0.00282
100.00	100.00	0.00336	100.00	90.00	0.00367
100.00	80.00	0.00403	100.00	70.00	0.00443
100.00	60.00	0.00490	100.00	50.00	0.00543
100.00	40.00	0.00601	100.00	30.00	0.00662
100.00	25.00	0.00691	100.00	20.00	0.00717
100.00	17.00	0.00729	100.00	15.00	0.00735
100.00	13.00	0.00740	100.00	11.00	0.00742
100.00	9.00	0.00744	100.00	-9.00	0.00687
100.00	-11.00	0.00677	100.00	-13.00	0.00670
100.00	-15.00	0.00663	100.00	-17.00	0.00656
100.00	-20.00	0.00644	100.00	-25.00	0.00623
100.00	-30.00	0.00599	100.00	-40.00	0.00545
100.00	-50.00	0.00488	100.00	-60.00	0.00434
100.00	-70.00	0.00386	100.00	-80.00	0.00343
100.00	-90.00	0.00306	100.00	-100.00	0.00274
110.00	100.00	0.00333	110.00	90.00	0.00364
110.00	80.00	0.00400	110.00	70.00	0.00441
110.00	60.00	0.00487	110.00	50.00	0.00540
110.00	40.00	0.00597	110.00	30.00	0.00658
110.00	25.00	0.00687	110.00	20.00	0.00713
110.00	17.00	0.00725	110.00	15.00	0.00731
110.00	13.00	0.00735	110.00	11.00	0.00737
110.00	9.00	0.00739	110.00	-9.00	0.00680
110.00	-11.00	0.00670	110.00	-13.00	0.00662
110.00	-15.00	0.00655	110.00	-17.00	0.00647
110.00	-20.00	0.00636	110.00	-25.00	0.00614
110.00	-30.00	0.00590	110.00	-40.00	0.00535
110.00	-50.00	0.00478	110.00	-60.00	0.00424
110.00	-70.00	0.00375	110.00	-80.00	0.00333
110.00	-90.00	0.00297	110.00	-100.00	0.00266
120.00	100.00	0.00331	120.00	90.00	0.00362
120.00	80.00	0.00397	120.00	70.00	0.00438
120.00	60.00	0.00484	120.00	50.00	0.00536
120.00	40.00	0.00593	120.00	30.00	0.00653
120.00	25.00	0.00683	120.00	20.00	0.00709

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:29:17

**MODELOPTs:
PAGE 137

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00720	120.00	15.00	0.00726
120.00	13.00	0.00730	120.00	11.00	0.00732
120.00	9.00	0.00734	120.00	-9.00	0.00672
120.00	-11.00	0.00661	120.00	-13.00	0.00653
120.00	-15.00	0.00645	120.00	-17.00	0.00638
120.00	-20.00	0.00626	120.00	-25.00	0.00604
120.00	-30.00	0.00579	120.00	-40.00	0.00523
120.00	-50.00	0.00465	120.00	-60.00	0.00412
120.00	-70.00	0.00364	120.00	-80.00	0.00322
120.00	-90.00	0.00287	120.00	-100.00	0.00256
130.00	100.00	0.00327	130.00	90.00	0.00358
130.00	80.00	0.00394	130.00	70.00	0.00434
130.00	60.00	0.00480	130.00	50.00	0.00532
130.00	40.00	0.00589	130.00	30.00	0.00648
130.00	25.00	0.00678	130.00	20.00	0.00703
130.00	17.00	0.00714	130.00	15.00	0.00720
130.00	13.00	0.00724	130.00	11.00	0.00726
130.00	9.00	0.00728	130.00	-9.00	0.00662
130.00	-11.00	0.00651	130.00	-13.00	0.00642
130.00	-15.00	0.00634	130.00	-17.00	0.00626
130.00	-20.00	0.00614	130.00	-25.00	0.00591
130.00	-30.00	0.00566	130.00	-40.00	0.00509
130.00	-50.00	0.00451	130.00	-60.00	0.00398
130.00	-70.00	0.00351	130.00	-80.00	0.00310
130.00	-90.00	0.00275	130.00	-100.00	0.00246
140.00	100.00	0.00323	140.00	90.00	0.00354
140.00	80.00	0.00389	140.00	70.00	0.00430
140.00	60.00	0.00476	140.00	50.00	0.00527
140.00	40.00	0.00584	140.00	30.00	0.00643
140.00	25.00	0.00671	140.00	20.00	0.00696
140.00	17.00	0.00708	140.00	15.00	0.00713
140.00	13.00	0.00716	140.00	11.00	0.00719
140.00	9.00	0.00721	140.00	-9.00	0.00649
140.00	-11.00	0.00638	140.00	-13.00	0.00629
140.00	-15.00	0.00621	140.00	-17.00	0.00612
140.00	-20.00	0.00600	140.00	-25.00	0.00576

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

140.00	-30.00	0.00550	140.00	-40.00	0.00492
140.00	-50.00	0.00434	140.00	-60.00	0.00382
140.00	-70.00	0.00336	140.00	-80.00	0.00296
140.00	-90.00	0.00263	140.00	-100.00	0.00234

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00318	150.00	90.00	0.00349
150.00	80.00	0.00384	150.00	70.00	0.00424
150.00	60.00	0.00470	150.00	50.00	0.00522
150.00	40.00	0.00578	150.00	30.00	0.00636
150.00	25.00	0.00664	150.00	20.00	0.00689
150.00	17.00	0.00700	150.00	15.00	0.00705
150.00	13.00	0.00708	150.00	11.00	0.00709
150.00	9.00	0.00711	150.00	-9.00	0.00634
150.00	-11.00	0.00622	150.00	-13.00	0.00613
150.00	-15.00	0.00604	150.00	-17.00	0.00596
150.00	-20.00	0.00582	150.00	-25.00	0.00557
150.00	-30.00	0.00530	150.00	-40.00	0.00471
150.00	-50.00	0.00415	150.00	-60.00	0.00363
150.00	-70.00	0.00319	150.00	-80.00	0.00281
150.00	-90.00	0.00248	150.00	-100.00	0.00221
160.00	100.00	0.00312	160.00	90.00	0.00343
160.00	80.00	0.00378	160.00	70.00	0.00418
160.00	60.00	0.00464	160.00	50.00	0.00515
160.00	40.00	0.00571	160.00	30.00	0.00629
160.00	25.00	0.00656	160.00	20.00	0.00680
160.00	17.00	0.00690	160.00	15.00	0.00695
160.00	13.00	0.00698	160.00	11.00	0.00699
160.00	9.00	0.00700	160.00	-9.00	0.00615
160.00	-11.00	0.00603	160.00	-13.00	0.00593
160.00	-15.00	0.00583	160.00	-17.00	0.00574
160.00	-20.00	0.00560	160.00	-25.00	0.00534
160.00	-30.00	0.00506	160.00	-40.00	0.00447
160.00	-50.00	0.00392	160.00	-60.00	0.00342
160.00	-70.00	0.00300	160.00	-80.00	0.00263
160.00	-90.00	0.00233	160.00	-100.00	0.00206

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

170.00	100.00	0.00304	170.00	90.00	0.00334
170.00	80.00	0.00369	170.00	70.00	0.00409
170.00	60.00	0.00455	170.00	50.00	0.00506
170.00	40.00	0.00562	170.00	30.00	0.00619
170.00	25.00	0.00646	170.00	20.00	0.00669
170.00	17.00	0.00679	170.00	15.00	0.00683
170.00	13.00	0.00686	170.00	11.00	0.00686
170.00	9.00	0.00686	170.00	-9.00	0.00592
170.00	-11.00	0.00579	170.00	-13.00	0.00568
170.00	-15.00	0.00557	170.00	-17.00	0.00547

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** Maximum train overlap at East/West Bound Direction ***

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00532	170.00	-25.00	0.00504
170.00	-30.00	0.00475	170.00	-40.00	0.00418
170.00	-50.00	0.00365	170.00	-60.00	0.00318
170.00	-70.00	0.00278	170.00	-80.00	0.00244
170.00	-90.00	0.00215	170.00	-100.00	0.00190
180.00	100.00	0.00293	180.00	90.00	0.00323
180.00	80.00	0.00358	180.00	70.00	0.00398
180.00	60.00	0.00444	180.00	50.00	0.00495
180.00	40.00	0.00551	180.00	30.00	0.00608
180.00	25.00	0.00635	180.00	20.00	0.00656
180.00	17.00	0.00666	180.00	15.00	0.00670
180.00	13.00	0.00672	180.00	11.00	0.00672
180.00	9.00	0.00671	180.00	-9.00	0.00563
180.00	-11.00	0.00548	180.00	-13.00	0.00535
180.00	-15.00	0.00524	180.00	-17.00	0.00513
180.00	-20.00	0.00495	180.00	-25.00	0.00466
180.00	-30.00	0.00438	180.00	-40.00	0.00383
180.00	-50.00	0.00334	180.00	-60.00	0.00290
180.00	-70.00	0.00253	180.00	-80.00	0.00221
180.00	-90.00	0.00195	180.00	-100.00	0.00173
190.00	100.00	0.00278	190.00	90.00	0.00308
190.00	80.00	0.00342	190.00	70.00	0.00382
190.00	60.00	0.00428	190.00	50.00	0.00479
190.00	40.00	0.00536	190.00	30.00	0.00593

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

190.00	25.00	0.00620	190.00	20.00	0.00641
190.00	17.00	0.00650	190.00	15.00	0.00654
190.00	13.00	0.00655	190.00	11.00	0.00654
190.00	9.00	0.00652	190.00	-9.00	0.00524
190.00	-11.00	0.00507	190.00	-13.00	0.00493
190.00	-15.00	0.00480	190.00	-17.00	0.00467
190.00	-20.00	0.00448	190.00	-25.00	0.00419
190.00	-30.00	0.00392	190.00	-40.00	0.00342
190.00	-50.00	0.00297	190.00	-60.00	0.00258
190.00	-70.00	0.00224	190.00	-80.00	0.00196
190.00	-90.00	0.00173	190.00	-100.00	0.00154
200.00	100.00	0.00258	200.00	90.00	0.00286
200.00	80.00	0.00318	200.00	70.00	0.00357
200.00	60.00	0.00402	200.00	50.00	0.00454
200.00	40.00	0.00512	200.00	30.00	0.00572
200.00	25.00	0.00599	200.00	20.00	0.00622

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00631	200.00	15.00	0.00634
200.00	13.00	0.00634	200.00	11.00	0.00632
200.00	9.00	0.00630	200.00	-9.00	0.00472
200.00	-11.00	0.00452	200.00	-13.00	0.00435
200.00	-15.00	0.00420	200.00	-17.00	0.00407
200.00	-20.00	0.00389	200.00	-25.00	0.00362
200.00	-30.00	0.00338	200.00	-40.00	0.00294
200.00	-50.00	0.00254	200.00	-60.00	0.00220
200.00	-70.00	0.00192	200.00	-80.00	0.00169
200.00	-90.00	0.00150	200.00	-100.00	0.00134
210.00	100.00	0.00232	210.00	90.00	0.00256
210.00	80.00	0.00285	210.00	70.00	0.00319
210.00	60.00	0.00360	210.00	50.00	0.00409
210.00	40.00	0.00467	210.00	30.00	0.00531
210.00	25.00	0.00563	210.00	20.00	0.00590
210.00	17.00	0.00601	210.00	15.00	0.00605
210.00	13.00	0.00607	210.00	11.00	0.00605
210.00	9.00	0.00601	210.00	-9.00	0.00398

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

210.00	-11.00	0.00374	210.00	-13.00	0.00357
210.00	-15.00	0.00342	210.00	-17.00	0.00330
210.00	-20.00	0.00314	210.00	-25.00	0.00291
210.00	-30.00	0.00271	210.00	-40.00	0.00235
210.00	-50.00	0.00205	210.00	-60.00	0.00180
210.00	-70.00	0.00160	210.00	-80.00	0.00142
210.00	-90.00	0.00128	210.00	-100.00	0.00116
220.00	100.00	0.00203	220.00	90.00	0.00222
220.00	80.00	0.00244	220.00	70.00	0.00270
220.00	60.00	0.00301	220.00	50.00	0.00337
220.00	40.00	0.00380	220.00	30.00	0.00432
220.00	25.00	0.00462	220.00	20.00	0.00494
220.00	17.00	0.00512	220.00	15.00	0.00522
220.00	13.00	0.00532	220.00	11.00	0.00539
220.00	9.00	0.00543	220.00	-9.00	0.00277
220.00	-11.00	0.00259	220.00	-13.00	0.00245
220.00	-15.00	0.00236	220.00	-17.00	0.00228
220.00	-20.00	0.00218	220.00	-25.00	0.00205
220.00	-30.00	0.00195	220.00	-40.00	0.00176
220.00	-50.00	0.00158	220.00	-60.00	0.00143
220.00	-70.00	0.00130	220.00	-80.00	0.00118
220.00	-90.00	0.00108	220.00	-100.00	0.00099

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 17:29:17 *** Maximum train overlap at East/West Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00176	230.00	90.00	0.00190
230.00	80.00	0.00205	230.00	70.00	0.00223
230.00	60.00	0.00242	230.00	50.00	0.00263
230.00	40.00	0.00285	230.00	30.00	0.00305
230.00	25.00	0.00312	230.00	20.00	0.00316
230.00	17.00	0.00315	230.00	15.00	0.00312
230.00	13.00	0.00306	230.00	11.00	0.00298
230.00	9.00	0.00285	230.00	-9.00	0.00143
230.00	-11.00	0.00142	230.00	-13.00	0.00142
230.00	-15.00	0.00141	230.00	-17.00	0.00141
230.00	-20.00	0.00140	230.00	-25.00	0.00138
230.00	-30.00	0.00136	230.00	-40.00	0.00129

09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound

230.00	-50.00	0.00122	230.00	-60.00	0.00113
230.00	-70.00	0.00105	230.00	-80.00	0.00098
230.00	-90.00	0.00091	230.00	-100.00	0.00084
240.00	100.00	0.00153	240.00	90.00	0.00162
240.00	80.00	0.00173	240.00	70.00	0.00184
240.00	60.00	0.00195	240.00	50.00	0.00206
240.00	40.00	0.00214	240.00	30.00	0.00217
240.00	25.00	0.00216	240.00	20.00	0.00210
240.00	17.00	0.00204	240.00	15.00	0.00199
240.00	13.00	0.00193	240.00	11.00	0.00186
240.00	9.00	0.00178	240.00	-9.00	0.00108
240.00	-11.00	0.00106	240.00	-13.00	0.00105
240.00	-15.00	0.00104	240.00	-17.00	0.00104
240.00	-20.00	0.00103	240.00	-25.00	0.00102
240.00	-30.00	0.00101	240.00	-40.00	0.00099
240.00	-50.00	0.00096	240.00	-60.00	0.00091
240.00	-70.00	0.00087	240.00	-80.00	0.00082
240.00	-90.00	0.00077	240.00	-100.00	0.00073
250.00	100.00	0.00132	250.00	90.00	0.00139
250.00	80.00	0.00145	250.00	70.00	0.00152
250.00	60.00	0.00158	250.00	50.00	0.00162
250.00	40.00	0.00164	250.00	30.00	0.00161
250.00	25.00	0.00157	250.00	20.00	0.00151
250.00	17.00	0.00146	250.00	15.00	0.00142
250.00	13.00	0.00138	250.00	11.00	0.00134
250.00	9.00	0.00129	250.00	-9.00	0.00088
250.00	-11.00	0.00086	250.00	-13.00	0.00085
250.00	-15.00	0.00085	250.00	-17.00	0.00084

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00083	250.00	-25.00	0.00082
250.00	-30.00	0.00081	250.00	-40.00	0.00079
250.00	-50.00	0.00077	250.00	-60.00	0.00075
250.00	-70.00	0.00072	250.00	-80.00	0.00069
250.00	-90.00	0.00066	250.00	-100.00	0.00063

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction

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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00591 AT (180.00, 9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00589 AT (180.00, 11.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00588 AT (170.00, 9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00588 AT (180.00, 13.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00585 AT (190.00, 11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00585 AT (190.00, 13.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00585 AT (190.00, 9.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00585 AT (170.00, 11.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00584 AT (180.00, 15.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00583 AT (190.00, 15.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00591 AT (90.00, 9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00589 AT (90.00, 11.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00588 AT (80.00, 9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00588 AT (90.00, 13.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00585 AT (100.00, 11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00585 AT (100.00, 13.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00585 AT (100.00, 9.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00585 AT (80.00, 11.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00584 AT (90.00, 15.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00583 AT (100.00, 15.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00591 AT (0.00, 9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00589 AT (0.00, 11.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00588 AT (-10.00, 9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00588 AT (0.00, 13.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00585 AT (10.00, 11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00585 AT (10.00, 13.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00585 AT (10.00, 9.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00585 AT (-10.00, 11.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00584 AT (0.00, 15.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00583 AT (10.00, 15.00, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

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*** Maximum train overlap at East/West Bound Direction

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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00591 AT (-90.00, 9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00589 AT (-90.00, 11.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00588 AT (-100.00, 9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00588 AT (-90.00, 13.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00585 AT (-80.00, 11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00585 AT (-80.00, 13.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00585 AT (-80.00, 9.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00585 AT (-100.00, 11.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00584 AT (-90.00, 15.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00583 AT (-80.00, 15.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00591 AT (-180.00, 9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00589 AT (-180.00, 11.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00588 AT (-190.00, 9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00588 AT (-180.00, 13.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00585 AT (-170.00, 11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00585 AT (-170.00, 13.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00585 AT (-170.00, 9.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00585 AT (-190.00, 11.00, 0.00, 1.20)	DC	NA

		09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound								
	9TH HIGHEST VALUE IS	0.00584	AT (	-180.00,	15.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00583	AT (	-170.00,	15.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00773	AT (	-40.00,	9.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00773	AT (	-50.00,	9.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00772	AT (	-30.00,	9.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00771	AT (	-60.00,	9.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00771	AT (	-20.00,	9.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00771	AT (	-70.00,	9.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00770	AT (	-10.00,	9.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00770	AT (	-80.00,	9.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00769	AT (	0.00,	9.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00769	AT (	-50.00,	11.00,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:29:17

**MODELOPTs:
 PAGE 145

CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 7 Informational Message(s)
 A Total of 7 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***

ISCST3x VERSION 4.4.3
(C) COPYRIGHT 1991-2006, Trinity Consultants

Run Began on 4/20/2008 at 17:36:35

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\10NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at East/West Bound Direction
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTS FLAT
CO FLAGPOLE 1.2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA 135.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA 45.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -45.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -135.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -225.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 90 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

RE DISCCART	-250.0	100.0	1.2
RE DISCCART	-250.0	90.0	1.2
RE DISCCART	-250.0	80.0	1.2
RE DISCCART	-250.0	70.0	1.2
RE DISCCART	-250.0	60.0	1.2
RE DISCCART	-250.0	50.0	1.2
RE DISCCART	-250.0	40.0	1.2
RE DISCCART	-250.0	30.0	1.2
RE DISCCART	-250.0	25.0	1.2
RE DISCCART	-250.0	20.0	1.2
RE DISCCART	-250.0	17.0	1.2
RE DISCCART	-250.0	15.0	1.2
RE DISCCART	-250.0	13.0	1.2
RE DISCCART	-250.0	11.0	1.2
RE DISCCART	-250.0	9.0	1.2
RE DISCCART	-250.0	-9.0	1.2
RE DISCCART	-250.0	-11.0	1.2
RE DISCCART	-250.0	-13.0	1.2
RE DISCCART	-250.0	-15.0	1.2
RE DISCCART	-250.0	-17.0	1.2
RE DISCCART	-250.0	-20.0	1.2
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RE DISCCART	-250.0	-30.0	1.2
RE DISCCART	-250.0	-40.0	1.2
RE DISCCART	-250.0	-50.0	1.2
RE DISCCART	-250.0	-60.0	1.2
RE DISCCART	-250.0	-70.0	1.2
RE DISCCART	-250.0	-80.0	1.2
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RE DISCCART	-250.0	-100.0	1.2
RE DISCCART	-240.0	100.0	1.2
RE DISCCART	-240.0	90.0	1.2
RE DISCCART	-240.0	80.0	1.2
RE DISCCART	-240.0	70.0	1.2
RE DISCCART	-240.0	60.0	1.2
RE DISCCART	-240.0	50.0	1.2
RE DISCCART	-240.0	40.0	1.2
RE DISCCART	-240.0	30.0	1.2
RE DISCCART	-240.0	25.0	1.2
RE DISCCART	-240.0	20.0	1.2
RE DISCCART	-240.0	17.0	1.2
RE DISCCART	-240.0	15.0	1.2
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RE DISCCART	-240.0	11.0	1.2
RE DISCCART	-240.0	9.0	1.2
RE DISCCART	-240.0	-9.0	1.2
RE DISCCART	-240.0	-11.0	1.2
RE DISCCART	-240.0	-13.0	1.2
RE DISCCART	-240.0	-15.0	1.2
RE DISCCART	-240.0	-17.0	1.2
RE DISCCART	-240.0	-20.0	1.2
RE DISCCART	-240.0	-25.0	1.2
RE DISCCART	-240.0	-30.0	1.2
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RE DISCCART	-230.0	40.0	1.2
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RE DISCCART	-230.0	25.0	1.2
RE DISCCART	-230.0	20.0	1.2
RE DISCCART	-230.0	17.0	1.2
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RE DISCCART	-230.0	11.0	1.2
RE DISCCART	-230.0	9.0	1.2
RE DISCCART	-230.0	-9.0	1.2
RE DISCCART	-230.0	-11.0	1.2
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RE DISCCART	-230.0	-80.0	1.2
RE DISCCART	-230.0	-90.0	1.2
RE DISCCART	-230.0	-100.0	1.2
RE DISCCART	-220.0	100.0	1.2
RE DISCCART	-220.0	90.0	1.2
RE DISCCART	-220.0	80.0	1.2
RE DISCCART	-220.0	70.0	1.2
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RE DISCCART	-220.0	-80.0	1.2
RE DISCCART	-220.0	-90.0	1.2
RE DISCCART	-220.0	-100.0	1.2
RE DISCCART	-210.0	100.0	1.2
RE DISCCART	-210.0	90.0	1.2
RE DISCCART	-210.0	80.0	1.2
RE DISCCART	-210.0	70.0	1.2
RE DISCCART	-210.0	60.0	1.2
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RE DISCCART	-210.0	-80.0	1.2
RE DISCCART	-210.0	-90.0	1.2
RE DISCCART	-210.0	-100.0	1.2
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RE DISCCART	-200.0	90.0	1.2
RE DISCCART	-200.0	80.0	1.2
RE DISCCART	-200.0	70.0	1.2
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RE DISCCART	-190.0	40.0	1.2
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RE DISCCART	-190.0	25.0	1.2
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RE DISCCART	-190.0	15.0	1.2
RE DISCCART	-190.0	13.0	1.2
RE DISCCART	-190.0	11.0	1.2
RE DISCCART	-190.0	9.0	1.2
RE DISCCART	-190.0	-9.0	1.2
RE DISCCART	-190.0	-11.0	1.2
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RE DISCCART	-190.0	-15.0	1.2
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RE DISCCART	-190.0	-100.0	1.2
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RE DISCCART	-180.0	60.0	1.2
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RE DISCCART	-180.0	-100.0	1.2
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RE DISCCART	-170.0	-80.0	1.2
RE DISCCART	-170.0	-90.0	1.2
RE DISCCART	-170.0	-100.0	1.2
RE DISCCART	-160.0	100.0	1.2
RE DISCCART	-160.0	90.0	1.2
RE DISCCART	-160.0	80.0	1.2
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RE DISCCART	-160.0	40.0	1.2
RE DISCCART	-160.0	30.0	1.2
RE DISCCART	-160.0	25.0	1.2
RE DISCCART	-160.0	20.0	1.2
RE DISCCART	-160.0	17.0	1.2
RE DISCCART	-160.0	15.0	1.2
RE DISCCART	-160.0	13.0	1.2
RE DISCCART	-160.0	11.0	1.2
RE DISCCART	-160.0	9.0	1.2
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RE DISCCART	-160.0	-11.0	1.2
RE DISCCART	-160.0	-13.0	1.2
RE DISCCART	-160.0	-15.0	1.2
RE DISCCART	-160.0	-17.0	1.2
RE DISCCART	-160.0	-20.0	1.2
RE DISCCART	-160.0	-25.0	1.2
RE DISCCART	-160.0	-30.0	1.2
RE DISCCART	-160.0	-40.0	1.2
RE DISCCART	-160.0	-50.0	1.2
RE DISCCART	-160.0	-60.0	1.2
RE DISCCART	-160.0	-70.0	1.2
RE DISCCART	-160.0	-80.0	1.2
RE DISCCART	-160.0	-90.0	1.2
RE DISCCART	-160.0	-100.0	1.2
RE DISCCART	-150.0	100.0	1.2
RE DISCCART	-150.0	90.0	1.2
RE DISCCART	-150.0	80.0	1.2
RE DISCCART	-150.0	70.0	1.2
RE DISCCART	-150.0	60.0	1.2
RE DISCCART	-150.0	50.0	1.2
RE DISCCART	-150.0	40.0	1.2

RE DISCCART	-150.0	30.0	1.2
RE DISCCART	-150.0	25.0	1.2
RE DISCCART	-150.0	20.0	1.2
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RE DISCCART	140.0	17.0	1.2
RE DISCCART	140.0	15.0	1.2
RE DISCCART	140.0	13.0	1.2
RE DISCCART	140.0	11.0	1.2
RE DISCCART	140.0	9.0	1.2
RE DISCCART	140.0	-9.0	1.2
RE DISCCART	140.0	-11.0	1.2

RE DISCCART	140.0	-13.0	1.2
RE DISCCART	140.0	-15.0	1.2
RE DISCCART	140.0	-17.0	1.2
RE DISCCART	140.0	-20.0	1.2
RE DISCCART	140.0	-25.0	1.2
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RE DISCCART	150.0	25.0	1.2
RE DISCCART	150.0	20.0	1.2
RE DISCCART	150.0	17.0	1.2
RE DISCCART	150.0	15.0	1.2
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RE DISCCART	150.0	9.0	1.2
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RE DISCCART	150.0	-90.0	1.2
RE DISCCART	150.0	-100.0	1.2
RE DISCCART	160.0	100.0	1.2

RE DISCCART	160.0	90.0	1.2
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RE DISCCART	170.0	80.0	1.2
RE DISCCART	170.0	70.0	1.2
RE DISCCART	170.0	60.0	1.2
RE DISCCART	170.0	50.0	1.2
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RE DISCCART	220.0	-70.0	1.2
RE DISCCART	220.0	-80.0	1.2
RE DISCCART	220.0	-90.0	1.2
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RE DISCCART	230.0	70.0	1.2
RE DISCCART	230.0	60.0	1.2
RE DISCCART	230.0	50.0	1.2
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RE DISCCART	230.0	25.0	1.2
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RE DISCCART	230.0	-60.0	1.2
RE DISCCART	230.0	-70.0	1.2
RE DISCCART	230.0	-80.0	1.2
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RE DISCCART	230.0	-100.0	1.2
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RE DISCCART	240.0	60.0	1.2
RE DISCCART	240.0	50.0	1.2
RE DISCCART	240.0	40.0	1.2
RE DISCCART	240.0	30.0	1.2
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RE DISCCART	240.0	20.0	1.2
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RE DISCCART	240.0	11.0	1.2
RE DISCCART	240.0	9.0	1.2
RE DISCCART	240.0	-9.0	1.2
RE DISCCART	240.0	-11.0	1.2
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RE DISCCART	240.0	-17.0	1.2
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RE DISCCART 240.0 -70.0 1.2
RE DISCCART 240.0 -80.0 1.2
RE DISCCART 240.0 -90.0 1.2
RE DISCCART 240.0 -100.0 1.2
RE DISCCART 250.0 100.0 1.2
RE DISCCART 250.0 90.0 1.2
RE DISCCART 250.0 80.0 1.2
RE DISCCART 250.0 70.0 1.2
RE DISCCART 250.0 60.0 1.2
RE DISCCART 250.0 50.0 1.2
RE DISCCART 250.0 40.0 1.2
RE DISCCART 250.0 30.0 1.2
RE DISCCART 250.0 25.0 1.2
RE DISCCART 250.0 20.0 1.2
RE DISCCART 250.0 17.0 1.2
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RE DISCCART 250.0 -90.0 1.2
RE DISCCART 250.0 -100.0 1.2
RE FINISHED

ME STARTING
ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP013RA.ASC"
ME ANEMHGHT 10 METERS
ME SURFDATA 4901 2001
ME UAIRDATA 4901 2001
ME STARTEND 2001 01 01 1 2001 12 31 24
ME FINISHED

OU STARTING

OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\10NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\10NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\10NCRA-1.DAT

**Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\10NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
PAGE 2

CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

Table with columns: EMISSION RATE, NUMBER PART., EMISSION RATE (GRAMS/SEC), COORD (SW CORNER) X Y, BASE ELEV., RELEASE HEIGHT, X-DIM OF AREA, Y-DIM OF AREA, ORIENT. OF AREA, INIT. SZ. Rows include NCRA_S1 through NCRA_S5.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
PAGE 3

CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

- NCRA_S1 NCRA_S1 ,
NCRA_S2 NCRA_S2 ,
NCRA_S3 NCRA_S3 ,
NCRA_S4 NCRA_S4 ,
NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

- (-250.0, 100.0, 0.0, 1.2); (-250.0, 90.0, 0.0, 1.2);
(-250.0, 80.0, 0.0, 1.2); (-250.0, 70.0, 0.0, 1.2);
(-250.0, 60.0, 0.0, 1.2); (-250.0, 50.0, 0.0, 1.2);

10NCRA_NAPA01-300_DPM_TRAV_ANN E-W Bound

(-250.0,	40.0,	0.0,	1.2);	(-250.0,	30.0,	0.0,	1.2);
(-250.0,	25.0,	0.0,	1.2);	(-250.0,	20.0,	0.0,	1.2);
(-250.0,	17.0,	0.0,	1.2);	(-250.0,	15.0,	0.0,	1.2);
(-250.0,	13.0,	0.0,	1.2);	(-250.0,	11.0,	0.0,	1.2);
(-250.0,	9.0,	0.0,	1.2);	(-250.0,	-9.0,	0.0,	1.2);
(-250.0,	-11.0,	0.0,	1.2);	(-250.0,	-13.0,	0.0,	1.2);
(-250.0,	-15.0,	0.0,	1.2);	(-250.0,	-17.0,	0.0,	1.2);
(-250.0,	-20.0,	0.0,	1.2);	(-250.0,	-25.0,	0.0,	1.2);
(-250.0,	-30.0,	0.0,	1.2);	(-250.0,	-40.0,	0.0,	1.2);
(-250.0,	-50.0,	0.0,	1.2);	(-250.0,	-60.0,	0.0,	1.2);
(-250.0,	-70.0,	0.0,	1.2);	(-250.0,	-80.0,	0.0,	1.2);
(-250.0,	-90.0,	0.0,	1.2);	(-250.0,	-100.0,	0.0,	1.2);
(-240.0,	100.0,	0.0,	1.2);	(-240.0,	90.0,	0.0,	1.2);
(-240.0,	80.0,	0.0,	1.2);	(-240.0,	70.0,	0.0,	1.2);
(-240.0,	60.0,	0.0,	1.2);	(-240.0,	50.0,	0.0,	1.2);
(-240.0,	40.0,	0.0,	1.2);	(-240.0,	30.0,	0.0,	1.2);
(-240.0,	25.0,	0.0,	1.2);	(-240.0,	20.0,	0.0,	1.2);
(-240.0,	17.0,	0.0,	1.2);	(-240.0,	15.0,	0.0,	1.2);
(-240.0,	13.0,	0.0,	1.2);	(-240.0,	11.0,	0.0,	1.2);
(-240.0,	9.0,	0.0,	1.2);	(-240.0,	-9.0,	0.0,	1.2);
(-240.0,	-11.0,	0.0,	1.2);	(-240.0,	-13.0,	0.0,	1.2);
(-240.0,	-15.0,	0.0,	1.2);	(-240.0,	-17.0,	0.0,	1.2);
(-240.0,	-20.0,	0.0,	1.2);	(-240.0,	-25.0,	0.0,	1.2);
(-240.0,	-30.0,	0.0,	1.2);	(-240.0,	-40.0,	0.0,	1.2);
(-240.0,	-50.0,	0.0,	1.2);	(-240.0,	-60.0,	0.0,	1.2);
(-240.0,	-70.0,	0.0,	1.2);	(-240.0,	-80.0,	0.0,	1.2);
(-240.0,	-90.0,	0.0,	1.2);	(-240.0,	-100.0,	0.0,	1.2);
(-230.0,	100.0,	0.0,	1.2);	(-230.0,	90.0,	0.0,	1.2);
(-230.0,	80.0,	0.0,	1.2);	(-230.0,	70.0,	0.0,	1.2);
(-230.0,	60.0,	0.0,	1.2);	(-230.0,	50.0,	0.0,	1.2);
(-230.0,	40.0,	0.0,	1.2);	(-230.0,	30.0,	0.0,	1.2);
(-230.0,	25.0,	0.0,	1.2);	(-230.0,	20.0,	0.0,	1.2);
(-230.0,	17.0,	0.0,	1.2);	(-230.0,	15.0,	0.0,	1.2);
(-230.0,	13.0,	0.0,	1.2);	(-230.0,	11.0,	0.0,	1.2);
(-230.0,	9.0,	0.0,	1.2);	(-230.0,	-9.0,	0.0,	1.2);
(-230.0,	-11.0,	0.0,	1.2);	(-230.0,	-13.0,	0.0,	1.2);
(-230.0,	-15.0,	0.0,	1.2);	(-230.0,	-17.0,	0.0,	1.2);
(-230.0,	-20.0,	0.0,	1.2);	(-230.0,	-25.0,	0.0,	1.2);
(-230.0,	-30.0,	0.0,	1.2);	(-230.0,	-40.0,	0.0,	1.2);
(-230.0,	-50.0,	0.0,	1.2);	(-230.0,	-60.0,	0.0,	1.2);
(-230.0,	-70.0,	0.0,	1.2);	(-230.0,	-80.0,	0.0,	1.2);
(-230.0,	-90.0,	0.0,	1.2);	(-230.0,	-100.0,	0.0,	1.2);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-220.0, 100.0, 0.0, 1.2);	(-220.0, 90.0, 0.0, 1.2);
(-220.0, 80.0, 0.0, 1.2);	(-220.0, 70.0, 0.0, 1.2);
(-220.0, 60.0, 0.0, 1.2);	(-220.0, 50.0, 0.0, 1.2);
(-220.0, 40.0, 0.0, 1.2);	(-220.0, 30.0, 0.0, 1.2);
(-220.0, 25.0, 0.0, 1.2);	(-220.0, 20.0, 0.0, 1.2);
(-220.0, 17.0, 0.0, 1.2);	(-220.0, 15.0, 0.0, 1.2);
(-220.0, 13.0, 0.0, 1.2);	(-220.0, 11.0, 0.0, 1.2);
(-220.0, 9.0, 0.0, 1.2);	(-220.0, -9.0, 0.0, 1.2);
(-220.0, -11.0, 0.0, 1.2);	(-220.0, -13.0, 0.0, 1.2);
(-220.0, -15.0, 0.0, 1.2);	(-220.0, -17.0, 0.0, 1.2);
(-220.0, -20.0, 0.0, 1.2);	(-220.0, -25.0, 0.0, 1.2);
(-220.0, -30.0, 0.0, 1.2);	(-220.0, -40.0, 0.0, 1.2);
(-220.0, -50.0, 0.0, 1.2);	(-220.0, -60.0, 0.0, 1.2);
(-220.0, -70.0, 0.0, 1.2);	(-220.0, -80.0, 0.0, 1.2);
(-220.0, -90.0, 0.0, 1.2);	(-220.0, -100.0, 0.0, 1.2);
(-210.0, 100.0, 0.0, 1.2);	(-210.0, 90.0, 0.0, 1.2);
(-210.0, 80.0, 0.0, 1.2);	(-210.0, 70.0, 0.0, 1.2);
(-210.0, 60.0, 0.0, 1.2);	(-210.0, 50.0, 0.0, 1.2);
(-210.0, 40.0, 0.0, 1.2);	(-210.0, 30.0, 0.0, 1.2);
(-210.0, 25.0, 0.0, 1.2);	(-210.0, 20.0, 0.0, 1.2);
(-210.0, 17.0, 0.0, 1.2);	(-210.0, 15.0, 0.0, 1.2);
(-210.0, 13.0, 0.0, 1.2);	(-210.0, 11.0, 0.0, 1.2);
(-210.0, 9.0, 0.0, 1.2);	(-210.0, -9.0, 0.0, 1.2);
(-210.0, -11.0, 0.0, 1.2);	(-210.0, -13.0, 0.0, 1.2);
(-210.0, -15.0, 0.0, 1.2);	(-210.0, -17.0, 0.0, 1.2);
(-210.0, -20.0, 0.0, 1.2);	(-210.0, -25.0, 0.0, 1.2);
(-210.0, -30.0, 0.0, 1.2);	(-210.0, -40.0, 0.0, 1.2);
(-210.0, -50.0, 0.0, 1.2);	(-210.0, -60.0, 0.0, 1.2);
(-210.0, -70.0, 0.0, 1.2);	(-210.0, -80.0, 0.0, 1.2);
(-210.0, -90.0, 0.0, 1.2);	(-210.0, -100.0, 0.0, 1.2);
(-200.0, 100.0, 0.0, 1.2);	(-200.0, 90.0, 0.0, 1.2);
(-200.0, 80.0, 0.0, 1.2);	(-200.0, 70.0, 0.0, 1.2);
(-200.0, 60.0, 0.0, 1.2);	(-200.0, 50.0, 0.0, 1.2);
(-200.0, 40.0, 0.0, 1.2);	(-200.0, 30.0, 0.0, 1.2);
(-200.0, 25.0, 0.0, 1.2);	(-200.0, 20.0, 0.0, 1.2);
(-200.0, 17.0, 0.0, 1.2);	(-200.0, 15.0, 0.0, 1.2);
(-200.0, 13.0, 0.0, 1.2);	(-200.0, 11.0, 0.0, 1.2);
(-200.0, 9.0, 0.0, 1.2);	(-200.0, -9.0, 0.0, 1.2);
(-200.0, -11.0, 0.0, 1.2);	(-200.0, -13.0, 0.0, 1.2);

10NCRA_NAPA01-300_DPM_TRAV_ANN E-W Bound
 (-200.0, -15.0, 0.0, 1.2); (-200.0, -17.0, 0.0, 1.2);
 (-200.0, -20.0, 0.0, 1.2); (-200.0, -25.0, 0.0, 1.2);
 (-200.0, -30.0, 0.0, 1.2); (-200.0, -40.0, 0.0, 1.2);
 (-200.0, -50.0, 0.0, 1.2); (-200.0, -60.0, 0.0, 1.2);
 (-200.0, -70.0, 0.0, 1.2); (-200.0, -80.0, 0.0, 1.2);
 (-200.0, -90.0, 0.0, 1.2); (-200.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-190.0, 100.0, 0.0, 1.2); (-190.0, 90.0, 0.0, 1.2);
 (-190.0, 80.0, 0.0, 1.2); (-190.0, 70.0, 0.0, 1.2);
 (-190.0, 60.0, 0.0, 1.2); (-190.0, 50.0, 0.0, 1.2);
 (-190.0, 40.0, 0.0, 1.2); (-190.0, 30.0, 0.0, 1.2);
 (-190.0, 25.0, 0.0, 1.2); (-190.0, 20.0, 0.0, 1.2);
 (-190.0, 17.0, 0.0, 1.2); (-190.0, 15.0, 0.0, 1.2);
 (-190.0, 13.0, 0.0, 1.2); (-190.0, 11.0, 0.0, 1.2);
 (-190.0, 9.0, 0.0, 1.2); (-190.0, -9.0, 0.0, 1.2);
 (-190.0, -11.0, 0.0, 1.2); (-190.0, -13.0, 0.0, 1.2);
 (-190.0, -15.0, 0.0, 1.2); (-190.0, -17.0, 0.0, 1.2);
 (-190.0, -20.0, 0.0, 1.2); (-190.0, -25.0, 0.0, 1.2);
 (-190.0, -30.0, 0.0, 1.2); (-190.0, -40.0, 0.0, 1.2);
 (-190.0, -50.0, 0.0, 1.2); (-190.0, -60.0, 0.0, 1.2);
 (-190.0, -70.0, 0.0, 1.2); (-190.0, -80.0, 0.0, 1.2);
 (-190.0, -90.0, 0.0, 1.2); (-190.0, -100.0, 0.0, 1.2);
 (-180.0, 100.0, 0.0, 1.2); (-180.0, 90.0, 0.0, 1.2);
 (-180.0, 80.0, 0.0, 1.2); (-180.0, 70.0, 0.0, 1.2);
 (-180.0, 60.0, 0.0, 1.2); (-180.0, 50.0, 0.0, 1.2);
 (-180.0, 40.0, 0.0, 1.2); (-180.0, 30.0, 0.0, 1.2);
 (-180.0, 25.0, 0.0, 1.2); (-180.0, 20.0, 0.0, 1.2);
 (-180.0, 17.0, 0.0, 1.2); (-180.0, 15.0, 0.0, 1.2);
 (-180.0, 13.0, 0.0, 1.2); (-180.0, 11.0, 0.0, 1.2);
 (-180.0, 9.0, 0.0, 1.2); (-180.0, -9.0, 0.0, 1.2);
 (-180.0, -11.0, 0.0, 1.2); (-180.0, -13.0, 0.0, 1.2);
 (-180.0, -15.0, 0.0, 1.2); (-180.0, -17.0, 0.0, 1.2);
 (-180.0, -20.0, 0.0, 1.2); (-180.0, -25.0, 0.0, 1.2);
 (-180.0, -30.0, 0.0, 1.2); (-180.0, -40.0, 0.0, 1.2);
 (-180.0, -50.0, 0.0, 1.2); (-180.0, -60.0, 0.0, 1.2);
 (-180.0, -70.0, 0.0, 1.2); (-180.0, -80.0, 0.0, 1.2);
 (-180.0, -90.0, 0.0, 1.2); (-180.0, -100.0, 0.0, 1.2);
 (-170.0, 100.0, 0.0, 1.2); (-170.0, 90.0, 0.0, 1.2);

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

(-170.0,	80.0,	0.0,	1.2);	(-170.0,	70.0,	0.0,	1.2);
(-170.0,	60.0,	0.0,	1.2);	(-170.0,	50.0,	0.0,	1.2);
(-170.0,	40.0,	0.0,	1.2);	(-170.0,	30.0,	0.0,	1.2);
(-170.0,	25.0,	0.0,	1.2);	(-170.0,	20.0,	0.0,	1.2);
(-170.0,	17.0,	0.0,	1.2);	(-170.0,	15.0,	0.0,	1.2);
(-170.0,	13.0,	0.0,	1.2);	(-170.0,	11.0,	0.0,	1.2);
(-170.0,	9.0,	0.0,	1.2);	(-170.0,	-9.0,	0.0,	1.2);
(-170.0,	-11.0,	0.0,	1.2);	(-170.0,	-13.0,	0.0,	1.2);
(-170.0,	-15.0,	0.0,	1.2);	(-170.0,	-17.0,	0.0,	1.2);
(-170.0,	-20.0,	0.0,	1.2);	(-170.0,	-25.0,	0.0,	1.2);
(-170.0,	-30.0,	0.0,	1.2);	(-170.0,	-40.0,	0.0,	1.2);
(-170.0,	-50.0,	0.0,	1.2);	(-170.0,	-60.0,	0.0,	1.2);
(-170.0,	-70.0,	0.0,	1.2);	(-170.0,	-80.0,	0.0,	1.2);
(-170.0,	-90.0,	0.0,	1.2);	(-170.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-160.0,	100.0,	0.0,	1.2);	(-160.0,	90.0,	0.0,	1.2);
(-160.0,	80.0,	0.0,	1.2);	(-160.0,	70.0,	0.0,	1.2);
(-160.0,	60.0,	0.0,	1.2);	(-160.0,	50.0,	0.0,	1.2);
(-160.0,	40.0,	0.0,	1.2);	(-160.0,	30.0,	0.0,	1.2);
(-160.0,	25.0,	0.0,	1.2);	(-160.0,	20.0,	0.0,	1.2);
(-160.0,	17.0,	0.0,	1.2);	(-160.0,	15.0,	0.0,	1.2);
(-160.0,	13.0,	0.0,	1.2);	(-160.0,	11.0,	0.0,	1.2);
(-160.0,	9.0,	0.0,	1.2);	(-160.0,	-9.0,	0.0,	1.2);
(-160.0,	-11.0,	0.0,	1.2);	(-160.0,	-13.0,	0.0,	1.2);
(-160.0,	-15.0,	0.0,	1.2);	(-160.0,	-17.0,	0.0,	1.2);
(-160.0,	-20.0,	0.0,	1.2);	(-160.0,	-25.0,	0.0,	1.2);
(-160.0,	-30.0,	0.0,	1.2);	(-160.0,	-40.0,	0.0,	1.2);
(-160.0,	-50.0,	0.0,	1.2);	(-160.0,	-60.0,	0.0,	1.2);
(-160.0,	-70.0,	0.0,	1.2);	(-160.0,	-80.0,	0.0,	1.2);
(-160.0,	-90.0,	0.0,	1.2);	(-160.0,	-100.0,	0.0,	1.2);
(-150.0,	100.0,	0.0,	1.2);	(-150.0,	90.0,	0.0,	1.2);
(-150.0,	80.0,	0.0,	1.2);	(-150.0,	70.0,	0.0,	1.2);
(-150.0,	60.0,	0.0,	1.2);	(-150.0,	50.0,	0.0,	1.2);
(-150.0,	40.0,	0.0,	1.2);	(-150.0,	30.0,	0.0,	1.2);
(-150.0,	25.0,	0.0,	1.2);	(-150.0,	20.0,	0.0,	1.2);
(-150.0,	17.0,	0.0,	1.2);	(-150.0,	15.0,	0.0,	1.2);
(-150.0,	13.0,	0.0,	1.2);	(-150.0,	11.0,	0.0,	1.2);
(-150.0,	9.0,	0.0,	1.2);	(-150.0,	-9.0,	0.0,	1.2);

10NCRA_NAPA01-300_DPM_TRAV_ANN E-W Bound

(-150.0,	-11.0,	0.0,	1.2);	(-150.0,	-13.0,	0.0,	1.2);
(-150.0,	-15.0,	0.0,	1.2);	(-150.0,	-17.0,	0.0,	1.2);
(-150.0,	-20.0,	0.0,	1.2);	(-150.0,	-25.0,	0.0,	1.2);
(-150.0,	-30.0,	0.0,	1.2);	(-150.0,	-40.0,	0.0,	1.2);
(-150.0,	-50.0,	0.0,	1.2);	(-150.0,	-60.0,	0.0,	1.2);
(-150.0,	-70.0,	0.0,	1.2);	(-150.0,	-80.0,	0.0,	1.2);
(-150.0,	-90.0,	0.0,	1.2);	(-150.0,	-100.0,	0.0,	1.2);
(-140.0,	100.0,	0.0,	1.2);	(-140.0,	90.0,	0.0,	1.2);
(-140.0,	80.0,	0.0,	1.2);	(-140.0,	70.0,	0.0,	1.2);
(-140.0,	60.0,	0.0,	1.2);	(-140.0,	50.0,	0.0,	1.2);
(-140.0,	40.0,	0.0,	1.2);	(-140.0,	30.0,	0.0,	1.2);
(-140.0,	25.0,	0.0,	1.2);	(-140.0,	20.0,	0.0,	1.2);
(-140.0,	17.0,	0.0,	1.2);	(-140.0,	15.0,	0.0,	1.2);
(-140.0,	13.0,	0.0,	1.2);	(-140.0,	11.0,	0.0,	1.2);
(-140.0,	9.0,	0.0,	1.2);	(-140.0,	-9.0,	0.0,	1.2);
(-140.0,	-11.0,	0.0,	1.2);	(-140.0,	-13.0,	0.0,	1.2);
(-140.0,	-15.0,	0.0,	1.2);	(-140.0,	-17.0,	0.0,	1.2);
(-140.0,	-20.0,	0.0,	1.2);	(-140.0,	-25.0,	0.0,	1.2);
(-140.0,	-30.0,	0.0,	1.2);	(-140.0,	-40.0,	0.0,	1.2);
(-140.0,	-50.0,	0.0,	1.2);	(-140.0,	-60.0,	0.0,	1.2);
(-140.0,	-70.0,	0.0,	1.2);	(-140.0,	-80.0,	0.0,	1.2);
(-140.0,	-90.0,	0.0,	1.2);	(-140.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-130.0,	100.0,	0.0,	1.2);	(-130.0,	90.0,	0.0,	1.2);
(-130.0,	80.0,	0.0,	1.2);	(-130.0,	70.0,	0.0,	1.2);
(-130.0,	60.0,	0.0,	1.2);	(-130.0,	50.0,	0.0,	1.2);
(-130.0,	40.0,	0.0,	1.2);	(-130.0,	30.0,	0.0,	1.2);
(-130.0,	25.0,	0.0,	1.2);	(-130.0,	20.0,	0.0,	1.2);
(-130.0,	17.0,	0.0,	1.2);	(-130.0,	15.0,	0.0,	1.2);
(-130.0,	13.0,	0.0,	1.2);	(-130.0,	11.0,	0.0,	1.2);
(-130.0,	9.0,	0.0,	1.2);	(-130.0,	-9.0,	0.0,	1.2);
(-130.0,	-11.0,	0.0,	1.2);	(-130.0,	-13.0,	0.0,	1.2);
(-130.0,	-15.0,	0.0,	1.2);	(-130.0,	-17.0,	0.0,	1.2);
(-130.0,	-20.0,	0.0,	1.2);	(-130.0,	-25.0,	0.0,	1.2);
(-130.0,	-30.0,	0.0,	1.2);	(-130.0,	-40.0,	0.0,	1.2);
(-130.0,	-50.0,	0.0,	1.2);	(-130.0,	-60.0,	0.0,	1.2);
(-130.0,	-70.0,	0.0,	1.2);	(-130.0,	-80.0,	0.0,	1.2);
(-130.0,	-90.0,	0.0,	1.2);	(-130.0,	-100.0,	0.0,	1.2);

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

(-120.0,	100.0,	0.0,	1.2);	(-120.0,	90.0,	0.0,	1.2);
(-120.0,	80.0,	0.0,	1.2);	(-120.0,	70.0,	0.0,	1.2);
(-120.0,	60.0,	0.0,	1.2);	(-120.0,	50.0,	0.0,	1.2);
(-120.0,	40.0,	0.0,	1.2);	(-120.0,	30.0,	0.0,	1.2);
(-120.0,	25.0,	0.0,	1.2);	(-120.0,	20.0,	0.0,	1.2);
(-120.0,	17.0,	0.0,	1.2);	(-120.0,	15.0,	0.0,	1.2);
(-120.0,	13.0,	0.0,	1.2);	(-120.0,	11.0,	0.0,	1.2);
(-120.0,	9.0,	0.0,	1.2);	(-120.0,	-9.0,	0.0,	1.2);
(-120.0,	-11.0,	0.0,	1.2);	(-120.0,	-13.0,	0.0,	1.2);
(-120.0,	-15.0,	0.0,	1.2);	(-120.0,	-17.0,	0.0,	1.2);
(-120.0,	-20.0,	0.0,	1.2);	(-120.0,	-25.0,	0.0,	1.2);
(-120.0,	-30.0,	0.0,	1.2);	(-120.0,	-40.0,	0.0,	1.2);
(-120.0,	-50.0,	0.0,	1.2);	(-120.0,	-60.0,	0.0,	1.2);
(-120.0,	-70.0,	0.0,	1.2);	(-120.0,	-80.0,	0.0,	1.2);
(-120.0,	-90.0,	0.0,	1.2);	(-120.0,	-100.0,	0.0,	1.2);
(-110.0,	100.0,	0.0,	1.2);	(-110.0,	90.0,	0.0,	1.2);
(-110.0,	80.0,	0.0,	1.2);	(-110.0,	70.0,	0.0,	1.2);
(-110.0,	60.0,	0.0,	1.2);	(-110.0,	50.0,	0.0,	1.2);
(-110.0,	40.0,	0.0,	1.2);	(-110.0,	30.0,	0.0,	1.2);
(-110.0,	25.0,	0.0,	1.2);	(-110.0,	20.0,	0.0,	1.2);
(-110.0,	17.0,	0.0,	1.2);	(-110.0,	15.0,	0.0,	1.2);
(-110.0,	13.0,	0.0,	1.2);	(-110.0,	11.0,	0.0,	1.2);
(-110.0,	9.0,	0.0,	1.2);	(-110.0,	-9.0,	0.0,	1.2);
(-110.0,	-11.0,	0.0,	1.2);	(-110.0,	-13.0,	0.0,	1.2);
(-110.0,	-15.0,	0.0,	1.2);	(-110.0,	-17.0,	0.0,	1.2);
(-110.0,	-20.0,	0.0,	1.2);	(-110.0,	-25.0,	0.0,	1.2);
(-110.0,	-30.0,	0.0,	1.2);	(-110.0,	-40.0,	0.0,	1.2);
(-110.0,	-50.0,	0.0,	1.2);	(-110.0,	-60.0,	0.0,	1.2);
(-110.0,	-70.0,	0.0,	1.2);	(-110.0,	-80.0,	0.0,	1.2);
(-110.0,	-90.0,	0.0,	1.2);	(-110.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	100.0,	0.0,	1.2);	(-100.0,	90.0,	0.0,	1.2);
(-100.0,	80.0,	0.0,	1.2);	(-100.0,	70.0,	0.0,	1.2);
(-100.0,	60.0,	0.0,	1.2);	(-100.0,	50.0,	0.0,	1.2);
(-100.0,	40.0,	0.0,	1.2);	(-100.0,	30.0,	0.0,	1.2);
(-100.0,	25.0,	0.0,	1.2);	(-100.0,	20.0,	0.0,	1.2);
(-100.0,	17.0,	0.0,	1.2);	(-100.0,	15.0,	0.0,	1.2);
(-100.0,	13.0,	0.0,	1.2);	(-100.0,	11.0,	0.0,	1.2);

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

(-100.0,	9.0,	0.0,	1.2);	(-100.0,	-9.0,	0.0,	1.2);
(-100.0,	-11.0,	0.0,	1.2);	(-100.0,	-13.0,	0.0,	1.2);
(-100.0,	-15.0,	0.0,	1.2);	(-100.0,	-17.0,	0.0,	1.2);
(-100.0,	-20.0,	0.0,	1.2);	(-100.0,	-25.0,	0.0,	1.2);
(-100.0,	-30.0,	0.0,	1.2);	(-100.0,	-40.0,	0.0,	1.2);
(-100.0,	-50.0,	0.0,	1.2);	(-100.0,	-60.0,	0.0,	1.2);
(-100.0,	-70.0,	0.0,	1.2);	(-100.0,	-80.0,	0.0,	1.2);
(-100.0,	-90.0,	0.0,	1.2);	(-100.0,	-100.0,	0.0,	1.2);
(-90.0,	100.0,	0.0,	1.2);	(-90.0,	90.0,	0.0,	1.2);
(-90.0,	80.0,	0.0,	1.2);	(-90.0,	70.0,	0.0,	1.2);
(-90.0,	60.0,	0.0,	1.2);	(-90.0,	50.0,	0.0,	1.2);
(-90.0,	40.0,	0.0,	1.2);	(-90.0,	30.0,	0.0,	1.2);
(-90.0,	25.0,	0.0,	1.2);	(-90.0,	20.0,	0.0,	1.2);
(-90.0,	17.0,	0.0,	1.2);	(-90.0,	15.0,	0.0,	1.2);
(-90.0,	13.0,	0.0,	1.2);	(-90.0,	11.0,	0.0,	1.2);
(-90.0,	9.0,	0.0,	1.2);	(-90.0,	-9.0,	0.0,	1.2);
(-90.0,	-11.0,	0.0,	1.2);	(-90.0,	-13.0,	0.0,	1.2);
(-90.0,	-15.0,	0.0,	1.2);	(-90.0,	-17.0,	0.0,	1.2);
(-90.0,	-20.0,	0.0,	1.2);	(-90.0,	-25.0,	0.0,	1.2);
(-90.0,	-30.0,	0.0,	1.2);	(-90.0,	-40.0,	0.0,	1.2);
(-90.0,	-50.0,	0.0,	1.2);	(-90.0,	-60.0,	0.0,	1.2);
(-90.0,	-70.0,	0.0,	1.2);	(-90.0,	-80.0,	0.0,	1.2);
(-90.0,	-90.0,	0.0,	1.2);	(-90.0,	-100.0,	0.0,	1.2);
(-80.0,	100.0,	0.0,	1.2);	(-80.0,	90.0,	0.0,	1.2);
(-80.0,	80.0,	0.0,	1.2);	(-80.0,	70.0,	0.0,	1.2);
(-80.0,	60.0,	0.0,	1.2);	(-80.0,	50.0,	0.0,	1.2);
(-80.0,	40.0,	0.0,	1.2);	(-80.0,	30.0,	0.0,	1.2);
(-80.0,	25.0,	0.0,	1.2);	(-80.0,	20.0,	0.0,	1.2);
(-80.0,	17.0,	0.0,	1.2);	(-80.0,	15.0,	0.0,	1.2);
(-80.0,	13.0,	0.0,	1.2);	(-80.0,	11.0,	0.0,	1.2);
(-80.0,	9.0,	0.0,	1.2);	(-80.0,	-9.0,	0.0,	1.2);
(-80.0,	-11.0,	0.0,	1.2);	(-80.0,	-13.0,	0.0,	1.2);
(-80.0,	-15.0,	0.0,	1.2);	(-80.0,	-17.0,	0.0,	1.2);
(-80.0,	-20.0,	0.0,	1.2);	(-80.0,	-25.0,	0.0,	1.2);
(-80.0,	-30.0,	0.0,	1.2);	(-80.0,	-40.0,	0.0,	1.2);
(-80.0,	-50.0,	0.0,	1.2);	(-80.0,	-60.0,	0.0,	1.2);
(-80.0,	-70.0,	0.0,	1.2);	(-80.0,	-80.0,	0.0,	1.2);
(-80.0,	-90.0,	0.0,	1.2);	(-80.0,	-100.0,	0.0,	1.2);

1 *** ISCT3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound
(METERS)

(-70.0, 100.0, 0.0, 1.2);	(-70.0, 90.0, 0.0, 1.2);
(-70.0, 80.0, 0.0, 1.2);	(-70.0, 70.0, 0.0, 1.2);
(-70.0, 60.0, 0.0, 1.2);	(-70.0, 50.0, 0.0, 1.2);
(-70.0, 40.0, 0.0, 1.2);	(-70.0, 30.0, 0.0, 1.2);
(-70.0, 25.0, 0.0, 1.2);	(-70.0, 20.0, 0.0, 1.2);
(-70.0, 17.0, 0.0, 1.2);	(-70.0, 15.0, 0.0, 1.2);
(-70.0, 13.0, 0.0, 1.2);	(-70.0, 11.0, 0.0, 1.2);
(-70.0, 9.0, 0.0, 1.2);	(-70.0, -9.0, 0.0, 1.2);
(-70.0, -11.0, 0.0, 1.2);	(-70.0, -13.0, 0.0, 1.2);
(-70.0, -15.0, 0.0, 1.2);	(-70.0, -17.0, 0.0, 1.2);
(-70.0, -20.0, 0.0, 1.2);	(-70.0, -25.0, 0.0, 1.2);
(-70.0, -30.0, 0.0, 1.2);	(-70.0, -40.0, 0.0, 1.2);
(-70.0, -50.0, 0.0, 1.2);	(-70.0, -60.0, 0.0, 1.2);
(-70.0, -70.0, 0.0, 1.2);	(-70.0, -80.0, 0.0, 1.2);
(-70.0, -90.0, 0.0, 1.2);	(-70.0, -100.0, 0.0, 1.2);
(-60.0, 100.0, 0.0, 1.2);	(-60.0, 90.0, 0.0, 1.2);
(-60.0, 80.0, 0.0, 1.2);	(-60.0, 70.0, 0.0, 1.2);
(-60.0, 60.0, 0.0, 1.2);	(-60.0, 50.0, 0.0, 1.2);
(-60.0, 40.0, 0.0, 1.2);	(-60.0, 30.0, 0.0, 1.2);
(-60.0, 25.0, 0.0, 1.2);	(-60.0, 20.0, 0.0, 1.2);
(-60.0, 17.0, 0.0, 1.2);	(-60.0, 15.0, 0.0, 1.2);
(-60.0, 13.0, 0.0, 1.2);	(-60.0, 11.0, 0.0, 1.2);
(-60.0, 9.0, 0.0, 1.2);	(-60.0, -9.0, 0.0, 1.2);
(-60.0, -11.0, 0.0, 1.2);	(-60.0, -13.0, 0.0, 1.2);
(-60.0, -15.0, 0.0, 1.2);	(-60.0, -17.0, 0.0, 1.2);
(-60.0, -20.0, 0.0, 1.2);	(-60.0, -25.0, 0.0, 1.2);
(-60.0, -30.0, 0.0, 1.2);	(-60.0, -40.0, 0.0, 1.2);
(-60.0, -50.0, 0.0, 1.2);	(-60.0, -60.0, 0.0, 1.2);
(-60.0, -70.0, 0.0, 1.2);	(-60.0, -80.0, 0.0, 1.2);
(-60.0, -90.0, 0.0, 1.2);	(-60.0, -100.0, 0.0, 1.2);
(-50.0, 100.0, 0.0, 1.2);	(-50.0, 90.0, 0.0, 1.2);
(-50.0, 80.0, 0.0, 1.2);	(-50.0, 70.0, 0.0, 1.2);
(-50.0, 60.0, 0.0, 1.2);	(-50.0, 50.0, 0.0, 1.2);
(-50.0, 40.0, 0.0, 1.2);	(-50.0, 30.0, 0.0, 1.2);
(-50.0, 25.0, 0.0, 1.2);	(-50.0, 20.0, 0.0, 1.2);
(-50.0, 17.0, 0.0, 1.2);	(-50.0, 15.0, 0.0, 1.2);
(-50.0, 13.0, 0.0, 1.2);	(-50.0, 11.0, 0.0, 1.2);
(-50.0, 9.0, 0.0, 1.2);	(-50.0, -9.0, 0.0, 1.2);
(-50.0, -11.0, 0.0, 1.2);	(-50.0, -13.0, 0.0, 1.2);
(-50.0, -15.0, 0.0, 1.2);	(-50.0, -17.0, 0.0, 1.2);
(-50.0, -20.0, 0.0, 1.2);	(-50.0, -25.0, 0.0, 1.2);
(-50.0, -30.0, 0.0, 1.2);	(-50.0, -40.0, 0.0, 1.2);
(-50.0, -50.0, 0.0, 1.2);	(-50.0, -60.0, 0.0, 1.2);

10NCRA_NAPA01-300_DPM_TRAV_ANN E-W Bound

(-50.0, -70.0, 0.0, 1.2); (-50.0, -80.0, 0.0, 1.2);
(-50.0, -90.0, 0.0, 1.2); (-50.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-40.0, 100.0, 0.0, 1.2); (-40.0, 90.0, 0.0, 1.2);
(-40.0, 80.0, 0.0, 1.2); (-40.0, 70.0, 0.0, 1.2);
(-40.0, 60.0, 0.0, 1.2); (-40.0, 50.0, 0.0, 1.2);
(-40.0, 40.0, 0.0, 1.2); (-40.0, 30.0, 0.0, 1.2);
(-40.0, 25.0, 0.0, 1.2); (-40.0, 20.0, 0.0, 1.2);
(-40.0, 17.0, 0.0, 1.2); (-40.0, 15.0, 0.0, 1.2);
(-40.0, 13.0, 0.0, 1.2); (-40.0, 11.0, 0.0, 1.2);
(-40.0, 9.0, 0.0, 1.2); (-40.0, -9.0, 0.0, 1.2);
(-40.0, -11.0, 0.0, 1.2); (-40.0, -13.0, 0.0, 1.2);
(-40.0, -15.0, 0.0, 1.2); (-40.0, -17.0, 0.0, 1.2);
(-40.0, -20.0, 0.0, 1.2); (-40.0, -25.0, 0.0, 1.2);
(-40.0, -30.0, 0.0, 1.2); (-40.0, -40.0, 0.0, 1.2);
(-40.0, -50.0, 0.0, 1.2); (-40.0, -60.0, 0.0, 1.2);
(-40.0, -70.0, 0.0, 1.2); (-40.0, -80.0, 0.0, 1.2);
(-40.0, -90.0, 0.0, 1.2); (-40.0, -100.0, 0.0, 1.2);
(-30.0, 100.0, 0.0, 1.2); (-30.0, 90.0, 0.0, 1.2);
(-30.0, 80.0, 0.0, 1.2); (-30.0, 70.0, 0.0, 1.2);
(-30.0, 60.0, 0.0, 1.2); (-30.0, 50.0, 0.0, 1.2);
(-30.0, 40.0, 0.0, 1.2); (-30.0, 30.0, 0.0, 1.2);
(-30.0, 25.0, 0.0, 1.2); (-30.0, 20.0, 0.0, 1.2);
(-30.0, 17.0, 0.0, 1.2); (-30.0, 15.0, 0.0, 1.2);
(-30.0, 13.0, 0.0, 1.2); (-30.0, 11.0, 0.0, 1.2);
(-30.0, 9.0, 0.0, 1.2); (-30.0, -9.0, 0.0, 1.2);
(-30.0, -11.0, 0.0, 1.2); (-30.0, -13.0, 0.0, 1.2);
(-30.0, -15.0, 0.0, 1.2); (-30.0, -17.0, 0.0, 1.2);
(-30.0, -20.0, 0.0, 1.2); (-30.0, -25.0, 0.0, 1.2);
(-30.0, -30.0, 0.0, 1.2); (-30.0, -40.0, 0.0, 1.2);
(-30.0, -50.0, 0.0, 1.2); (-30.0, -60.0, 0.0, 1.2);
(-30.0, -70.0, 0.0, 1.2); (-30.0, -80.0, 0.0, 1.2);
(-30.0, -90.0, 0.0, 1.2); (-30.0, -100.0, 0.0, 1.2);
(-20.0, 100.0, 0.0, 1.2); (-20.0, 90.0, 0.0, 1.2);
(-20.0, 80.0, 0.0, 1.2); (-20.0, 70.0, 0.0, 1.2);
(-20.0, 60.0, 0.0, 1.2); (-20.0, 50.0, 0.0, 1.2);
(-20.0, 40.0, 0.0, 1.2); (-20.0, 30.0, 0.0, 1.2);
(-20.0, 25.0, 0.0, 1.2); (-20.0, 20.0, 0.0, 1.2);

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

(-20.0,	17.0,	0.0,	1.2);	(-20.0,	15.0,	0.0,	1.2);
(-20.0,	13.0,	0.0,	1.2);	(-20.0,	11.0,	0.0,	1.2);
(-20.0,	9.0,	0.0,	1.2);	(-20.0,	-9.0,	0.0,	1.2);
(-20.0,	-11.0,	0.0,	1.2);	(-20.0,	-13.0,	0.0,	1.2);
(-20.0,	-15.0,	0.0,	1.2);	(-20.0,	-17.0,	0.0,	1.2);
(-20.0,	-20.0,	0.0,	1.2);	(-20.0,	-25.0,	0.0,	1.2);
(-20.0,	-30.0,	0.0,	1.2);	(-20.0,	-40.0,	0.0,	1.2);
(-20.0,	-50.0,	0.0,	1.2);	(-20.0,	-60.0,	0.0,	1.2);
(-20.0,	-70.0,	0.0,	1.2);	(-20.0,	-80.0,	0.0,	1.2);
(-20.0,	-90.0,	0.0,	1.2);	(-20.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-10.0,	100.0,	0.0,	1.2);	(-10.0,	90.0,	0.0,	1.2);
(-10.0,	80.0,	0.0,	1.2);	(-10.0,	70.0,	0.0,	1.2);
(-10.0,	60.0,	0.0,	1.2);	(-10.0,	50.0,	0.0,	1.2);
(-10.0,	40.0,	0.0,	1.2);	(-10.0,	30.0,	0.0,	1.2);
(-10.0,	25.0,	0.0,	1.2);	(-10.0,	20.0,	0.0,	1.2);
(-10.0,	17.0,	0.0,	1.2);	(-10.0,	15.0,	0.0,	1.2);
(-10.0,	13.0,	0.0,	1.2);	(-10.0,	11.0,	0.0,	1.2);
(-10.0,	9.0,	0.0,	1.2);	(-10.0,	-9.0,	0.0,	1.2);
(-10.0,	-11.0,	0.0,	1.2);	(-10.0,	-13.0,	0.0,	1.2);
(-10.0,	-15.0,	0.0,	1.2);	(-10.0,	-17.0,	0.0,	1.2);
(-10.0,	-20.0,	0.0,	1.2);	(-10.0,	-25.0,	0.0,	1.2);
(-10.0,	-30.0,	0.0,	1.2);	(-10.0,	-40.0,	0.0,	1.2);
(-10.0,	-50.0,	0.0,	1.2);	(-10.0,	-60.0,	0.0,	1.2);
(-10.0,	-70.0,	0.0,	1.2);	(-10.0,	-80.0,	0.0,	1.2);
(-10.0,	-90.0,	0.0,	1.2);	(-10.0,	-100.0,	0.0,	1.2);
(0.0,	100.0,	0.0,	1.2);	(0.0,	90.0,	0.0,	1.2);
(0.0,	80.0,	0.0,	1.2);	(0.0,	70.0,	0.0,	1.2);
(0.0,	60.0,	0.0,	1.2);	(0.0,	50.0,	0.0,	1.2);
(0.0,	40.0,	0.0,	1.2);	(0.0,	30.0,	0.0,	1.2);
(0.0,	25.0,	0.0,	1.2);	(0.0,	20.0,	0.0,	1.2);
(0.0,	17.0,	0.0,	1.2);	(0.0,	15.0,	0.0,	1.2);
(0.0,	13.0,	0.0,	1.2);	(0.0,	11.0,	0.0,	1.2);
(0.0,	9.0,	0.0,	1.2);	(0.0,	-9.0,	0.0,	1.2);
(0.0,	-11.0,	0.0,	1.2);	(0.0,	-13.0,	0.0,	1.2);
(0.0,	-15.0,	0.0,	1.2);	(0.0,	-17.0,	0.0,	1.2);
(0.0,	-20.0,	0.0,	1.2);	(0.0,	-25.0,	0.0,	1.2);
(0.0,	-30.0,	0.0,	1.2);	(0.0,	-40.0,	0.0,	1.2);

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

(	0.0,	-50.0,	0.0,	1.2);	(	0.0,	-60.0,	0.0,	1.2);
(	0.0,	-70.0,	0.0,	1.2);	(	0.0,	-80.0,	0.0,	1.2);
(	0.0,	-90.0,	0.0,	1.2);	(	0.0,	-100.0,	0.0,	1.2);
(	10.0,	100.0,	0.0,	1.2);	(	10.0,	90.0,	0.0,	1.2);
(	10.0,	80.0,	0.0,	1.2);	(	10.0,	70.0,	0.0,	1.2);
(	10.0,	60.0,	0.0,	1.2);	(	10.0,	50.0,	0.0,	1.2);
(	10.0,	40.0,	0.0,	1.2);	(	10.0,	30.0,	0.0,	1.2);
(	10.0,	25.0,	0.0,	1.2);	(	10.0,	20.0,	0.0,	1.2);
(	10.0,	17.0,	0.0,	1.2);	(	10.0,	15.0,	0.0,	1.2);
(	10.0,	13.0,	0.0,	1.2);	(	10.0,	11.0,	0.0,	1.2);
(	10.0,	9.0,	0.0,	1.2);	(	10.0,	-9.0,	0.0,	1.2);
(	10.0,	-11.0,	0.0,	1.2);	(	10.0,	-13.0,	0.0,	1.2);
(	10.0,	-15.0,	0.0,	1.2);	(	10.0,	-17.0,	0.0,	1.2);
(	10.0,	-20.0,	0.0,	1.2);	(	10.0,	-25.0,	0.0,	1.2);
(	10.0,	-30.0,	0.0,	1.2);	(	10.0,	-40.0,	0.0,	1.2);
(	10.0,	-50.0,	0.0,	1.2);	(	10.0,	-60.0,	0.0,	1.2);
(	10.0,	-70.0,	0.0,	1.2);	(	10.0,	-80.0,	0.0,	1.2);
(	10.0,	-90.0,	0.0,	1.2);	(	10.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(	20.0,	100.0,	0.0,	1.2);	(	20.0,	90.0,	0.0,	1.2);
(	20.0,	80.0,	0.0,	1.2);	(	20.0,	70.0,	0.0,	1.2);
(	20.0,	60.0,	0.0,	1.2);	(	20.0,	50.0,	0.0,	1.2);
(	20.0,	40.0,	0.0,	1.2);	(	20.0,	30.0,	0.0,	1.2);
(	20.0,	25.0,	0.0,	1.2);	(	20.0,	20.0,	0.0,	1.2);
(	20.0,	17.0,	0.0,	1.2);	(	20.0,	15.0,	0.0,	1.2);
(	20.0,	13.0,	0.0,	1.2);	(	20.0,	11.0,	0.0,	1.2);
(	20.0,	9.0,	0.0,	1.2);	(	20.0,	-9.0,	0.0,	1.2);
(	20.0,	-11.0,	0.0,	1.2);	(	20.0,	-13.0,	0.0,	1.2);
(	20.0,	-15.0,	0.0,	1.2);	(	20.0,	-17.0,	0.0,	1.2);
(	20.0,	-20.0,	0.0,	1.2);	(	20.0,	-25.0,	0.0,	1.2);
(	20.0,	-30.0,	0.0,	1.2);	(	20.0,	-40.0,	0.0,	1.2);
(	20.0,	-50.0,	0.0,	1.2);	(	20.0,	-60.0,	0.0,	1.2);
(	20.0,	-70.0,	0.0,	1.2);	(	20.0,	-80.0,	0.0,	1.2);
(	20.0,	-90.0,	0.0,	1.2);	(	20.0,	-100.0,	0.0,	1.2);
(	30.0,	100.0,	0.0,	1.2);	(	30.0,	90.0,	0.0,	1.2);
(	30.0,	80.0,	0.0,	1.2);	(	30.0,	70.0,	0.0,	1.2);
(	30.0,	60.0,	0.0,	1.2);	(	30.0,	50.0,	0.0,	1.2);
(	30.0,	40.0,	0.0,	1.2);	(	30.0,	30.0,	0.0,	1.2);

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

(30.0, 25.0, 0.0, 1.2);	(30.0, 20.0, 0.0, 1.2);
(30.0, 17.0, 0.0, 1.2);	(30.0, 15.0, 0.0, 1.2);
(30.0, 13.0, 0.0, 1.2);	(30.0, 11.0, 0.0, 1.2);
(30.0, 9.0, 0.0, 1.2);	(30.0, -9.0, 0.0, 1.2);
(30.0, -11.0, 0.0, 1.2);	(30.0, -13.0, 0.0, 1.2);
(30.0, -15.0, 0.0, 1.2);	(30.0, -17.0, 0.0, 1.2);
(30.0, -20.0, 0.0, 1.2);	(30.0, -25.0, 0.0, 1.2);
(30.0, -30.0, 0.0, 1.2);	(30.0, -40.0, 0.0, 1.2);
(30.0, -50.0, 0.0, 1.2);	(30.0, -60.0, 0.0, 1.2);
(30.0, -70.0, 0.0, 1.2);	(30.0, -80.0, 0.0, 1.2);
(30.0, -90.0, 0.0, 1.2);	(30.0, -100.0, 0.0, 1.2);
(40.0, 100.0, 0.0, 1.2);	(40.0, 90.0, 0.0, 1.2);
(40.0, 80.0, 0.0, 1.2);	(40.0, 70.0, 0.0, 1.2);
(40.0, 60.0, 0.0, 1.2);	(40.0, 50.0, 0.0, 1.2);
(40.0, 40.0, 0.0, 1.2);	(40.0, 30.0, 0.0, 1.2);
(40.0, 25.0, 0.0, 1.2);	(40.0, 20.0, 0.0, 1.2);
(40.0, 17.0, 0.0, 1.2);	(40.0, 15.0, 0.0, 1.2);
(40.0, 13.0, 0.0, 1.2);	(40.0, 11.0, 0.0, 1.2);
(40.0, 9.0, 0.0, 1.2);	(40.0, -9.0, 0.0, 1.2);
(40.0, -11.0, 0.0, 1.2);	(40.0, -13.0, 0.0, 1.2);
(40.0, -15.0, 0.0, 1.2);	(40.0, -17.0, 0.0, 1.2);
(40.0, -20.0, 0.0, 1.2);	(40.0, -25.0, 0.0, 1.2);
(40.0, -30.0, 0.0, 1.2);	(40.0, -40.0, 0.0, 1.2);
(40.0, -50.0, 0.0, 1.2);	(40.0, -60.0, 0.0, 1.2);
(40.0, -70.0, 0.0, 1.2);	(40.0, -80.0, 0.0, 1.2);
(40.0, -90.0, 0.0, 1.2);	(40.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:36:35

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(50.0, 100.0, 0.0, 1.2);	(50.0, 90.0, 0.0, 1.2);
(50.0, 80.0, 0.0, 1.2);	(50.0, 70.0, 0.0, 1.2);
(50.0, 60.0, 0.0, 1.2);	(50.0, 50.0, 0.0, 1.2);
(50.0, 40.0, 0.0, 1.2);	(50.0, 30.0, 0.0, 1.2);
(50.0, 25.0, 0.0, 1.2);	(50.0, 20.0, 0.0, 1.2);
(50.0, 17.0, 0.0, 1.2);	(50.0, 15.0, 0.0, 1.2);
(50.0, 13.0, 0.0, 1.2);	(50.0, 11.0, 0.0, 1.2);
(50.0, 9.0, 0.0, 1.2);	(50.0, -9.0, 0.0, 1.2);
(50.0, -11.0, 0.0, 1.2);	(50.0, -13.0, 0.0, 1.2);
(50.0, -15.0, 0.0, 1.2);	(50.0, -17.0, 0.0, 1.2);
(50.0, -20.0, 0.0, 1.2);	(50.0, -25.0, 0.0, 1.2);

10NCRA_NAPA01-300_DPM_TRAV_ANN E-W Bound

(50.0, -30.0, 0.0, 1.2);	(50.0, -40.0, 0.0, 1.2);
(50.0, -50.0, 0.0, 1.2);	(50.0, -60.0, 0.0, 1.2);
(50.0, -70.0, 0.0, 1.2);	(50.0, -80.0, 0.0, 1.2);
(50.0, -90.0, 0.0, 1.2);	(50.0, -100.0, 0.0, 1.2);
(60.0, 100.0, 0.0, 1.2);	(60.0, 90.0, 0.0, 1.2);
(60.0, 80.0, 0.0, 1.2);	(60.0, 70.0, 0.0, 1.2);
(60.0, 60.0, 0.0, 1.2);	(60.0, 50.0, 0.0, 1.2);
(60.0, 40.0, 0.0, 1.2);	(60.0, 30.0, 0.0, 1.2);
(60.0, 25.0, 0.0, 1.2);	(60.0, 20.0, 0.0, 1.2);
(60.0, 17.0, 0.0, 1.2);	(60.0, 15.0, 0.0, 1.2);
(60.0, 13.0, 0.0, 1.2);	(60.0, 11.0, 0.0, 1.2);
(60.0, 9.0, 0.0, 1.2);	(60.0, -9.0, 0.0, 1.2);
(60.0, -11.0, 0.0, 1.2);	(60.0, -13.0, 0.0, 1.2);
(60.0, -15.0, 0.0, 1.2);	(60.0, -17.0, 0.0, 1.2);
(60.0, -20.0, 0.0, 1.2);	(60.0, -25.0, 0.0, 1.2);
(60.0, -30.0, 0.0, 1.2);	(60.0, -40.0, 0.0, 1.2);
(60.0, -50.0, 0.0, 1.2);	(60.0, -60.0, 0.0, 1.2);
(60.0, -70.0, 0.0, 1.2);	(60.0, -80.0, 0.0, 1.2);
(60.0, -90.0, 0.0, 1.2);	(60.0, -100.0, 0.0, 1.2);
(70.0, 100.0, 0.0, 1.2);	(70.0, 90.0, 0.0, 1.2);
(70.0, 80.0, 0.0, 1.2);	(70.0, 70.0, 0.0, 1.2);
(70.0, 60.0, 0.0, 1.2);	(70.0, 50.0, 0.0, 1.2);
(70.0, 40.0, 0.0, 1.2);	(70.0, 30.0, 0.0, 1.2);
(70.0, 25.0, 0.0, 1.2);	(70.0, 20.0, 0.0, 1.2);
(70.0, 17.0, 0.0, 1.2);	(70.0, 15.0, 0.0, 1.2);
(70.0, 13.0, 0.0, 1.2);	(70.0, 11.0, 0.0, 1.2);
(70.0, 9.0, 0.0, 1.2);	(70.0, -9.0, 0.0, 1.2);
(70.0, -11.0, 0.0, 1.2);	(70.0, -13.0, 0.0, 1.2);
(70.0, -15.0, 0.0, 1.2);	(70.0, -17.0, 0.0, 1.2);
(70.0, -20.0, 0.0, 1.2);	(70.0, -25.0, 0.0, 1.2);
(70.0, -30.0, 0.0, 1.2);	(70.0, -40.0, 0.0, 1.2);
(70.0, -50.0, 0.0, 1.2);	(70.0, -60.0, 0.0, 1.2);
(70.0, -70.0, 0.0, 1.2);	(70.0, -80.0, 0.0, 1.2);
(70.0, -90.0, 0.0, 1.2);	(70.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(80.0, 100.0, 0.0, 1.2);	(80.0, 90.0, 0.0, 1.2);
(80.0, 80.0, 0.0, 1.2);	(80.0, 70.0, 0.0, 1.2);
(80.0, 60.0, 0.0, 1.2);	(80.0, 50.0, 0.0, 1.2);

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

(80.0, 40.0, 0.0, 1.2);	(80.0, 30.0, 0.0, 1.2);
(80.0, 25.0, 0.0, 1.2);	(80.0, 20.0, 0.0, 1.2);
(80.0, 17.0, 0.0, 1.2);	(80.0, 15.0, 0.0, 1.2);
(80.0, 13.0, 0.0, 1.2);	(80.0, 11.0, 0.0, 1.2);
(80.0, 9.0, 0.0, 1.2);	(80.0, -9.0, 0.0, 1.2);
(80.0, -11.0, 0.0, 1.2);	(80.0, -13.0, 0.0, 1.2);
(80.0, -15.0, 0.0, 1.2);	(80.0, -17.0, 0.0, 1.2);
(80.0, -20.0, 0.0, 1.2);	(80.0, -25.0, 0.0, 1.2);
(80.0, -30.0, 0.0, 1.2);	(80.0, -40.0, 0.0, 1.2);
(80.0, -50.0, 0.0, 1.2);	(80.0, -60.0, 0.0, 1.2);
(80.0, -70.0, 0.0, 1.2);	(80.0, -80.0, 0.0, 1.2);
(80.0, -90.0, 0.0, 1.2);	(80.0, -100.0, 0.0, 1.2);
(90.0, 100.0, 0.0, 1.2);	(90.0, 90.0, 0.0, 1.2);
(90.0, 80.0, 0.0, 1.2);	(90.0, 70.0, 0.0, 1.2);
(90.0, 60.0, 0.0, 1.2);	(90.0, 50.0, 0.0, 1.2);
(90.0, 40.0, 0.0, 1.2);	(90.0, 30.0, 0.0, 1.2);
(90.0, 25.0, 0.0, 1.2);	(90.0, 20.0, 0.0, 1.2);
(90.0, 17.0, 0.0, 1.2);	(90.0, 15.0, 0.0, 1.2);
(90.0, 13.0, 0.0, 1.2);	(90.0, 11.0, 0.0, 1.2);
(90.0, 9.0, 0.0, 1.2);	(90.0, -9.0, 0.0, 1.2);
(90.0, -11.0, 0.0, 1.2);	(90.0, -13.0, 0.0, 1.2);
(90.0, -15.0, 0.0, 1.2);	(90.0, -17.0, 0.0, 1.2);
(90.0, -20.0, 0.0, 1.2);	(90.0, -25.0, 0.0, 1.2);
(90.0, -30.0, 0.0, 1.2);	(90.0, -40.0, 0.0, 1.2);
(90.0, -50.0, 0.0, 1.2);	(90.0, -60.0, 0.0, 1.2);
(90.0, -70.0, 0.0, 1.2);	(90.0, -80.0, 0.0, 1.2);
(90.0, -90.0, 0.0, 1.2);	(90.0, -100.0, 0.0, 1.2);
(100.0, 100.0, 0.0, 1.2);	(100.0, 90.0, 0.0, 1.2);
(100.0, 80.0, 0.0, 1.2);	(100.0, 70.0, 0.0, 1.2);
(100.0, 60.0, 0.0, 1.2);	(100.0, 50.0, 0.0, 1.2);
(100.0, 40.0, 0.0, 1.2);	(100.0, 30.0, 0.0, 1.2);
(100.0, 25.0, 0.0, 1.2);	(100.0, 20.0, 0.0, 1.2);
(100.0, 17.0, 0.0, 1.2);	(100.0, 15.0, 0.0, 1.2);
(100.0, 13.0, 0.0, 1.2);	(100.0, 11.0, 0.0, 1.2);
(100.0, 9.0, 0.0, 1.2);	(100.0, -9.0, 0.0, 1.2);
(100.0, -11.0, 0.0, 1.2);	(100.0, -13.0, 0.0, 1.2);
(100.0, -15.0, 0.0, 1.2);	(100.0, -17.0, 0.0, 1.2);
(100.0, -20.0, 0.0, 1.2);	(100.0, -25.0, 0.0, 1.2);
(100.0, -30.0, 0.0, 1.2);	(100.0, -40.0, 0.0, 1.2);
(100.0, -50.0, 0.0, 1.2);	(100.0, -60.0, 0.0, 1.2);
(100.0, -70.0, 0.0, 1.2);	(100.0, -80.0, 0.0, 1.2);
(100.0, -90.0, 0.0, 1.2);	(100.0, -100.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:36:35

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(110.0, 100.0, 0.0, 1.2);	(110.0, 90.0, 0.0, 1.2);
(110.0, 80.0, 0.0, 1.2);	(110.0, 70.0, 0.0, 1.2);
(110.0, 60.0, 0.0, 1.2);	(110.0, 50.0, 0.0, 1.2);
(110.0, 40.0, 0.0, 1.2);	(110.0, 30.0, 0.0, 1.2);
(110.0, 25.0, 0.0, 1.2);	(110.0, 20.0, 0.0, 1.2);
(110.0, 17.0, 0.0, 1.2);	(110.0, 15.0, 0.0, 1.2);
(110.0, 13.0, 0.0, 1.2);	(110.0, 11.0, 0.0, 1.2);
(110.0, 9.0, 0.0, 1.2);	(110.0, -9.0, 0.0, 1.2);
(110.0, -11.0, 0.0, 1.2);	(110.0, -13.0, 0.0, 1.2);
(110.0, -15.0, 0.0, 1.2);	(110.0, -17.0, 0.0, 1.2);
(110.0, -20.0, 0.0, 1.2);	(110.0, -25.0, 0.0, 1.2);
(110.0, -30.0, 0.0, 1.2);	(110.0, -40.0, 0.0, 1.2);
(110.0, -50.0, 0.0, 1.2);	(110.0, -60.0, 0.0, 1.2);
(110.0, -70.0, 0.0, 1.2);	(110.0, -80.0, 0.0, 1.2);
(110.0, -90.0, 0.0, 1.2);	(110.0, -100.0, 0.0, 1.2);
(120.0, 100.0, 0.0, 1.2);	(120.0, 90.0, 0.0, 1.2);
(120.0, 80.0, 0.0, 1.2);	(120.0, 70.0, 0.0, 1.2);
(120.0, 60.0, 0.0, 1.2);	(120.0, 50.0, 0.0, 1.2);
(120.0, 40.0, 0.0, 1.2);	(120.0, 30.0, 0.0, 1.2);
(120.0, 25.0, 0.0, 1.2);	(120.0, 20.0, 0.0, 1.2);
(120.0, 17.0, 0.0, 1.2);	(120.0, 15.0, 0.0, 1.2);
(120.0, 13.0, 0.0, 1.2);	(120.0, 11.0, 0.0, 1.2);
(120.0, 9.0, 0.0, 1.2);	(120.0, -9.0, 0.0, 1.2);
(120.0, -11.0, 0.0, 1.2);	(120.0, -13.0, 0.0, 1.2);
(120.0, -15.0, 0.0, 1.2);	(120.0, -17.0, 0.0, 1.2);
(120.0, -20.0, 0.0, 1.2);	(120.0, -25.0, 0.0, 1.2);
(120.0, -30.0, 0.0, 1.2);	(120.0, -40.0, 0.0, 1.2);
(120.0, -50.0, 0.0, 1.2);	(120.0, -60.0, 0.0, 1.2);
(120.0, -70.0, 0.0, 1.2);	(120.0, -80.0, 0.0, 1.2);
(120.0, -90.0, 0.0, 1.2);	(120.0, -100.0, 0.0, 1.2);
(130.0, 100.0, 0.0, 1.2);	(130.0, 90.0, 0.0, 1.2);
(130.0, 80.0, 0.0, 1.2);	(130.0, 70.0, 0.0, 1.2);
(130.0, 60.0, 0.0, 1.2);	(130.0, 50.0, 0.0, 1.2);
(130.0, 40.0, 0.0, 1.2);	(130.0, 30.0, 0.0, 1.2);
(130.0, 25.0, 0.0, 1.2);	(130.0, 20.0, 0.0, 1.2);
(130.0, 17.0, 0.0, 1.2);	(130.0, 15.0, 0.0, 1.2);
(130.0, 13.0, 0.0, 1.2);	(130.0, 11.0, 0.0, 1.2);
(130.0, 9.0, 0.0, 1.2);	(130.0, -9.0, 0.0, 1.2);
(130.0, -11.0, 0.0, 1.2);	(130.0, -13.0, 0.0, 1.2);

10NCRA_NAPA01-300_DPM_TRAV_ANN E-W Bound

(130.0,	-15.0,	0.0,	1.2);	(130.0,	-17.0,	0.0,	1.2);
(130.0,	-20.0,	0.0,	1.2);	(130.0,	-25.0,	0.0,	1.2);
(130.0,	-30.0,	0.0,	1.2);	(130.0,	-40.0,	0.0,	1.2);
(130.0,	-50.0,	0.0,	1.2);	(130.0,	-60.0,	0.0,	1.2);
(130.0,	-70.0,	0.0,	1.2);	(130.0,	-80.0,	0.0,	1.2);
(130.0,	-90.0,	0.0,	1.2);	(130.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:

PAGE 17

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(140.0,	100.0,	0.0,	1.2);	(140.0,	90.0,	0.0,	1.2);
(140.0,	80.0,	0.0,	1.2);	(140.0,	70.0,	0.0,	1.2);
(140.0,	60.0,	0.0,	1.2);	(140.0,	50.0,	0.0,	1.2);
(140.0,	40.0,	0.0,	1.2);	(140.0,	30.0,	0.0,	1.2);
(140.0,	25.0,	0.0,	1.2);	(140.0,	20.0,	0.0,	1.2);
(140.0,	17.0,	0.0,	1.2);	(140.0,	15.0,	0.0,	1.2);
(140.0,	13.0,	0.0,	1.2);	(140.0,	11.0,	0.0,	1.2);
(140.0,	9.0,	0.0,	1.2);	(140.0,	-9.0,	0.0,	1.2);
(140.0,	-11.0,	0.0,	1.2);	(140.0,	-13.0,	0.0,	1.2);
(140.0,	-15.0,	0.0,	1.2);	(140.0,	-17.0,	0.0,	1.2);
(140.0,	-20.0,	0.0,	1.2);	(140.0,	-25.0,	0.0,	1.2);
(140.0,	-30.0,	0.0,	1.2);	(140.0,	-40.0,	0.0,	1.2);
(140.0,	-50.0,	0.0,	1.2);	(140.0,	-60.0,	0.0,	1.2);
(140.0,	-70.0,	0.0,	1.2);	(140.0,	-80.0,	0.0,	1.2);
(140.0,	-90.0,	0.0,	1.2);	(140.0,	-100.0,	0.0,	1.2);
(150.0,	100.0,	0.0,	1.2);	(150.0,	90.0,	0.0,	1.2);
(150.0,	80.0,	0.0,	1.2);	(150.0,	70.0,	0.0,	1.2);
(150.0,	60.0,	0.0,	1.2);	(150.0,	50.0,	0.0,	1.2);
(150.0,	40.0,	0.0,	1.2);	(150.0,	30.0,	0.0,	1.2);
(150.0,	25.0,	0.0,	1.2);	(150.0,	20.0,	0.0,	1.2);
(150.0,	17.0,	0.0,	1.2);	(150.0,	15.0,	0.0,	1.2);
(150.0,	13.0,	0.0,	1.2);	(150.0,	11.0,	0.0,	1.2);
(150.0,	9.0,	0.0,	1.2);	(150.0,	-9.0,	0.0,	1.2);
(150.0,	-11.0,	0.0,	1.2);	(150.0,	-13.0,	0.0,	1.2);
(150.0,	-15.0,	0.0,	1.2);	(150.0,	-17.0,	0.0,	1.2);
(150.0,	-20.0,	0.0,	1.2);	(150.0,	-25.0,	0.0,	1.2);
(150.0,	-30.0,	0.0,	1.2);	(150.0,	-40.0,	0.0,	1.2);
(150.0,	-50.0,	0.0,	1.2);	(150.0,	-60.0,	0.0,	1.2);
(150.0,	-70.0,	0.0,	1.2);	(150.0,	-80.0,	0.0,	1.2);
(150.0,	-90.0,	0.0,	1.2);	(150.0,	-100.0,	0.0,	1.2);
(160.0,	100.0,	0.0,	1.2);	(160.0,	90.0,	0.0,	1.2);

10NCRA_NAPA01-300_DPM_TRAV_ANN E-W Bound

(160.0,	80.0,	0.0,	1.2);	(160.0,	70.0,	0.0,	1.2);
(160.0,	60.0,	0.0,	1.2);	(160.0,	50.0,	0.0,	1.2);
(160.0,	40.0,	0.0,	1.2);	(160.0,	30.0,	0.0,	1.2);
(160.0,	25.0,	0.0,	1.2);	(160.0,	20.0,	0.0,	1.2);
(160.0,	17.0,	0.0,	1.2);	(160.0,	15.0,	0.0,	1.2);
(160.0,	13.0,	0.0,	1.2);	(160.0,	11.0,	0.0,	1.2);
(160.0,	9.0,	0.0,	1.2);	(160.0,	-9.0,	0.0,	1.2);
(160.0,	-11.0,	0.0,	1.2);	(160.0,	-13.0,	0.0,	1.2);
(160.0,	-15.0,	0.0,	1.2);	(160.0,	-17.0,	0.0,	1.2);
(160.0,	-20.0,	0.0,	1.2);	(160.0,	-25.0,	0.0,	1.2);
(160.0,	-30.0,	0.0,	1.2);	(160.0,	-40.0,	0.0,	1.2);
(160.0,	-50.0,	0.0,	1.2);	(160.0,	-60.0,	0.0,	1.2);
(160.0,	-70.0,	0.0,	1.2);	(160.0,	-80.0,	0.0,	1.2);
(160.0,	-90.0,	0.0,	1.2);	(160.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 18
 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(170.0,	100.0,	0.0,	1.2);	(170.0,	90.0,	0.0,	1.2);
(170.0,	80.0,	0.0,	1.2);	(170.0,	70.0,	0.0,	1.2);
(170.0,	60.0,	0.0,	1.2);	(170.0,	50.0,	0.0,	1.2);
(170.0,	40.0,	0.0,	1.2);	(170.0,	30.0,	0.0,	1.2);
(170.0,	25.0,	0.0,	1.2);	(170.0,	20.0,	0.0,	1.2);
(170.0,	17.0,	0.0,	1.2);	(170.0,	15.0,	0.0,	1.2);
(170.0,	13.0,	0.0,	1.2);	(170.0,	11.0,	0.0,	1.2);
(170.0,	9.0,	0.0,	1.2);	(170.0,	-9.0,	0.0,	1.2);
(170.0,	-11.0,	0.0,	1.2);	(170.0,	-13.0,	0.0,	1.2);
(170.0,	-15.0,	0.0,	1.2);	(170.0,	-17.0,	0.0,	1.2);
(170.0,	-20.0,	0.0,	1.2);	(170.0,	-25.0,	0.0,	1.2);
(170.0,	-30.0,	0.0,	1.2);	(170.0,	-40.0,	0.0,	1.2);
(170.0,	-50.0,	0.0,	1.2);	(170.0,	-60.0,	0.0,	1.2);
(170.0,	-70.0,	0.0,	1.2);	(170.0,	-80.0,	0.0,	1.2);
(170.0,	-90.0,	0.0,	1.2);	(170.0,	-100.0,	0.0,	1.2);
(180.0,	100.0,	0.0,	1.2);	(180.0,	90.0,	0.0,	1.2);
(180.0,	80.0,	0.0,	1.2);	(180.0,	70.0,	0.0,	1.2);
(180.0,	60.0,	0.0,	1.2);	(180.0,	50.0,	0.0,	1.2);
(180.0,	40.0,	0.0,	1.2);	(180.0,	30.0,	0.0,	1.2);
(180.0,	25.0,	0.0,	1.2);	(180.0,	20.0,	0.0,	1.2);
(180.0,	17.0,	0.0,	1.2);	(180.0,	15.0,	0.0,	1.2);
(180.0,	13.0,	0.0,	1.2);	(180.0,	11.0,	0.0,	1.2);
(180.0,	9.0,	0.0,	1.2);	(180.0,	-9.0,	0.0,	1.2);

10NCRA_NAPA01-300_DPM_TRAV_ANN E-W Bound

(180.0,	-11.0,	0.0,	1.2);	(180.0,	-13.0,	0.0,	1.2);
(180.0,	-15.0,	0.0,	1.2);	(180.0,	-17.0,	0.0,	1.2);
(180.0,	-20.0,	0.0,	1.2);	(180.0,	-25.0,	0.0,	1.2);
(180.0,	-30.0,	0.0,	1.2);	(180.0,	-40.0,	0.0,	1.2);
(180.0,	-50.0,	0.0,	1.2);	(180.0,	-60.0,	0.0,	1.2);
(180.0,	-70.0,	0.0,	1.2);	(180.0,	-80.0,	0.0,	1.2);
(180.0,	-90.0,	0.0,	1.2);	(180.0,	-100.0,	0.0,	1.2);
(190.0,	100.0,	0.0,	1.2);	(190.0,	90.0,	0.0,	1.2);
(190.0,	80.0,	0.0,	1.2);	(190.0,	70.0,	0.0,	1.2);
(190.0,	60.0,	0.0,	1.2);	(190.0,	50.0,	0.0,	1.2);
(190.0,	40.0,	0.0,	1.2);	(190.0,	30.0,	0.0,	1.2);
(190.0,	25.0,	0.0,	1.2);	(190.0,	20.0,	0.0,	1.2);
(190.0,	17.0,	0.0,	1.2);	(190.0,	15.0,	0.0,	1.2);
(190.0,	13.0,	0.0,	1.2);	(190.0,	11.0,	0.0,	1.2);
(190.0,	9.0,	0.0,	1.2);	(190.0,	-9.0,	0.0,	1.2);
(190.0,	-11.0,	0.0,	1.2);	(190.0,	-13.0,	0.0,	1.2);
(190.0,	-15.0,	0.0,	1.2);	(190.0,	-17.0,	0.0,	1.2);
(190.0,	-20.0,	0.0,	1.2);	(190.0,	-25.0,	0.0,	1.2);
(190.0,	-30.0,	0.0,	1.2);	(190.0,	-40.0,	0.0,	1.2);
(190.0,	-50.0,	0.0,	1.2);	(190.0,	-60.0,	0.0,	1.2);
(190.0,	-70.0,	0.0,	1.2);	(190.0,	-80.0,	0.0,	1.2);
(190.0,	-90.0,	0.0,	1.2);	(190.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTS:
 PAGE 19

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(200.0,	100.0,	0.0,	1.2);	(200.0,	90.0,	0.0,	1.2);
(200.0,	80.0,	0.0,	1.2);	(200.0,	70.0,	0.0,	1.2);
(200.0,	60.0,	0.0,	1.2);	(200.0,	50.0,	0.0,	1.2);
(200.0,	40.0,	0.0,	1.2);	(200.0,	30.0,	0.0,	1.2);
(200.0,	25.0,	0.0,	1.2);	(200.0,	20.0,	0.0,	1.2);
(200.0,	17.0,	0.0,	1.2);	(200.0,	15.0,	0.0,	1.2);
(200.0,	13.0,	0.0,	1.2);	(200.0,	11.0,	0.0,	1.2);
(200.0,	9.0,	0.0,	1.2);	(200.0,	-9.0,	0.0,	1.2);
(200.0,	-11.0,	0.0,	1.2);	(200.0,	-13.0,	0.0,	1.2);
(200.0,	-15.0,	0.0,	1.2);	(200.0,	-17.0,	0.0,	1.2);
(200.0,	-20.0,	0.0,	1.2);	(200.0,	-25.0,	0.0,	1.2);
(200.0,	-30.0,	0.0,	1.2);	(200.0,	-40.0,	0.0,	1.2);
(200.0,	-50.0,	0.0,	1.2);	(200.0,	-60.0,	0.0,	1.2);
(200.0,	-70.0,	0.0,	1.2);	(200.0,	-80.0,	0.0,	1.2);
(200.0,	-90.0,	0.0,	1.2);	(200.0,	-100.0,	0.0,	1.2);

10NCRA_NAPA01-300_DPM_TRAV_ANN E-W Bound

(210.0,	100.0,	0.0,	1.2);	(210.0,	90.0,	0.0,	1.2);
(210.0,	80.0,	0.0,	1.2);	(210.0,	70.0,	0.0,	1.2);
(210.0,	60.0,	0.0,	1.2);	(210.0,	50.0,	0.0,	1.2);
(210.0,	40.0,	0.0,	1.2);	(210.0,	30.0,	0.0,	1.2);
(210.0,	25.0,	0.0,	1.2);	(210.0,	20.0,	0.0,	1.2);
(210.0,	17.0,	0.0,	1.2);	(210.0,	15.0,	0.0,	1.2);
(210.0,	13.0,	0.0,	1.2);	(210.0,	11.0,	0.0,	1.2);
(210.0,	9.0,	0.0,	1.2);	(210.0,	-9.0,	0.0,	1.2);
(210.0,	-11.0,	0.0,	1.2);	(210.0,	-13.0,	0.0,	1.2);
(210.0,	-15.0,	0.0,	1.2);	(210.0,	-17.0,	0.0,	1.2);
(210.0,	-20.0,	0.0,	1.2);	(210.0,	-25.0,	0.0,	1.2);
(210.0,	-30.0,	0.0,	1.2);	(210.0,	-40.0,	0.0,	1.2);
(210.0,	-50.0,	0.0,	1.2);	(210.0,	-60.0,	0.0,	1.2);
(210.0,	-70.0,	0.0,	1.2);	(210.0,	-80.0,	0.0,	1.2);
(210.0,	-90.0,	0.0,	1.2);	(210.0,	-100.0,	0.0,	1.2);
(220.0,	100.0,	0.0,	1.2);	(220.0,	90.0,	0.0,	1.2);
(220.0,	80.0,	0.0,	1.2);	(220.0,	70.0,	0.0,	1.2);
(220.0,	60.0,	0.0,	1.2);	(220.0,	50.0,	0.0,	1.2);
(220.0,	40.0,	0.0,	1.2);	(220.0,	30.0,	0.0,	1.2);
(220.0,	25.0,	0.0,	1.2);	(220.0,	20.0,	0.0,	1.2);
(220.0,	17.0,	0.0,	1.2);	(220.0,	15.0,	0.0,	1.2);
(220.0,	13.0,	0.0,	1.2);	(220.0,	11.0,	0.0,	1.2);
(220.0,	9.0,	0.0,	1.2);	(220.0,	-9.0,	0.0,	1.2);
(220.0,	-11.0,	0.0,	1.2);	(220.0,	-13.0,	0.0,	1.2);
(220.0,	-15.0,	0.0,	1.2);	(220.0,	-17.0,	0.0,	1.2);
(220.0,	-20.0,	0.0,	1.2);	(220.0,	-25.0,	0.0,	1.2);
(220.0,	-30.0,	0.0,	1.2);	(220.0,	-40.0,	0.0,	1.2);
(220.0,	-50.0,	0.0,	1.2);	(220.0,	-60.0,	0.0,	1.2);
(220.0,	-70.0,	0.0,	1.2);	(220.0,	-80.0,	0.0,	1.2);
(220.0,	-90.0,	0.0,	1.2);	(220.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35
**MODELOPTs:
PAGE 20

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(230.0,	100.0,	0.0,	1.2);	(230.0,	90.0,	0.0,	1.2);
(230.0,	80.0,	0.0,	1.2);	(230.0,	70.0,	0.0,	1.2);
(230.0,	60.0,	0.0,	1.2);	(230.0,	50.0,	0.0,	1.2);
(230.0,	40.0,	0.0,	1.2);	(230.0,	30.0,	0.0,	1.2);
(230.0,	25.0,	0.0,	1.2);	(230.0,	20.0,	0.0,	1.2);
(230.0,	17.0,	0.0,	1.2);	(230.0,	15.0,	0.0,	1.2);
(230.0,	13.0,	0.0,	1.2);	(230.0,	11.0,	0.0,	1.2);

10NCRA_NAPA01-300_DPM_TRAV_ANN E-W Bound

(230.0,	9.0,	0.0,	1.2);	(230.0,	-9.0,	0.0,	1.2);
(230.0,	-11.0,	0.0,	1.2);	(230.0,	-13.0,	0.0,	1.2);
(230.0,	-15.0,	0.0,	1.2);	(230.0,	-17.0,	0.0,	1.2);
(230.0,	-20.0,	0.0,	1.2);	(230.0,	-25.0,	0.0,	1.2);
(230.0,	-30.0,	0.0,	1.2);	(230.0,	-40.0,	0.0,	1.2);
(230.0,	-50.0,	0.0,	1.2);	(230.0,	-60.0,	0.0,	1.2);
(230.0,	-70.0,	0.0,	1.2);	(230.0,	-80.0,	0.0,	1.2);
(230.0,	-90.0,	0.0,	1.2);	(230.0,	-100.0,	0.0,	1.2);
(240.0,	100.0,	0.0,	1.2);	(240.0,	90.0,	0.0,	1.2);
(240.0,	80.0,	0.0,	1.2);	(240.0,	70.0,	0.0,	1.2);
(240.0,	60.0,	0.0,	1.2);	(240.0,	50.0,	0.0,	1.2);
(240.0,	40.0,	0.0,	1.2);	(240.0,	30.0,	0.0,	1.2);
(240.0,	25.0,	0.0,	1.2);	(240.0,	20.0,	0.0,	1.2);
(240.0,	17.0,	0.0,	1.2);	(240.0,	15.0,	0.0,	1.2);
(240.0,	13.0,	0.0,	1.2);	(240.0,	11.0,	0.0,	1.2);
(240.0,	9.0,	0.0,	1.2);	(240.0,	-9.0,	0.0,	1.2);
(240.0,	-11.0,	0.0,	1.2);	(240.0,	-13.0,	0.0,	1.2);
(240.0,	-15.0,	0.0,	1.2);	(240.0,	-17.0,	0.0,	1.2);
(240.0,	-20.0,	0.0,	1.2);	(240.0,	-25.0,	0.0,	1.2);
(240.0,	-30.0,	0.0,	1.2);	(240.0,	-40.0,	0.0,	1.2);
(240.0,	-50.0,	0.0,	1.2);	(240.0,	-60.0,	0.0,	1.2);
(240.0,	-70.0,	0.0,	1.2);	(240.0,	-80.0,	0.0,	1.2);
(240.0,	-90.0,	0.0,	1.2);	(240.0,	-100.0,	0.0,	1.2);
(250.0,	100.0,	0.0,	1.2);	(250.0,	90.0,	0.0,	1.2);
(250.0,	80.0,	0.0,	1.2);	(250.0,	70.0,	0.0,	1.2);
(250.0,	60.0,	0.0,	1.2);	(250.0,	50.0,	0.0,	1.2);
(250.0,	40.0,	0.0,	1.2);	(250.0,	30.0,	0.0,	1.2);
(250.0,	25.0,	0.0,	1.2);	(250.0,	20.0,	0.0,	1.2);
(250.0,	17.0,	0.0,	1.2);	(250.0,	15.0,	0.0,	1.2);
(250.0,	13.0,	0.0,	1.2);	(250.0,	11.0,	0.0,	1.2);
(250.0,	9.0,	0.0,	1.2);	(250.0,	-9.0,	0.0,	1.2);
(250.0,	-11.0,	0.0,	1.2);	(250.0,	-13.0,	0.0,	1.2);
(250.0,	-15.0,	0.0,	1.2);	(250.0,	-17.0,	0.0,	1.2);
(250.0,	-20.0,	0.0,	1.2);	(250.0,	-25.0,	0.0,	1.2);
(250.0,	-30.0,	0.0,	1.2);	(250.0,	-40.0,	0.0,	1.2);
(250.0,	-50.0,	0.0,	1.2);	(250.0,	-60.0,	0.0,	1.2);
(250.0,	-70.0,	0.0,	1.2);	(250.0,	-80.0,	0.0,	1.2);
(250.0,	-90.0,	0.0,	1.2);	(250.0,	-100.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
01	01	01	01	206.0	1.12	276.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	02	207.9	1.00	276.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	03	224.0	1.00	275.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	04	222.0	1.39	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	05	196.3	1.21	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	06	199.2	1.00	275.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	07	233.1	1.00	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	08	172.6	1.25	274.7	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	09	185.7	1.16	275.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	10	163.4	1.00	278.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	11	356.7	1.00	282.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	12	31.6	1.21	286.2	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	13	25.2	1.21	289.0	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	14	317.4	2.06	290.9	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	15	278.4	2.15	291.0	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	16	58.6	2.19	290.0	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	17	44.9	1.61	287.6	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	18	335.9	1.07	284.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	19	278.7	1.07	282.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	20	266.8	1.00	280.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	21	229.7	1.12	278.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	22	224.0	1.12	277.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	23	204.9	1.21	276.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	24	220.0	1.16	276.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00004	-250.00	90.00	0.00004
-250.00	80.00	0.00004	-250.00	70.00	0.00005
-250.00	60.00	0.00005	-250.00	50.00	0.00005
-250.00	40.00	0.00005	-250.00	30.00	0.00006
-250.00	25.00	0.00006	-250.00	20.00	0.00006
-250.00	17.00	0.00006	-250.00	15.00	0.00006
-250.00	13.00	0.00006	-250.00	11.00	0.00006
-250.00	9.00	0.00006	-250.00	-9.00	0.00006
-250.00	-11.00	0.00006	-250.00	-13.00	0.00006
-250.00	-15.00	0.00006	-250.00	-17.00	0.00006
-250.00	-20.00	0.00006	-250.00	-25.00	0.00007
-250.00	-30.00	0.00007	-250.00	-40.00	0.00007
-250.00	-50.00	0.00007	-250.00	-60.00	0.00007
-250.00	-70.00	0.00008	-250.00	-80.00	0.00008
-250.00	-90.00	0.00008	-250.00	-100.00	0.00008
-240.00	100.00	0.00004	-240.00	90.00	0.00004
-240.00	80.00	0.00005	-240.00	70.00	0.00005

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-240.00	60.00	0.00005	-240.00	50.00	0.00005
-240.00	40.00	0.00006	-240.00	30.00	0.00006
-240.00	25.00	0.00006	-240.00	20.00	0.00006
-240.00	17.00	0.00006	-240.00	15.00	0.00006
-240.00	13.00	0.00006	-240.00	11.00	0.00006
-240.00	9.00	0.00006	-240.00	-9.00	0.00006
-240.00	-11.00	0.00006	-240.00	-13.00	0.00007
-240.00	-15.00	0.00007	-240.00	-17.00	0.00007
-240.00	-20.00	0.00007	-240.00	-25.00	0.00007
-240.00	-30.00	0.00007	-240.00	-40.00	0.00007
-240.00	-50.00	0.00007	-240.00	-60.00	0.00008
-240.00	-70.00	0.00008	-240.00	-80.00	0.00008
-240.00	-90.00	0.00009	-240.00	-100.00	0.00009
-230.00	100.00	0.00004	-230.00	90.00	0.00005
-230.00	80.00	0.00005	-230.00	70.00	0.00005
-230.00	60.00	0.00005	-230.00	50.00	0.00006
-230.00	40.00	0.00006	-230.00	30.00	0.00006
-230.00	25.00	0.00006	-230.00	20.00	0.00006
-230.00	17.00	0.00006	-230.00	15.00	0.00006
-230.00	13.00	0.00006	-230.00	11.00	0.00006
-230.00	9.00	0.00006	-230.00	-9.00	0.00007
-230.00	-11.00	0.00007	-230.00	-13.00	0.00007
-230.00	-15.00	0.00007	-230.00	-17.00	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00007	-230.00	-25.00	0.00007
-230.00	-30.00	0.00007	-230.00	-40.00	0.00008
-230.00	-50.00	0.00008	-230.00	-60.00	0.00008
-230.00	-70.00	0.00008	-230.00	-80.00	0.00009
-230.00	-90.00	0.00009	-230.00	-100.00	0.00009
-220.00	100.00	0.00005	-220.00	90.00	0.00005
-220.00	80.00	0.00005	-220.00	70.00	0.00005
-220.00	60.00	0.00005	-220.00	50.00	0.00006
-220.00	40.00	0.00006	-220.00	30.00	0.00006
-220.00	25.00	0.00006	-220.00	20.00	0.00006
-220.00	17.00	0.00007	-220.00	15.00	0.00007

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-220.00	13.00	0.00007	-220.00	11.00	0.00007
-220.00	9.00	0.00007	-220.00	-9.00	0.00007
-220.00	-11.00	0.00007	-220.00	-13.00	0.00007
-220.00	-15.00	0.00007	-220.00	-17.00	0.00007
-220.00	-20.00	0.00007	-220.00	-25.00	0.00007
-220.00	-30.00	0.00008	-220.00	-40.00	0.00008
-220.00	-50.00	0.00008	-220.00	-60.00	0.00009
-220.00	-70.00	0.00009	-220.00	-80.00	0.00009
-220.00	-90.00	0.00010	-220.00	-100.00	0.00010
-210.00	100.00	0.00005	-210.00	90.00	0.00005
-210.00	80.00	0.00005	-210.00	70.00	0.00005
-210.00	60.00	0.00006	-210.00	50.00	0.00006
-210.00	40.00	0.00006	-210.00	30.00	0.00007
-210.00	25.00	0.00007	-210.00	20.00	0.00007
-210.00	17.00	0.00007	-210.00	15.00	0.00007
-210.00	13.00	0.00007	-210.00	11.00	0.00007
-210.00	9.00	0.00007	-210.00	-9.00	0.00007
-210.00	-11.00	0.00007	-210.00	-13.00	0.00008
-210.00	-15.00	0.00008	-210.00	-17.00	0.00008
-210.00	-20.00	0.00008	-210.00	-25.00	0.00008
-210.00	-30.00	0.00008	-210.00	-40.00	0.00008
-210.00	-50.00	0.00009	-210.00	-60.00	0.00009
-210.00	-70.00	0.00009	-210.00	-80.00	0.00010
-210.00	-90.00	0.00010	-210.00	-100.00	0.00010
-200.00	100.00	0.00005	-200.00	90.00	0.00005
-200.00	80.00	0.00005	-200.00	70.00	0.00006
-200.00	60.00	0.00006	-200.00	50.00	0.00006
-200.00	40.00	0.00007	-200.00	30.00	0.00007
-200.00	25.00	0.00007	-200.00	20.00	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00007	-200.00	15.00	0.00007
-200.00	13.00	0.00007	-200.00	11.00	0.00007
-200.00	9.00	0.00007	-200.00	-9.00	0.00008
-200.00	-11.00	0.00008	-200.00	-13.00	0.00008
-200.00	-15.00	0.00008	-200.00	-17.00	0.00008

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-200.00	-20.00	0.00008	-200.00	-25.00	0.00008
-200.00	-30.00	0.00008	-200.00	-40.00	0.00009
-200.00	-50.00	0.00009	-200.00	-60.00	0.00009
-200.00	-70.00	0.00010	-200.00	-80.00	0.00010
-200.00	-90.00	0.00011	-200.00	-100.00	0.00011
-190.00	100.00	0.00005	-190.00	90.00	0.00005
-190.00	80.00	0.00006	-190.00	70.00	0.00006
-190.00	60.00	0.00006	-190.00	50.00	0.00006
-190.00	40.00	0.00007	-190.00	30.00	0.00007
-190.00	25.00	0.00007	-190.00	20.00	0.00007
-190.00	17.00	0.00007	-190.00	15.00	0.00008
-190.00	13.00	0.00008	-190.00	11.00	0.00008
-190.00	9.00	0.00008	-190.00	-9.00	0.00008
-190.00	-11.00	0.00008	-190.00	-13.00	0.00008
-190.00	-15.00	0.00008	-190.00	-17.00	0.00008
-190.00	-20.00	0.00008	-190.00	-25.00	0.00009
-190.00	-30.00	0.00009	-190.00	-40.00	0.00009
-190.00	-50.00	0.00010	-190.00	-60.00	0.00010
-190.00	-70.00	0.00010	-190.00	-80.00	0.00011
-190.00	-90.00	0.00011	-190.00	-100.00	0.00012
-180.00	100.00	0.00005	-180.00	90.00	0.00006
-180.00	80.00	0.00006	-180.00	70.00	0.00006
-180.00	60.00	0.00006	-180.00	50.00	0.00007
-180.00	40.00	0.00007	-180.00	30.00	0.00007
-180.00	25.00	0.00008	-180.00	20.00	0.00008
-180.00	17.00	0.00008	-180.00	15.00	0.00008
-180.00	13.00	0.00008	-180.00	11.00	0.00008
-180.00	9.00	0.00008	-180.00	-9.00	0.00009
-180.00	-11.00	0.00009	-180.00	-13.00	0.00009
-180.00	-15.00	0.00009	-180.00	-17.00	0.00009
-180.00	-20.00	0.00009	-180.00	-25.00	0.00009
-180.00	-30.00	0.00009	-180.00	-40.00	0.00010
-180.00	-50.00	0.00010	-180.00	-60.00	0.00011
-180.00	-70.00	0.00011	-180.00	-80.00	0.00011
-180.00	-90.00	0.00012	-180.00	-100.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 17:36:35
 **MODELOPTS:
 PAGE 26
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00006	-170.00	90.00	0.00006
-170.00	80.00	0.00006	-170.00	70.00	0.00006
-170.00	60.00	0.00007	-170.00	50.00	0.00007
-170.00	40.00	0.00007	-170.00	30.00	0.00008
-170.00	25.00	0.00008	-170.00	20.00	0.00008
-170.00	17.00	0.00008	-170.00	15.00	0.00008
-170.00	13.00	0.00008	-170.00	11.00	0.00008
-170.00	9.00	0.00008	-170.00	-9.00	0.00009
-170.00	-11.00	0.00009	-170.00	-13.00	0.00009
-170.00	-15.00	0.00009	-170.00	-17.00	0.00009
-170.00	-20.00	0.00009	-170.00	-25.00	0.00010
-170.00	-30.00	0.00010	-170.00	-40.00	0.00010
-170.00	-50.00	0.00011	-170.00	-60.00	0.00011
-170.00	-70.00	0.00012	-170.00	-80.00	0.00012
-170.00	-90.00	0.00013	-170.00	-100.00	0.00013
-160.00	100.00	0.00006	-160.00	90.00	0.00006
-160.00	80.00	0.00006	-160.00	70.00	0.00007
-160.00	60.00	0.00007	-160.00	50.00	0.00007
-160.00	40.00	0.00008	-160.00	30.00	0.00008
-160.00	25.00	0.00008	-160.00	20.00	0.00009
-160.00	17.00	0.00009	-160.00	15.00	0.00009
-160.00	13.00	0.00009	-160.00	11.00	0.00009
-160.00	9.00	0.00009	-160.00	-9.00	0.00010
-160.00	-11.00	0.00010	-160.00	-13.00	0.00010
-160.00	-15.00	0.00010	-160.00	-17.00	0.00010
-160.00	-20.00	0.00010	-160.00	-25.00	0.00010
-160.00	-30.00	0.00010	-160.00	-40.00	0.00011
-160.00	-50.00	0.00011	-160.00	-60.00	0.00012
-160.00	-70.00	0.00012	-160.00	-80.00	0.00013
-160.00	-90.00	0.00013	-160.00	-100.00	0.00014
-150.00	100.00	0.00006	-150.00	90.00	0.00006
-150.00	80.00	0.00007	-150.00	70.00	0.00007
-150.00	60.00	0.00007	-150.00	50.00	0.00008
-150.00	40.00	0.00008	-150.00	30.00	0.00009
-150.00	25.00	0.00009	-150.00	20.00	0.00009
-150.00	17.00	0.00009	-150.00	15.00	0.00009
-150.00	13.00	0.00009	-150.00	11.00	0.00009
-150.00	9.00	0.00009	-150.00	-9.00	0.00010
-150.00	-11.00	0.00010	-150.00	-13.00	0.00010
-150.00	-15.00	0.00010	-150.00	-17.00	0.00010

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:36:35

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00011	-150.00	-25.00	0.00011
-150.00	-30.00	0.00011	-150.00	-40.00	0.00012
-150.00	-50.00	0.00012	-150.00	-60.00	0.00013
-150.00	-70.00	0.00013	-150.00	-80.00	0.00014
-150.00	-90.00	0.00014	-150.00	-100.00	0.00015
-140.00	100.00	0.00006	-140.00	90.00	0.00007
-140.00	80.00	0.00007	-140.00	70.00	0.00007
-140.00	60.00	0.00008	-140.00	50.00	0.00008
-140.00	40.00	0.00009	-140.00	30.00	0.00009
-140.00	25.00	0.00009	-140.00	20.00	0.00010
-140.00	17.00	0.00010	-140.00	15.00	0.00010
-140.00	13.00	0.00010	-140.00	11.00	0.00010
-140.00	9.00	0.00010	-140.00	-9.00	0.00011
-140.00	-11.00	0.00011	-140.00	-13.00	0.00011
-140.00	-15.00	0.00011	-140.00	-17.00	0.00011
-140.00	-20.00	0.00011	-140.00	-25.00	0.00011
-140.00	-30.00	0.00012	-140.00	-40.00	0.00012
-140.00	-50.00	0.00013	-140.00	-60.00	0.00014
-140.00	-70.00	0.00014	-140.00	-80.00	0.00015
-140.00	-90.00	0.00015	-140.00	-100.00	0.00016
-130.00	100.00	0.00007	-130.00	90.00	0.00007
-130.00	80.00	0.00007	-130.00	70.00	0.00008
-130.00	60.00	0.00008	-130.00	50.00	0.00009
-130.00	40.00	0.00009	-130.00	30.00	0.00010
-130.00	25.00	0.00010	-130.00	20.00	0.00010
-130.00	17.00	0.00010	-130.00	15.00	0.00010
-130.00	13.00	0.00010	-130.00	11.00	0.00010
-130.00	9.00	0.00011	-130.00	-9.00	0.00011
-130.00	-11.00	0.00011	-130.00	-13.00	0.00012
-130.00	-15.00	0.00012	-130.00	-17.00	0.00012
-130.00	-20.00	0.00012	-130.00	-25.00	0.00012
-130.00	-30.00	0.00013	-130.00	-40.00	0.00013
-130.00	-50.00	0.00014	-130.00	-60.00	0.00015
-130.00	-70.00	0.00015	-130.00	-80.00	0.00016
-130.00	-90.00	0.00017	-130.00	-100.00	0.00017
-120.00	100.00	0.00007	-120.00	90.00	0.00007
-120.00	80.00	0.00008	-120.00	70.00	0.00008

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-120.00	60.00	0.00008	-120.00	50.00	0.00009
-120.00	40.00	0.00010	-120.00	30.00	0.00010
-120.00	25.00	0.00010	-120.00	20.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:

PAGE 28

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00011	-120.00	15.00	0.00011
-120.00	13.00	0.00011	-120.00	11.00	0.00011
-120.00	9.00	0.00011	-120.00	-9.00	0.00012
-120.00	-11.00	0.00012	-120.00	-13.00	0.00012
-120.00	-15.00	0.00012	-120.00	-17.00	0.00013
-120.00	-20.00	0.00013	-120.00	-25.00	0.00013
-120.00	-30.00	0.00013	-120.00	-40.00	0.00014
-120.00	-50.00	0.00015	-120.00	-60.00	0.00016
-120.00	-70.00	0.00016	-120.00	-80.00	0.00017
-120.00	-90.00	0.00018	-120.00	-100.00	0.00019
-110.00	100.00	0.00007	-110.00	90.00	0.00008
-110.00	80.00	0.00008	-110.00	70.00	0.00008
-110.00	60.00	0.00009	-110.00	50.00	0.00009
-110.00	40.00	0.00010	-110.00	30.00	0.00011
-110.00	25.00	0.00011	-110.00	20.00	0.00011
-110.00	17.00	0.00011	-110.00	15.00	0.00012
-110.00	13.00	0.00012	-110.00	11.00	0.00012
-110.00	9.00	0.00012	-110.00	-9.00	0.00013
-110.00	-11.00	0.00013	-110.00	-13.00	0.00013
-110.00	-15.00	0.00013	-110.00	-17.00	0.00013
-110.00	-20.00	0.00014	-110.00	-25.00	0.00014
-110.00	-30.00	0.00014	-110.00	-40.00	0.00015
-110.00	-50.00	0.00016	-110.00	-60.00	0.00017
-110.00	-70.00	0.00018	-110.00	-80.00	0.00018
-110.00	-90.00	0.00019	-110.00	-100.00	0.00020
-100.00	100.00	0.00008	-100.00	90.00	0.00008
-100.00	80.00	0.00008	-100.00	70.00	0.00009
-100.00	60.00	0.00009	-100.00	50.00	0.00010
-100.00	40.00	0.00011	-100.00	30.00	0.00011
-100.00	25.00	0.00012	-100.00	20.00	0.00012
-100.00	17.00	0.00012	-100.00	15.00	0.00012

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-100.00	13.00	0.00012	-100.00	11.00	0.00013
-100.00	9.00	0.00013	-100.00	-9.00	0.00014
-100.00	-11.00	0.00014	-100.00	-13.00	0.00014
-100.00	-15.00	0.00014	-100.00	-17.00	0.00014
-100.00	-20.00	0.00015	-100.00	-25.00	0.00015
-100.00	-30.00	0.00015	-100.00	-40.00	0.00016
-100.00	-50.00	0.00017	-100.00	-60.00	0.00018
-100.00	-70.00	0.00019	-100.00	-80.00	0.00020
-100.00	-90.00	0.00021	-100.00	-100.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00008	-90.00	90.00	0.00009
-90.00	80.00	0.00009	-90.00	70.00	0.00009
-90.00	60.00	0.00010	-90.00	50.00	0.00010
-90.00	40.00	0.00011	-90.00	30.00	0.00012
-90.00	25.00	0.00012	-90.00	20.00	0.00013
-90.00	17.00	0.00013	-90.00	15.00	0.00013
-90.00	13.00	0.00013	-90.00	11.00	0.00013
-90.00	9.00	0.00014	-90.00	-9.00	0.00015
-90.00	-11.00	0.00015	-90.00	-13.00	0.00015
-90.00	-15.00	0.00015	-90.00	-17.00	0.00015
-90.00	-20.00	0.00016	-90.00	-25.00	0.00016
-90.00	-30.00	0.00017	-90.00	-40.00	0.00018
-90.00	-50.00	0.00019	-90.00	-60.00	0.00020
-90.00	-70.00	0.00021	-90.00	-80.00	0.00022
-90.00	-90.00	0.00023	-90.00	-100.00	0.00024
-80.00	100.00	0.00009	-80.00	90.00	0.00009
-80.00	80.00	0.00009	-80.00	70.00	0.00010
-80.00	60.00	0.00010	-80.00	50.00	0.00011
-80.00	40.00	0.00012	-80.00	30.00	0.00013
-80.00	25.00	0.00013	-80.00	20.00	0.00014
-80.00	17.00	0.00014	-80.00	15.00	0.00014
-80.00	13.00	0.00014	-80.00	11.00	0.00014
-80.00	9.00	0.00014	-80.00	-9.00	0.00016
-80.00	-11.00	0.00016	-80.00	-13.00	0.00016
-80.00	-15.00	0.00016	-80.00	-17.00	0.00017

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-80.00	-20.00	0.00017	-80.00	-25.00	0.00017
-80.00	-30.00	0.00018	-80.00	-40.00	0.00019
-80.00	-50.00	0.00020	-80.00	-60.00	0.00021
-80.00	-70.00	0.00022	-80.00	-80.00	0.00023
-80.00	-90.00	0.00025	-80.00	-100.00	0.00026
-70.00	100.00	0.00009	-70.00	90.00	0.00010
-70.00	80.00	0.00010	-70.00	70.00	0.00010
-70.00	60.00	0.00011	-70.00	50.00	0.00012
-70.00	40.00	0.00013	-70.00	30.00	0.00014
-70.00	25.00	0.00014	-70.00	20.00	0.00015
-70.00	17.00	0.00015	-70.00	15.00	0.00015
-70.00	13.00	0.00015	-70.00	11.00	0.00015
-70.00	9.00	0.00016	-70.00	-9.00	0.00017
-70.00	-11.00	0.00017	-70.00	-13.00	0.00017
-70.00	-15.00	0.00018	-70.00	-17.00	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00018	-70.00	-25.00	0.00019
-70.00	-30.00	0.00019	-70.00	-40.00	0.00021
-70.00	-50.00	0.00022	-70.00	-60.00	0.00023
-70.00	-70.00	0.00024	-70.00	-80.00	0.00026
-70.00	-90.00	0.00027	-70.00	-100.00	0.00028
-60.00	100.00	0.00010	-60.00	90.00	0.00010
-60.00	80.00	0.00011	-60.00	70.00	0.00011
-60.00	60.00	0.00012	-60.00	50.00	0.00012
-60.00	40.00	0.00013	-60.00	30.00	0.00015
-60.00	25.00	0.00015	-60.00	20.00	0.00016
-60.00	17.00	0.00016	-60.00	15.00	0.00016
-60.00	13.00	0.00016	-60.00	11.00	0.00017
-60.00	9.00	0.00017	-60.00	-9.00	0.00018
-60.00	-11.00	0.00019	-60.00	-13.00	0.00019
-60.00	-15.00	0.00019	-60.00	-17.00	0.00019
-60.00	-20.00	0.00020	-60.00	-25.00	0.00020
-60.00	-30.00	0.00021	-60.00	-40.00	0.00022
-60.00	-50.00	0.00024	-60.00	-60.00	0.00025
-60.00	-70.00	0.00027	-60.00	-80.00	0.00028

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-60.00	-90.00	0.00029	-60.00	-100.00	0.00030
-50.00	100.00	0.00010	-50.00	90.00	0.00011
-50.00	80.00	0.00011	-50.00	70.00	0.00012
-50.00	60.00	0.00013	-50.00	50.00	0.00013
-50.00	40.00	0.00014	-50.00	30.00	0.00016
-50.00	25.00	0.00016	-50.00	20.00	0.00017
-50.00	17.00	0.00017	-50.00	15.00	0.00017
-50.00	13.00	0.00018	-50.00	11.00	0.00018
-50.00	9.00	0.00018	-50.00	-9.00	0.00020
-50.00	-11.00	0.00020	-50.00	-13.00	0.00020
-50.00	-15.00	0.00021	-50.00	-17.00	0.00021
-50.00	-20.00	0.00021	-50.00	-25.00	0.00022
-50.00	-30.00	0.00023	-50.00	-40.00	0.00025
-50.00	-50.00	0.00026	-50.00	-60.00	0.00028
-50.00	-70.00	0.00029	-50.00	-80.00	0.00031
-50.00	-90.00	0.00032	-50.00	-100.00	0.00033
-40.00	100.00	0.00011	-40.00	90.00	0.00012
-40.00	80.00	0.00012	-40.00	70.00	0.00013
-40.00	60.00	0.00013	-40.00	50.00	0.00014
-40.00	40.00	0.00015	-40.00	30.00	0.00017
-40.00	25.00	0.00017	-40.00	20.00	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 31
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00018	-40.00	15.00	0.00019
-40.00	13.00	0.00019	-40.00	11.00	0.00019
-40.00	9.00	0.00019	-40.00	-9.00	0.00022
-40.00	-11.00	0.00022	-40.00	-13.00	0.00022
-40.00	-15.00	0.00023	-40.00	-17.00	0.00023
-40.00	-20.00	0.00023	-40.00	-25.00	0.00024
-40.00	-30.00	0.00025	-40.00	-40.00	0.00027
-40.00	-50.00	0.00029	-40.00	-60.00	0.00031
-40.00	-70.00	0.00033	-40.00	-80.00	0.00034
-40.00	-90.00	0.00036	-40.00	-100.00	0.00036
-30.00	100.00	0.00012	-30.00	90.00	0.00012
-30.00	80.00	0.00013	-30.00	70.00	0.00014
-30.00	60.00	0.00014	-30.00	50.00	0.00015

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-30.00	40.00	0.00016	-30.00	30.00	0.00018
-30.00	25.00	0.00019	-30.00	20.00	0.00020
-30.00	17.00	0.00020	-30.00	15.00	0.00020
-30.00	13.00	0.00021	-30.00	11.00	0.00021
-30.00	9.00	0.00021	-30.00	-9.00	0.00024
-30.00	-11.00	0.00024	-30.00	-13.00	0.00024
-30.00	-15.00	0.00025	-30.00	-17.00	0.00025
-30.00	-20.00	0.00026	-30.00	-25.00	0.00027
-30.00	-30.00	0.00028	-30.00	-40.00	0.00030
-30.00	-50.00	0.00032	-30.00	-60.00	0.00034
-30.00	-70.00	0.00036	-30.00	-80.00	0.00038
-30.00	-90.00	0.00039	-30.00	-100.00	0.00040
-20.00	100.00	0.00013	-20.00	90.00	0.00013
-20.00	80.00	0.00014	-20.00	70.00	0.00015
-20.00	60.00	0.00015	-20.00	50.00	0.00016
-20.00	40.00	0.00018	-20.00	30.00	0.00019
-20.00	25.00	0.00020	-20.00	20.00	0.00021
-20.00	17.00	0.00022	-20.00	15.00	0.00022
-20.00	13.00	0.00022	-20.00	11.00	0.00023
-20.00	9.00	0.00023	-20.00	-9.00	0.00026
-20.00	-11.00	0.00026	-20.00	-13.00	0.00027
-20.00	-15.00	0.00027	-20.00	-17.00	0.00028
-20.00	-20.00	0.00028	-20.00	-25.00	0.00030
-20.00	-30.00	0.00031	-20.00	-40.00	0.00033
-20.00	-50.00	0.00036	-20.00	-60.00	0.00038
-20.00	-70.00	0.00040	-20.00	-80.00	0.00042
-20.00	-90.00	0.00043	-20.00	-100.00	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 32

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00014	-10.00	90.00	0.00014
-10.00	80.00	0.00015	-10.00	70.00	0.00016
-10.00	60.00	0.00017	-10.00	50.00	0.00018
-10.00	40.00	0.00019	-10.00	30.00	0.00021
-10.00	25.00	0.00022	-10.00	20.00	0.00023
-10.00	17.00	0.00024	-10.00	15.00	0.00024
-10.00	13.00	0.00025	-10.00	11.00	0.00025

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-10.00	9.00	0.00025	-10.00	-9.00	0.00029
-10.00	-11.00	0.00029	-10.00	-13.00	0.00030
-10.00	-15.00	0.00030	-10.00	-17.00	0.00031
-10.00	-20.00	0.00032	-10.00	-25.00	0.00033
-10.00	-30.00	0.00034	-10.00	-40.00	0.00037
-10.00	-50.00	0.00040	-10.00	-60.00	0.00043
-10.00	-70.00	0.00045	-10.00	-80.00	0.00047
-10.00	-90.00	0.00048	-10.00	-100.00	0.00048
0.00	100.00	0.00015	0.00	90.00	0.00016
0.00	80.00	0.00016	0.00	70.00	0.00017
0.00	60.00	0.00018	0.00	50.00	0.00019
0.00	40.00	0.00021	0.00	30.00	0.00023
0.00	25.00	0.00024	0.00	20.00	0.00025
0.00	17.00	0.00026	0.00	15.00	0.00026
0.00	13.00	0.00027	0.00	11.00	0.00027
0.00	9.00	0.00028	0.00	-9.00	0.00032
0.00	-11.00	0.00033	0.00	-13.00	0.00033
0.00	-15.00	0.00034	0.00	-17.00	0.00034
0.00	-20.00	0.00035	0.00	-25.00	0.00037
0.00	-30.00	0.00038	0.00	-40.00	0.00042
0.00	-50.00	0.00045	0.00	-60.00	0.00048
0.00	-70.00	0.00051	0.00	-80.00	0.00052
0.00	-90.00	0.00053	0.00	-100.00	0.00052
10.00	100.00	0.00016	10.00	90.00	0.00017
10.00	80.00	0.00018	10.00	70.00	0.00019
10.00	60.00	0.00020	10.00	50.00	0.00021
10.00	40.00	0.00023	10.00	30.00	0.00025
10.00	25.00	0.00026	10.00	20.00	0.00028
10.00	17.00	0.00029	10.00	15.00	0.00029
10.00	13.00	0.00030	10.00	11.00	0.00030
10.00	9.00	0.00031	10.00	-9.00	0.00036
10.00	-11.00	0.00036	10.00	-13.00	0.00037
10.00	-15.00	0.00038	10.00	-17.00	0.00038

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 33
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00040	10.00	-25.00	0.00041

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

10.00	-30.00	0.00043	10.00	-40.00	0.00047
10.00	-50.00	0.00051	10.00	-60.00	0.00055
10.00	-70.00	0.00058	10.00	-80.00	0.00059
10.00	-90.00	0.00058	10.00	-100.00	0.00056
20.00	100.00	0.00018	20.00	90.00	0.00018
20.00	80.00	0.00019	20.00	70.00	0.00020
20.00	60.00	0.00022	20.00	50.00	0.00023
20.00	40.00	0.00025	20.00	30.00	0.00027
20.00	25.00	0.00029	20.00	20.00	0.00030
20.00	17.00	0.00031	20.00	15.00	0.00032
20.00	13.00	0.00033	20.00	11.00	0.00034
20.00	9.00	0.00034	20.00	-9.00	0.00040
20.00	-11.00	0.00041	20.00	-13.00	0.00042
20.00	-15.00	0.00043	20.00	-17.00	0.00043
20.00	-20.00	0.00045	20.00	-25.00	0.00047
20.00	-30.00	0.00050	20.00	-40.00	0.00054
20.00	-50.00	0.00059	20.00	-60.00	0.00063
20.00	-70.00	0.00065	20.00	-80.00	0.00065
20.00	-90.00	0.00064	20.00	-100.00	0.00061
30.00	100.00	0.00019	30.00	90.00	0.00020
30.00	80.00	0.00021	30.00	70.00	0.00022
30.00	60.00	0.00024	30.00	50.00	0.00025
30.00	40.00	0.00027	30.00	30.00	0.00030
30.00	25.00	0.00032	30.00	20.00	0.00034
30.00	17.00	0.00035	30.00	15.00	0.00036
30.00	13.00	0.00037	30.00	11.00	0.00037
30.00	9.00	0.00038	30.00	-9.00	0.00045
30.00	-11.00	0.00046	30.00	-13.00	0.00047
30.00	-15.00	0.00049	30.00	-17.00	0.00050
30.00	-20.00	0.00051	30.00	-25.00	0.00054
30.00	-30.00	0.00057	30.00	-40.00	0.00063
30.00	-50.00	0.00068	30.00	-60.00	0.00072
30.00	-70.00	0.00074	30.00	-80.00	0.00073
30.00	-90.00	0.00070	30.00	-100.00	0.00066
40.00	100.00	0.00021	40.00	90.00	0.00022
40.00	80.00	0.00023	40.00	70.00	0.00025
40.00	60.00	0.00026	40.00	50.00	0.00028
40.00	40.00	0.00030	40.00	30.00	0.00033
40.00	25.00	0.00035	40.00	20.00	0.00037

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:36:35

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00039	40.00	15.00	0.00040
40.00	13.00	0.00041	40.00	11.00	0.00042
40.00	9.00	0.00043	40.00	-9.00	0.00052
40.00	-11.00	0.00053	40.00	-13.00	0.00054
40.00	-15.00	0.00056	40.00	-17.00	0.00057
40.00	-20.00	0.00059	40.00	-25.00	0.00063
40.00	-30.00	0.00066	40.00	-40.00	0.00073
40.00	-50.00	0.00080	40.00	-60.00	0.00083
40.00	-70.00	0.00083	40.00	-80.00	0.00080
40.00	-90.00	0.00076	40.00	-100.00	0.00072
50.00	100.00	0.00023	50.00	90.00	0.00024
50.00	80.00	0.00026	50.00	70.00	0.00027
50.00	60.00	0.00029	50.00	50.00	0.00031
50.00	40.00	0.00033	50.00	30.00	0.00037
50.00	25.00	0.00039	50.00	20.00	0.00042
50.00	17.00	0.00044	50.00	15.00	0.00045
50.00	13.00	0.00046	50.00	11.00	0.00047
50.00	9.00	0.00049	50.00	-9.00	0.00060
50.00	-11.00	0.00062	50.00	-13.00	0.00063
50.00	-15.00	0.00065	50.00	-17.00	0.00067
50.00	-20.00	0.00069	50.00	-25.00	0.00074
50.00	-30.00	0.00078	50.00	-40.00	0.00087
50.00	-50.00	0.00093	50.00	-60.00	0.00095
50.00	-70.00	0.00093	50.00	-80.00	0.00089
50.00	-90.00	0.00083	50.00	-100.00	0.00077
60.00	100.00	0.00025	60.00	90.00	0.00027
60.00	80.00	0.00028	60.00	70.00	0.00030
60.00	60.00	0.00033	60.00	50.00	0.00035
60.00	40.00	0.00038	60.00	30.00	0.00041
60.00	25.00	0.00044	60.00	20.00	0.00047
60.00	17.00	0.00049	60.00	15.00	0.00051
60.00	13.00	0.00052	60.00	11.00	0.00054
60.00	9.00	0.00055	60.00	-9.00	0.00070
60.00	-11.00	0.00072	60.00	-13.00	0.00074
60.00	-15.00	0.00076	60.00	-17.00	0.00079
60.00	-20.00	0.00082	60.00	-25.00	0.00088
60.00	-30.00	0.00094	60.00	-40.00	0.00104
60.00	-50.00	0.00109	60.00	-60.00	0.00109
60.00	-70.00	0.00104	60.00	-80.00	0.00098

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

60.00 -90.00 0.00091 60.00 -100.00 0.00083

1 *** ISCST3 - VERSION 02035 *** 04/20/08
 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00028	70.00	90.00	0.00030
70.00	80.00	0.00032	70.00	70.00	0.00034
70.00	60.00	0.00037	70.00	50.00	0.00039
70.00	40.00	0.00043	70.00	30.00	0.00047
70.00	25.00	0.00049	70.00	20.00	0.00053
70.00	17.00	0.00055	70.00	15.00	0.00057
70.00	13.00	0.00059	70.00	11.00	0.00061
70.00	9.00	0.00063	70.00	-9.00	0.00083
70.00	-11.00	0.00085	70.00	-13.00	0.00088
70.00	-15.00	0.00091	70.00	-17.00	0.00094
70.00	-20.00	0.00099	70.00	-25.00	0.00106
70.00	-30.00	0.00114	70.00	-40.00	0.00124
70.00	-50.00	0.00127	70.00	-60.00	0.00124
70.00	-70.00	0.00116	70.00	-80.00	0.00107
70.00	-90.00	0.00099	70.00	-100.00	0.00090
80.00	100.00	0.00033	80.00	90.00	0.00034
80.00	80.00	0.00036	80.00	70.00	0.00038
80.00	60.00	0.00041	80.00	50.00	0.00045
80.00	40.00	0.00049	80.00	30.00	0.00053
80.00	25.00	0.00056	80.00	20.00	0.00060
80.00	17.00	0.00063	80.00	15.00	0.00065
80.00	13.00	0.00068	80.00	11.00	0.00070
80.00	9.00	0.00073	80.00	-9.00	0.00099
80.00	-11.00	0.00103	80.00	-13.00	0.00107
80.00	-15.00	0.00111	80.00	-17.00	0.00115
80.00	-20.00	0.00121	80.00	-25.00	0.00131
80.00	-30.00	0.00140	80.00	-40.00	0.00149
80.00	-50.00	0.00148	80.00	-60.00	0.00140
80.00	-70.00	0.00129	80.00	-80.00	0.00118
80.00	-90.00	0.00107	80.00	-100.00	0.00097
90.00	100.00	0.00040	90.00	90.00	0.00041
90.00	80.00	0.00043	90.00	70.00	0.00045
90.00	60.00	0.00048	90.00	50.00	0.00051

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

90.00	40.00	0.00056	90.00	30.00	0.00061
90.00	25.00	0.00065	90.00	20.00	0.00069
90.00	17.00	0.00072	90.00	15.00	0.00075
90.00	13.00	0.00078	90.00	11.00	0.00081
90.00	9.00	0.00085	90.00	-9.00	0.00121
90.00	-11.00	0.00126	90.00	-13.00	0.00132
90.00	-15.00	0.00138	90.00	-17.00	0.00143

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00152	90.00	-25.00	0.00165
90.00	-30.00	0.00173	90.00	-40.00	0.00177
90.00	-50.00	0.00170	90.00	-60.00	0.00157
90.00	-70.00	0.00143	90.00	-80.00	0.00129
90.00	-90.00	0.00116	90.00	-100.00	0.00104
100.00	100.00	0.00051	100.00	90.00	0.00052
100.00	80.00	0.00053	100.00	70.00	0.00055
100.00	60.00	0.00057	100.00	50.00	0.00060
100.00	40.00	0.00065	100.00	30.00	0.00071
100.00	25.00	0.00075	100.00	20.00	0.00080
100.00	17.00	0.00084	100.00	15.00	0.00087
100.00	13.00	0.00090	100.00	11.00	0.00094
100.00	9.00	0.00098	100.00	-9.00	0.00151
100.00	-11.00	0.00159	100.00	-13.00	0.00167
100.00	-15.00	0.00176	100.00	-17.00	0.00184
100.00	-20.00	0.00194	100.00	-25.00	0.00207
100.00	-30.00	0.00212	100.00	-40.00	0.00208
100.00	-50.00	0.00195	100.00	-60.00	0.00177
100.00	-70.00	0.00158	100.00	-80.00	0.00141
100.00	-90.00	0.00125	100.00	-100.00	0.00112
110.00	100.00	0.00066	110.00	90.00	0.00069
110.00	80.00	0.00071	110.00	70.00	0.00073
110.00	60.00	0.00075	110.00	50.00	0.00077
110.00	40.00	0.00079	110.00	30.00	0.00084
110.00	25.00	0.00089	110.00	20.00	0.00094
110.00	17.00	0.00098	110.00	15.00	0.00101
110.00	13.00	0.00105	110.00	11.00	0.00109

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

110.00	9.00	0.00114	110.00	-9.00	0.00194
110.00	-11.00	0.00207	110.00	-13.00	0.00219
110.00	-15.00	0.00230	110.00	-17.00	0.00239
110.00	-20.00	0.00249	110.00	-25.00	0.00256
110.00	-30.00	0.00256	110.00	-40.00	0.00243
110.00	-50.00	0.00222	110.00	-60.00	0.00197
110.00	-70.00	0.00174	110.00	-80.00	0.00152
110.00	-90.00	0.00134	110.00	-100.00	0.00118
120.00	100.00	0.00087	120.00	90.00	0.00093
120.00	80.00	0.00099	120.00	70.00	0.00104
120.00	60.00	0.00109	120.00	50.00	0.00111
120.00	40.00	0.00112	120.00	30.00	0.00111
120.00	25.00	0.00111	120.00	20.00	0.00114

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00117	120.00	15.00	0.00121
120.00	13.00	0.00124	120.00	11.00	0.00129
120.00	9.00	0.00135	120.00	-9.00	0.00263
120.00	-11.00	0.00279	120.00	-13.00	0.00291
120.00	-15.00	0.00300	120.00	-17.00	0.00306
120.00	-20.00	0.00311	120.00	-25.00	0.00311
120.00	-30.00	0.00305	120.00	-40.00	0.00281
120.00	-50.00	0.00249	120.00	-60.00	0.00217
120.00	-70.00	0.00188	120.00	-80.00	0.00163
120.00	-90.00	0.00142	120.00	-100.00	0.00124
130.00	100.00	0.00112	130.00	90.00	0.00122
130.00	80.00	0.00133	130.00	70.00	0.00146
130.00	60.00	0.00160	130.00	50.00	0.00175
130.00	40.00	0.00187	130.00	30.00	0.00193
130.00	25.00	0.00192	130.00	20.00	0.00187
130.00	17.00	0.00181	130.00	15.00	0.00178
130.00	13.00	0.00175	130.00	11.00	0.00174
130.00	9.00	0.00176	130.00	-9.00	0.00369
130.00	-11.00	0.00377	130.00	-13.00	0.00382
130.00	-15.00	0.00384	130.00	-17.00	0.00384
130.00	-20.00	0.00382	130.00	-25.00	0.00371

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

130.00	-30.00	0.00356	130.00	-40.00	0.00316
130.00	-50.00	0.00273	130.00	-60.00	0.00233
130.00	-70.00	0.00199	130.00	-80.00	0.00171
130.00	-90.00	0.00147	130.00	-100.00	0.00128
140.00	100.00	0.00135	140.00	90.00	0.00151
140.00	80.00	0.00169	140.00	70.00	0.00190
140.00	60.00	0.00216	140.00	50.00	0.00247
140.00	40.00	0.00283	140.00	30.00	0.00323
140.00	25.00	0.00345	140.00	20.00	0.00366
140.00	17.00	0.00379	140.00	15.00	0.00388
140.00	13.00	0.00397	140.00	11.00	0.00408
140.00	9.00	0.00422	140.00	-9.00	0.00473
140.00	-11.00	0.00466	140.00	-13.00	0.00460
140.00	-15.00	0.00455	140.00	-17.00	0.00449
140.00	-20.00	0.00438	140.00	-25.00	0.00417
140.00	-30.00	0.00393	140.00	-40.00	0.00340
140.00	-50.00	0.00288	140.00	-60.00	0.00243
140.00	-70.00	0.00205	140.00	-80.00	0.00175
140.00	-90.00	0.00150	140.00	-100.00	0.00130

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00156	150.00	90.00	0.00176
150.00	80.00	0.00199	150.00	70.00	0.00227
150.00	60.00	0.00262	150.00	50.00	0.00304
150.00	40.00	0.00354	150.00	30.00	0.00412
150.00	25.00	0.00442	150.00	20.00	0.00470
150.00	17.00	0.00484	150.00	15.00	0.00492
150.00	13.00	0.00498	150.00	11.00	0.00504
150.00	9.00	0.00510	150.00	-9.00	0.00488
150.00	-11.00	0.00481	150.00	-13.00	0.00475
150.00	-15.00	0.00469	150.00	-17.00	0.00462
150.00	-20.00	0.00451	150.00	-25.00	0.00428
150.00	-30.00	0.00402	150.00	-40.00	0.00345
150.00	-50.00	0.00290	150.00	-60.00	0.00244
150.00	-70.00	0.00206	150.00	-80.00	0.00175
150.00	-90.00	0.00149	150.00	-100.00	0.00129

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

160.00	100.00	0.00173	160.00	90.00	0.00196
160.00	80.00	0.00223	160.00	70.00	0.00256
160.00	60.00	0.00296	160.00	50.00	0.00343
160.00	40.00	0.00399	160.00	30.00	0.00460
160.00	25.00	0.00490	160.00	20.00	0.00516
160.00	17.00	0.00527	160.00	15.00	0.00531
160.00	13.00	0.00534	160.00	11.00	0.00536
160.00	9.00	0.00538	160.00	-9.00	0.00488
160.00	-11.00	0.00480	160.00	-13.00	0.00473
160.00	-15.00	0.00466	160.00	-17.00	0.00459
160.00	-20.00	0.00446	160.00	-25.00	0.00421
160.00	-30.00	0.00393	160.00	-40.00	0.00334
160.00	-50.00	0.00280	160.00	-60.00	0.00236
160.00	-70.00	0.00199	160.00	-80.00	0.00169
160.00	-90.00	0.00144	160.00	-100.00	0.00124
170.00	100.00	0.00185	170.00	90.00	0.00211
170.00	80.00	0.00241	170.00	70.00	0.00276
170.00	60.00	0.00318	170.00	50.00	0.00368
170.00	40.00	0.00425	170.00	30.00	0.00486
170.00	25.00	0.00513	170.00	20.00	0.00535
170.00	17.00	0.00543	170.00	15.00	0.00546
170.00	13.00	0.00548	170.00	11.00	0.00547
170.00	9.00	0.00547	170.00	-9.00	0.00479
170.00	-11.00	0.00470	170.00	-13.00	0.00462
170.00	-15.00	0.00453	170.00	-17.00	0.00445

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00430	170.00	-25.00	0.00403
170.00	-30.00	0.00373	170.00	-40.00	0.00313
170.00	-50.00	0.00263	170.00	-60.00	0.00221
170.00	-70.00	0.00187	170.00	-80.00	0.00159
170.00	-90.00	0.00136	170.00	-100.00	0.00117
180.00	100.00	0.00192	180.00	90.00	0.00219
180.00	80.00	0.00251	180.00	70.00	0.00288
180.00	60.00	0.00331	180.00	50.00	0.00382
180.00	40.00	0.00439	180.00	30.00	0.00496

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

180.00	25.00	0.00522	180.00	20.00	0.00541
180.00	17.00	0.00548	180.00	15.00	0.00550
180.00	13.00	0.00550	180.00	11.00	0.00549
180.00	9.00	0.00547	180.00	-9.00	0.00462
180.00	-11.00	0.00450	180.00	-13.00	0.00440
180.00	-15.00	0.00430	180.00	-17.00	0.00419
180.00	-20.00	0.00402	180.00	-25.00	0.00372
180.00	-30.00	0.00342	180.00	-40.00	0.00287
180.00	-50.00	0.00240	180.00	-60.00	0.00202
180.00	-70.00	0.00171	180.00	-80.00	0.00145
180.00	-90.00	0.00124	180.00	-100.00	0.00107
190.00	100.00	0.00192	190.00	90.00	0.00220
190.00	80.00	0.00252	190.00	70.00	0.00291
190.00	60.00	0.00336	190.00	50.00	0.00387
190.00	40.00	0.00443	190.00	30.00	0.00498
190.00	25.00	0.00521	190.00	20.00	0.00539
190.00	17.00	0.00546	190.00	15.00	0.00547
190.00	13.00	0.00546	190.00	11.00	0.00544
190.00	9.00	0.00541	190.00	-9.00	0.00434
190.00	-11.00	0.00419	190.00	-13.00	0.00405
190.00	-15.00	0.00392	190.00	-17.00	0.00379
190.00	-20.00	0.00360	190.00	-25.00	0.00329
190.00	-30.00	0.00301	190.00	-40.00	0.00254
190.00	-50.00	0.00213	190.00	-60.00	0.00179
190.00	-70.00	0.00151	190.00	-80.00	0.00128
190.00	-90.00	0.00110	190.00	-100.00	0.00095
200.00	100.00	0.00184	200.00	90.00	0.00211
200.00	80.00	0.00244	200.00	70.00	0.00282
200.00	60.00	0.00328	200.00	50.00	0.00380
200.00	40.00	0.00437	200.00	30.00	0.00491
200.00	25.00	0.00514	200.00	20.00	0.00531

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00536	200.00	15.00	0.00537
200.00	13.00	0.00535	200.00	11.00	0.00532
200.00	9.00	0.00528	200.00	-9.00	0.00390

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

200.00	-11.00	0.00370	200.00	-13.00	0.00352
200.00	-15.00	0.00337	200.00	-17.00	0.00322
200.00	-20.00	0.00303	200.00	-25.00	0.00276
200.00	-30.00	0.00254	200.00	-40.00	0.00214
200.00	-50.00	0.00180	200.00	-60.00	0.00152
200.00	-70.00	0.00129	200.00	-80.00	0.00110
200.00	-90.00	0.00095	200.00	-100.00	0.00083
210.00	100.00	0.00170	210.00	90.00	0.00194
210.00	80.00	0.00223	210.00	70.00	0.00258
210.00	60.00	0.00301	210.00	50.00	0.00351
210.00	40.00	0.00408	210.00	30.00	0.00468
210.00	25.00	0.00495	210.00	20.00	0.00514
210.00	17.00	0.00519	210.00	15.00	0.00519
210.00	13.00	0.00517	210.00	11.00	0.00513
210.00	9.00	0.00508	210.00	-9.00	0.00319
210.00	-11.00	0.00295	210.00	-13.00	0.00277
210.00	-15.00	0.00262	210.00	-17.00	0.00250
210.00	-20.00	0.00236	210.00	-25.00	0.00216
210.00	-30.00	0.00198	210.00	-40.00	0.00169
210.00	-50.00	0.00144	210.00	-60.00	0.00123
210.00	-70.00	0.00106	210.00	-80.00	0.00092
210.00	-90.00	0.00080	210.00	-100.00	0.00070
220.00	100.00	0.00150	220.00	90.00	0.00170
220.00	80.00	0.00193	220.00	70.00	0.00220
220.00	60.00	0.00253	220.00	50.00	0.00291
220.00	40.00	0.00335	220.00	30.00	0.00387
220.00	25.00	0.00415	220.00	20.00	0.00441
220.00	17.00	0.00454	220.00	15.00	0.00461
220.00	13.00	0.00466	220.00	11.00	0.00468
220.00	9.00	0.00467	220.00	-9.00	0.00207
220.00	-11.00	0.00191	220.00	-13.00	0.00180
220.00	-15.00	0.00171	220.00	-17.00	0.00165
220.00	-20.00	0.00157	220.00	-25.00	0.00147
220.00	-30.00	0.00138	220.00	-40.00	0.00122
220.00	-50.00	0.00108	220.00	-60.00	0.00095
220.00	-70.00	0.00084	220.00	-80.00	0.00074
220.00	-90.00	0.00066	220.00	-100.00	0.00059

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

10NCRA_NAPA01-300 DPM TRAV ANN E-W Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
230.00	100.00	0.00129	230.00	90.00	0.00144	
230.00	80.00	0.00160	230.00	70.00	0.00179	
230.00	60.00	0.00198	230.00	50.00	0.00219	
230.00	40.00	0.00240	230.00	30.00	0.00256	
230.00	25.00	0.00261	230.00	20.00	0.00259	
230.00	17.00	0.00255	230.00	15.00	0.00249	
230.00	13.00	0.00241	230.00	11.00	0.00230	
230.00	9.00	0.00217	230.00	-9.00	0.00096	
230.00	-11.00	0.00094	230.00	-13.00	0.00093	
230.00	-15.00	0.00092	230.00	-17.00	0.00091	
230.00	-20.00	0.00090	230.00	-25.00	0.00089	
230.00	-30.00	0.00088	230.00	-40.00	0.00083	
230.00	-50.00	0.00077	230.00	-60.00	0.00071	
230.00	-70.00	0.00065	230.00	-80.00	0.00059	
230.00	-90.00	0.00053	230.00	-100.00	0.00048	
240.00	100.00	0.00110	240.00	90.00	0.00120	
240.00	80.00	0.00131	240.00	70.00	0.00142	
240.00	60.00	0.00152	240.00	50.00	0.00161	
240.00	40.00	0.00166	240.00	30.00	0.00165	
240.00	25.00	0.00160	240.00	20.00	0.00152	
240.00	17.00	0.00145	240.00	15.00	0.00140	
240.00	13.00	0.00134	240.00	11.00	0.00128	
240.00	9.00	0.00122	240.00	-9.00	0.00070	
240.00	-11.00	0.00068	240.00	-13.00	0.00066	
240.00	-15.00	0.00065	240.00	-17.00	0.00065	
240.00	-20.00	0.00064	240.00	-25.00	0.00063	
240.00	-30.00	0.00061	240.00	-40.00	0.00059	
240.00	-50.00	0.00056	240.00	-60.00	0.00053	
240.00	-70.00	0.00050	240.00	-80.00	0.00046	
240.00	-90.00	0.00043	240.00	-100.00	0.00039	
250.00	100.00	0.00093	250.00	90.00	0.00099	
250.00	80.00	0.00106	250.00	70.00	0.00111	
250.00	60.00	0.00116	250.00	50.00	0.00119	
250.00	40.00	0.00118	250.00	30.00	0.00112	
250.00	25.00	0.00107	250.00	20.00	0.00100	
250.00	17.00	0.00097	250.00	15.00	0.00094	
250.00	13.00	0.00092	250.00	11.00	0.00089	
250.00	9.00	0.00086	250.00	-9.00	0.00055	
250.00	-11.00	0.00053	250.00	-13.00	0.00052	
250.00	-15.00	0.00051	250.00	-17.00	0.00050	

04/20/08

*** Maximum train overlap at East/West Bound Direction

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00049	250.00	-25.00	0.00048
250.00	-30.00	0.00048	250.00	-40.00	0.00046
250.00	-50.00	0.00044	250.00	-60.00	0.00041
250.00	-70.00	0.00039	250.00	-80.00	0.00037
250.00	-90.00	0.00035	250.00	-100.00	0.00032

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00006	-250.00	90.00	0.00006
-250.00	80.00	0.00006	-250.00	70.00	0.00007
-250.00	60.00	0.00007	-250.00	50.00	0.00007
-250.00	40.00	0.00008	-250.00	30.00	0.00008
-250.00	25.00	0.00008	-250.00	20.00	0.00009
-250.00	17.00	0.00009	-250.00	15.00	0.00009
-250.00	13.00	0.00009	-250.00	11.00	0.00009
-250.00	9.00	0.00009	-250.00	-9.00	0.00010
-250.00	-11.00	0.00010	-250.00	-13.00	0.00010
-250.00	-15.00	0.00010	-250.00	-17.00	0.00010
-250.00	-20.00	0.00010	-250.00	-25.00	0.00010
-250.00	-30.00	0.00010	-250.00	-40.00	0.00011
-250.00	-50.00	0.00011	-250.00	-60.00	0.00012
-250.00	-70.00	0.00012	-250.00	-80.00	0.00013
-250.00	-90.00	0.00013	-250.00	-100.00	0.00014
-240.00	100.00	0.00006	-240.00	90.00	0.00006
-240.00	80.00	0.00007	-240.00	70.00	0.00007
-240.00	60.00	0.00007	-240.00	50.00	0.00008
-240.00	40.00	0.00008	-240.00	30.00	0.00009
-240.00	25.00	0.00009	-240.00	20.00	0.00009

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-240.00	17.00	0.00009	-240.00	15.00	0.00009
-240.00	13.00	0.00009	-240.00	11.00	0.00009
-240.00	9.00	0.00009	-240.00	-9.00	0.00010
-240.00	-11.00	0.00010	-240.00	-13.00	0.00010
-240.00	-15.00	0.00010	-240.00	-17.00	0.00010
-240.00	-20.00	0.00011	-240.00	-25.00	0.00011
-240.00	-30.00	0.00011	-240.00	-40.00	0.00012
-240.00	-50.00	0.00012	-240.00	-60.00	0.00013
-240.00	-70.00	0.00013	-240.00	-80.00	0.00014
-240.00	-90.00	0.00014	-240.00	-100.00	0.00015
-230.00	100.00	0.00006	-230.00	90.00	0.00007
-230.00	80.00	0.00007	-230.00	70.00	0.00007
-230.00	60.00	0.00008	-230.00	50.00	0.00008
-230.00	40.00	0.00009	-230.00	30.00	0.00009
-230.00	25.00	0.00009	-230.00	20.00	0.00010
-230.00	17.00	0.00010	-230.00	15.00	0.00010
-230.00	13.00	0.00010	-230.00	11.00	0.00010
-230.00	9.00	0.00010	-230.00	-9.00	0.00011
-230.00	-11.00	0.00011	-230.00	-13.00	0.00011
-230.00	-15.00	0.00011	-230.00	-17.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00011	-230.00	-25.00	0.00011
-230.00	-30.00	0.00012	-230.00	-40.00	0.00012
-230.00	-50.00	0.00013	-230.00	-60.00	0.00014
-230.00	-70.00	0.00014	-230.00	-80.00	0.00015
-230.00	-90.00	0.00015	-230.00	-100.00	0.00016
-220.00	100.00	0.00007	-220.00	90.00	0.00007
-220.00	80.00	0.00007	-220.00	70.00	0.00008
-220.00	60.00	0.00008	-220.00	50.00	0.00009
-220.00	40.00	0.00009	-220.00	30.00	0.00010
-220.00	25.00	0.00010	-220.00	20.00	0.00010
-220.00	17.00	0.00010	-220.00	15.00	0.00010
-220.00	13.00	0.00010	-220.00	11.00	0.00010
-220.00	9.00	0.00011	-220.00	-9.00	0.00011
-220.00	-11.00	0.00011	-220.00	-13.00	0.00012

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-220.00	-15.00	0.00012	-220.00	-17.00	0.00012
-220.00	-20.00	0.00012	-220.00	-25.00	0.00012
-220.00	-30.00	0.00013	-220.00	-40.00	0.00013
-220.00	-50.00	0.00014	-220.00	-60.00	0.00015
-220.00	-70.00	0.00015	-220.00	-80.00	0.00016
-220.00	-90.00	0.00017	-220.00	-100.00	0.00017
-210.00	100.00	0.00007	-210.00	90.00	0.00007
-210.00	80.00	0.00008	-210.00	70.00	0.00008
-210.00	60.00	0.00008	-210.00	50.00	0.00009
-210.00	40.00	0.00010	-210.00	30.00	0.00010
-210.00	25.00	0.00010	-210.00	20.00	0.00011
-210.00	17.00	0.00011	-210.00	15.00	0.00011
-210.00	13.00	0.00011	-210.00	11.00	0.00011
-210.00	9.00	0.00011	-210.00	-9.00	0.00012
-210.00	-11.00	0.00012	-210.00	-13.00	0.00012
-210.00	-15.00	0.00012	-210.00	-17.00	0.00013
-210.00	-20.00	0.00013	-210.00	-25.00	0.00013
-210.00	-30.00	0.00013	-210.00	-40.00	0.00014
-210.00	-50.00	0.00015	-210.00	-60.00	0.00016
-210.00	-70.00	0.00016	-210.00	-80.00	0.00017
-210.00	-90.00	0.00018	-210.00	-100.00	0.00019
-200.00	100.00	0.00007	-200.00	90.00	0.00008
-200.00	80.00	0.00008	-200.00	70.00	0.00008
-200.00	60.00	0.00009	-200.00	50.00	0.00009
-200.00	40.00	0.00010	-200.00	30.00	0.00011
-200.00	25.00	0.00011	-200.00	20.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00011	-200.00	15.00	0.00012
-200.00	13.00	0.00012	-200.00	11.00	0.00012
-200.00	9.00	0.00012	-200.00	-9.00	0.00013
-200.00	-11.00	0.00013	-200.00	-13.00	0.00013
-200.00	-15.00	0.00013	-200.00	-17.00	0.00013
-200.00	-20.00	0.00014	-200.00	-25.00	0.00014
-200.00	-30.00	0.00014	-200.00	-40.00	0.00015
-200.00	-50.00	0.00016	-200.00	-60.00	0.00017

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-200.00	-70.00	0.00018	-200.00	-80.00	0.00018
-200.00	-90.00	0.00019	-200.00	-100.00	0.00020
-190.00	100.00	0.00008	-190.00	90.00	0.00008
-190.00	80.00	0.00008	-190.00	70.00	0.00009
-190.00	60.00	0.00009	-190.00	50.00	0.00010
-190.00	40.00	0.00011	-190.00	30.00	0.00011
-190.00	25.00	0.00012	-190.00	20.00	0.00012
-190.00	17.00	0.00012	-190.00	15.00	0.00012
-190.00	13.00	0.00012	-190.00	11.00	0.00013
-190.00	9.00	0.00013	-190.00	-9.00	0.00014
-190.00	-11.00	0.00014	-190.00	-13.00	0.00014
-190.00	-15.00	0.00014	-190.00	-17.00	0.00014
-190.00	-20.00	0.00015	-190.00	-25.00	0.00015
-190.00	-30.00	0.00015	-190.00	-40.00	0.00016
-190.00	-50.00	0.00017	-190.00	-60.00	0.00018
-190.00	-70.00	0.00019	-190.00	-80.00	0.00020
-190.00	-90.00	0.00021	-190.00	-100.00	0.00022
-180.00	100.00	0.00008	-180.00	90.00	0.00009
-180.00	80.00	0.00009	-180.00	70.00	0.00009
-180.00	60.00	0.00010	-180.00	50.00	0.00010
-180.00	40.00	0.00011	-180.00	30.00	0.00012
-180.00	25.00	0.00012	-180.00	20.00	0.00013
-180.00	17.00	0.00013	-180.00	15.00	0.00013
-180.00	13.00	0.00013	-180.00	11.00	0.00013
-180.00	9.00	0.00014	-180.00	-9.00	0.00015
-180.00	-11.00	0.00015	-180.00	-13.00	0.00015
-180.00	-15.00	0.00015	-180.00	-17.00	0.00015
-180.00	-20.00	0.00016	-180.00	-25.00	0.00016
-180.00	-30.00	0.00017	-180.00	-40.00	0.00018
-180.00	-50.00	0.00019	-180.00	-60.00	0.00020
-180.00	-70.00	0.00021	-180.00	-80.00	0.00022
-180.00	-90.00	0.00023	-180.00	-100.00	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTS:
 PAGE 46
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00009	-170.00	90.00	0.00009
-170.00	80.00	0.00009	-170.00	70.00	0.00010

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-170.00	60.00	0.00010	-170.00	50.00	0.00011
-170.00	40.00	0.00012	-170.00	30.00	0.00013
-170.00	25.00	0.00013	-170.00	20.00	0.00014
-170.00	17.00	0.00014	-170.00	15.00	0.00014
-170.00	13.00	0.00014	-170.00	11.00	0.00014
-170.00	9.00	0.00014	-170.00	-9.00	0.00016
-170.00	-11.00	0.00016	-170.00	-13.00	0.00016
-170.00	-15.00	0.00016	-170.00	-17.00	0.00017
-170.00	-20.00	0.00017	-170.00	-25.00	0.00017
-170.00	-30.00	0.00018	-170.00	-40.00	0.00019
-170.00	-50.00	0.00020	-170.00	-60.00	0.00021
-170.00	-70.00	0.00022	-170.00	-80.00	0.00023
-170.00	-90.00	0.00025	-170.00	-100.00	0.00026
-160.00	100.00	0.00009	-160.00	90.00	0.00010
-160.00	80.00	0.00010	-160.00	70.00	0.00010
-160.00	60.00	0.00011	-160.00	50.00	0.00012
-160.00	40.00	0.00013	-160.00	30.00	0.00014
-160.00	25.00	0.00014	-160.00	20.00	0.00015
-160.00	17.00	0.00015	-160.00	15.00	0.00015
-160.00	13.00	0.00015	-160.00	11.00	0.00015
-160.00	9.00	0.00016	-160.00	-9.00	0.00017
-160.00	-11.00	0.00017	-160.00	-13.00	0.00017
-160.00	-15.00	0.00018	-160.00	-17.00	0.00018
-160.00	-20.00	0.00018	-160.00	-25.00	0.00019
-160.00	-30.00	0.00019	-160.00	-40.00	0.00021
-160.00	-50.00	0.00022	-160.00	-60.00	0.00023
-160.00	-70.00	0.00024	-160.00	-80.00	0.00026
-160.00	-90.00	0.00027	-160.00	-100.00	0.00028
-150.00	100.00	0.00010	-150.00	90.00	0.00010
-150.00	80.00	0.00011	-150.00	70.00	0.00011
-150.00	60.00	0.00012	-150.00	50.00	0.00012
-150.00	40.00	0.00013	-150.00	30.00	0.00015
-150.00	25.00	0.00015	-150.00	20.00	0.00016
-150.00	17.00	0.00016	-150.00	15.00	0.00016
-150.00	13.00	0.00016	-150.00	11.00	0.00017
-150.00	9.00	0.00017	-150.00	-9.00	0.00018
-150.00	-11.00	0.00019	-150.00	-13.00	0.00019
-150.00	-15.00	0.00019	-150.00	-17.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

10NCRA NAPA01-300_DPM_TRAV ANN E-W Bound
 INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-150.00	-20.00	0.00020	-150.00	-25.00	0.00020	
-150.00	-30.00	0.00021	-150.00	-40.00	0.00022	
-150.00	-50.00	0.00024	-150.00	-60.00	0.00025	
-150.00	-70.00	0.00027	-150.00	-80.00	0.00028	
-150.00	-90.00	0.00029	-150.00	-100.00	0.00030	
-140.00	100.00	0.00010	-140.00	90.00	0.00011	
-140.00	80.00	0.00011	-140.00	70.00	0.00012	
-140.00	60.00	0.00013	-140.00	50.00	0.00013	
-140.00	40.00	0.00014	-140.00	30.00	0.00016	
-140.00	25.00	0.00016	-140.00	20.00	0.00017	
-140.00	17.00	0.00017	-140.00	15.00	0.00017	
-140.00	13.00	0.00018	-140.00	11.00	0.00018	
-140.00	9.00	0.00018	-140.00	-9.00	0.00020	
-140.00	-11.00	0.00020	-140.00	-13.00	0.00020	
-140.00	-15.00	0.00021	-140.00	-17.00	0.00021	
-140.00	-20.00	0.00021	-140.00	-25.00	0.00022	
-140.00	-30.00	0.00023	-140.00	-40.00	0.00025	
-140.00	-50.00	0.00026	-140.00	-60.00	0.00028	
-140.00	-70.00	0.00029	-140.00	-80.00	0.00031	
-140.00	-90.00	0.00032	-140.00	-100.00	0.00033	
-130.00	100.00	0.00011	-130.00	90.00	0.00012	
-130.00	80.00	0.00012	-130.00	70.00	0.00013	
-130.00	60.00	0.00013	-130.00	50.00	0.00014	
-130.00	40.00	0.00015	-130.00	30.00	0.00017	
-130.00	25.00	0.00017	-130.00	20.00	0.00018	
-130.00	17.00	0.00018	-130.00	15.00	0.00019	
-130.00	13.00	0.00019	-130.00	11.00	0.00019	
-130.00	9.00	0.00019	-130.00	-9.00	0.00022	
-130.00	-11.00	0.00022	-130.00	-13.00	0.00022	
-130.00	-15.00	0.00023	-130.00	-17.00	0.00023	
-130.00	-20.00	0.00023	-130.00	-25.00	0.00024	
-130.00	-30.00	0.00025	-130.00	-40.00	0.00027	
-130.00	-50.00	0.00029	-130.00	-60.00	0.00031	
-130.00	-70.00	0.00033	-130.00	-80.00	0.00034	
-130.00	-90.00	0.00036	-130.00	-100.00	0.00036	
-120.00	100.00	0.00012	-120.00	90.00	0.00012	
-120.00	80.00	0.00013	-120.00	70.00	0.00014	
-120.00	60.00	0.00014	-120.00	50.00	0.00015	
-120.00	40.00	0.00016	-120.00	30.00	0.00018	
-120.00	25.00	0.00019	-120.00	20.00	0.00020	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

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**MODELOPTS:

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*** Maximum train overlap at East/West Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00020	-120.00	15.00	0.00020
-120.00	13.00	0.00021	-120.00	11.00	0.00021
-120.00	9.00	0.00021	-120.00	-9.00	0.00024
-120.00	-11.00	0.00024	-120.00	-13.00	0.00024
-120.00	-15.00	0.00025	-120.00	-17.00	0.00025
-120.00	-20.00	0.00026	-120.00	-25.00	0.00027
-120.00	-30.00	0.00028	-120.00	-40.00	0.00030
-120.00	-50.00	0.00032	-120.00	-60.00	0.00034
-120.00	-70.00	0.00036	-120.00	-80.00	0.00038
-120.00	-90.00	0.00039	-120.00	-100.00	0.00040
-110.00	100.00	0.00013	-110.00	90.00	0.00013
-110.00	80.00	0.00014	-110.00	70.00	0.00015
-110.00	60.00	0.00015	-110.00	50.00	0.00016
-110.00	40.00	0.00018	-110.00	30.00	0.00019
-110.00	25.00	0.00020	-110.00	20.00	0.00021
-110.00	17.00	0.00022	-110.00	15.00	0.00022
-110.00	13.00	0.00022	-110.00	11.00	0.00023
-110.00	9.00	0.00023	-110.00	-9.00	0.00026
-110.00	-11.00	0.00026	-110.00	-13.00	0.00027
-110.00	-15.00	0.00027	-110.00	-17.00	0.00028
-110.00	-20.00	0.00028	-110.00	-25.00	0.00030
-110.00	-30.00	0.00031	-110.00	-40.00	0.00033
-110.00	-50.00	0.00036	-110.00	-60.00	0.00038
-110.00	-70.00	0.00040	-110.00	-80.00	0.00042
-110.00	-90.00	0.00043	-110.00	-100.00	0.00044
-100.00	100.00	0.00014	-100.00	90.00	0.00014
-100.00	80.00	0.00015	-100.00	70.00	0.00016
-100.00	60.00	0.00017	-100.00	50.00	0.00018
-100.00	40.00	0.00019	-100.00	30.00	0.00021
-100.00	25.00	0.00022	-100.00	20.00	0.00023
-100.00	17.00	0.00024	-100.00	15.00	0.00024
-100.00	13.00	0.00025	-100.00	11.00	0.00025
-100.00	9.00	0.00025	-100.00	-9.00	0.00029
-100.00	-11.00	0.00029	-100.00	-13.00	0.00030

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-100.00	-15.00	0.00030	-100.00	-17.00	0.00031
-100.00	-20.00	0.00032	-100.00	-25.00	0.00033
-100.00	-30.00	0.00034	-100.00	-40.00	0.00037
-100.00	-50.00	0.00040	-100.00	-60.00	0.00043
-100.00	-70.00	0.00045	-100.00	-80.00	0.00047
-100.00	-90.00	0.00048	-100.00	-100.00	0.00048

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00015	-90.00	90.00	0.00016
-90.00	80.00	0.00016	-90.00	70.00	0.00017
-90.00	60.00	0.00018	-90.00	50.00	0.00019
-90.00	40.00	0.00021	-90.00	30.00	0.00023
-90.00	25.00	0.00024	-90.00	20.00	0.00025
-90.00	17.00	0.00026	-90.00	15.00	0.00026
-90.00	13.00	0.00027	-90.00	11.00	0.00027
-90.00	9.00	0.00028	-90.00	-9.00	0.00032
-90.00	-11.00	0.00033	-90.00	-13.00	0.00033
-90.00	-15.00	0.00034	-90.00	-17.00	0.00034
-90.00	-20.00	0.00035	-90.00	-25.00	0.00037
-90.00	-30.00	0.00038	-90.00	-40.00	0.00042
-90.00	-50.00	0.00045	-90.00	-60.00	0.00048
-90.00	-70.00	0.00051	-90.00	-80.00	0.00052
-90.00	-90.00	0.00053	-90.00	-100.00	0.00052
-80.00	100.00	0.00016	-80.00	90.00	0.00017
-80.00	80.00	0.00018	-80.00	70.00	0.00019
-80.00	60.00	0.00020	-80.00	50.00	0.00021
-80.00	40.00	0.00023	-80.00	30.00	0.00025
-80.00	25.00	0.00026	-80.00	20.00	0.00028
-80.00	17.00	0.00029	-80.00	15.00	0.00029
-80.00	13.00	0.00030	-80.00	11.00	0.00030
-80.00	9.00	0.00031	-80.00	-9.00	0.00036
-80.00	-11.00	0.00036	-80.00	-13.00	0.00037
-80.00	-15.00	0.00038	-80.00	-17.00	0.00038
-80.00	-20.00	0.00040	-80.00	-25.00	0.00041
-80.00	-30.00	0.00043	-80.00	-40.00	0.00047
-80.00	-50.00	0.00051	-80.00	-60.00	0.00055

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-80.00	-70.00	0.00058	-80.00	-80.00	0.00059
-80.00	-90.00	0.00058	-80.00	-100.00	0.00056
-70.00	100.00	0.00018	-70.00	90.00	0.00018
-70.00	80.00	0.00019	-70.00	70.00	0.00020
-70.00	60.00	0.00022	-70.00	50.00	0.00023
-70.00	40.00	0.00025	-70.00	30.00	0.00027
-70.00	25.00	0.00029	-70.00	20.00	0.00030
-70.00	17.00	0.00031	-70.00	15.00	0.00032
-70.00	13.00	0.00033	-70.00	11.00	0.00034
-70.00	9.00	0.00034	-70.00	-9.00	0.00040
-70.00	-11.00	0.00041	-70.00	-13.00	0.00042
-70.00	-15.00	0.00043	-70.00	-17.00	0.00043

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00045	-70.00	-25.00	0.00047
-70.00	-30.00	0.00050	-70.00	-40.00	0.00054
-70.00	-50.00	0.00059	-70.00	-60.00	0.00063
-70.00	-70.00	0.00065	-70.00	-80.00	0.00065
-70.00	-90.00	0.00064	-70.00	-100.00	0.00061
-60.00	100.00	0.00019	-60.00	90.00	0.00020
-60.00	80.00	0.00021	-60.00	70.00	0.00022
-60.00	60.00	0.00024	-60.00	50.00	0.00025
-60.00	40.00	0.00027	-60.00	30.00	0.00030
-60.00	25.00	0.00032	-60.00	20.00	0.00034
-60.00	17.00	0.00035	-60.00	15.00	0.00036
-60.00	13.00	0.00037	-60.00	11.00	0.00037
-60.00	9.00	0.00038	-60.00	-9.00	0.00045
-60.00	-11.00	0.00046	-60.00	-13.00	0.00047
-60.00	-15.00	0.00049	-60.00	-17.00	0.00050
-60.00	-20.00	0.00051	-60.00	-25.00	0.00054
-60.00	-30.00	0.00057	-60.00	-40.00	0.00063
-60.00	-50.00	0.00068	-60.00	-60.00	0.00072
-60.00	-70.00	0.00074	-60.00	-80.00	0.00073
-60.00	-90.00	0.00070	-60.00	-100.00	0.00066
-50.00	100.00	0.00021	-50.00	90.00	0.00022
-50.00	80.00	0.00023	-50.00	70.00	0.00025

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-50.00	60.00	0.00026	-50.00	50.00	0.00028
-50.00	40.00	0.00030	-50.00	30.00	0.00033
-50.00	25.00	0.00035	-50.00	20.00	0.00037
-50.00	17.00	0.00039	-50.00	15.00	0.00040
-50.00	13.00	0.00041	-50.00	11.00	0.00042
-50.00	9.00	0.00043	-50.00	-9.00	0.00052
-50.00	-11.00	0.00053	-50.00	-13.00	0.00054
-50.00	-15.00	0.00056	-50.00	-17.00	0.00057
-50.00	-20.00	0.00059	-50.00	-25.00	0.00063
-50.00	-30.00	0.00066	-50.00	-40.00	0.00073
-50.00	-50.00	0.00080	-50.00	-60.00	0.00083
-50.00	-70.00	0.00083	-50.00	-80.00	0.00080
-50.00	-90.00	0.00076	-50.00	-100.00	0.00072
-40.00	100.00	0.00023	-40.00	90.00	0.00024
-40.00	80.00	0.00026	-40.00	70.00	0.00027
-40.00	60.00	0.00029	-40.00	50.00	0.00031
-40.00	40.00	0.00033	-40.00	30.00	0.00037
-40.00	25.00	0.00039	-40.00	20.00	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 51

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00044	-40.00	15.00	0.00045
-40.00	13.00	0.00046	-40.00	11.00	0.00047
-40.00	9.00	0.00049	-40.00	-9.00	0.00060
-40.00	-11.00	0.00062	-40.00	-13.00	0.00063
-40.00	-15.00	0.00065	-40.00	-17.00	0.00067
-40.00	-20.00	0.00069	-40.00	-25.00	0.00074
-40.00	-30.00	0.00078	-40.00	-40.00	0.00087
-40.00	-50.00	0.00093	-40.00	-60.00	0.00095
-40.00	-70.00	0.00093	-40.00	-80.00	0.00089
-40.00	-90.00	0.00083	-40.00	-100.00	0.00077
-30.00	100.00	0.00025	-30.00	90.00	0.00027
-30.00	80.00	0.00028	-30.00	70.00	0.00030
-30.00	60.00	0.00033	-30.00	50.00	0.00035
-30.00	40.00	0.00038	-30.00	30.00	0.00041
-30.00	25.00	0.00044	-30.00	20.00	0.00047
-30.00	17.00	0.00049	-30.00	15.00	0.00051

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-30.00	13.00	0.00052	-30.00	11.00	0.00054
-30.00	9.00	0.00055	-30.00	-9.00	0.00070
-30.00	-11.00	0.00072	-30.00	-13.00	0.00074
-30.00	-15.00	0.00076	-30.00	-17.00	0.00079
-30.00	-20.00	0.00082	-30.00	-25.00	0.00088
-30.00	-30.00	0.00094	-30.00	-40.00	0.00104
-30.00	-50.00	0.00109	-30.00	-60.00	0.00109
-30.00	-70.00	0.00104	-30.00	-80.00	0.00098
-30.00	-90.00	0.00091	-30.00	-100.00	0.00083
-20.00	100.00	0.00028	-20.00	90.00	0.00030
-20.00	80.00	0.00032	-20.00	70.00	0.00034
-20.00	60.00	0.00037	-20.00	50.00	0.00039
-20.00	40.00	0.00043	-20.00	30.00	0.00047
-20.00	25.00	0.00049	-20.00	20.00	0.00053
-20.00	17.00	0.00055	-20.00	15.00	0.00057
-20.00	13.00	0.00059	-20.00	11.00	0.00061
-20.00	9.00	0.00063	-20.00	-9.00	0.00083
-20.00	-11.00	0.00085	-20.00	-13.00	0.00088
-20.00	-15.00	0.00091	-20.00	-17.00	0.00094
-20.00	-20.00	0.00099	-20.00	-25.00	0.00106
-20.00	-30.00	0.00114	-20.00	-40.00	0.00124
-20.00	-50.00	0.00127	-20.00	-60.00	0.00124
-20.00	-70.00	0.00116	-20.00	-80.00	0.00107
-20.00	-90.00	0.00099	-20.00	-100.00	0.00090

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 52
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00033	-10.00	90.00	0.00034
-10.00	80.00	0.00036	-10.00	70.00	0.00038
-10.00	60.00	0.00041	-10.00	50.00	0.00045
-10.00	40.00	0.00049	-10.00	30.00	0.00053
-10.00	25.00	0.00056	-10.00	20.00	0.00060
-10.00	17.00	0.00063	-10.00	15.00	0.00065
-10.00	13.00	0.00068	-10.00	11.00	0.00070
-10.00	9.00	0.00073	-10.00	-9.00	0.00099
-10.00	-11.00	0.00103	-10.00	-13.00	0.00107
-10.00	-15.00	0.00111	-10.00	-17.00	0.00115

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-10.00	-20.00	0.00121	-10.00	-25.00	0.00131
-10.00	-30.00	0.00140	-10.00	-40.00	0.00149
-10.00	-50.00	0.00148	-10.00	-60.00	0.00140
-10.00	-70.00	0.00129	-10.00	-80.00	0.00118
-10.00	-90.00	0.00107	-10.00	-100.00	0.00097
0.00	100.00	0.00040	0.00	90.00	0.00041
0.00	80.00	0.00043	0.00	70.00	0.00045
0.00	60.00	0.00048	0.00	50.00	0.00051
0.00	40.00	0.00056	0.00	30.00	0.00061
0.00	25.00	0.00065	0.00	20.00	0.00069
0.00	17.00	0.00072	0.00	15.00	0.00075
0.00	13.00	0.00078	0.00	11.00	0.00081
0.00	9.00	0.00085	0.00	-9.00	0.00121
0.00	-11.00	0.00126	0.00	-13.00	0.00132
0.00	-15.00	0.00138	0.00	-17.00	0.00143
0.00	-20.00	0.00152	0.00	-25.00	0.00165
0.00	-30.00	0.00173	0.00	-40.00	0.00177
0.00	-50.00	0.00170	0.00	-60.00	0.00157
0.00	-70.00	0.00143	0.00	-80.00	0.00129
0.00	-90.00	0.00116	0.00	-100.00	0.00104
10.00	100.00	0.00051	10.00	90.00	0.00052
10.00	80.00	0.00053	10.00	70.00	0.00055
10.00	60.00	0.00057	10.00	50.00	0.00060
10.00	40.00	0.00065	10.00	30.00	0.00071
10.00	25.00	0.00075	10.00	20.00	0.00080
10.00	17.00	0.00084	10.00	15.00	0.00087
10.00	13.00	0.00090	10.00	11.00	0.00094
10.00	9.00	0.00098	10.00	-9.00	0.00151
10.00	-11.00	0.00159	10.00	-13.00	0.00167
10.00	-15.00	0.00176	10.00	-17.00	0.00184

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 53
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00194	10.00	-25.00	0.00207
10.00	-30.00	0.00212	10.00	-40.00	0.00208
10.00	-50.00	0.00195	10.00	-60.00	0.00177
10.00	-70.00	0.00158	10.00	-80.00	0.00141

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

10.00	-90.00	0.00125	10.00	-100.00	0.00112
20.00	100.00	0.00066	20.00	90.00	0.00069
20.00	80.00	0.00071	20.00	70.00	0.00073
20.00	60.00	0.00075	20.00	50.00	0.00077
20.00	40.00	0.00079	20.00	30.00	0.00084
20.00	25.00	0.00089	20.00	20.00	0.00094
20.00	17.00	0.00098	20.00	15.00	0.00101
20.00	13.00	0.00105	20.00	11.00	0.00109
20.00	9.00	0.00114	20.00	-9.00	0.00194
20.00	-11.00	0.00207	20.00	-13.00	0.00219
20.00	-15.00	0.00230	20.00	-17.00	0.00239
20.00	-20.00	0.00249	20.00	-25.00	0.00256
20.00	-30.00	0.00256	20.00	-40.00	0.00243
20.00	-50.00	0.00222	20.00	-60.00	0.00197
20.00	-70.00	0.00174	20.00	-80.00	0.00152
20.00	-90.00	0.00134	20.00	-100.00	0.00118
30.00	100.00	0.00087	30.00	90.00	0.00093
30.00	80.00	0.00099	30.00	70.00	0.00104
30.00	60.00	0.00109	30.00	50.00	0.00111
30.00	40.00	0.00112	30.00	30.00	0.00111
30.00	25.00	0.00111	30.00	20.00	0.00114
30.00	17.00	0.00117	30.00	15.00	0.00121
30.00	13.00	0.00124	30.00	11.00	0.00129
30.00	9.00	0.00135	30.00	-9.00	0.00263
30.00	-11.00	0.00279	30.00	-13.00	0.00291
30.00	-15.00	0.00300	30.00	-17.00	0.00306
30.00	-20.00	0.00311	30.00	-25.00	0.00311
30.00	-30.00	0.00305	30.00	-40.00	0.00281
30.00	-50.00	0.00249	30.00	-60.00	0.00217
30.00	-70.00	0.00188	30.00	-80.00	0.00163
30.00	-90.00	0.00142	30.00	-100.00	0.00124
40.00	100.00	0.00112	40.00	90.00	0.00122
40.00	80.00	0.00133	40.00	70.00	0.00146
40.00	60.00	0.00160	40.00	50.00	0.00175
40.00	40.00	0.00187	40.00	30.00	0.00193
40.00	25.00	0.00192	40.00	20.00	0.00187

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

10NCRA_NAPA01-300_DPM_TRAV ANN E-W Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00181	40.00	15.00	0.00178
40.00	13.00	0.00175	40.00	11.00	0.00174
40.00	9.00	0.00176	40.00	-9.00	0.00369
40.00	-11.00	0.00377	40.00	-13.00	0.00382
40.00	-15.00	0.00384	40.00	-17.00	0.00384
40.00	-20.00	0.00382	40.00	-25.00	0.00371
40.00	-30.00	0.00356	40.00	-40.00	0.00316
40.00	-50.00	0.00273	40.00	-60.00	0.00233
40.00	-70.00	0.00199	40.00	-80.00	0.00171
40.00	-90.00	0.00147	40.00	-100.00	0.00128
50.00	100.00	0.00135	50.00	90.00	0.00151
50.00	80.00	0.00169	50.00	70.00	0.00190
50.00	60.00	0.00216	50.00	50.00	0.00247
50.00	40.00	0.00283	50.00	30.00	0.00323
50.00	25.00	0.00345	50.00	20.00	0.00366
50.00	17.00	0.00379	50.00	15.00	0.00388
50.00	13.00	0.00397	50.00	11.00	0.00408
50.00	9.00	0.00422	50.00	-9.00	0.00473
50.00	-11.00	0.00466	50.00	-13.00	0.00460
50.00	-15.00	0.00455	50.00	-17.00	0.00449
50.00	-20.00	0.00438	50.00	-25.00	0.00417
50.00	-30.00	0.00393	50.00	-40.00	0.00340
50.00	-50.00	0.00288	50.00	-60.00	0.00243
50.00	-70.00	0.00205	50.00	-80.00	0.00175
50.00	-90.00	0.00150	50.00	-100.00	0.00130
60.00	100.00	0.00156	60.00	90.00	0.00176
60.00	80.00	0.00199	60.00	70.00	0.00227
60.00	60.00	0.00262	60.00	50.00	0.00304
60.00	40.00	0.00354	60.00	30.00	0.00412
60.00	25.00	0.00442	60.00	20.00	0.00470
60.00	17.00	0.00484	60.00	15.00	0.00492
60.00	13.00	0.00498	60.00	11.00	0.00504
60.00	9.00	0.00510	60.00	-9.00	0.00488
60.00	-11.00	0.00481	60.00	-13.00	0.00475
60.00	-15.00	0.00469	60.00	-17.00	0.00462
60.00	-20.00	0.00451	60.00	-25.00	0.00428
60.00	-30.00	0.00402	60.00	-40.00	0.00345
60.00	-50.00	0.00290	60.00	-60.00	0.00244
60.00	-70.00	0.00206	60.00	-80.00	0.00175
60.00	-90.00	0.00149	60.00	-100.00	0.00129

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:36:35
 **MODELOPTS:
 PAGE 55
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00173	70.00	90.00	0.00196
70.00	80.00	0.00223	70.00	70.00	0.00256
70.00	60.00	0.00296	70.00	50.00	0.00343
70.00	40.00	0.00399	70.00	30.00	0.00460
70.00	25.00	0.00490	70.00	20.00	0.00516
70.00	17.00	0.00527	70.00	15.00	0.00531
70.00	13.00	0.00534	70.00	11.00	0.00536
70.00	9.00	0.00538	70.00	-9.00	0.00488
70.00	-11.00	0.00480	70.00	-13.00	0.00473
70.00	-15.00	0.00466	70.00	-17.00	0.00459
70.00	-20.00	0.00446	70.00	-25.00	0.00421
70.00	-30.00	0.00393	70.00	-40.00	0.00334
70.00	-50.00	0.00280	70.00	-60.00	0.00236
70.00	-70.00	0.00199	70.00	-80.00	0.00169
70.00	-90.00	0.00144	70.00	-100.00	0.00124
80.00	100.00	0.00185	80.00	90.00	0.00211
80.00	80.00	0.00241	80.00	70.00	0.00276
80.00	60.00	0.00318	80.00	50.00	0.00368
80.00	40.00	0.00425	80.00	30.00	0.00486
80.00	25.00	0.00513	80.00	20.00	0.00535
80.00	17.00	0.00543	80.00	15.00	0.00546
80.00	13.00	0.00548	80.00	11.00	0.00547
80.00	9.00	0.00547	80.00	-9.00	0.00479
80.00	-11.00	0.00470	80.00	-13.00	0.00462
80.00	-15.00	0.00453	80.00	-17.00	0.00445
80.00	-20.00	0.00430	80.00	-25.00	0.00403
80.00	-30.00	0.00373	80.00	-40.00	0.00313
80.00	-50.00	0.00263	80.00	-60.00	0.00221
80.00	-70.00	0.00187	80.00	-80.00	0.00159
80.00	-90.00	0.00136	80.00	-100.00	0.00117
90.00	100.00	0.00192	90.00	90.00	0.00219
90.00	80.00	0.00251	90.00	70.00	0.00288
90.00	60.00	0.00331	90.00	50.00	0.00382
90.00	40.00	0.00439	90.00	30.00	0.00496
90.00	25.00	0.00522	90.00	20.00	0.00541
90.00	17.00	0.00548	90.00	15.00	0.00550

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

90.00	13.00	0.00550	90.00	11.00	0.00549
90.00	9.00	0.00547	90.00	-9.00	0.00462
90.00	-11.00	0.00450	90.00	-13.00	0.00440
90.00	-15.00	0.00430	90.00	-17.00	0.00419

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:
 PAGE 56

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00402	90.00	-25.00	0.00372
90.00	-30.00	0.00342	90.00	-40.00	0.00287
90.00	-50.00	0.00240	90.00	-60.00	0.00202
90.00	-70.00	0.00171	90.00	-80.00	0.00145
90.00	-90.00	0.00124	90.00	-100.00	0.00107
100.00	100.00	0.00192	100.00	90.00	0.00220
100.00	80.00	0.00252	100.00	70.00	0.00291
100.00	60.00	0.00336	100.00	50.00	0.00387
100.00	40.00	0.00443	100.00	30.00	0.00498
100.00	25.00	0.00521	100.00	20.00	0.00539
100.00	17.00	0.00546	100.00	15.00	0.00547
100.00	13.00	0.00546	100.00	11.00	0.00544
100.00	9.00	0.00541	100.00	-9.00	0.00434
100.00	-11.00	0.00419	100.00	-13.00	0.00405
100.00	-15.00	0.00392	100.00	-17.00	0.00379
100.00	-20.00	0.00360	100.00	-25.00	0.00329
100.00	-30.00	0.00301	100.00	-40.00	0.00254
100.00	-50.00	0.00213	100.00	-60.00	0.00179
100.00	-70.00	0.00151	100.00	-80.00	0.00128
100.00	-90.00	0.00110	100.00	-100.00	0.00095
110.00	100.00	0.00184	110.00	90.00	0.00211
110.00	80.00	0.00244	110.00	70.00	0.00282
110.00	60.00	0.00328	110.00	50.00	0.00380
110.00	40.00	0.00437	110.00	30.00	0.00491
110.00	25.00	0.00514	110.00	20.00	0.00531
110.00	17.00	0.00536	110.00	15.00	0.00537
110.00	13.00	0.00535	110.00	11.00	0.00532
110.00	9.00	0.00528	110.00	-9.00	0.00390
110.00	-11.00	0.00370	110.00	-13.00	0.00352
110.00	-15.00	0.00337	110.00	-17.00	0.00322

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

110.00	-20.00	0.00303	110.00	-25.00	0.00276
110.00	-30.00	0.00254	110.00	-40.00	0.00214
110.00	-50.00	0.00180	110.00	-60.00	0.00152
110.00	-70.00	0.00129	110.00	-80.00	0.00110
110.00	-90.00	0.00095	110.00	-100.00	0.00083
120.00	100.00	0.00170	120.00	90.00	0.00194
120.00	80.00	0.00223	120.00	70.00	0.00258
120.00	60.00	0.00301	120.00	50.00	0.00351
120.00	40.00	0.00408	120.00	30.00	0.00468
120.00	25.00	0.00495	120.00	20.00	0.00514

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00519	120.00	15.00	0.00519
120.00	13.00	0.00517	120.00	11.00	0.00513
120.00	9.00	0.00508	120.00	-9.00	0.00319
120.00	-11.00	0.00295	120.00	-13.00	0.00277
120.00	-15.00	0.00262	120.00	-17.00	0.00250
120.00	-20.00	0.00236	120.00	-25.00	0.00216
120.00	-30.00	0.00198	120.00	-40.00	0.00169
120.00	-50.00	0.00144	120.00	-60.00	0.00123
120.00	-70.00	0.00106	120.00	-80.00	0.00092
120.00	-90.00	0.00080	120.00	-100.00	0.00070
130.00	100.00	0.00150	130.00	90.00	0.00170
130.00	80.00	0.00193	130.00	70.00	0.00220
130.00	60.00	0.00253	130.00	50.00	0.00291
130.00	40.00	0.00335	130.00	30.00	0.00387
130.00	25.00	0.00415	130.00	20.00	0.00441
130.00	17.00	0.00454	130.00	15.00	0.00461
130.00	13.00	0.00466	130.00	11.00	0.00468
130.00	9.00	0.00467	130.00	-9.00	0.00207
130.00	-11.00	0.00191	130.00	-13.00	0.00180
130.00	-15.00	0.00171	130.00	-17.00	0.00165
130.00	-20.00	0.00157	130.00	-25.00	0.00147
130.00	-30.00	0.00138	130.00	-40.00	0.00122
130.00	-50.00	0.00108	130.00	-60.00	0.00095
130.00	-70.00	0.00084	130.00	-80.00	0.00074

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

130.00	-90.00	0.00066	130.00	-100.00	0.00059
140.00	100.00	0.00129	140.00	90.00	0.00144
140.00	80.00	0.00160	140.00	70.00	0.00179
140.00	60.00	0.00198	140.00	50.00	0.00219
140.00	40.00	0.00240	140.00	30.00	0.00256
140.00	25.00	0.00261	140.00	20.00	0.00259
140.00	17.00	0.00255	140.00	15.00	0.00249
140.00	13.00	0.00241	140.00	11.00	0.00230
140.00	9.00	0.00217	140.00	-9.00	0.00096
140.00	-11.00	0.00094	140.00	-13.00	0.00093
140.00	-15.00	0.00092	140.00	-17.00	0.00091
140.00	-20.00	0.00090	140.00	-25.00	0.00089
140.00	-30.00	0.00088	140.00	-40.00	0.00083
140.00	-50.00	0.00077	140.00	-60.00	0.00071
140.00	-70.00	0.00065	140.00	-80.00	0.00059
140.00	-90.00	0.00053	140.00	-100.00	0.00048

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 17:36:35

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00110	150.00	90.00	0.00120
150.00	80.00	0.00131	150.00	70.00	0.00142
150.00	60.00	0.00152	150.00	50.00	0.00161
150.00	40.00	0.00166	150.00	30.00	0.00165
150.00	25.00	0.00160	150.00	20.00	0.00152
150.00	17.00	0.00145	150.00	15.00	0.00140
150.00	13.00	0.00134	150.00	11.00	0.00128
150.00	9.00	0.00122	150.00	-9.00	0.00070
150.00	-11.00	0.00068	150.00	-13.00	0.00066
150.00	-15.00	0.00065	150.00	-17.00	0.00065
150.00	-20.00	0.00064	150.00	-25.00	0.00063
150.00	-30.00	0.00061	150.00	-40.00	0.00059
150.00	-50.00	0.00056	150.00	-60.00	0.00053
150.00	-70.00	0.00050	150.00	-80.00	0.00046
150.00	-90.00	0.00043	150.00	-100.00	0.00039
160.00	100.00	0.00093	160.00	90.00	0.00099
160.00	80.00	0.00106	160.00	70.00	0.00111
160.00	60.00	0.00116	160.00	50.00	0.00119

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

160.00	40.00	0.00118	160.00	30.00	0.00112
160.00	25.00	0.00107	160.00	20.00	0.00100
160.00	17.00	0.00097	160.00	15.00	0.00094
160.00	13.00	0.00092	160.00	11.00	0.00089
160.00	9.00	0.00086	160.00	-9.00	0.00055
160.00	-11.00	0.00053	160.00	-13.00	0.00052
160.00	-15.00	0.00051	160.00	-17.00	0.00050
160.00	-20.00	0.00049	160.00	-25.00	0.00048
160.00	-30.00	0.00048	160.00	-40.00	0.00046
160.00	-50.00	0.00044	160.00	-60.00	0.00041
160.00	-70.00	0.00039	160.00	-80.00	0.00037
160.00	-90.00	0.00035	160.00	-100.00	0.00032
170.00	100.00	0.00078	170.00	90.00	0.00082
170.00	80.00	0.00085	170.00	70.00	0.00088
170.00	60.00	0.00090	170.00	50.00	0.00090
170.00	40.00	0.00087	170.00	30.00	0.00080
170.00	25.00	0.00077	170.00	20.00	0.00073
170.00	17.00	0.00071	170.00	15.00	0.00070
170.00	13.00	0.00069	170.00	11.00	0.00067
170.00	9.00	0.00066	170.00	-9.00	0.00045
170.00	-11.00	0.00044	170.00	-13.00	0.00042
170.00	-15.00	0.00041	170.00	-17.00	0.00040

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00039	170.00	-25.00	0.00038
170.00	-30.00	0.00038	170.00	-40.00	0.00037
170.00	-50.00	0.00036	170.00	-60.00	0.00034
170.00	-70.00	0.00032	170.00	-80.00	0.00030
170.00	-90.00	0.00029	170.00	-100.00	0.00027
180.00	100.00	0.00065	180.00	90.00	0.00068
180.00	80.00	0.00069	180.00	70.00	0.00070
180.00	60.00	0.00070	180.00	50.00	0.00069
180.00	40.00	0.00065	180.00	30.00	0.00061
180.00	25.00	0.00059	180.00	20.00	0.00057
180.00	17.00	0.00056	180.00	15.00	0.00055
180.00	13.00	0.00054	180.00	11.00	0.00053

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

180.00	9.00	0.00052	180.00	-9.00	0.00038
180.00	-11.00	0.00036	180.00	-13.00	0.00035
180.00	-15.00	0.00034	180.00	-17.00	0.00033
180.00	-20.00	0.00032	180.00	-25.00	0.00031
180.00	-30.00	0.00031	180.00	-40.00	0.00030
180.00	-50.00	0.00030	180.00	-60.00	0.00029
180.00	-70.00	0.00027	180.00	-80.00	0.00026
180.00	-90.00	0.00024	180.00	-100.00	0.00023
190.00	100.00	0.00055	190.00	90.00	0.00056
190.00	80.00	0.00057	190.00	70.00	0.00057
190.00	60.00	0.00056	190.00	50.00	0.00053
190.00	40.00	0.00051	190.00	30.00	0.00048
190.00	25.00	0.00047	190.00	20.00	0.00046
190.00	17.00	0.00045	190.00	15.00	0.00044
190.00	13.00	0.00044	190.00	11.00	0.00043
190.00	9.00	0.00042	190.00	-9.00	0.00032
190.00	-11.00	0.00031	190.00	-13.00	0.00030
190.00	-15.00	0.00029	190.00	-17.00	0.00028
190.00	-20.00	0.00027	190.00	-25.00	0.00026
190.00	-30.00	0.00026	190.00	-40.00	0.00025
190.00	-50.00	0.00025	190.00	-60.00	0.00024
190.00	-70.00	0.00023	190.00	-80.00	0.00022
190.00	-90.00	0.00021	190.00	-100.00	0.00020
200.00	100.00	0.00047	200.00	90.00	0.00047
200.00	80.00	0.00047	200.00	70.00	0.00046
200.00	60.00	0.00045	200.00	50.00	0.00043
200.00	40.00	0.00041	200.00	30.00	0.00039
200.00	25.00	0.00038	200.00	20.00	0.00038

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00037	200.00	15.00	0.00037
200.00	13.00	0.00036	200.00	11.00	0.00036
200.00	9.00	0.00035	200.00	-9.00	0.00027
200.00	-11.00	0.00026	200.00	-13.00	0.00026
200.00	-15.00	0.00025	200.00	-17.00	0.00024
200.00	-20.00	0.00023	200.00	-25.00	0.00022

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

200.00	-30.00	0.00022	200.00	-40.00	0.00021
200.00	-50.00	0.00021	200.00	-60.00	0.00020
200.00	-70.00	0.00020	200.00	-80.00	0.00019
200.00	-90.00	0.00019	200.00	-100.00	0.00018
210.00	100.00	0.00040	210.00	90.00	0.00040
210.00	80.00	0.00039	210.00	70.00	0.00038
210.00	60.00	0.00036	210.00	50.00	0.00035
210.00	40.00	0.00034	210.00	30.00	0.00033
210.00	25.00	0.00032	210.00	20.00	0.00032
210.00	17.00	0.00031	210.00	15.00	0.00031
210.00	13.00	0.00031	210.00	11.00	0.00030
210.00	9.00	0.00030	210.00	-9.00	0.00024
210.00	-11.00	0.00023	210.00	-13.00	0.00022
210.00	-15.00	0.00021	210.00	-17.00	0.00021
210.00	-20.00	0.00020	210.00	-25.00	0.00019
210.00	-30.00	0.00019	210.00	-40.00	0.00018
210.00	-50.00	0.00018	210.00	-60.00	0.00017
210.00	-70.00	0.00017	210.00	-80.00	0.00017
210.00	-90.00	0.00016	210.00	-100.00	0.00016
220.00	100.00	0.00034	220.00	90.00	0.00033
220.00	80.00	0.00033	220.00	70.00	0.00031
220.00	60.00	0.00030	220.00	50.00	0.00029
220.00	40.00	0.00029	220.00	30.00	0.00028
220.00	25.00	0.00027	220.00	20.00	0.00027
220.00	17.00	0.00027	220.00	15.00	0.00026
220.00	13.00	0.00026	220.00	11.00	0.00026
220.00	9.00	0.00025	220.00	-9.00	0.00021
220.00	-11.00	0.00020	220.00	-13.00	0.00019
220.00	-15.00	0.00019	220.00	-17.00	0.00018
220.00	-20.00	0.00018	220.00	-25.00	0.00017
220.00	-30.00	0.00016	220.00	-40.00	0.00016
220.00	-50.00	0.00015	220.00	-60.00	0.00015
220.00	-70.00	0.00015	220.00	-80.00	0.00015
220.00	-90.00	0.00014	220.00	-100.00	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

230.00	100.00	0.00029	230.00	90.00	0.00028
230.00	80.00	0.00027	230.00	70.00	0.00027
230.00	60.00	0.00026	230.00	50.00	0.00025
230.00	40.00	0.00024	230.00	30.00	0.00024
230.00	25.00	0.00024	230.00	20.00	0.00023
230.00	17.00	0.00023	230.00	15.00	0.00023
230.00	13.00	0.00022	230.00	11.00	0.00022
230.00	9.00	0.00022	230.00	-9.00	0.00018
230.00	-11.00	0.00018	230.00	-13.00	0.00017
230.00	-15.00	0.00017	230.00	-17.00	0.00016
230.00	-20.00	0.00016	230.00	-25.00	0.00015
230.00	-30.00	0.00014	230.00	-40.00	0.00014
230.00	-50.00	0.00013	230.00	-60.00	0.00013
230.00	-70.00	0.00013	230.00	-80.00	0.00013
230.00	-90.00	0.00013	230.00	-100.00	0.00012
240.00	100.00	0.00025	240.00	90.00	0.00024
240.00	80.00	0.00023	240.00	70.00	0.00023
240.00	60.00	0.00022	240.00	50.00	0.00022
240.00	40.00	0.00021	240.00	30.00	0.00021
240.00	25.00	0.00021	240.00	20.00	0.00020
240.00	17.00	0.00020	240.00	15.00	0.00020
240.00	13.00	0.00020	240.00	11.00	0.00019
240.00	9.00	0.00019	240.00	-9.00	0.00016
240.00	-11.00	0.00016	240.00	-13.00	0.00015
240.00	-15.00	0.00015	240.00	-17.00	0.00014
240.00	-20.00	0.00014	240.00	-25.00	0.00013
240.00	-30.00	0.00013	240.00	-40.00	0.00012
240.00	-50.00	0.00012	240.00	-60.00	0.00012
240.00	-70.00	0.00011	240.00	-80.00	0.00011
240.00	-90.00	0.00011	240.00	-100.00	0.00011
250.00	100.00	0.00021	250.00	90.00	0.00021
250.00	80.00	0.00020	250.00	70.00	0.00020
250.00	60.00	0.00019	250.00	50.00	0.00019
250.00	40.00	0.00019	250.00	30.00	0.00018
250.00	25.00	0.00018	250.00	20.00	0.00018
250.00	17.00	0.00018	250.00	15.00	0.00017
250.00	13.00	0.00017	250.00	11.00	0.00017
250.00	9.00	0.00017	250.00	-9.00	0.00014
250.00	-11.00	0.00014	250.00	-13.00	0.00014
250.00	-15.00	0.00013	250.00	-17.00	0.00013

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:36:35

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00013	250.00	-25.00	0.00012
250.00	-30.00	0.00011	250.00	-40.00	0.00011
250.00	-50.00	0.00011	250.00	-60.00	0.00010
250.00	-70.00	0.00010	250.00	-80.00	0.00010
250.00	-90.00	0.00010	250.00	-100.00	0.00010

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00009	-250.00	90.00	0.00010
-250.00	80.00	0.00010	-250.00	70.00	0.00010
-250.00	60.00	0.00011	-250.00	50.00	0.00012
-250.00	40.00	0.00013	-250.00	30.00	0.00014
-250.00	25.00	0.00014	-250.00	20.00	0.00015
-250.00	17.00	0.00015	-250.00	15.00	0.00015
-250.00	13.00	0.00015	-250.00	11.00	0.00015
-250.00	9.00	0.00016	-250.00	-9.00	0.00017
-250.00	-11.00	0.00017	-250.00	-13.00	0.00017
-250.00	-15.00	0.00018	-250.00	-17.00	0.00018
-250.00	-20.00	0.00018	-250.00	-25.00	0.00019
-250.00	-30.00	0.00019	-250.00	-40.00	0.00021
-250.00	-50.00	0.00022	-250.00	-60.00	0.00023
-250.00	-70.00	0.00024	-250.00	-80.00	0.00026
-250.00	-90.00	0.00027	-250.00	-100.00	0.00028
-240.00	100.00	0.00010	-240.00	90.00	0.00010
-240.00	80.00	0.00011	-240.00	70.00	0.00011
-240.00	60.00	0.00012	-240.00	50.00	0.00012
-240.00	40.00	0.00013	-240.00	30.00	0.00015
-240.00	25.00	0.00015	-240.00	20.00	0.00016
-240.00	17.00	0.00016	-240.00	15.00	0.00016
-240.00	13.00	0.00016	-240.00	11.00	0.00017
-240.00	9.00	0.00017	-240.00	-9.00	0.00018

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-240.00	-11.00	0.00019	-240.00	-13.00	0.00019
-240.00	-15.00	0.00019	-240.00	-17.00	0.00019
-240.00	-20.00	0.00020	-240.00	-25.00	0.00020
-240.00	-30.00	0.00021	-240.00	-40.00	0.00022
-240.00	-50.00	0.00024	-240.00	-60.00	0.00025
-240.00	-70.00	0.00027	-240.00	-80.00	0.00028
-240.00	-90.00	0.00029	-240.00	-100.00	0.00030
-230.00	100.00	0.00010	-230.00	90.00	0.00011
-230.00	80.00	0.00011	-230.00	70.00	0.00012
-230.00	60.00	0.00013	-230.00	50.00	0.00013
-230.00	40.00	0.00014	-230.00	30.00	0.00016
-230.00	25.00	0.00016	-230.00	20.00	0.00017
-230.00	17.00	0.00017	-230.00	15.00	0.00017
-230.00	13.00	0.00018	-230.00	11.00	0.00018
-230.00	9.00	0.00018	-230.00	-9.00	0.00020
-230.00	-11.00	0.00020	-230.00	-13.00	0.00020
-230.00	-15.00	0.00021	-230.00	-17.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 64
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00021	-230.00	-25.00	0.00022
-230.00	-30.00	0.00023	-230.00	-40.00	0.00025
-230.00	-50.00	0.00026	-230.00	-60.00	0.00028
-230.00	-70.00	0.00029	-230.00	-80.00	0.00031
-230.00	-90.00	0.00032	-230.00	-100.00	0.00033
-220.00	100.00	0.00011	-220.00	90.00	0.00012
-220.00	80.00	0.00012	-220.00	70.00	0.00013
-220.00	60.00	0.00013	-220.00	50.00	0.00014
-220.00	40.00	0.00015	-220.00	30.00	0.00017
-220.00	25.00	0.00017	-220.00	20.00	0.00018
-220.00	17.00	0.00018	-220.00	15.00	0.00019
-220.00	13.00	0.00019	-220.00	11.00	0.00019
-220.00	9.00	0.00019	-220.00	-9.00	0.00022
-220.00	-11.00	0.00022	-220.00	-13.00	0.00022
-220.00	-15.00	0.00023	-220.00	-17.00	0.00023
-220.00	-20.00	0.00023	-220.00	-25.00	0.00024
-220.00	-30.00	0.00025	-220.00	-40.00	0.00027

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-220.00	-50.00	0.00029	-220.00	-60.00	0.00031
-220.00	-70.00	0.00033	-220.00	-80.00	0.00034
-220.00	-90.00	0.00036	-220.00	-100.00	0.00036
-210.00	100.00	0.00012	-210.00	90.00	0.00012
-210.00	80.00	0.00013	-210.00	70.00	0.00014
-210.00	60.00	0.00014	-210.00	50.00	0.00015
-210.00	40.00	0.00016	-210.00	30.00	0.00018
-210.00	25.00	0.00019	-210.00	20.00	0.00020
-210.00	17.00	0.00020	-210.00	15.00	0.00020
-210.00	13.00	0.00021	-210.00	11.00	0.00021
-210.00	9.00	0.00021	-210.00	-9.00	0.00024
-210.00	-11.00	0.00024	-210.00	-13.00	0.00024
-210.00	-15.00	0.00025	-210.00	-17.00	0.00025
-210.00	-20.00	0.00026	-210.00	-25.00	0.00027
-210.00	-30.00	0.00028	-210.00	-40.00	0.00030
-210.00	-50.00	0.00032	-210.00	-60.00	0.00034
-210.00	-70.00	0.00036	-210.00	-80.00	0.00038
-210.00	-90.00	0.00039	-210.00	-100.00	0.00040
-200.00	100.00	0.00013	-200.00	90.00	0.00013
-200.00	80.00	0.00014	-200.00	70.00	0.00015
-200.00	60.00	0.00015	-200.00	50.00	0.00016
-200.00	40.00	0.00018	-200.00	30.00	0.00019
-200.00	25.00	0.00020	-200.00	20.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTS:
 PAGE 65

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00022	-200.00	15.00	0.00022
-200.00	13.00	0.00022	-200.00	11.00	0.00023
-200.00	9.00	0.00023	-200.00	-9.00	0.00026
-200.00	-11.00	0.00026	-200.00	-13.00	0.00027
-200.00	-15.00	0.00027	-200.00	-17.00	0.00028
-200.00	-20.00	0.00028	-200.00	-25.00	0.00030
-200.00	-30.00	0.00031	-200.00	-40.00	0.00033
-200.00	-50.00	0.00036	-200.00	-60.00	0.00038
-200.00	-70.00	0.00040	-200.00	-80.00	0.00042
-200.00	-90.00	0.00043	-200.00	-100.00	0.00044
-190.00	100.00	0.00014	-190.00	90.00	0.00014

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-190.00	80.00	0.00015	-190.00	70.00	0.00016
-190.00	60.00	0.00017	-190.00	50.00	0.00018
-190.00	40.00	0.00019	-190.00	30.00	0.00021
-190.00	25.00	0.00022	-190.00	20.00	0.00023
-190.00	17.00	0.00024	-190.00	15.00	0.00024
-190.00	13.00	0.00025	-190.00	11.00	0.00025
-190.00	9.00	0.00025	-190.00	-9.00	0.00029
-190.00	-11.00	0.00029	-190.00	-13.00	0.00030
-190.00	-15.00	0.00030	-190.00	-17.00	0.00031
-190.00	-20.00	0.00032	-190.00	-25.00	0.00033
-190.00	-30.00	0.00034	-190.00	-40.00	0.00037
-190.00	-50.00	0.00040	-190.00	-60.00	0.00043
-190.00	-70.00	0.00045	-190.00	-80.00	0.00047
-190.00	-90.00	0.00048	-190.00	-100.00	0.00048
-180.00	100.00	0.00015	-180.00	90.00	0.00016
-180.00	80.00	0.00016	-180.00	70.00	0.00017
-180.00	60.00	0.00018	-180.00	50.00	0.00019
-180.00	40.00	0.00021	-180.00	30.00	0.00023
-180.00	25.00	0.00024	-180.00	20.00	0.00025
-180.00	17.00	0.00026	-180.00	15.00	0.00026
-180.00	13.00	0.00027	-180.00	11.00	0.00027
-180.00	9.00	0.00028	-180.00	-9.00	0.00032
-180.00	-11.00	0.00033	-180.00	-13.00	0.00033
-180.00	-15.00	0.00034	-180.00	-17.00	0.00034
-180.00	-20.00	0.00035	-180.00	-25.00	0.00037
-180.00	-30.00	0.00038	-180.00	-40.00	0.00042
-180.00	-50.00	0.00045	-180.00	-60.00	0.00048
-180.00	-70.00	0.00051	-180.00	-80.00	0.00052
-180.00	-90.00	0.00053	-180.00	-100.00	0.00052

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTS:
 PAGE 66

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00016	-170.00	90.00	0.00017
-170.00	80.00	0.00018	-170.00	70.00	0.00019
-170.00	60.00	0.00020	-170.00	50.00	0.00021
-170.00	40.00	0.00023	-170.00	30.00	0.00025
-170.00	25.00	0.00026	-170.00	20.00	0.00028

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-170.00	17.00	0.00029	-170.00	15.00	0.00029
-170.00	13.00	0.00030	-170.00	11.00	0.00030
-170.00	9.00	0.00031	-170.00	-9.00	0.00036
-170.00	-11.00	0.00036	-170.00	-13.00	0.00037
-170.00	-15.00	0.00038	-170.00	-17.00	0.00038
-170.00	-20.00	0.00040	-170.00	-25.00	0.00041
-170.00	-30.00	0.00043	-170.00	-40.00	0.00047
-170.00	-50.00	0.00051	-170.00	-60.00	0.00055
-170.00	-70.00	0.00058	-170.00	-80.00	0.00059
-170.00	-90.00	0.00058	-170.00	-100.00	0.00056
-160.00	100.00	0.00018	-160.00	90.00	0.00018
-160.00	80.00	0.00019	-160.00	70.00	0.00020
-160.00	60.00	0.00022	-160.00	50.00	0.00023
-160.00	40.00	0.00025	-160.00	30.00	0.00027
-160.00	25.00	0.00029	-160.00	20.00	0.00030
-160.00	17.00	0.00031	-160.00	15.00	0.00032
-160.00	13.00	0.00033	-160.00	11.00	0.00034
-160.00	9.00	0.00034	-160.00	-9.00	0.00040
-160.00	-11.00	0.00041	-160.00	-13.00	0.00042
-160.00	-15.00	0.00043	-160.00	-17.00	0.00043
-160.00	-20.00	0.00045	-160.00	-25.00	0.00047
-160.00	-30.00	0.00050	-160.00	-40.00	0.00054
-160.00	-50.00	0.00059	-160.00	-60.00	0.00063
-160.00	-70.00	0.00065	-160.00	-80.00	0.00065
-160.00	-90.00	0.00064	-160.00	-100.00	0.00061
-150.00	100.00	0.00019	-150.00	90.00	0.00020
-150.00	80.00	0.00021	-150.00	70.00	0.00022
-150.00	60.00	0.00024	-150.00	50.00	0.00025
-150.00	40.00	0.00027	-150.00	30.00	0.00030
-150.00	25.00	0.00032	-150.00	20.00	0.00034
-150.00	17.00	0.00035	-150.00	15.00	0.00036
-150.00	13.00	0.00037	-150.00	11.00	0.00037
-150.00	9.00	0.00038	-150.00	-9.00	0.00045
-150.00	-11.00	0.00046	-150.00	-13.00	0.00047
-150.00	-15.00	0.00049	-150.00	-17.00	0.00050

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 17:36:35
 **MODELOPTs:
 PAGE 67
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00051	-150.00	-25.00	0.00054
-150.00	-30.00	0.00057	-150.00	-40.00	0.00063
-150.00	-50.00	0.00068	-150.00	-60.00	0.00072
-150.00	-70.00	0.00074	-150.00	-80.00	0.00073
-150.00	-90.00	0.00070	-150.00	-100.00	0.00066
-140.00	100.00	0.00021	-140.00	90.00	0.00022
-140.00	80.00	0.00023	-140.00	70.00	0.00025
-140.00	60.00	0.00026	-140.00	50.00	0.00028
-140.00	40.00	0.00030	-140.00	30.00	0.00033
-140.00	25.00	0.00035	-140.00	20.00	0.00037
-140.00	17.00	0.00039	-140.00	15.00	0.00040
-140.00	13.00	0.00041	-140.00	11.00	0.00042
-140.00	9.00	0.00043	-140.00	-9.00	0.00052
-140.00	-11.00	0.00053	-140.00	-13.00	0.00054
-140.00	-15.00	0.00056	-140.00	-17.00	0.00057
-140.00	-20.00	0.00059	-140.00	-25.00	0.00063
-140.00	-30.00	0.00066	-140.00	-40.00	0.00073
-140.00	-50.00	0.00080	-140.00	-60.00	0.00083
-140.00	-70.00	0.00083	-140.00	-80.00	0.00080
-140.00	-90.00	0.00076	-140.00	-100.00	0.00072
-130.00	100.00	0.00023	-130.00	90.00	0.00024
-130.00	80.00	0.00026	-130.00	70.00	0.00027
-130.00	60.00	0.00029	-130.00	50.00	0.00031
-130.00	40.00	0.00033	-130.00	30.00	0.00037
-130.00	25.00	0.00039	-130.00	20.00	0.00042
-130.00	17.00	0.00044	-130.00	15.00	0.00045
-130.00	13.00	0.00046	-130.00	11.00	0.00047
-130.00	9.00	0.00049	-130.00	-9.00	0.00060
-130.00	-11.00	0.00062	-130.00	-13.00	0.00063
-130.00	-15.00	0.00065	-130.00	-17.00	0.00067
-130.00	-20.00	0.00069	-130.00	-25.00	0.00074
-130.00	-30.00	0.00078	-130.00	-40.00	0.00087
-130.00	-50.00	0.00093	-130.00	-60.00	0.00095
-130.00	-70.00	0.00093	-130.00	-80.00	0.00089
-130.00	-90.00	0.00083	-130.00	-100.00	0.00077
-120.00	100.00	0.00025	-120.00	90.00	0.00027
-120.00	80.00	0.00028	-120.00	70.00	0.00030
-120.00	60.00	0.00033	-120.00	50.00	0.00035
-120.00	40.00	0.00038	-120.00	30.00	0.00041
-120.00	25.00	0.00044	-120.00	20.00	0.00047

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:36:35

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00049	-120.00	15.00	0.00051
-120.00	13.00	0.00052	-120.00	11.00	0.00054
-120.00	9.00	0.00055	-120.00	-9.00	0.00070
-120.00	-11.00	0.00072	-120.00	-13.00	0.00074
-120.00	-15.00	0.00076	-120.00	-17.00	0.00079
-120.00	-20.00	0.00082	-120.00	-25.00	0.00088
-120.00	-30.00	0.00094	-120.00	-40.00	0.00104
-120.00	-50.00	0.00109	-120.00	-60.00	0.00109
-120.00	-70.00	0.00104	-120.00	-80.00	0.00098
-120.00	-90.00	0.00091	-120.00	-100.00	0.00083
-110.00	100.00	0.00028	-110.00	90.00	0.00030
-110.00	80.00	0.00032	-110.00	70.00	0.00034
-110.00	60.00	0.00037	-110.00	50.00	0.00039
-110.00	40.00	0.00043	-110.00	30.00	0.00047
-110.00	25.00	0.00049	-110.00	20.00	0.00053
-110.00	17.00	0.00055	-110.00	15.00	0.00057
-110.00	13.00	0.00059	-110.00	11.00	0.00061
-110.00	9.00	0.00063	-110.00	-9.00	0.00083
-110.00	-11.00	0.00085	-110.00	-13.00	0.00088
-110.00	-15.00	0.00091	-110.00	-17.00	0.00094
-110.00	-20.00	0.00099	-110.00	-25.00	0.00106
-110.00	-30.00	0.00114	-110.00	-40.00	0.00124
-110.00	-50.00	0.00127	-110.00	-60.00	0.00124
-110.00	-70.00	0.00116	-110.00	-80.00	0.00107
-110.00	-90.00	0.00099	-110.00	-100.00	0.00090
-100.00	100.00	0.00033	-100.00	90.00	0.00034
-100.00	80.00	0.00036	-100.00	70.00	0.00038
-100.00	60.00	0.00041	-100.00	50.00	0.00045
-100.00	40.00	0.00049	-100.00	30.00	0.00053
-100.00	25.00	0.00056	-100.00	20.00	0.00060
-100.00	17.00	0.00063	-100.00	15.00	0.00065
-100.00	13.00	0.00068	-100.00	11.00	0.00070
-100.00	9.00	0.00073	-100.00	-9.00	0.00099
-100.00	-11.00	0.00103	-100.00	-13.00	0.00107
-100.00	-15.00	0.00111	-100.00	-17.00	0.00115
-100.00	-20.00	0.00121	-100.00	-25.00	0.00131
-100.00	-30.00	0.00140	-100.00	-40.00	0.00149

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-100.00	-50.00	0.00148	-100.00	-60.00	0.00140
-100.00	-70.00	0.00129	-100.00	-80.00	0.00118
-100.00	-90.00	0.00107	-100.00	-100.00	0.00097

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:

PAGE 69

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00040	-90.00	90.00	0.00041
-90.00	80.00	0.00043	-90.00	70.00	0.00045
-90.00	60.00	0.00048	-90.00	50.00	0.00051
-90.00	40.00	0.00056	-90.00	30.00	0.00061
-90.00	25.00	0.00065	-90.00	20.00	0.00069
-90.00	17.00	0.00072	-90.00	15.00	0.00075
-90.00	13.00	0.00078	-90.00	11.00	0.00081
-90.00	9.00	0.00085	-90.00	-9.00	0.00121
-90.00	-11.00	0.00126	-90.00	-13.00	0.00132
-90.00	-15.00	0.00138	-90.00	-17.00	0.00143
-90.00	-20.00	0.00152	-90.00	-25.00	0.00165
-90.00	-30.00	0.00173	-90.00	-40.00	0.00177
-90.00	-50.00	0.00170	-90.00	-60.00	0.00157
-90.00	-70.00	0.00143	-90.00	-80.00	0.00129
-90.00	-90.00	0.00116	-90.00	-100.00	0.00104
-80.00	100.00	0.00051	-80.00	90.00	0.00052
-80.00	80.00	0.00053	-80.00	70.00	0.00055
-80.00	60.00	0.00057	-80.00	50.00	0.00060
-80.00	40.00	0.00065	-80.00	30.00	0.00071
-80.00	25.00	0.00075	-80.00	20.00	0.00080
-80.00	17.00	0.00084	-80.00	15.00	0.00087
-80.00	13.00	0.00090	-80.00	11.00	0.00094
-80.00	9.00	0.00098	-80.00	-9.00	0.00151
-80.00	-11.00	0.00159	-80.00	-13.00	0.00167
-80.00	-15.00	0.00176	-80.00	-17.00	0.00184
-80.00	-20.00	0.00194	-80.00	-25.00	0.00207
-80.00	-30.00	0.00212	-80.00	-40.00	0.00208
-80.00	-50.00	0.00195	-80.00	-60.00	0.00177
-80.00	-70.00	0.00158	-80.00	-80.00	0.00141
-80.00	-90.00	0.00125	-80.00	-100.00	0.00112
-70.00	100.00	0.00066	-70.00	90.00	0.00069

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-70.00	80.00	0.00071	-70.00	70.00	0.00073
-70.00	60.00	0.00075	-70.00	50.00	0.00077
-70.00	40.00	0.00079	-70.00	30.00	0.00084
-70.00	25.00	0.00089	-70.00	20.00	0.00094
-70.00	17.00	0.00098	-70.00	15.00	0.00101
-70.00	13.00	0.00105	-70.00	11.00	0.00109
-70.00	9.00	0.00114	-70.00	-9.00	0.00194
-70.00	-11.00	0.00207	-70.00	-13.00	0.00219
-70.00	-15.00	0.00230	-70.00	-17.00	0.00239

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:

PAGE 70

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00249	-70.00	-25.00	0.00256
-70.00	-30.00	0.00256	-70.00	-40.00	0.00243
-70.00	-50.00	0.00222	-70.00	-60.00	0.00197
-70.00	-70.00	0.00174	-70.00	-80.00	0.00152
-70.00	-90.00	0.00134	-70.00	-100.00	0.00118
-60.00	100.00	0.00087	-60.00	90.00	0.00093
-60.00	80.00	0.00099	-60.00	70.00	0.00104
-60.00	60.00	0.00109	-60.00	50.00	0.00111
-60.00	40.00	0.00112	-60.00	30.00	0.00111
-60.00	25.00	0.00111	-60.00	20.00	0.00114
-60.00	17.00	0.00117	-60.00	15.00	0.00121
-60.00	13.00	0.00124	-60.00	11.00	0.00129
-60.00	9.00	0.00135	-60.00	-9.00	0.00263
-60.00	-11.00	0.00279	-60.00	-13.00	0.00291
-60.00	-15.00	0.00300	-60.00	-17.00	0.00306
-60.00	-20.00	0.00311	-60.00	-25.00	0.00311
-60.00	-30.00	0.00305	-60.00	-40.00	0.00281
-60.00	-50.00	0.00249	-60.00	-60.00	0.00217
-60.00	-70.00	0.00188	-60.00	-80.00	0.00163
-60.00	-90.00	0.00142	-60.00	-100.00	0.00124
-50.00	100.00	0.00112	-50.00	90.00	0.00122
-50.00	80.00	0.00133	-50.00	70.00	0.00146
-50.00	60.00	0.00160	-50.00	50.00	0.00175
-50.00	40.00	0.00187	-50.00	30.00	0.00193
-50.00	25.00	0.00192	-50.00	20.00	0.00187

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-50.00	17.00	0.00181	-50.00	15.00	0.00178
-50.00	13.00	0.00175	-50.00	11.00	0.00174
-50.00	9.00	0.00176	-50.00	-9.00	0.00369
-50.00	-11.00	0.00377	-50.00	-13.00	0.00382
-50.00	-15.00	0.00384	-50.00	-17.00	0.00384
-50.00	-20.00	0.00382	-50.00	-25.00	0.00371
-50.00	-30.00	0.00356	-50.00	-40.00	0.00316
-50.00	-50.00	0.00273	-50.00	-60.00	0.00233
-50.00	-70.00	0.00199	-50.00	-80.00	0.00171
-50.00	-90.00	0.00147	-50.00	-100.00	0.00128
-40.00	100.00	0.00135	-40.00	90.00	0.00151
-40.00	80.00	0.00169	-40.00	70.00	0.00190
-40.00	60.00	0.00216	-40.00	50.00	0.00247
-40.00	40.00	0.00283	-40.00	30.00	0.00323
-40.00	25.00	0.00345	-40.00	20.00	0.00366

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00379	-40.00	15.00	0.00388
-40.00	13.00	0.00397	-40.00	11.00	0.00408
-40.00	9.00	0.00422	-40.00	-9.00	0.00473
-40.00	-11.00	0.00466	-40.00	-13.00	0.00460
-40.00	-15.00	0.00455	-40.00	-17.00	0.00449
-40.00	-20.00	0.00438	-40.00	-25.00	0.00417
-40.00	-30.00	0.00393	-40.00	-40.00	0.00340
-40.00	-50.00	0.00288	-40.00	-60.00	0.00243
-40.00	-70.00	0.00205	-40.00	-80.00	0.00175
-40.00	-90.00	0.00150	-40.00	-100.00	0.00130
-30.00	100.00	0.00156	-30.00	90.00	0.00176
-30.00	80.00	0.00199	-30.00	70.00	0.00227
-30.00	60.00	0.00262	-30.00	50.00	0.00304
-30.00	40.00	0.00354	-30.00	30.00	0.00412
-30.00	25.00	0.00442	-30.00	20.00	0.00470
-30.00	17.00	0.00484	-30.00	15.00	0.00492
-30.00	13.00	0.00498	-30.00	11.00	0.00504
-30.00	9.00	0.00510	-30.00	-9.00	0.00488
-30.00	-11.00	0.00481	-30.00	-13.00	0.00475

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-30.00	-15.00	0.00469	-30.00	-17.00	0.00462
-30.00	-20.00	0.00451	-30.00	-25.00	0.00428
-30.00	-30.00	0.00402	-30.00	-40.00	0.00345
-30.00	-50.00	0.00290	-30.00	-60.00	0.00244
-30.00	-70.00	0.00206	-30.00	-80.00	0.00175
-30.00	-90.00	0.00149	-30.00	-100.00	0.00129
-20.00	100.00	0.00173	-20.00	90.00	0.00196
-20.00	80.00	0.00223	-20.00	70.00	0.00256
-20.00	60.00	0.00296	-20.00	50.00	0.00343
-20.00	40.00	0.00399	-20.00	30.00	0.00460
-20.00	25.00	0.00490	-20.00	20.00	0.00516
-20.00	17.00	0.00527	-20.00	15.00	0.00531
-20.00	13.00	0.00534	-20.00	11.00	0.00536
-20.00	9.00	0.00538	-20.00	-9.00	0.00488
-20.00	-11.00	0.00480	-20.00	-13.00	0.00473
-20.00	-15.00	0.00466	-20.00	-17.00	0.00459
-20.00	-20.00	0.00446	-20.00	-25.00	0.00421
-20.00	-30.00	0.00393	-20.00	-40.00	0.00334
-20.00	-50.00	0.00280	-20.00	-60.00	0.00236
-20.00	-70.00	0.00199	-20.00	-80.00	0.00169
-20.00	-90.00	0.00144	-20.00	-100.00	0.00124

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00185	-10.00	90.00	0.00211
-10.00	80.00	0.00241	-10.00	70.00	0.00276
-10.00	60.00	0.00318	-10.00	50.00	0.00368
-10.00	40.00	0.00425	-10.00	30.00	0.00486
-10.00	25.00	0.00513	-10.00	20.00	0.00535
-10.00	17.00	0.00543	-10.00	15.00	0.00546
-10.00	13.00	0.00548	-10.00	11.00	0.00547
-10.00	9.00	0.00547	-10.00	-9.00	0.00479
-10.00	-11.00	0.00470	-10.00	-13.00	0.00462
-10.00	-15.00	0.00453	-10.00	-17.00	0.00445
-10.00	-20.00	0.00430	-10.00	-25.00	0.00403
-10.00	-30.00	0.00373	-10.00	-40.00	0.00313
-10.00	-50.00	0.00263	-10.00	-60.00	0.00221

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-10.00	-70.00	0.00187	-10.00	-80.00	0.00159
-10.00	-90.00	0.00136	-10.00	-100.00	0.00117
0.00	100.00	0.00192	0.00	90.00	0.00219
0.00	80.00	0.00251	0.00	70.00	0.00288
0.00	60.00	0.00331	0.00	50.00	0.00382
0.00	40.00	0.00439	0.00	30.00	0.00496
0.00	25.00	0.00522	0.00	20.00	0.00541
0.00	17.00	0.00548	0.00	15.00	0.00550
0.00	13.00	0.00550	0.00	11.00	0.00549
0.00	9.00	0.00547	0.00	-9.00	0.00462
0.00	-11.00	0.00450	0.00	-13.00	0.00440
0.00	-15.00	0.00430	0.00	-17.00	0.00419
0.00	-20.00	0.00402	0.00	-25.00	0.00372
0.00	-30.00	0.00342	0.00	-40.00	0.00287
0.00	-50.00	0.00240	0.00	-60.00	0.00202
0.00	-70.00	0.00171	0.00	-80.00	0.00145
0.00	-90.00	0.00124	0.00	-100.00	0.00107
10.00	100.00	0.00192	10.00	90.00	0.00220
10.00	80.00	0.00252	10.00	70.00	0.00291
10.00	60.00	0.00336	10.00	50.00	0.00387
10.00	40.00	0.00443	10.00	30.00	0.00498
10.00	25.00	0.00521	10.00	20.00	0.00539
10.00	17.00	0.00546	10.00	15.00	0.00547
10.00	13.00	0.00546	10.00	11.00	0.00544
10.00	9.00	0.00541	10.00	-9.00	0.00434
10.00	-11.00	0.00419	10.00	-13.00	0.00405
10.00	-15.00	0.00392	10.00	-17.00	0.00379

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 73

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00360	10.00	-25.00	0.00329
10.00	-30.00	0.00301	10.00	-40.00	0.00254
10.00	-50.00	0.00213	10.00	-60.00	0.00179
10.00	-70.00	0.00151	10.00	-80.00	0.00128
10.00	-90.00	0.00110	10.00	-100.00	0.00095
20.00	100.00	0.00184	20.00	90.00	0.00211
20.00	80.00	0.00244	20.00	70.00	0.00282

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

20.00	60.00	0.00328	20.00	50.00	0.00380
20.00	40.00	0.00437	20.00	30.00	0.00491
20.00	25.00	0.00514	20.00	20.00	0.00531
20.00	17.00	0.00536	20.00	15.00	0.00537
20.00	13.00	0.00535	20.00	11.00	0.00532
20.00	9.00	0.00528	20.00	-9.00	0.00390
20.00	-11.00	0.00370	20.00	-13.00	0.00352
20.00	-15.00	0.00337	20.00	-17.00	0.00322
20.00	-20.00	0.00303	20.00	-25.00	0.00276
20.00	-30.00	0.00254	20.00	-40.00	0.00214
20.00	-50.00	0.00180	20.00	-60.00	0.00152
20.00	-70.00	0.00129	20.00	-80.00	0.00110
20.00	-90.00	0.00095	20.00	-100.00	0.00083
30.00	100.00	0.00170	30.00	90.00	0.00194
30.00	80.00	0.00223	30.00	70.00	0.00258
30.00	60.00	0.00301	30.00	50.00	0.00351
30.00	40.00	0.00408	30.00	30.00	0.00468
30.00	25.00	0.00495	30.00	20.00	0.00514
30.00	17.00	0.00519	30.00	15.00	0.00519
30.00	13.00	0.00517	30.00	11.00	0.00513
30.00	9.00	0.00508	30.00	-9.00	0.00319
30.00	-11.00	0.00295	30.00	-13.00	0.00277
30.00	-15.00	0.00262	30.00	-17.00	0.00250
30.00	-20.00	0.00236	30.00	-25.00	0.00216
30.00	-30.00	0.00198	30.00	-40.00	0.00169
30.00	-50.00	0.00144	30.00	-60.00	0.00123
30.00	-70.00	0.00106	30.00	-80.00	0.00092
30.00	-90.00	0.00080	30.00	-100.00	0.00070
40.00	100.00	0.00150	40.00	90.00	0.00170
40.00	80.00	0.00193	40.00	70.00	0.00220
40.00	60.00	0.00253	40.00	50.00	0.00291
40.00	40.00	0.00335	40.00	30.00	0.00387
40.00	25.00	0.00415	40.00	20.00	0.00441

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 74
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00454	40.00	15.00	0.00461

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

40.00	13.00	0.00466	40.00	11.00	0.00468
40.00	9.00	0.00467	40.00	-9.00	0.00207
40.00	-11.00	0.00191	40.00	-13.00	0.00180
40.00	-15.00	0.00171	40.00	-17.00	0.00165
40.00	-20.00	0.00157	40.00	-25.00	0.00147
40.00	-30.00	0.00138	40.00	-40.00	0.00122
40.00	-50.00	0.00108	40.00	-60.00	0.00095
40.00	-70.00	0.00084	40.00	-80.00	0.00074
40.00	-90.00	0.00066	40.00	-100.00	0.00059
50.00	100.00	0.00129	50.00	90.00	0.00144
50.00	80.00	0.00160	50.00	70.00	0.00179
50.00	60.00	0.00198	50.00	50.00	0.00219
50.00	40.00	0.00240	50.00	30.00	0.00256
50.00	25.00	0.00261	50.00	20.00	0.00259
50.00	17.00	0.00255	50.00	15.00	0.00249
50.00	13.00	0.00241	50.00	11.00	0.00230
50.00	9.00	0.00217	50.00	-9.00	0.00096
50.00	-11.00	0.00094	50.00	-13.00	0.00093
50.00	-15.00	0.00092	50.00	-17.00	0.00091
50.00	-20.00	0.00090	50.00	-25.00	0.00089
50.00	-30.00	0.00088	50.00	-40.00	0.00083
50.00	-50.00	0.00077	50.00	-60.00	0.00071
50.00	-70.00	0.00065	50.00	-80.00	0.00059
50.00	-90.00	0.00053	50.00	-100.00	0.00048
60.00	100.00	0.00110	60.00	90.00	0.00120
60.00	80.00	0.00131	60.00	70.00	0.00142
60.00	60.00	0.00152	60.00	50.00	0.00161
60.00	40.00	0.00166	60.00	30.00	0.00165
60.00	25.00	0.00160	60.00	20.00	0.00152
60.00	17.00	0.00145	60.00	15.00	0.00140
60.00	13.00	0.00134	60.00	11.00	0.00128
60.00	9.00	0.00122	60.00	-9.00	0.00070
60.00	-11.00	0.00068	60.00	-13.00	0.00066
60.00	-15.00	0.00065	60.00	-17.00	0.00065
60.00	-20.00	0.00064	60.00	-25.00	0.00063
60.00	-30.00	0.00061	60.00	-40.00	0.00059
60.00	-50.00	0.00056	60.00	-60.00	0.00053
60.00	-70.00	0.00050	60.00	-80.00	0.00046
60.00	-90.00	0.00043	60.00	-100.00	0.00039

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:36:35

**MODELOPTs:

PAGE 75

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
70.00	100.00	0.00093	70.00	90.00	0.00099	
70.00	80.00	0.00106	70.00	70.00	0.00111	
70.00	60.00	0.00116	70.00	50.00	0.00119	
70.00	40.00	0.00118	70.00	30.00	0.00112	
70.00	25.00	0.00107	70.00	20.00	0.00100	
70.00	17.00	0.00097	70.00	15.00	0.00094	
70.00	13.00	0.00092	70.00	11.00	0.00089	
70.00	9.00	0.00086	70.00	-9.00	0.00055	
70.00	-11.00	0.00053	70.00	-13.00	0.00052	
70.00	-15.00	0.00051	70.00	-17.00	0.00050	
70.00	-20.00	0.00049	70.00	-25.00	0.00048	
70.00	-30.00	0.00048	70.00	-40.00	0.00046	
70.00	-50.00	0.00044	70.00	-60.00	0.00041	
70.00	-70.00	0.00039	70.00	-80.00	0.00037	
70.00	-90.00	0.00035	70.00	-100.00	0.00032	
80.00	100.00	0.00078	80.00	90.00	0.00082	
80.00	80.00	0.00085	80.00	70.00	0.00088	
80.00	60.00	0.00090	80.00	50.00	0.00090	
80.00	40.00	0.00087	80.00	30.00	0.00080	
80.00	25.00	0.00077	80.00	20.00	0.00073	
80.00	17.00	0.00071	80.00	15.00	0.00070	
80.00	13.00	0.00069	80.00	11.00	0.00067	
80.00	9.00	0.00066	80.00	-9.00	0.00045	
80.00	-11.00	0.00044	80.00	-13.00	0.00042	
80.00	-15.00	0.00041	80.00	-17.00	0.00040	
80.00	-20.00	0.00039	80.00	-25.00	0.00038	
80.00	-30.00	0.00038	80.00	-40.00	0.00037	
80.00	-50.00	0.00036	80.00	-60.00	0.00034	
80.00	-70.00	0.00032	80.00	-80.00	0.00030	
80.00	-90.00	0.00029	80.00	-100.00	0.00027	
90.00	100.00	0.00065	90.00	90.00	0.00068	
90.00	80.00	0.00069	90.00	70.00	0.00070	
90.00	60.00	0.00070	90.00	50.00	0.00069	
90.00	40.00	0.00065	90.00	30.00	0.00061	
90.00	25.00	0.00059	90.00	20.00	0.00057	
90.00	17.00	0.00056	90.00	15.00	0.00055	
90.00	13.00	0.00054	90.00	11.00	0.00053	
90.00	9.00	0.00052	90.00	-9.00	0.00038	
90.00	-11.00	0.00036	90.00	-13.00	0.00035	

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

90.00 -15.00 0.00034 90.00 -17.00 0.00033

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00032	90.00	-25.00	0.00031
90.00	-30.00	0.00031	90.00	-40.00	0.00030
90.00	-50.00	0.00030	90.00	-60.00	0.00029
90.00	-70.00	0.00027	90.00	-80.00	0.00026
90.00	-90.00	0.00024	90.00	-100.00	0.00023
100.00	100.00	0.00055	100.00	90.00	0.00056
100.00	80.00	0.00057	100.00	70.00	0.00057
100.00	60.00	0.00056	100.00	50.00	0.00053
100.00	40.00	0.00051	100.00	30.00	0.00048
100.00	25.00	0.00047	100.00	20.00	0.00046
100.00	17.00	0.00045	100.00	15.00	0.00044
100.00	13.00	0.00044	100.00	11.00	0.00043
100.00	9.00	0.00042	100.00	-9.00	0.00032
100.00	-11.00	0.00031	100.00	-13.00	0.00030
100.00	-15.00	0.00029	100.00	-17.00	0.00028
100.00	-20.00	0.00027	100.00	-25.00	0.00026
100.00	-30.00	0.00026	100.00	-40.00	0.00025
100.00	-50.00	0.00025	100.00	-60.00	0.00024
100.00	-70.00	0.00023	100.00	-80.00	0.00022
100.00	-90.00	0.00021	100.00	-100.00	0.00020
110.00	100.00	0.00047	110.00	90.00	0.00047
110.00	80.00	0.00047	110.00	70.00	0.00046
110.00	60.00	0.00045	110.00	50.00	0.00043
110.00	40.00	0.00041	110.00	30.00	0.00039
110.00	25.00	0.00038	110.00	20.00	0.00038
110.00	17.00	0.00037	110.00	15.00	0.00037
110.00	13.00	0.00036	110.00	11.00	0.00036
110.00	9.00	0.00035	110.00	-9.00	0.00027
110.00	-11.00	0.00026	110.00	-13.00	0.00026
110.00	-15.00	0.00025	110.00	-17.00	0.00024
110.00	-20.00	0.00023	110.00	-25.00	0.00022
110.00	-30.00	0.00022	110.00	-40.00	0.00021
110.00	-50.00	0.00021	110.00	-60.00	0.00020

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

110.00	-70.00	0.00020	110.00	-80.00	0.00019
110.00	-90.00	0.00019	110.00	-100.00	0.00018
120.00	100.00	0.00040	120.00	90.00	0.00040
120.00	80.00	0.00039	120.00	70.00	0.00038
120.00	60.00	0.00036	120.00	50.00	0.00035
120.00	40.00	0.00034	120.00	30.00	0.00033
120.00	25.00	0.00032	120.00	20.00	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:
 PAGE 77

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00031	120.00	15.00	0.00031
120.00	13.00	0.00031	120.00	11.00	0.00030
120.00	9.00	0.00030	120.00	-9.00	0.00024
120.00	-11.00	0.00023	120.00	-13.00	0.00022
120.00	-15.00	0.00021	120.00	-17.00	0.00021
120.00	-20.00	0.00020	120.00	-25.00	0.00019
120.00	-30.00	0.00019	120.00	-40.00	0.00018
120.00	-50.00	0.00018	120.00	-60.00	0.00017
120.00	-70.00	0.00017	120.00	-80.00	0.00017
120.00	-90.00	0.00016	120.00	-100.00	0.00016
130.00	100.00	0.00034	130.00	90.00	0.00033
130.00	80.00	0.00033	130.00	70.00	0.00031
130.00	60.00	0.00030	130.00	50.00	0.00029
130.00	40.00	0.00029	130.00	30.00	0.00028
130.00	25.00	0.00027	130.00	20.00	0.00027
130.00	17.00	0.00027	130.00	15.00	0.00026
130.00	13.00	0.00026	130.00	11.00	0.00026
130.00	9.00	0.00025	130.00	-9.00	0.00021
130.00	-11.00	0.00020	130.00	-13.00	0.00019
130.00	-15.00	0.00019	130.00	-17.00	0.00018
130.00	-20.00	0.00018	130.00	-25.00	0.00017
130.00	-30.00	0.00016	130.00	-40.00	0.00016
130.00	-50.00	0.00015	130.00	-60.00	0.00015
130.00	-70.00	0.00015	130.00	-80.00	0.00015
130.00	-90.00	0.00014	130.00	-100.00	0.00014
140.00	100.00	0.00029	140.00	90.00	0.00028
140.00	80.00	0.00027	140.00	70.00	0.00027

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

140.00	60.00	0.00026	140.00	50.00	0.00025
140.00	40.00	0.00024	140.00	30.00	0.00024
140.00	25.00	0.00024	140.00	20.00	0.00023
140.00	17.00	0.00023	140.00	15.00	0.00023
140.00	13.00	0.00022	140.00	11.00	0.00022
140.00	9.00	0.00022	140.00	-9.00	0.00018
140.00	-11.00	0.00018	140.00	-13.00	0.00017
140.00	-15.00	0.00017	140.00	-17.00	0.00016
140.00	-20.00	0.00016	140.00	-25.00	0.00015
140.00	-30.00	0.00014	140.00	-40.00	0.00014
140.00	-50.00	0.00013	140.00	-60.00	0.00013
140.00	-70.00	0.00013	140.00	-80.00	0.00013
140.00	-90.00	0.00013	140.00	-100.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:
 PAGE 78

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00025	150.00	90.00	0.00024
150.00	80.00	0.00023	150.00	70.00	0.00023
150.00	60.00	0.00022	150.00	50.00	0.00022
150.00	40.00	0.00021	150.00	30.00	0.00021
150.00	25.00	0.00021	150.00	20.00	0.00020
150.00	17.00	0.00020	150.00	15.00	0.00020
150.00	13.00	0.00020	150.00	11.00	0.00019
150.00	9.00	0.00019	150.00	-9.00	0.00016
150.00	-11.00	0.00016	150.00	-13.00	0.00015
150.00	-15.00	0.00015	150.00	-17.00	0.00014
150.00	-20.00	0.00014	150.00	-25.00	0.00013
150.00	-30.00	0.00013	150.00	-40.00	0.00012
150.00	-50.00	0.00012	150.00	-60.00	0.00012
150.00	-70.00	0.00011	150.00	-80.00	0.00011
150.00	-90.00	0.00011	150.00	-100.00	0.00011
160.00	100.00	0.00021	160.00	90.00	0.00021
160.00	80.00	0.00020	160.00	70.00	0.00020
160.00	60.00	0.00019	160.00	50.00	0.00019
160.00	40.00	0.00019	160.00	30.00	0.00018
160.00	25.00	0.00018	160.00	20.00	0.00018
160.00	17.00	0.00018	160.00	15.00	0.00017

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

160.00	13.00	0.00017	160.00	11.00	0.00017
160.00	9.00	0.00017	160.00	-9.00	0.00014
160.00	-11.00	0.00014	160.00	-13.00	0.00014
160.00	-15.00	0.00013	160.00	-17.00	0.00013
160.00	-20.00	0.00013	160.00	-25.00	0.00012
160.00	-30.00	0.00011	160.00	-40.00	0.00011
160.00	-50.00	0.00011	160.00	-60.00	0.00010
160.00	-70.00	0.00010	160.00	-80.00	0.00010
160.00	-90.00	0.00010	160.00	-100.00	0.00010
170.00	100.00	0.00019	170.00	90.00	0.00018
170.00	80.00	0.00018	170.00	70.00	0.00017
170.00	60.00	0.00017	170.00	50.00	0.00017
170.00	40.00	0.00016	170.00	30.00	0.00016
170.00	25.00	0.00016	170.00	20.00	0.00016
170.00	17.00	0.00016	170.00	15.00	0.00015
170.00	13.00	0.00015	170.00	11.00	0.00015
170.00	9.00	0.00015	170.00	-9.00	0.00013
170.00	-11.00	0.00013	170.00	-13.00	0.00012
170.00	-15.00	0.00012	170.00	-17.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 79

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00011	170.00	-25.00	0.00011
170.00	-30.00	0.00010	170.00	-40.00	0.00010
170.00	-50.00	0.00009	170.00	-60.00	0.00009
170.00	-70.00	0.00009	170.00	-80.00	0.00009
170.00	-90.00	0.00009	170.00	-100.00	0.00009
180.00	100.00	0.00016	180.00	90.00	0.00016
180.00	80.00	0.00016	180.00	70.00	0.00015
180.00	60.00	0.00015	180.00	50.00	0.00015
180.00	40.00	0.00015	180.00	30.00	0.00014
180.00	25.00	0.00014	180.00	20.00	0.00014
180.00	17.00	0.00014	180.00	15.00	0.00014
180.00	13.00	0.00014	180.00	11.00	0.00014
180.00	9.00	0.00013	180.00	-9.00	0.00012
180.00	-11.00	0.00011	180.00	-13.00	0.00011
180.00	-15.00	0.00011	180.00	-17.00	0.00011

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

180.00	-20.00	0.00010	180.00	-25.00	0.00010
180.00	-30.00	0.00009	180.00	-40.00	0.00009
180.00	-50.00	0.00009	180.00	-60.00	0.00008
180.00	-70.00	0.00008	180.00	-80.00	0.00008
180.00	-90.00	0.00008	180.00	-100.00	0.00008
190.00	100.00	0.00015	190.00	90.00	0.00014
190.00	80.00	0.00014	190.00	70.00	0.00014
190.00	60.00	0.00014	190.00	50.00	0.00013
190.00	40.00	0.00013	190.00	30.00	0.00013
190.00	25.00	0.00013	190.00	20.00	0.00013
190.00	17.00	0.00012	190.00	15.00	0.00012
190.00	13.00	0.00012	190.00	11.00	0.00012
190.00	9.00	0.00012	190.00	-9.00	0.00010
190.00	-11.00	0.00010	190.00	-13.00	0.00010
190.00	-15.00	0.00010	190.00	-17.00	0.00010
190.00	-20.00	0.00009	190.00	-25.00	0.00009
190.00	-30.00	0.00009	190.00	-40.00	0.00008
190.00	-50.00	0.00008	190.00	-60.00	0.00008
190.00	-70.00	0.00008	190.00	-80.00	0.00007
190.00	-90.00	0.00007	190.00	-100.00	0.00007
200.00	100.00	0.00013	200.00	90.00	0.00013
200.00	80.00	0.00013	200.00	70.00	0.00012
200.00	60.00	0.00012	200.00	50.00	0.00012
200.00	40.00	0.00012	200.00	30.00	0.00012
200.00	25.00	0.00012	200.00	20.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00011	200.00	15.00	0.00011
200.00	13.00	0.00011	200.00	11.00	0.00011
200.00	9.00	0.00011	200.00	-9.00	0.00010
200.00	-11.00	0.00009	200.00	-13.00	0.00009
200.00	-15.00	0.00009	200.00	-17.00	0.00009
200.00	-20.00	0.00009	200.00	-25.00	0.00008
200.00	-30.00	0.00008	200.00	-40.00	0.00007
200.00	-50.00	0.00007	200.00	-60.00	0.00007
200.00	-70.00	0.00007	200.00	-80.00	0.00007

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

200.00	-90.00	0.00007	200.00	-100.00	0.00006
210.00	100.00	0.00012	210.00	90.00	0.00012
210.00	80.00	0.00011	210.00	70.00	0.00011
210.00	60.00	0.00011	210.00	50.00	0.00011
210.00	40.00	0.00011	210.00	30.00	0.00011
210.00	25.00	0.00011	210.00	20.00	0.00010
210.00	17.00	0.00010	210.00	15.00	0.00010
210.00	13.00	0.00010	210.00	11.00	0.00010
210.00	9.00	0.00010	210.00	-9.00	0.00009
210.00	-11.00	0.00009	210.00	-13.00	0.00008
210.00	-15.00	0.00008	210.00	-17.00	0.00008
210.00	-20.00	0.00008	210.00	-25.00	0.00008
210.00	-30.00	0.00007	210.00	-40.00	0.00007
210.00	-50.00	0.00007	210.00	-60.00	0.00006
210.00	-70.00	0.00006	210.00	-80.00	0.00006
210.00	-90.00	0.00006	210.00	-100.00	0.00006
220.00	100.00	0.00011	220.00	90.00	0.00011
220.00	80.00	0.00010	220.00	70.00	0.00010
220.00	60.00	0.00010	220.00	50.00	0.00010
220.00	40.00	0.00010	220.00	30.00	0.00010
220.00	25.00	0.00010	220.00	20.00	0.00009
220.00	17.00	0.00009	220.00	15.00	0.00009
220.00	13.00	0.00009	220.00	11.00	0.00009
220.00	9.00	0.00009	220.00	-9.00	0.00008
220.00	-11.00	0.00008	220.00	-13.00	0.00008
220.00	-15.00	0.00008	220.00	-17.00	0.00008
220.00	-20.00	0.00007	220.00	-25.00	0.00007
220.00	-30.00	0.00007	220.00	-40.00	0.00006
220.00	-50.00	0.00006	220.00	-60.00	0.00006
220.00	-70.00	0.00006	220.00	-80.00	0.00006
220.00	-90.00	0.00006	220.00	-100.00	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00010	230.00	90.00	0.00010
230.00	80.00	0.00009	230.00	70.00	0.00009
230.00	60.00	0.00009	230.00	50.00	0.00009

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

230.00	40.00	0.00009	230.00	30.00	0.00009
230.00	25.00	0.00009	230.00	20.00	0.00009
230.00	17.00	0.00009	230.00	15.00	0.00008
230.00	13.00	0.00008	230.00	11.00	0.00008
230.00	9.00	0.00008	230.00	-9.00	0.00007
230.00	-11.00	0.00007	230.00	-13.00	0.00007
230.00	-15.00	0.00007	230.00	-17.00	0.00007
230.00	-20.00	0.00007	230.00	-25.00	0.00007
230.00	-30.00	0.00006	230.00	-40.00	0.00006
230.00	-50.00	0.00006	230.00	-60.00	0.00005
230.00	-70.00	0.00005	230.00	-80.00	0.00005
230.00	-90.00	0.00005	230.00	-100.00	0.00005
240.00	100.00	0.00009	240.00	90.00	0.00009
240.00	80.00	0.00009	240.00	70.00	0.00009
240.00	60.00	0.00008	240.00	50.00	0.00008
240.00	40.00	0.00008	240.00	30.00	0.00008
240.00	25.00	0.00008	240.00	20.00	0.00008
240.00	17.00	0.00008	240.00	15.00	0.00008
240.00	13.00	0.00008	240.00	11.00	0.00008
240.00	9.00	0.00008	240.00	-9.00	0.00007
240.00	-11.00	0.00007	240.00	-13.00	0.00007
240.00	-15.00	0.00007	240.00	-17.00	0.00006
240.00	-20.00	0.00006	240.00	-25.00	0.00006
240.00	-30.00	0.00006	240.00	-40.00	0.00005
240.00	-50.00	0.00005	240.00	-60.00	0.00005
240.00	-70.00	0.00005	240.00	-80.00	0.00005
240.00	-90.00	0.00005	240.00	-100.00	0.00005
250.00	100.00	0.00008	250.00	90.00	0.00008
250.00	80.00	0.00008	250.00	70.00	0.00008
250.00	60.00	0.00008	250.00	50.00	0.00008
250.00	40.00	0.00008	250.00	30.00	0.00008
250.00	25.00	0.00007	250.00	20.00	0.00007
250.00	17.00	0.00007	250.00	15.00	0.00007
250.00	13.00	0.00007	250.00	11.00	0.00007
250.00	9.00	0.00007	250.00	-9.00	0.00006
250.00	-11.00	0.00006	250.00	-13.00	0.00006
250.00	-15.00	0.00006	250.00	-17.00	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:
 PAGE 82

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

10NCRA_NAPA01-300 DPM TRAV ANN E-W Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00006	250.00	-25.00	0.00006
250.00	-30.00	0.00005	250.00	-40.00	0.00005
250.00	-50.00	0.00005	250.00	-60.00	0.00005
250.00	-70.00	0.00005	250.00	-80.00	0.00005
250.00	-90.00	0.00004	250.00	-100.00	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 83
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00018	-250.00	90.00	0.00018
-250.00	80.00	0.00019	-250.00	70.00	0.00020
-250.00	60.00	0.00022	-250.00	50.00	0.00023
-250.00	40.00	0.00025	-250.00	30.00	0.00027
-250.00	25.00	0.00029	-250.00	20.00	0.00030
-250.00	17.00	0.00031	-250.00	15.00	0.00032
-250.00	13.00	0.00033	-250.00	11.00	0.00034
-250.00	9.00	0.00034	-250.00	-9.00	0.00040
-250.00	-11.00	0.00041	-250.00	-13.00	0.00042
-250.00	-15.00	0.00043	-250.00	-17.00	0.00043
-250.00	-20.00	0.00045	-250.00	-25.00	0.00047
-250.00	-30.00	0.00050	-250.00	-40.00	0.00054
-250.00	-50.00	0.00059	-250.00	-60.00	0.00063
-250.00	-70.00	0.00065	-250.00	-80.00	0.00065
-250.00	-90.00	0.00064	-250.00	-100.00	0.00061
-240.00	100.00	0.00019	-240.00	90.00	0.00020
-240.00	80.00	0.00021	-240.00	70.00	0.00022
-240.00	60.00	0.00024	-240.00	50.00	0.00025
-240.00	40.00	0.00027	-240.00	30.00	0.00030
-240.00	25.00	0.00032	-240.00	20.00	0.00034
-240.00	17.00	0.00035	-240.00	15.00	0.00036
-240.00	13.00	0.00037	-240.00	11.00	0.00037
-240.00	9.00	0.00038	-240.00	-9.00	0.00045
-240.00	-11.00	0.00046	-240.00	-13.00	0.00047
-240.00	-15.00	0.00049	-240.00	-17.00	0.00050
-240.00	-20.00	0.00051	-240.00	-25.00	0.00054

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-240.00	-30.00	0.00057	-240.00	-40.00	0.00063
-240.00	-50.00	0.00068	-240.00	-60.00	0.00072
-240.00	-70.00	0.00074	-240.00	-80.00	0.00073
-240.00	-90.00	0.00070	-240.00	-100.00	0.00066
-230.00	100.00	0.00021	-230.00	90.00	0.00022
-230.00	80.00	0.00023	-230.00	70.00	0.00025
-230.00	60.00	0.00026	-230.00	50.00	0.00028
-230.00	40.00	0.00030	-230.00	30.00	0.00033
-230.00	25.00	0.00035	-230.00	20.00	0.00037
-230.00	17.00	0.00039	-230.00	15.00	0.00040
-230.00	13.00	0.00041	-230.00	11.00	0.00042
-230.00	9.00	0.00043	-230.00	-9.00	0.00052
-230.00	-11.00	0.00053	-230.00	-13.00	0.00054
-230.00	-15.00	0.00056	-230.00	-17.00	0.00057

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:

PAGE 84

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00059	-230.00	-25.00	0.00063
-230.00	-30.00	0.00066	-230.00	-40.00	0.00073
-230.00	-50.00	0.00080	-230.00	-60.00	0.00083
-230.00	-70.00	0.00083	-230.00	-80.00	0.00080
-230.00	-90.00	0.00076	-230.00	-100.00	0.00072
-220.00	100.00	0.00023	-220.00	90.00	0.00024
-220.00	80.00	0.00026	-220.00	70.00	0.00027
-220.00	60.00	0.00029	-220.00	50.00	0.00031
-220.00	40.00	0.00033	-220.00	30.00	0.00037
-220.00	25.00	0.00039	-220.00	20.00	0.00042
-220.00	17.00	0.00044	-220.00	15.00	0.00045
-220.00	13.00	0.00046	-220.00	11.00	0.00047
-220.00	9.00	0.00049	-220.00	-9.00	0.00060
-220.00	-11.00	0.00062	-220.00	-13.00	0.00063
-220.00	-15.00	0.00065	-220.00	-17.00	0.00067
-220.00	-20.00	0.00069	-220.00	-25.00	0.00074
-220.00	-30.00	0.00078	-220.00	-40.00	0.00087
-220.00	-50.00	0.00093	-220.00	-60.00	0.00095
-220.00	-70.00	0.00093	-220.00	-80.00	0.00089
-220.00	-90.00	0.00083	-220.00	-100.00	0.00077

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-210.00	100.00	0.00025	-210.00	90.00	0.00027
-210.00	80.00	0.00028	-210.00	70.00	0.00030
-210.00	60.00	0.00033	-210.00	50.00	0.00035
-210.00	40.00	0.00038	-210.00	30.00	0.00041
-210.00	25.00	0.00044	-210.00	20.00	0.00047
-210.00	17.00	0.00049	-210.00	15.00	0.00051
-210.00	13.00	0.00052	-210.00	11.00	0.00054
-210.00	9.00	0.00055	-210.00	-9.00	0.00070
-210.00	-11.00	0.00072	-210.00	-13.00	0.00074
-210.00	-15.00	0.00076	-210.00	-17.00	0.00079
-210.00	-20.00	0.00082	-210.00	-25.00	0.00088
-210.00	-30.00	0.00094	-210.00	-40.00	0.00104
-210.00	-50.00	0.00109	-210.00	-60.00	0.00109
-210.00	-70.00	0.00104	-210.00	-80.00	0.00098
-210.00	-90.00	0.00091	-210.00	-100.00	0.00083
-200.00	100.00	0.00028	-200.00	90.00	0.00030
-200.00	80.00	0.00032	-200.00	70.00	0.00034
-200.00	60.00	0.00037	-200.00	50.00	0.00039
-200.00	40.00	0.00043	-200.00	30.00	0.00047
-200.00	25.00	0.00049	-200.00	20.00	0.00053

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTS:
 PAGE 85
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00055	-200.00	15.00	0.00057
-200.00	13.00	0.00059	-200.00	11.00	0.00061
-200.00	9.00	0.00063	-200.00	-9.00	0.00083
-200.00	-11.00	0.00085	-200.00	-13.00	0.00088
-200.00	-15.00	0.00091	-200.00	-17.00	0.00094
-200.00	-20.00	0.00099	-200.00	-25.00	0.00106
-200.00	-30.00	0.00114	-200.00	-40.00	0.00124
-200.00	-50.00	0.00127	-200.00	-60.00	0.00124
-200.00	-70.00	0.00116	-200.00	-80.00	0.00107
-200.00	-90.00	0.00099	-200.00	-100.00	0.00090
-190.00	100.00	0.00033	-190.00	90.00	0.00034
-190.00	80.00	0.00036	-190.00	70.00	0.00038
-190.00	60.00	0.00041	-190.00	50.00	0.00045
-190.00	40.00	0.00049	-190.00	30.00	0.00053

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-190.00	25.00	0.00056	-190.00	20.00	0.00060
-190.00	17.00	0.00063	-190.00	15.00	0.00065
-190.00	13.00	0.00068	-190.00	11.00	0.00070
-190.00	9.00	0.00073	-190.00	-9.00	0.00099
-190.00	-11.00	0.00103	-190.00	-13.00	0.00107
-190.00	-15.00	0.00111	-190.00	-17.00	0.00115
-190.00	-20.00	0.00121	-190.00	-25.00	0.00131
-190.00	-30.00	0.00140	-190.00	-40.00	0.00149
-190.00	-50.00	0.00148	-190.00	-60.00	0.00140
-190.00	-70.00	0.00129	-190.00	-80.00	0.00118
-190.00	-90.00	0.00107	-190.00	-100.00	0.00097
-180.00	100.00	0.00040	-180.00	90.00	0.00041
-180.00	80.00	0.00043	-180.00	70.00	0.00045
-180.00	60.00	0.00048	-180.00	50.00	0.00051
-180.00	40.00	0.00056	-180.00	30.00	0.00061
-180.00	25.00	0.00065	-180.00	20.00	0.00069
-180.00	17.00	0.00072	-180.00	15.00	0.00075
-180.00	13.00	0.00078	-180.00	11.00	0.00081
-180.00	9.00	0.00085	-180.00	-9.00	0.00121
-180.00	-11.00	0.00126	-180.00	-13.00	0.00132
-180.00	-15.00	0.00138	-180.00	-17.00	0.00143
-180.00	-20.00	0.00152	-180.00	-25.00	0.00165
-180.00	-30.00	0.00173	-180.00	-40.00	0.00177
-180.00	-50.00	0.00170	-180.00	-60.00	0.00157
-180.00	-70.00	0.00143	-180.00	-80.00	0.00129
-180.00	-90.00	0.00116	-180.00	-100.00	0.00104

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTS:
 PAGE 86

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00051	-170.00	90.00	0.00052
-170.00	80.00	0.00053	-170.00	70.00	0.00055
-170.00	60.00	0.00057	-170.00	50.00	0.00060
-170.00	40.00	0.00065	-170.00	30.00	0.00071
-170.00	25.00	0.00075	-170.00	20.00	0.00080
-170.00	17.00	0.00084	-170.00	15.00	0.00087
-170.00	13.00	0.00090	-170.00	11.00	0.00094
-170.00	9.00	0.00098	-170.00	-9.00	0.00151

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-170.00	-11.00	0.00159	-170.00	-13.00	0.00167
-170.00	-15.00	0.00176	-170.00	-17.00	0.00184
-170.00	-20.00	0.00194	-170.00	-25.00	0.00207
-170.00	-30.00	0.00212	-170.00	-40.00	0.00208
-170.00	-50.00	0.00195	-170.00	-60.00	0.00177
-170.00	-70.00	0.00158	-170.00	-80.00	0.00141
-170.00	-90.00	0.00125	-170.00	-100.00	0.00112
-160.00	100.00	0.00066	-160.00	90.00	0.00069
-160.00	80.00	0.00071	-160.00	70.00	0.00073
-160.00	60.00	0.00075	-160.00	50.00	0.00077
-160.00	40.00	0.00079	-160.00	30.00	0.00084
-160.00	25.00	0.00089	-160.00	20.00	0.00094
-160.00	17.00	0.00098	-160.00	15.00	0.00101
-160.00	13.00	0.00105	-160.00	11.00	0.00109
-160.00	9.00	0.00114	-160.00	-9.00	0.00194
-160.00	-11.00	0.00207	-160.00	-13.00	0.00219
-160.00	-15.00	0.00230	-160.00	-17.00	0.00239
-160.00	-20.00	0.00249	-160.00	-25.00	0.00256
-160.00	-30.00	0.00256	-160.00	-40.00	0.00243
-160.00	-50.00	0.00222	-160.00	-60.00	0.00197
-160.00	-70.00	0.00174	-160.00	-80.00	0.00152
-160.00	-90.00	0.00134	-160.00	-100.00	0.00118
-150.00	100.00	0.00087	-150.00	90.00	0.00093
-150.00	80.00	0.00099	-150.00	70.00	0.00104
-150.00	60.00	0.00109	-150.00	50.00	0.00111
-150.00	40.00	0.00112	-150.00	30.00	0.00111
-150.00	25.00	0.00111	-150.00	20.00	0.00114
-150.00	17.00	0.00117	-150.00	15.00	0.00121
-150.00	13.00	0.00124	-150.00	11.00	0.00129
-150.00	9.00	0.00135	-150.00	-9.00	0.00263
-150.00	-11.00	0.00279	-150.00	-13.00	0.00291
-150.00	-15.00	0.00300	-150.00	-17.00	0.00306

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTS:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00311	-150.00	-25.00	0.00311
-150.00	-30.00	0.00305	-150.00	-40.00	0.00281

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-150.00	-50.00	0.00249	-150.00	-60.00	0.00217
-150.00	-70.00	0.00188	-150.00	-80.00	0.00163
-150.00	-90.00	0.00142	-150.00	-100.00	0.00124
-140.00	100.00	0.00112	-140.00	90.00	0.00122
-140.00	80.00	0.00133	-140.00	70.00	0.00146
-140.00	60.00	0.00160	-140.00	50.00	0.00175
-140.00	40.00	0.00187	-140.00	30.00	0.00193
-140.00	25.00	0.00192	-140.00	20.00	0.00187
-140.00	17.00	0.00181	-140.00	15.00	0.00178
-140.00	13.00	0.00175	-140.00	11.00	0.00174
-140.00	9.00	0.00176	-140.00	-9.00	0.00369
-140.00	-11.00	0.00377	-140.00	-13.00	0.00382
-140.00	-15.00	0.00384	-140.00	-17.00	0.00384
-140.00	-20.00	0.00382	-140.00	-25.00	0.00371
-140.00	-30.00	0.00356	-140.00	-40.00	0.00316
-140.00	-50.00	0.00273	-140.00	-60.00	0.00233
-140.00	-70.00	0.00199	-140.00	-80.00	0.00171
-140.00	-90.00	0.00147	-140.00	-100.00	0.00128
-130.00	100.00	0.00135	-130.00	90.00	0.00151
-130.00	80.00	0.00169	-130.00	70.00	0.00190
-130.00	60.00	0.00216	-130.00	50.00	0.00247
-130.00	40.00	0.00283	-130.00	30.00	0.00323
-130.00	25.00	0.00345	-130.00	20.00	0.00366
-130.00	17.00	0.00379	-130.00	15.00	0.00388
-130.00	13.00	0.00397	-130.00	11.00	0.00408
-130.00	9.00	0.00422	-130.00	-9.00	0.00473
-130.00	-11.00	0.00466	-130.00	-13.00	0.00460
-130.00	-15.00	0.00455	-130.00	-17.00	0.00449
-130.00	-20.00	0.00438	-130.00	-25.00	0.00417
-130.00	-30.00	0.00393	-130.00	-40.00	0.00340
-130.00	-50.00	0.00288	-130.00	-60.00	0.00243
-130.00	-70.00	0.00205	-130.00	-80.00	0.00175
-130.00	-90.00	0.00150	-130.00	-100.00	0.00130
-120.00	100.00	0.00156	-120.00	90.00	0.00176
-120.00	80.00	0.00199	-120.00	70.00	0.00227
-120.00	60.00	0.00262	-120.00	50.00	0.00304
-120.00	40.00	0.00354	-120.00	30.00	0.00412
-120.00	25.00	0.00442	-120.00	20.00	0.00470

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTS:
 PAGE 88

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4 ***

10NCRA NAPA01-300_DPM_TRAV ANN E-W Bound
 INCLUDING SOURCE(S) : NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00484	-120.00	15.00	0.00492
-120.00	13.00	0.00498	-120.00	11.00	0.00504
-120.00	9.00	0.00510	-120.00	-9.00	0.00488
-120.00	-11.00	0.00481	-120.00	-13.00	0.00475
-120.00	-15.00	0.00469	-120.00	-17.00	0.00462
-120.00	-20.00	0.00451	-120.00	-25.00	0.00428
-120.00	-30.00	0.00402	-120.00	-40.00	0.00345
-120.00	-50.00	0.00290	-120.00	-60.00	0.00244
-120.00	-70.00	0.00206	-120.00	-80.00	0.00175
-120.00	-90.00	0.00149	-120.00	-100.00	0.00129
-110.00	100.00	0.00173	-110.00	90.00	0.00196
-110.00	80.00	0.00223	-110.00	70.00	0.00256
-110.00	60.00	0.00296	-110.00	50.00	0.00343
-110.00	40.00	0.00399	-110.00	30.00	0.00460
-110.00	25.00	0.00490	-110.00	20.00	0.00516
-110.00	17.00	0.00527	-110.00	15.00	0.00531
-110.00	13.00	0.00534	-110.00	11.00	0.00536
-110.00	9.00	0.00538	-110.00	-9.00	0.00488
-110.00	-11.00	0.00480	-110.00	-13.00	0.00473
-110.00	-15.00	0.00466	-110.00	-17.00	0.00459
-110.00	-20.00	0.00446	-110.00	-25.00	0.00421
-110.00	-30.00	0.00393	-110.00	-40.00	0.00334
-110.00	-50.00	0.00280	-110.00	-60.00	0.00236
-110.00	-70.00	0.00199	-110.00	-80.00	0.00169
-110.00	-90.00	0.00144	-110.00	-100.00	0.00124
-100.00	100.00	0.00185	-100.00	90.00	0.00211
-100.00	80.00	0.00241	-100.00	70.00	0.00276
-100.00	60.00	0.00318	-100.00	50.00	0.00368
-100.00	40.00	0.00425	-100.00	30.00	0.00486
-100.00	25.00	0.00513	-100.00	20.00	0.00535
-100.00	17.00	0.00543	-100.00	15.00	0.00546
-100.00	13.00	0.00548	-100.00	11.00	0.00547
-100.00	9.00	0.00547	-100.00	-9.00	0.00479
-100.00	-11.00	0.00470	-100.00	-13.00	0.00462
-100.00	-15.00	0.00453	-100.00	-17.00	0.00445
-100.00	-20.00	0.00430	-100.00	-25.00	0.00403
-100.00	-30.00	0.00373	-100.00	-40.00	0.00313
-100.00	-50.00	0.00263	-100.00	-60.00	0.00221
-100.00	-70.00	0.00187	-100.00	-80.00	0.00159
-100.00	-90.00	0.00136	-100.00	-100.00	0.00117

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:36:35

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00192	-90.00	90.00	0.00219
-90.00	80.00	0.00251	-90.00	70.00	0.00288
-90.00	60.00	0.00331	-90.00	50.00	0.00382
-90.00	40.00	0.00439	-90.00	30.00	0.00496
-90.00	25.00	0.00522	-90.00	20.00	0.00541
-90.00	17.00	0.00548	-90.00	15.00	0.00550
-90.00	13.00	0.00550	-90.00	11.00	0.00549
-90.00	9.00	0.00547	-90.00	-9.00	0.00462
-90.00	-11.00	0.00450	-90.00	-13.00	0.00440
-90.00	-15.00	0.00430	-90.00	-17.00	0.00419
-90.00	-20.00	0.00402	-90.00	-25.00	0.00372
-90.00	-30.00	0.00342	-90.00	-40.00	0.00287
-90.00	-50.00	0.00240	-90.00	-60.00	0.00202
-90.00	-70.00	0.00171	-90.00	-80.00	0.00145
-90.00	-90.00	0.00124	-90.00	-100.00	0.00107
-80.00	100.00	0.00192	-80.00	90.00	0.00220
-80.00	80.00	0.00252	-80.00	70.00	0.00291
-80.00	60.00	0.00336	-80.00	50.00	0.00387
-80.00	40.00	0.00443	-80.00	30.00	0.00498
-80.00	25.00	0.00521	-80.00	20.00	0.00539
-80.00	17.00	0.00546	-80.00	15.00	0.00547
-80.00	13.00	0.00546	-80.00	11.00	0.00544
-80.00	9.00	0.00541	-80.00	-9.00	0.00434
-80.00	-11.00	0.00419	-80.00	-13.00	0.00405
-80.00	-15.00	0.00392	-80.00	-17.00	0.00379
-80.00	-20.00	0.00360	-80.00	-25.00	0.00329
-80.00	-30.00	0.00301	-80.00	-40.00	0.00254
-80.00	-50.00	0.00213	-80.00	-60.00	0.00179
-80.00	-70.00	0.00151	-80.00	-80.00	0.00128
-80.00	-90.00	0.00110	-80.00	-100.00	0.00095
-70.00	100.00	0.00184	-70.00	90.00	0.00211
-70.00	80.00	0.00244	-70.00	70.00	0.00282
-70.00	60.00	0.00328	-70.00	50.00	0.00380
-70.00	40.00	0.00437	-70.00	30.00	0.00491

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-70.00	25.00	0.00514	-70.00	20.00	0.00531
-70.00	17.00	0.00536	-70.00	15.00	0.00537
-70.00	13.00	0.00535	-70.00	11.00	0.00532
-70.00	9.00	0.00528	-70.00	-9.00	0.00390
-70.00	-11.00	0.00370	-70.00	-13.00	0.00352
-70.00	-15.00	0.00337	-70.00	-17.00	0.00322

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00303	-70.00	-25.00	0.00276
-70.00	-30.00	0.00254	-70.00	-40.00	0.00214
-70.00	-50.00	0.00180	-70.00	-60.00	0.00152
-70.00	-70.00	0.00129	-70.00	-80.00	0.00110
-70.00	-90.00	0.00095	-70.00	-100.00	0.00083
-60.00	100.00	0.00170	-60.00	90.00	0.00194
-60.00	80.00	0.00223	-60.00	70.00	0.00258
-60.00	60.00	0.00301	-60.00	50.00	0.00351
-60.00	40.00	0.00408	-60.00	30.00	0.00468
-60.00	25.00	0.00495	-60.00	20.00	0.00514
-60.00	17.00	0.00519	-60.00	15.00	0.00519
-60.00	13.00	0.00517	-60.00	11.00	0.00513
-60.00	9.00	0.00508	-60.00	-9.00	0.00319
-60.00	-11.00	0.00295	-60.00	-13.00	0.00277
-60.00	-15.00	0.00262	-60.00	-17.00	0.00250
-60.00	-20.00	0.00236	-60.00	-25.00	0.00216
-60.00	-30.00	0.00198	-60.00	-40.00	0.00169
-60.00	-50.00	0.00144	-60.00	-60.00	0.00123
-60.00	-70.00	0.00106	-60.00	-80.00	0.00092
-60.00	-90.00	0.00080	-60.00	-100.00	0.00070
-50.00	100.00	0.00150	-50.00	90.00	0.00170
-50.00	80.00	0.00193	-50.00	70.00	0.00220
-50.00	60.00	0.00253	-50.00	50.00	0.00291
-50.00	40.00	0.00335	-50.00	30.00	0.00387
-50.00	25.00	0.00415	-50.00	20.00	0.00441
-50.00	17.00	0.00454	-50.00	15.00	0.00461
-50.00	13.00	0.00466	-50.00	11.00	0.00468
-50.00	9.00	0.00467	-50.00	-9.00	0.00207

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-50.00	-11.00	0.00191	-50.00	-13.00	0.00180
-50.00	-15.00	0.00171	-50.00	-17.00	0.00165
-50.00	-20.00	0.00157	-50.00	-25.00	0.00147
-50.00	-30.00	0.00138	-50.00	-40.00	0.00122
-50.00	-50.00	0.00108	-50.00	-60.00	0.00095
-50.00	-70.00	0.00084	-50.00	-80.00	0.00074
-50.00	-90.00	0.00066	-50.00	-100.00	0.00059
-40.00	100.00	0.00129	-40.00	90.00	0.00144
-40.00	80.00	0.00160	-40.00	70.00	0.00179
-40.00	60.00	0.00198	-40.00	50.00	0.00219
-40.00	40.00	0.00240	-40.00	30.00	0.00256
-40.00	25.00	0.00261	-40.00	20.00	0.00259

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

17:36:35

**MODELOPTs:

PAGE 91

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00255	-40.00	15.00	0.00249
-40.00	13.00	0.00241	-40.00	11.00	0.00230
-40.00	9.00	0.00217	-40.00	-9.00	0.00096
-40.00	-11.00	0.00094	-40.00	-13.00	0.00093
-40.00	-15.00	0.00092	-40.00	-17.00	0.00091
-40.00	-20.00	0.00090	-40.00	-25.00	0.00089
-40.00	-30.00	0.00088	-40.00	-40.00	0.00083
-40.00	-50.00	0.00077	-40.00	-60.00	0.00071
-40.00	-70.00	0.00065	-40.00	-80.00	0.00059
-40.00	-90.00	0.00053	-40.00	-100.00	0.00048
-30.00	100.00	0.00110	-30.00	90.00	0.00120
-30.00	80.00	0.00131	-30.00	70.00	0.00142
-30.00	60.00	0.00152	-30.00	50.00	0.00161
-30.00	40.00	0.00166	-30.00	30.00	0.00165
-30.00	25.00	0.00160	-30.00	20.00	0.00152
-30.00	17.00	0.00145	-30.00	15.00	0.00140
-30.00	13.00	0.00134	-30.00	11.00	0.00128
-30.00	9.00	0.00122	-30.00	-9.00	0.00070
-30.00	-11.00	0.00068	-30.00	-13.00	0.00066
-30.00	-15.00	0.00065	-30.00	-17.00	0.00065
-30.00	-20.00	0.00064	-30.00	-25.00	0.00063
-30.00	-30.00	0.00061	-30.00	-40.00	0.00059

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-30.00	-50.00	0.00056	-30.00	-60.00	0.00053
-30.00	-70.00	0.00050	-30.00	-80.00	0.00046
-30.00	-90.00	0.00043	-30.00	-100.00	0.00039
-20.00	100.00	0.00093	-20.00	90.00	0.00099
-20.00	80.00	0.00106	-20.00	70.00	0.00111
-20.00	60.00	0.00116	-20.00	50.00	0.00119
-20.00	40.00	0.00118	-20.00	30.00	0.00112
-20.00	25.00	0.00107	-20.00	20.00	0.00100
-20.00	17.00	0.00097	-20.00	15.00	0.00094
-20.00	13.00	0.00092	-20.00	11.00	0.00089
-20.00	9.00	0.00086	-20.00	-9.00	0.00055
-20.00	-11.00	0.00053	-20.00	-13.00	0.00052
-20.00	-15.00	0.00051	-20.00	-17.00	0.00050
-20.00	-20.00	0.00049	-20.00	-25.00	0.00048
-20.00	-30.00	0.00048	-20.00	-40.00	0.00046
-20.00	-50.00	0.00044	-20.00	-60.00	0.00041
-20.00	-70.00	0.00039	-20.00	-80.00	0.00037
-20.00	-90.00	0.00035	-20.00	-100.00	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00078	-10.00	90.00	0.00082
-10.00	80.00	0.00085	-10.00	70.00	0.00088
-10.00	60.00	0.00090	-10.00	50.00	0.00090
-10.00	40.00	0.00087	-10.00	30.00	0.00080
-10.00	25.00	0.00077	-10.00	20.00	0.00073
-10.00	17.00	0.00071	-10.00	15.00	0.00070
-10.00	13.00	0.00069	-10.00	11.00	0.00067
-10.00	9.00	0.00066	-10.00	-9.00	0.00045
-10.00	-11.00	0.00044	-10.00	-13.00	0.00042
-10.00	-15.00	0.00041	-10.00	-17.00	0.00040
-10.00	-20.00	0.00039	-10.00	-25.00	0.00038
-10.00	-30.00	0.00038	-10.00	-40.00	0.00037
-10.00	-50.00	0.00036	-10.00	-60.00	0.00034
-10.00	-70.00	0.00032	-10.00	-80.00	0.00030
-10.00	-90.00	0.00029	-10.00	-100.00	0.00027
0.00	100.00	0.00065	0.00	90.00	0.00068

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

0.00	80.00	0.00069	0.00	70.00	0.00070
0.00	60.00	0.00070	0.00	50.00	0.00069
0.00	40.00	0.00065	0.00	30.00	0.00061
0.00	25.00	0.00059	0.00	20.00	0.00057
0.00	17.00	0.00056	0.00	15.00	0.00055
0.00	13.00	0.00054	0.00	11.00	0.00053
0.00	9.00	0.00052	0.00	-9.00	0.00038
0.00	-11.00	0.00036	0.00	-13.00	0.00035
0.00	-15.00	0.00034	0.00	-17.00	0.00033
0.00	-20.00	0.00032	0.00	-25.00	0.00031
0.00	-30.00	0.00031	0.00	-40.00	0.00030
0.00	-50.00	0.00030	0.00	-60.00	0.00029
0.00	-70.00	0.00027	0.00	-80.00	0.00026
0.00	-90.00	0.00024	0.00	-100.00	0.00023
10.00	100.00	0.00055	10.00	90.00	0.00056
10.00	80.00	0.00057	10.00	70.00	0.00057
10.00	60.00	0.00056	10.00	50.00	0.00053
10.00	40.00	0.00051	10.00	30.00	0.00048
10.00	25.00	0.00047	10.00	20.00	0.00046
10.00	17.00	0.00045	10.00	15.00	0.00044
10.00	13.00	0.00044	10.00	11.00	0.00043
10.00	9.00	0.00042	10.00	-9.00	0.00032
10.00	-11.00	0.00031	10.00	-13.00	0.00030
10.00	-15.00	0.00029	10.00	-17.00	0.00028

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 93
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00027	10.00	-25.00	0.00026
10.00	-30.00	0.00026	10.00	-40.00	0.00025
10.00	-50.00	0.00025	10.00	-60.00	0.00024
10.00	-70.00	0.00023	10.00	-80.00	0.00022
10.00	-90.00	0.00021	10.00	-100.00	0.00020
20.00	100.00	0.00047	20.00	90.00	0.00047
20.00	80.00	0.00047	20.00	70.00	0.00046
20.00	60.00	0.00045	20.00	50.00	0.00043
20.00	40.00	0.00041	20.00	30.00	0.00039
20.00	25.00	0.00038	20.00	20.00	0.00038

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

20.00	17.00	0.00037	20.00	15.00	0.00037
20.00	13.00	0.00036	20.00	11.00	0.00036
20.00	9.00	0.00035	20.00	-9.00	0.00027
20.00	-11.00	0.00026	20.00	-13.00	0.00026
20.00	-15.00	0.00025	20.00	-17.00	0.00024
20.00	-20.00	0.00023	20.00	-25.00	0.00022
20.00	-30.00	0.00022	20.00	-40.00	0.00021
20.00	-50.00	0.00021	20.00	-60.00	0.00020
20.00	-70.00	0.00020	20.00	-80.00	0.00019
20.00	-90.00	0.00019	20.00	-100.00	0.00018
30.00	100.00	0.00040	30.00	90.00	0.00040
30.00	80.00	0.00039	30.00	70.00	0.00038
30.00	60.00	0.00036	30.00	50.00	0.00035
30.00	40.00	0.00034	30.00	30.00	0.00033
30.00	25.00	0.00032	30.00	20.00	0.00032
30.00	17.00	0.00031	30.00	15.00	0.00031
30.00	13.00	0.00031	30.00	11.00	0.00030
30.00	9.00	0.00030	30.00	-9.00	0.00024
30.00	-11.00	0.00023	30.00	-13.00	0.00022
30.00	-15.00	0.00021	30.00	-17.00	0.00021
30.00	-20.00	0.00020	30.00	-25.00	0.00019
30.00	-30.00	0.00019	30.00	-40.00	0.00018
30.00	-50.00	0.00018	30.00	-60.00	0.00017
30.00	-70.00	0.00017	30.00	-80.00	0.00017
30.00	-90.00	0.00016	30.00	-100.00	0.00016
40.00	100.00	0.00034	40.00	90.00	0.00033
40.00	80.00	0.00033	40.00	70.00	0.00031
40.00	60.00	0.00030	40.00	50.00	0.00029
40.00	40.00	0.00029	40.00	30.00	0.00028
40.00	25.00	0.00027	40.00	20.00	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00027	40.00	15.00	0.00026
40.00	13.00	0.00026	40.00	11.00	0.00026
40.00	9.00	0.00025	40.00	-9.00	0.00021
40.00	-11.00	0.00020	40.00	-13.00	0.00019

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

40.00	-15.00	0.00019	40.00	-17.00	0.00018
40.00	-20.00	0.00018	40.00	-25.00	0.00017
40.00	-30.00	0.00016	40.00	-40.00	0.00016
40.00	-50.00	0.00015	40.00	-60.00	0.00015
40.00	-70.00	0.00015	40.00	-80.00	0.00015
40.00	-90.00	0.00014	40.00	-100.00	0.00014
50.00	100.00	0.00029	50.00	90.00	0.00028
50.00	80.00	0.00027	50.00	70.00	0.00027
50.00	60.00	0.00026	50.00	50.00	0.00025
50.00	40.00	0.00024	50.00	30.00	0.00024
50.00	25.00	0.00024	50.00	20.00	0.00023
50.00	17.00	0.00023	50.00	15.00	0.00023
50.00	13.00	0.00022	50.00	11.00	0.00022
50.00	9.00	0.00022	50.00	-9.00	0.00018
50.00	-11.00	0.00018	50.00	-13.00	0.00017
50.00	-15.00	0.00017	50.00	-17.00	0.00016
50.00	-20.00	0.00016	50.00	-25.00	0.00015
50.00	-30.00	0.00014	50.00	-40.00	0.00014
50.00	-50.00	0.00013	50.00	-60.00	0.00013
50.00	-70.00	0.00013	50.00	-80.00	0.00013
50.00	-90.00	0.00013	50.00	-100.00	0.00012
60.00	100.00	0.00025	60.00	90.00	0.00024
60.00	80.00	0.00023	60.00	70.00	0.00023
60.00	60.00	0.00022	60.00	50.00	0.00022
60.00	40.00	0.00021	60.00	30.00	0.00021
60.00	25.00	0.00021	60.00	20.00	0.00020
60.00	17.00	0.00020	60.00	15.00	0.00020
60.00	13.00	0.00020	60.00	11.00	0.00019
60.00	9.00	0.00019	60.00	-9.00	0.00016
60.00	-11.00	0.00016	60.00	-13.00	0.00015
60.00	-15.00	0.00015	60.00	-17.00	0.00014
60.00	-20.00	0.00014	60.00	-25.00	0.00013
60.00	-30.00	0.00013	60.00	-40.00	0.00012
60.00	-50.00	0.00012	60.00	-60.00	0.00012
60.00	-70.00	0.00011	60.00	-80.00	0.00011
60.00	-90.00	0.00011	60.00	-100.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00021	70.00	90.00	0.00021
70.00	80.00	0.00020	70.00	70.00	0.00020
70.00	60.00	0.00019	70.00	50.00	0.00019
70.00	40.00	0.00019	70.00	30.00	0.00018
70.00	25.00	0.00018	70.00	20.00	0.00018
70.00	17.00	0.00018	70.00	15.00	0.00017
70.00	13.00	0.00017	70.00	11.00	0.00017
70.00	9.00	0.00017	70.00	-9.00	0.00014
70.00	-11.00	0.00014	70.00	-13.00	0.00014
70.00	-15.00	0.00013	70.00	-17.00	0.00013
70.00	-20.00	0.00013	70.00	-25.00	0.00012
70.00	-30.00	0.00011	70.00	-40.00	0.00011
70.00	-50.00	0.00011	70.00	-60.00	0.00010
70.00	-70.00	0.00010	70.00	-80.00	0.00010
70.00	-90.00	0.00010	70.00	-100.00	0.00010
80.00	100.00	0.00019	80.00	90.00	0.00018
80.00	80.00	0.00018	80.00	70.00	0.00017
80.00	60.00	0.00017	80.00	50.00	0.00017
80.00	40.00	0.00016	80.00	30.00	0.00016
80.00	25.00	0.00016	80.00	20.00	0.00016
80.00	17.00	0.00016	80.00	15.00	0.00015
80.00	13.00	0.00015	80.00	11.00	0.00015
80.00	9.00	0.00015	80.00	-9.00	0.00013
80.00	-11.00	0.00013	80.00	-13.00	0.00012
80.00	-15.00	0.00012	80.00	-17.00	0.00012
80.00	-20.00	0.00011	80.00	-25.00	0.00011
80.00	-30.00	0.00010	80.00	-40.00	0.00010
80.00	-50.00	0.00009	80.00	-60.00	0.00009
80.00	-70.00	0.00009	80.00	-80.00	0.00009
80.00	-90.00	0.00009	80.00	-100.00	0.00009
90.00	100.00	0.00016	90.00	90.00	0.00016
90.00	80.00	0.00016	90.00	70.00	0.00015
90.00	60.00	0.00015	90.00	50.00	0.00015
90.00	40.00	0.00015	90.00	30.00	0.00014
90.00	25.00	0.00014	90.00	20.00	0.00014
90.00	17.00	0.00014	90.00	15.00	0.00014
90.00	13.00	0.00014	90.00	11.00	0.00014
90.00	9.00	0.00013	90.00	-9.00	0.00012
90.00	-11.00	0.00011	90.00	-13.00	0.00011
90.00	-15.00	0.00011	90.00	-17.00	0.00011

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00010	90.00	-25.00	0.00010
90.00	-30.00	0.00009	90.00	-40.00	0.00009
90.00	-50.00	0.00009	90.00	-60.00	0.00008
90.00	-70.00	0.00008	90.00	-80.00	0.00008
90.00	-90.00	0.00008	90.00	-100.00	0.00008
100.00	100.00	0.00015	100.00	90.00	0.00014
100.00	80.00	0.00014	100.00	70.00	0.00014
100.00	60.00	0.00014	100.00	50.00	0.00013
100.00	40.00	0.00013	100.00	30.00	0.00013
100.00	25.00	0.00013	100.00	20.00	0.00013
100.00	17.00	0.00012	100.00	15.00	0.00012
100.00	13.00	0.00012	100.00	11.00	0.00012
100.00	9.00	0.00012	100.00	-9.00	0.00010
100.00	-11.00	0.00010	100.00	-13.00	0.00010
100.00	-15.00	0.00010	100.00	-17.00	0.00010
100.00	-20.00	0.00009	100.00	-25.00	0.00009
100.00	-30.00	0.00009	100.00	-40.00	0.00008
100.00	-50.00	0.00008	100.00	-60.00	0.00008
100.00	-70.00	0.00008	100.00	-80.00	0.00007
100.00	-90.00	0.00007	100.00	-100.00	0.00007
110.00	100.00	0.00013	110.00	90.00	0.00013
110.00	80.00	0.00013	110.00	70.00	0.00012
110.00	60.00	0.00012	110.00	50.00	0.00012
110.00	40.00	0.00012	110.00	30.00	0.00012
110.00	25.00	0.00012	110.00	20.00	0.00011
110.00	17.00	0.00011	110.00	15.00	0.00011
110.00	13.00	0.00011	110.00	11.00	0.00011
110.00	9.00	0.00011	110.00	-9.00	0.00010
110.00	-11.00	0.00009	110.00	-13.00	0.00009
110.00	-15.00	0.00009	110.00	-17.00	0.00009
110.00	-20.00	0.00009	110.00	-25.00	0.00008
110.00	-30.00	0.00008	110.00	-40.00	0.00007
110.00	-50.00	0.00007	110.00	-60.00	0.00007
110.00	-70.00	0.00007	110.00	-80.00	0.00007
110.00	-90.00	0.00007	110.00	-100.00	0.00006
120.00	100.00	0.00012	120.00	90.00	0.00012

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

120.00	80.00	0.00011	120.00	70.00	0.00011
120.00	60.00	0.00011	120.00	50.00	0.00011
120.00	40.00	0.00011	120.00	30.00	0.00011
120.00	25.00	0.00011	120.00	20.00	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00010	120.00	15.00	0.00010
120.00	13.00	0.00010	120.00	11.00	0.00010
120.00	9.00	0.00010	120.00	-9.00	0.00009
120.00	-11.00	0.00009	120.00	-13.00	0.00008
120.00	-15.00	0.00008	120.00	-17.00	0.00008
120.00	-20.00	0.00008	120.00	-25.00	0.00008
120.00	-30.00	0.00007	120.00	-40.00	0.00007
120.00	-50.00	0.00007	120.00	-60.00	0.00006
120.00	-70.00	0.00006	120.00	-80.00	0.00006
120.00	-90.00	0.00006	120.00	-100.00	0.00006
130.00	100.00	0.00011	130.00	90.00	0.00011
130.00	80.00	0.00010	130.00	70.00	0.00010
130.00	60.00	0.00010	130.00	50.00	0.00010
130.00	40.00	0.00010	130.00	30.00	0.00010
130.00	25.00	0.00010	130.00	20.00	0.00009
130.00	17.00	0.00009	130.00	15.00	0.00009
130.00	13.00	0.00009	130.00	11.00	0.00009
130.00	9.00	0.00009	130.00	-9.00	0.00008
130.00	-11.00	0.00008	130.00	-13.00	0.00008
130.00	-15.00	0.00008	130.00	-17.00	0.00008
130.00	-20.00	0.00007	130.00	-25.00	0.00007
130.00	-30.00	0.00007	130.00	-40.00	0.00006
130.00	-50.00	0.00006	130.00	-60.00	0.00006
130.00	-70.00	0.00006	130.00	-80.00	0.00006
130.00	-90.00	0.00006	130.00	-100.00	0.00006
140.00	100.00	0.00010	140.00	90.00	0.00010
140.00	80.00	0.00009	140.00	70.00	0.00009
140.00	60.00	0.00009	140.00	50.00	0.00009
140.00	40.00	0.00009	140.00	30.00	0.00009
140.00	25.00	0.00009	140.00	20.00	0.00009

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

140.00	17.00	0.00009	140.00	15.00	0.00008
140.00	13.00	0.00008	140.00	11.00	0.00008
140.00	9.00	0.00008	140.00	-9.00	0.00007
140.00	-11.00	0.00007	140.00	-13.00	0.00007
140.00	-15.00	0.00007	140.00	-17.00	0.00007
140.00	-20.00	0.00007	140.00	-25.00	0.00007
140.00	-30.00	0.00006	140.00	-40.00	0.00006
140.00	-50.00	0.00006	140.00	-60.00	0.00005
140.00	-70.00	0.00005	140.00	-80.00	0.00005
140.00	-90.00	0.00005	140.00	-100.00	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00009	150.00	90.00	0.00009
150.00	80.00	0.00009	150.00	70.00	0.00009
150.00	60.00	0.00008	150.00	50.00	0.00008
150.00	40.00	0.00008	150.00	30.00	0.00008
150.00	25.00	0.00008	150.00	20.00	0.00008
150.00	17.00	0.00008	150.00	15.00	0.00008
150.00	13.00	0.00008	150.00	11.00	0.00008
150.00	9.00	0.00008	150.00	-9.00	0.00007
150.00	-11.00	0.00007	150.00	-13.00	0.00007
150.00	-15.00	0.00007	150.00	-17.00	0.00006
150.00	-20.00	0.00006	150.00	-25.00	0.00006
150.00	-30.00	0.00006	150.00	-40.00	0.00005
150.00	-50.00	0.00005	150.00	-60.00	0.00005
150.00	-70.00	0.00005	150.00	-80.00	0.00005
150.00	-90.00	0.00005	150.00	-100.00	0.00005
160.00	100.00	0.00008	160.00	90.00	0.00008
160.00	80.00	0.00008	160.00	70.00	0.00008
160.00	60.00	0.00008	160.00	50.00	0.00008
160.00	40.00	0.00008	160.00	30.00	0.00008
160.00	25.00	0.00007	160.00	20.00	0.00007
160.00	17.00	0.00007	160.00	15.00	0.00007
160.00	13.00	0.00007	160.00	11.00	0.00007
160.00	9.00	0.00007	160.00	-9.00	0.00006
160.00	-11.00	0.00006	160.00	-13.00	0.00006

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

160.00	-15.00	0.00006	160.00	-17.00	0.00006
160.00	-20.00	0.00006	160.00	-25.00	0.00006
160.00	-30.00	0.00005	160.00	-40.00	0.00005
160.00	-50.00	0.00005	160.00	-60.00	0.00005
160.00	-70.00	0.00005	160.00	-80.00	0.00005
160.00	-90.00	0.00004	160.00	-100.00	0.00004
170.00	100.00	0.00008	170.00	90.00	0.00007
170.00	80.00	0.00007	170.00	70.00	0.00007
170.00	60.00	0.00007	170.00	50.00	0.00007
170.00	40.00	0.00007	170.00	30.00	0.00007
170.00	25.00	0.00007	170.00	20.00	0.00007
170.00	17.00	0.00007	170.00	15.00	0.00007
170.00	13.00	0.00007	170.00	11.00	0.00007
170.00	9.00	0.00007	170.00	-9.00	0.00006
170.00	-11.00	0.00006	170.00	-13.00	0.00006
170.00	-15.00	0.00006	170.00	-17.00	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00005	170.00	-25.00	0.00005
170.00	-30.00	0.00005	170.00	-40.00	0.00005
170.00	-50.00	0.00005	170.00	-60.00	0.00004
170.00	-70.00	0.00004	170.00	-80.00	0.00004
170.00	-90.00	0.00004	170.00	-100.00	0.00004
180.00	100.00	0.00007	180.00	90.00	0.00007
180.00	80.00	0.00007	180.00	70.00	0.00007
180.00	60.00	0.00007	180.00	50.00	0.00007
180.00	40.00	0.00007	180.00	30.00	0.00006
180.00	25.00	0.00006	180.00	20.00	0.00006
180.00	17.00	0.00006	180.00	15.00	0.00006
180.00	13.00	0.00006	180.00	11.00	0.00006
180.00	9.00	0.00006	180.00	-9.00	0.00006
180.00	-11.00	0.00005	180.00	-13.00	0.00005
180.00	-15.00	0.00005	180.00	-17.00	0.00005
180.00	-20.00	0.00005	180.00	-25.00	0.00005
180.00	-30.00	0.00005	180.00	-40.00	0.00004
180.00	-50.00	0.00004	180.00	-60.00	0.00004

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

180.00	-70.00	0.00004	180.00	-80.00	0.00004
180.00	-90.00	0.00004	180.00	-100.00	0.00004
190.00	100.00	0.00007	190.00	90.00	0.00006
190.00	80.00	0.00006	190.00	70.00	0.00006
190.00	60.00	0.00006	190.00	50.00	0.00006
190.00	40.00	0.00006	190.00	30.00	0.00006
190.00	25.00	0.00006	190.00	20.00	0.00006
190.00	17.00	0.00006	190.00	15.00	0.00006
190.00	13.00	0.00006	190.00	11.00	0.00006
190.00	9.00	0.00006	190.00	-9.00	0.00005
190.00	-11.00	0.00005	190.00	-13.00	0.00005
190.00	-15.00	0.00005	190.00	-17.00	0.00005
190.00	-20.00	0.00005	190.00	-25.00	0.00005
190.00	-30.00	0.00005	190.00	-40.00	0.00004
190.00	-50.00	0.00004	190.00	-60.00	0.00004
190.00	-70.00	0.00004	190.00	-80.00	0.00004
190.00	-90.00	0.00004	190.00	-100.00	0.00004
200.00	100.00	0.00006	200.00	90.00	0.00006
200.00	80.00	0.00006	200.00	70.00	0.00006
200.00	60.00	0.00006	200.00	50.00	0.00006
200.00	40.00	0.00006	200.00	30.00	0.00006
200.00	25.00	0.00006	200.00	20.00	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 17:36:35 *** Maximum train overlap at East/West Bound Direction ***

**MODELOPTs:
 PAGE 100

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00005	200.00	15.00	0.00005
200.00	13.00	0.00005	200.00	11.00	0.00005
200.00	9.00	0.00005	200.00	-9.00	0.00005
200.00	-11.00	0.00005	200.00	-13.00	0.00005
200.00	-15.00	0.00005	200.00	-17.00	0.00005
200.00	-20.00	0.00005	200.00	-25.00	0.00004
200.00	-30.00	0.00004	200.00	-40.00	0.00004
200.00	-50.00	0.00004	200.00	-60.00	0.00004
200.00	-70.00	0.00004	200.00	-80.00	0.00003
200.00	-90.00	0.00003	200.00	-100.00	0.00003
210.00	100.00	0.00006	210.00	90.00	0.00006
210.00	80.00	0.00006	210.00	70.00	0.00006

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

210.00	60.00	0.00005	210.00	50.00	0.00005
210.00	40.00	0.00005	210.00	30.00	0.00005
210.00	25.00	0.00005	210.00	20.00	0.00005
210.00	17.00	0.00005	210.00	15.00	0.00005
210.00	13.00	0.00005	210.00	11.00	0.00005
210.00	9.00	0.00005	210.00	-9.00	0.00005
210.00	-11.00	0.00004	210.00	-13.00	0.00004
210.00	-15.00	0.00004	210.00	-17.00	0.00004
210.00	-20.00	0.00004	210.00	-25.00	0.00004
210.00	-30.00	0.00004	210.00	-40.00	0.00004
210.00	-50.00	0.00004	210.00	-60.00	0.00003
210.00	-70.00	0.00003	210.00	-80.00	0.00003
210.00	-90.00	0.00003	210.00	-100.00	0.00003
220.00	100.00	0.00005	220.00	90.00	0.00005
220.00	80.00	0.00005	220.00	70.00	0.00005
220.00	60.00	0.00005	220.00	50.00	0.00005
220.00	40.00	0.00005	220.00	30.00	0.00005
220.00	25.00	0.00005	220.00	20.00	0.00005
220.00	17.00	0.00005	220.00	15.00	0.00005
220.00	13.00	0.00005	220.00	11.00	0.00005
220.00	9.00	0.00005	220.00	-9.00	0.00004
220.00	-11.00	0.00004	220.00	-13.00	0.00004
220.00	-15.00	0.00004	220.00	-17.00	0.00004
220.00	-20.00	0.00004	220.00	-25.00	0.00004
220.00	-30.00	0.00004	220.00	-40.00	0.00004
220.00	-50.00	0.00003	220.00	-60.00	0.00003
220.00	-70.00	0.00003	220.00	-80.00	0.00003
220.00	-90.00	0.00003	220.00	-100.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

17:36:35

*** Maximum train overlap at East/West Bound Direction ***

**MODELOPTs:
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00005	230.00	90.00	0.00005
230.00	80.00	0.00005	230.00	70.00	0.00005
230.00	60.00	0.00005	230.00	50.00	0.00005
230.00	40.00	0.00005	230.00	30.00	0.00005
230.00	25.00	0.00005	230.00	20.00	0.00005
230.00	17.00	0.00004	230.00	15.00	0.00004

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

230.00	13.00	0.00004	230.00	11.00	0.00004
230.00	9.00	0.00004	230.00	-9.00	0.00004
230.00	-11.00	0.00004	230.00	-13.00	0.00004
230.00	-15.00	0.00004	230.00	-17.00	0.00004
230.00	-20.00	0.00004	230.00	-25.00	0.00004
230.00	-30.00	0.00004	230.00	-40.00	0.00003
230.00	-50.00	0.00003	230.00	-60.00	0.00003
230.00	-70.00	0.00003	230.00	-80.00	0.00003
230.00	-90.00	0.00003	230.00	-100.00	0.00003
240.00	100.00	0.00005	240.00	90.00	0.00005
240.00	80.00	0.00005	240.00	70.00	0.00005
240.00	60.00	0.00005	240.00	50.00	0.00005
240.00	40.00	0.00004	240.00	30.00	0.00004
240.00	25.00	0.00004	240.00	20.00	0.00004
240.00	17.00	0.00004	240.00	15.00	0.00004
240.00	13.00	0.00004	240.00	11.00	0.00004
240.00	9.00	0.00004	240.00	-9.00	0.00004
240.00	-11.00	0.00004	240.00	-13.00	0.00004
240.00	-15.00	0.00004	240.00	-17.00	0.00004
240.00	-20.00	0.00004	240.00	-25.00	0.00004
240.00	-30.00	0.00003	240.00	-40.00	0.00003
240.00	-50.00	0.00003	240.00	-60.00	0.00003
240.00	-70.00	0.00003	240.00	-80.00	0.00003
240.00	-90.00	0.00003	240.00	-100.00	0.00003
250.00	100.00	0.00004	250.00	90.00	0.00004
250.00	80.00	0.00004	250.00	70.00	0.00004
250.00	60.00	0.00004	250.00	50.00	0.00004
250.00	40.00	0.00004	250.00	30.00	0.00004
250.00	25.00	0.00004	250.00	20.00	0.00004
250.00	17.00	0.00004	250.00	15.00	0.00004
250.00	13.00	0.00004	250.00	11.00	0.00004
250.00	9.00	0.00004	250.00	-9.00	0.00004
250.00	-11.00	0.00004	250.00	-13.00	0.00004
250.00	-15.00	0.00004	250.00	-17.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:
PAGE 102

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-----	-----	-----	-----	-----	-----

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

250.00	-20.00	0.00003	250.00	-25.00	0.00003
250.00	-30.00	0.00003	250.00	-40.00	0.00003
250.00	-50.00	0.00003	250.00	-60.00	0.00003
250.00	-70.00	0.00003	250.00	-80.00	0.00003
250.00	-90.00	0.00003	250.00	-100.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00066	-250.00	90.00	0.00069
-250.00	80.00	0.00071	-250.00	70.00	0.00073
-250.00	60.00	0.00075	-250.00	50.00	0.00077
-250.00	40.00	0.00079	-250.00	30.00	0.00084
-250.00	25.00	0.00089	-250.00	20.00	0.00094
-250.00	17.00	0.00098	-250.00	15.00	0.00101
-250.00	13.00	0.00105	-250.00	11.00	0.00109
-250.00	9.00	0.00114	-250.00	-9.00	0.00194
-250.00	-11.00	0.00207	-250.00	-13.00	0.00219
-250.00	-15.00	0.00230	-250.00	-17.00	0.00239
-250.00	-20.00	0.00249	-250.00	-25.00	0.00256
-250.00	-30.00	0.00256	-250.00	-40.00	0.00243
-250.00	-50.00	0.00222	-250.00	-60.00	0.00197
-250.00	-70.00	0.00174	-250.00	-80.00	0.00152
-250.00	-90.00	0.00134	-250.00	-100.00	0.00118
-240.00	100.00	0.00087	-240.00	90.00	0.00093
-240.00	80.00	0.00099	-240.00	70.00	0.00104
-240.00	60.00	0.00109	-240.00	50.00	0.00111
-240.00	40.00	0.00112	-240.00	30.00	0.00111
-240.00	25.00	0.00111	-240.00	20.00	0.00114
-240.00	17.00	0.00117	-240.00	15.00	0.00121
-240.00	13.00	0.00124	-240.00	11.00	0.00129
-240.00	9.00	0.00135	-240.00	-9.00	0.00263
-240.00	-11.00	0.00279	-240.00	-13.00	0.00291
-240.00	-15.00	0.00300	-240.00	-17.00	0.00306
-240.00	-20.00	0.00311	-240.00	-25.00	0.00311
-240.00	-30.00	0.00305	-240.00	-40.00	0.00281
-240.00	-50.00	0.00249	-240.00	-60.00	0.00217
-240.00	-70.00	0.00188	-240.00	-80.00	0.00163

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-240.00	-90.00	0.00142	-240.00	-100.00	0.00124
-230.00	100.00	0.00112	-230.00	90.00	0.00122
-230.00	80.00	0.00133	-230.00	70.00	0.00146
-230.00	60.00	0.00160	-230.00	50.00	0.00175
-230.00	40.00	0.00187	-230.00	30.00	0.00193
-230.00	25.00	0.00192	-230.00	20.00	0.00187
-230.00	17.00	0.00181	-230.00	15.00	0.00178
-230.00	13.00	0.00175	-230.00	11.00	0.00174
-230.00	9.00	0.00176	-230.00	-9.00	0.00369
-230.00	-11.00	0.00377	-230.00	-13.00	0.00382
-230.00	-15.00	0.00384	-230.00	-17.00	0.00384

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 104
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00382	-230.00	-25.00	0.00371
-230.00	-30.00	0.00356	-230.00	-40.00	0.00316
-230.00	-50.00	0.00273	-230.00	-60.00	0.00233
-230.00	-70.00	0.00199	-230.00	-80.00	0.00171
-230.00	-90.00	0.00147	-230.00	-100.00	0.00128
-220.00	100.00	0.00135	-220.00	90.00	0.00151
-220.00	80.00	0.00169	-220.00	70.00	0.00190
-220.00	60.00	0.00216	-220.00	50.00	0.00247
-220.00	40.00	0.00283	-220.00	30.00	0.00323
-220.00	25.00	0.00345	-220.00	20.00	0.00366
-220.00	17.00	0.00379	-220.00	15.00	0.00388
-220.00	13.00	0.00397	-220.00	11.00	0.00408
-220.00	9.00	0.00422	-220.00	-9.00	0.00473
-220.00	-11.00	0.00466	-220.00	-13.00	0.00460
-220.00	-15.00	0.00455	-220.00	-17.00	0.00449
-220.00	-20.00	0.00438	-220.00	-25.00	0.00417
-220.00	-30.00	0.00393	-220.00	-40.00	0.00340
-220.00	-50.00	0.00288	-220.00	-60.00	0.00243
-220.00	-70.00	0.00205	-220.00	-80.00	0.00175
-220.00	-90.00	0.00150	-220.00	-100.00	0.00130
-210.00	100.00	0.00156	-210.00	90.00	0.00176
-210.00	80.00	0.00199	-210.00	70.00	0.00227
-210.00	60.00	0.00262	-210.00	50.00	0.00304

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-210.00	40.00	0.00354	-210.00	30.00	0.00412
-210.00	25.00	0.00442	-210.00	20.00	0.00470
-210.00	17.00	0.00484	-210.00	15.00	0.00492
-210.00	13.00	0.00498	-210.00	11.00	0.00504
-210.00	9.00	0.00510	-210.00	-9.00	0.00488
-210.00	-11.00	0.00481	-210.00	-13.00	0.00475
-210.00	-15.00	0.00469	-210.00	-17.00	0.00462
-210.00	-20.00	0.00451	-210.00	-25.00	0.00428
-210.00	-30.00	0.00402	-210.00	-40.00	0.00345
-210.00	-50.00	0.00290	-210.00	-60.00	0.00244
-210.00	-70.00	0.00206	-210.00	-80.00	0.00175
-210.00	-90.00	0.00149	-210.00	-100.00	0.00129
-200.00	100.00	0.00173	-200.00	90.00	0.00196
-200.00	80.00	0.00223	-200.00	70.00	0.00256
-200.00	60.00	0.00296	-200.00	50.00	0.00343
-200.00	40.00	0.00399	-200.00	30.00	0.00460
-200.00	25.00	0.00490	-200.00	20.00	0.00516

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00527	-200.00	15.00	0.00531
-200.00	13.00	0.00534	-200.00	11.00	0.00536
-200.00	9.00	0.00538	-200.00	-9.00	0.00488
-200.00	-11.00	0.00480	-200.00	-13.00	0.00473
-200.00	-15.00	0.00466	-200.00	-17.00	0.00459
-200.00	-20.00	0.00446	-200.00	-25.00	0.00421
-200.00	-30.00	0.00393	-200.00	-40.00	0.00334
-200.00	-50.00	0.00280	-200.00	-60.00	0.00236
-200.00	-70.00	0.00199	-200.00	-80.00	0.00169
-200.00	-90.00	0.00144	-200.00	-100.00	0.00124
-190.00	100.00	0.00185	-190.00	90.00	0.00211
-190.00	80.00	0.00241	-190.00	70.00	0.00276
-190.00	60.00	0.00318	-190.00	50.00	0.00368
-190.00	40.00	0.00425	-190.00	30.00	0.00486
-190.00	25.00	0.00513	-190.00	20.00	0.00535
-190.00	17.00	0.00543	-190.00	15.00	0.00546
-190.00	13.00	0.00548	-190.00	11.00	0.00547

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-190.00	9.00	0.00547	-190.00	-9.00	0.00479
-190.00	-11.00	0.00470	-190.00	-13.00	0.00462
-190.00	-15.00	0.00453	-190.00	-17.00	0.00445
-190.00	-20.00	0.00430	-190.00	-25.00	0.00403
-190.00	-30.00	0.00373	-190.00	-40.00	0.00313
-190.00	-50.00	0.00263	-190.00	-60.00	0.00221
-190.00	-70.00	0.00187	-190.00	-80.00	0.00159
-190.00	-90.00	0.00136	-190.00	-100.00	0.00117
-180.00	100.00	0.00192	-180.00	90.00	0.00219
-180.00	80.00	0.00251	-180.00	70.00	0.00288
-180.00	60.00	0.00331	-180.00	50.00	0.00382
-180.00	40.00	0.00439	-180.00	30.00	0.00496
-180.00	25.00	0.00522	-180.00	20.00	0.00541
-180.00	17.00	0.00548	-180.00	15.00	0.00550
-180.00	13.00	0.00550	-180.00	11.00	0.00549
-180.00	9.00	0.00547	-180.00	-9.00	0.00462
-180.00	-11.00	0.00450	-180.00	-13.00	0.00440
-180.00	-15.00	0.00430	-180.00	-17.00	0.00419
-180.00	-20.00	0.00402	-180.00	-25.00	0.00372
-180.00	-30.00	0.00342	-180.00	-40.00	0.00287
-180.00	-50.00	0.00240	-180.00	-60.00	0.00202
-180.00	-70.00	0.00171	-180.00	-80.00	0.00145
-180.00	-90.00	0.00124	-180.00	-100.00	0.00107

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTS:
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00192	-170.00	90.00	0.00220
-170.00	80.00	0.00252	-170.00	70.00	0.00291
-170.00	60.00	0.00336	-170.00	50.00	0.00387
-170.00	40.00	0.00443	-170.00	30.00	0.00498
-170.00	25.00	0.00521	-170.00	20.00	0.00539
-170.00	17.00	0.00546	-170.00	15.00	0.00547
-170.00	13.00	0.00546	-170.00	11.00	0.00544
-170.00	9.00	0.00541	-170.00	-9.00	0.00434
-170.00	-11.00	0.00419	-170.00	-13.00	0.00405
-170.00	-15.00	0.00392	-170.00	-17.00	0.00379
-170.00	-20.00	0.00360	-170.00	-25.00	0.00329

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-170.00	-30.00	0.00301	-170.00	-40.00	0.00254
-170.00	-50.00	0.00213	-170.00	-60.00	0.00179
-170.00	-70.00	0.00151	-170.00	-80.00	0.00128
-170.00	-90.00	0.00110	-170.00	-100.00	0.00095
-160.00	100.00	0.00184	-160.00	90.00	0.00211
-160.00	80.00	0.00244	-160.00	70.00	0.00282
-160.00	60.00	0.00328	-160.00	50.00	0.00380
-160.00	40.00	0.00437	-160.00	30.00	0.00491
-160.00	25.00	0.00514	-160.00	20.00	0.00531
-160.00	17.00	0.00536	-160.00	15.00	0.00537
-160.00	13.00	0.00535	-160.00	11.00	0.00532
-160.00	9.00	0.00528	-160.00	-9.00	0.00390
-160.00	-11.00	0.00370	-160.00	-13.00	0.00352
-160.00	-15.00	0.00337	-160.00	-17.00	0.00322
-160.00	-20.00	0.00303	-160.00	-25.00	0.00276
-160.00	-30.00	0.00254	-160.00	-40.00	0.00214
-160.00	-50.00	0.00180	-160.00	-60.00	0.00152
-160.00	-70.00	0.00129	-160.00	-80.00	0.00110
-160.00	-90.00	0.00095	-160.00	-100.00	0.00083
-150.00	100.00	0.00170	-150.00	90.00	0.00194
-150.00	80.00	0.00223	-150.00	70.00	0.00258
-150.00	60.00	0.00301	-150.00	50.00	0.00351
-150.00	40.00	0.00408	-150.00	30.00	0.00468
-150.00	25.00	0.00495	-150.00	20.00	0.00514
-150.00	17.00	0.00519	-150.00	15.00	0.00519
-150.00	13.00	0.00517	-150.00	11.00	0.00513
-150.00	9.00	0.00508	-150.00	-9.00	0.00319
-150.00	-11.00	0.00295	-150.00	-13.00	0.00277
-150.00	-15.00	0.00262	-150.00	-17.00	0.00250

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTS:
 PAGE 107
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00236	-150.00	-25.00	0.00216
-150.00	-30.00	0.00198	-150.00	-40.00	0.00169
-150.00	-50.00	0.00144	-150.00	-60.00	0.00123
-150.00	-70.00	0.00106	-150.00	-80.00	0.00092
-150.00	-90.00	0.00080	-150.00	-100.00	0.00070

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-140.00	100.00	0.00150	-140.00	90.00	0.00170
-140.00	80.00	0.00193	-140.00	70.00	0.00220
-140.00	60.00	0.00253	-140.00	50.00	0.00291
-140.00	40.00	0.00335	-140.00	30.00	0.00387
-140.00	25.00	0.00415	-140.00	20.00	0.00441
-140.00	17.00	0.00454	-140.00	15.00	0.00461
-140.00	13.00	0.00466	-140.00	11.00	0.00468
-140.00	9.00	0.00467	-140.00	-9.00	0.00207
-140.00	-11.00	0.00191	-140.00	-13.00	0.00180
-140.00	-15.00	0.00171	-140.00	-17.00	0.00165
-140.00	-20.00	0.00157	-140.00	-25.00	0.00147
-140.00	-30.00	0.00138	-140.00	-40.00	0.00122
-140.00	-50.00	0.00108	-140.00	-60.00	0.00095
-140.00	-70.00	0.00084	-140.00	-80.00	0.00074
-140.00	-90.00	0.00066	-140.00	-100.00	0.00059
-130.00	100.00	0.00129	-130.00	90.00	0.00144
-130.00	80.00	0.00160	-130.00	70.00	0.00179
-130.00	60.00	0.00198	-130.00	50.00	0.00219
-130.00	40.00	0.00240	-130.00	30.00	0.00256
-130.00	25.00	0.00261	-130.00	20.00	0.00259
-130.00	17.00	0.00255	-130.00	15.00	0.00249
-130.00	13.00	0.00241	-130.00	11.00	0.00230
-130.00	9.00	0.00217	-130.00	-9.00	0.00096
-130.00	-11.00	0.00094	-130.00	-13.00	0.00093
-130.00	-15.00	0.00092	-130.00	-17.00	0.00091
-130.00	-20.00	0.00090	-130.00	-25.00	0.00089
-130.00	-30.00	0.00088	-130.00	-40.00	0.00083
-130.00	-50.00	0.00077	-130.00	-60.00	0.00071
-130.00	-70.00	0.00065	-130.00	-80.00	0.00059
-130.00	-90.00	0.00053	-130.00	-100.00	0.00048
-120.00	100.00	0.00110	-120.00	90.00	0.00120
-120.00	80.00	0.00131	-120.00	70.00	0.00142
-120.00	60.00	0.00152	-120.00	50.00	0.00161
-120.00	40.00	0.00166	-120.00	30.00	0.00165
-120.00	25.00	0.00160	-120.00	20.00	0.00152

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 17:36:35
 **MODELOPTs:
 PAGE 108
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

 INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00145	-120.00	15.00	0.00140
-120.00	13.00	0.00134	-120.00	11.00	0.00128
-120.00	9.00	0.00122	-120.00	-9.00	0.00070
-120.00	-11.00	0.00068	-120.00	-13.00	0.00066
-120.00	-15.00	0.00065	-120.00	-17.00	0.00065
-120.00	-20.00	0.00064	-120.00	-25.00	0.00063
-120.00	-30.00	0.00061	-120.00	-40.00	0.00059
-120.00	-50.00	0.00056	-120.00	-60.00	0.00053
-120.00	-70.00	0.00050	-120.00	-80.00	0.00046
-120.00	-90.00	0.00043	-120.00	-100.00	0.00039
-110.00	100.00	0.00093	-110.00	90.00	0.00099
-110.00	80.00	0.00106	-110.00	70.00	0.00111
-110.00	60.00	0.00116	-110.00	50.00	0.00119
-110.00	40.00	0.00118	-110.00	30.00	0.00112
-110.00	25.00	0.00107	-110.00	20.00	0.00100
-110.00	17.00	0.00097	-110.00	15.00	0.00094
-110.00	13.00	0.00092	-110.00	11.00	0.00089
-110.00	9.00	0.00086	-110.00	-9.00	0.00055
-110.00	-11.00	0.00053	-110.00	-13.00	0.00052
-110.00	-15.00	0.00051	-110.00	-17.00	0.00050
-110.00	-20.00	0.00049	-110.00	-25.00	0.00048
-110.00	-30.00	0.00048	-110.00	-40.00	0.00046
-110.00	-50.00	0.00044	-110.00	-60.00	0.00041
-110.00	-70.00	0.00039	-110.00	-80.00	0.00037
-110.00	-90.00	0.00035	-110.00	-100.00	0.00032
-100.00	100.00	0.00078	-100.00	90.00	0.00082
-100.00	80.00	0.00085	-100.00	70.00	0.00088
-100.00	60.00	0.00090	-100.00	50.00	0.00090
-100.00	40.00	0.00087	-100.00	30.00	0.00080
-100.00	25.00	0.00077	-100.00	20.00	0.00073
-100.00	17.00	0.00071	-100.00	15.00	0.00070
-100.00	13.00	0.00069	-100.00	11.00	0.00067
-100.00	9.00	0.00066	-100.00	-9.00	0.00045
-100.00	-11.00	0.00044	-100.00	-13.00	0.00042
-100.00	-15.00	0.00041	-100.00	-17.00	0.00040
-100.00	-20.00	0.00039	-100.00	-25.00	0.00038
-100.00	-30.00	0.00038	-100.00	-40.00	0.00037
-100.00	-50.00	0.00036	-100.00	-60.00	0.00034
-100.00	-70.00	0.00032	-100.00	-80.00	0.00030
-100.00	-90.00	0.00029	-100.00	-100.00	0.00027

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:36:35

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00065	-90.00	90.00	0.00068
-90.00	80.00	0.00069	-90.00	70.00	0.00070
-90.00	60.00	0.00070	-90.00	50.00	0.00069
-90.00	40.00	0.00065	-90.00	30.00	0.00061
-90.00	25.00	0.00059	-90.00	20.00	0.00057
-90.00	17.00	0.00056	-90.00	15.00	0.00055
-90.00	13.00	0.00054	-90.00	11.00	0.00053
-90.00	9.00	0.00052	-90.00	-9.00	0.00038
-90.00	-11.00	0.00036	-90.00	-13.00	0.00035
-90.00	-15.00	0.00034	-90.00	-17.00	0.00033
-90.00	-20.00	0.00032	-90.00	-25.00	0.00031
-90.00	-30.00	0.00031	-90.00	-40.00	0.00030
-90.00	-50.00	0.00030	-90.00	-60.00	0.00029
-90.00	-70.00	0.00027	-90.00	-80.00	0.00026
-90.00	-90.00	0.00024	-90.00	-100.00	0.00023
-80.00	100.00	0.00055	-80.00	90.00	0.00056
-80.00	80.00	0.00057	-80.00	70.00	0.00057
-80.00	60.00	0.00056	-80.00	50.00	0.00053
-80.00	40.00	0.00051	-80.00	30.00	0.00048
-80.00	25.00	0.00047	-80.00	20.00	0.00046
-80.00	17.00	0.00045	-80.00	15.00	0.00044
-80.00	13.00	0.00044	-80.00	11.00	0.00043
-80.00	9.00	0.00042	-80.00	-9.00	0.00032
-80.00	-11.00	0.00031	-80.00	-13.00	0.00030
-80.00	-15.00	0.00029	-80.00	-17.00	0.00028
-80.00	-20.00	0.00027	-80.00	-25.00	0.00026
-80.00	-30.00	0.00026	-80.00	-40.00	0.00025
-80.00	-50.00	0.00025	-80.00	-60.00	0.00024
-80.00	-70.00	0.00023	-80.00	-80.00	0.00022
-80.00	-90.00	0.00021	-80.00	-100.00	0.00020
-70.00	100.00	0.00047	-70.00	90.00	0.00047
-70.00	80.00	0.00047	-70.00	70.00	0.00046
-70.00	60.00	0.00045	-70.00	50.00	0.00043
-70.00	40.00	0.00041	-70.00	30.00	0.00039
-70.00	25.00	0.00038	-70.00	20.00	0.00038
-70.00	17.00	0.00037	-70.00	15.00	0.00037
-70.00	13.00	0.00036	-70.00	11.00	0.00036

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-70.00	9.00	0.00035	-70.00	-9.00	0.00027
-70.00	-11.00	0.00026	-70.00	-13.00	0.00026
-70.00	-15.00	0.00025	-70.00	-17.00	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

17:36:35

**MODELOPTs:

PAGE 110

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00023	-70.00	-25.00	0.00022
-70.00	-30.00	0.00022	-70.00	-40.00	0.00021
-70.00	-50.00	0.00021	-70.00	-60.00	0.00020
-70.00	-70.00	0.00020	-70.00	-80.00	0.00019
-70.00	-90.00	0.00019	-70.00	-100.00	0.00018
-60.00	100.00	0.00040	-60.00	90.00	0.00040
-60.00	80.00	0.00039	-60.00	70.00	0.00038
-60.00	60.00	0.00036	-60.00	50.00	0.00035
-60.00	40.00	0.00034	-60.00	30.00	0.00033
-60.00	25.00	0.00032	-60.00	20.00	0.00032
-60.00	17.00	0.00031	-60.00	15.00	0.00031
-60.00	13.00	0.00031	-60.00	11.00	0.00030
-60.00	9.00	0.00030	-60.00	-9.00	0.00024
-60.00	-11.00	0.00023	-60.00	-13.00	0.00022
-60.00	-15.00	0.00021	-60.00	-17.00	0.00021
-60.00	-20.00	0.00020	-60.00	-25.00	0.00019
-60.00	-30.00	0.00019	-60.00	-40.00	0.00018
-60.00	-50.00	0.00018	-60.00	-60.00	0.00017
-60.00	-70.00	0.00017	-60.00	-80.00	0.00017
-60.00	-90.00	0.00016	-60.00	-100.00	0.00016
-50.00	100.00	0.00034	-50.00	90.00	0.00033
-50.00	80.00	0.00033	-50.00	70.00	0.00031
-50.00	60.00	0.00030	-50.00	50.00	0.00029
-50.00	40.00	0.00029	-50.00	30.00	0.00028
-50.00	25.00	0.00027	-50.00	20.00	0.00027
-50.00	17.00	0.00027	-50.00	15.00	0.00026
-50.00	13.00	0.00026	-50.00	11.00	0.00026
-50.00	9.00	0.00025	-50.00	-9.00	0.00021
-50.00	-11.00	0.00020	-50.00	-13.00	0.00019
-50.00	-15.00	0.00019	-50.00	-17.00	0.00018
-50.00	-20.00	0.00018	-50.00	-25.00	0.00017

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-50.00	-30.00	0.00016	-50.00	-40.00	0.00016
-50.00	-50.00	0.00015	-50.00	-60.00	0.00015
-50.00	-70.00	0.00015	-50.00	-80.00	0.00015
-50.00	-90.00	0.00014	-50.00	-100.00	0.00014
-40.00	100.00	0.00029	-40.00	90.00	0.00028
-40.00	80.00	0.00027	-40.00	70.00	0.00027
-40.00	60.00	0.00026	-40.00	50.00	0.00025
-40.00	40.00	0.00024	-40.00	30.00	0.00024
-40.00	25.00	0.00024	-40.00	20.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00023	-40.00	15.00	0.00023
-40.00	13.00	0.00022	-40.00	11.00	0.00022
-40.00	9.00	0.00022	-40.00	-9.00	0.00018
-40.00	-11.00	0.00018	-40.00	-13.00	0.00017
-40.00	-15.00	0.00017	-40.00	-17.00	0.00016
-40.00	-20.00	0.00016	-40.00	-25.00	0.00015
-40.00	-30.00	0.00014	-40.00	-40.00	0.00014
-40.00	-50.00	0.00013	-40.00	-60.00	0.00013
-40.00	-70.00	0.00013	-40.00	-80.00	0.00013
-40.00	-90.00	0.00013	-40.00	-100.00	0.00012
-30.00	100.00	0.00025	-30.00	90.00	0.00024
-30.00	80.00	0.00023	-30.00	70.00	0.00023
-30.00	60.00	0.00022	-30.00	50.00	0.00022
-30.00	40.00	0.00021	-30.00	30.00	0.00021
-30.00	25.00	0.00021	-30.00	20.00	0.00020
-30.00	17.00	0.00020	-30.00	15.00	0.00020
-30.00	13.00	0.00020	-30.00	11.00	0.00019
-30.00	9.00	0.00019	-30.00	-9.00	0.00016
-30.00	-11.00	0.00016	-30.00	-13.00	0.00015
-30.00	-15.00	0.00015	-30.00	-17.00	0.00014
-30.00	-20.00	0.00014	-30.00	-25.00	0.00013
-30.00	-30.00	0.00013	-30.00	-40.00	0.00012
-30.00	-50.00	0.00012	-30.00	-60.00	0.00012
-30.00	-70.00	0.00011	-30.00	-80.00	0.00011
-30.00	-90.00	0.00011	-30.00	-100.00	0.00011

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-20.00	100.00	0.00021	-20.00	90.00	0.00021
-20.00	80.00	0.00020	-20.00	70.00	0.00020
-20.00	60.00	0.00019	-20.00	50.00	0.00019
-20.00	40.00	0.00019	-20.00	30.00	0.00018
-20.00	25.00	0.00018	-20.00	20.00	0.00018
-20.00	17.00	0.00018	-20.00	15.00	0.00017
-20.00	13.00	0.00017	-20.00	11.00	0.00017
-20.00	9.00	0.00017	-20.00	-9.00	0.00014
-20.00	-11.00	0.00014	-20.00	-13.00	0.00014
-20.00	-15.00	0.00013	-20.00	-17.00	0.00013
-20.00	-20.00	0.00013	-20.00	-25.00	0.00012
-20.00	-30.00	0.00011	-20.00	-40.00	0.00011
-20.00	-50.00	0.00011	-20.00	-60.00	0.00010
-20.00	-70.00	0.00010	-20.00	-80.00	0.00010
-20.00	-90.00	0.00010	-20.00	-100.00	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00019	-10.00	90.00	0.00018
-10.00	80.00	0.00018	-10.00	70.00	0.00017
-10.00	60.00	0.00017	-10.00	50.00	0.00017
-10.00	40.00	0.00016	-10.00	30.00	0.00016
-10.00	25.00	0.00016	-10.00	20.00	0.00016
-10.00	17.00	0.00016	-10.00	15.00	0.00015
-10.00	13.00	0.00015	-10.00	11.00	0.00015
-10.00	9.00	0.00015	-10.00	-9.00	0.00013
-10.00	-11.00	0.00013	-10.00	-13.00	0.00012
-10.00	-15.00	0.00012	-10.00	-17.00	0.00012
-10.00	-20.00	0.00011	-10.00	-25.00	0.00011
-10.00	-30.00	0.00010	-10.00	-40.00	0.00010
-10.00	-50.00	0.00009	-10.00	-60.00	0.00009
-10.00	-70.00	0.00009	-10.00	-80.00	0.00009
-10.00	-90.00	0.00009	-10.00	-100.00	0.00009
0.00	100.00	0.00016	0.00	90.00	0.00016
0.00	80.00	0.00016	0.00	70.00	0.00015
0.00	60.00	0.00015	0.00	50.00	0.00015
0.00	40.00	0.00015	0.00	30.00	0.00014

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

0.00	25.00	0.00014	0.00	20.00	0.00014
0.00	17.00	0.00014	0.00	15.00	0.00014
0.00	13.00	0.00014	0.00	11.00	0.00014
0.00	9.00	0.00013	0.00	-9.00	0.00012
0.00	-11.00	0.00011	0.00	-13.00	0.00011
0.00	-15.00	0.00011	0.00	-17.00	0.00011
0.00	-20.00	0.00010	0.00	-25.00	0.00010
0.00	-30.00	0.00009	0.00	-40.00	0.00009
0.00	-50.00	0.00009	0.00	-60.00	0.00008
0.00	-70.00	0.00008	0.00	-80.00	0.00008
0.00	-90.00	0.00008	0.00	-100.00	0.00008
10.00	100.00	0.00015	10.00	90.00	0.00014
10.00	80.00	0.00014	10.00	70.00	0.00014
10.00	60.00	0.00014	10.00	50.00	0.00013
10.00	40.00	0.00013	10.00	30.00	0.00013
10.00	25.00	0.00013	10.00	20.00	0.00013
10.00	17.00	0.00012	10.00	15.00	0.00012
10.00	13.00	0.00012	10.00	11.00	0.00012
10.00	9.00	0.00012	10.00	-9.00	0.00010
10.00	-11.00	0.00010	10.00	-13.00	0.00010
10.00	-15.00	0.00010	10.00	-17.00	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 113
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00009	10.00	-25.00	0.00009
10.00	-30.00	0.00009	10.00	-40.00	0.00008
10.00	-50.00	0.00008	10.00	-60.00	0.00008
10.00	-70.00	0.00008	10.00	-80.00	0.00007
10.00	-90.00	0.00007	10.00	-100.00	0.00007
20.00	100.00	0.00013	20.00	90.00	0.00013
20.00	80.00	0.00013	20.00	70.00	0.00012
20.00	60.00	0.00012	20.00	50.00	0.00012
20.00	40.00	0.00012	20.00	30.00	0.00012
20.00	25.00	0.00012	20.00	20.00	0.00011
20.00	17.00	0.00011	20.00	15.00	0.00011
20.00	13.00	0.00011	20.00	11.00	0.00011
20.00	9.00	0.00011	20.00	-9.00	0.00010

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

20.00	-11.00	0.00009	20.00	-13.00	0.00009
20.00	-15.00	0.00009	20.00	-17.00	0.00009
20.00	-20.00	0.00009	20.00	-25.00	0.00008
20.00	-30.00	0.00008	20.00	-40.00	0.00007
20.00	-50.00	0.00007	20.00	-60.00	0.00007
20.00	-70.00	0.00007	20.00	-80.00	0.00007
20.00	-90.00	0.00007	20.00	-100.00	0.00006
30.00	100.00	0.00012	30.00	90.00	0.00012
30.00	80.00	0.00011	30.00	70.00	0.00011
30.00	60.00	0.00011	30.00	50.00	0.00011
30.00	40.00	0.00011	30.00	30.00	0.00011
30.00	25.00	0.00011	30.00	20.00	0.00010
30.00	17.00	0.00010	30.00	15.00	0.00010
30.00	13.00	0.00010	30.00	11.00	0.00010
30.00	9.00	0.00010	30.00	-9.00	0.00009
30.00	-11.00	0.00009	30.00	-13.00	0.00008
30.00	-15.00	0.00008	30.00	-17.00	0.00008
30.00	-20.00	0.00008	30.00	-25.00	0.00008
30.00	-30.00	0.00007	30.00	-40.00	0.00007
30.00	-50.00	0.00007	30.00	-60.00	0.00006
30.00	-70.00	0.00006	30.00	-80.00	0.00006
30.00	-90.00	0.00006	30.00	-100.00	0.00006
40.00	100.00	0.00011	40.00	90.00	0.00011
40.00	80.00	0.00010	40.00	70.00	0.00010
40.00	60.00	0.00010	40.00	50.00	0.00010
40.00	40.00	0.00010	40.00	30.00	0.00010
40.00	25.00	0.00010	40.00	20.00	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 114
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00009	40.00	15.00	0.00009
40.00	13.00	0.00009	40.00	11.00	0.00009
40.00	9.00	0.00009	40.00	-9.00	0.00008
40.00	-11.00	0.00008	40.00	-13.00	0.00008
40.00	-15.00	0.00008	40.00	-17.00	0.00008
40.00	-20.00	0.00007	40.00	-25.00	0.00007
40.00	-30.00	0.00007	40.00	-40.00	0.00006

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

40.00	-50.00	0.00006	40.00	-60.00	0.00006
40.00	-70.00	0.00006	40.00	-80.00	0.00006
40.00	-90.00	0.00006	40.00	-100.00	0.00006
50.00	100.00	0.00010	50.00	90.00	0.00010
50.00	80.00	0.00009	50.00	70.00	0.00009
50.00	60.00	0.00009	50.00	50.00	0.00009
50.00	40.00	0.00009	50.00	30.00	0.00009
50.00	25.00	0.00009	50.00	20.00	0.00009
50.00	17.00	0.00009	50.00	15.00	0.00008
50.00	13.00	0.00008	50.00	11.00	0.00008
50.00	9.00	0.00008	50.00	-9.00	0.00007
50.00	-11.00	0.00007	50.00	-13.00	0.00007
50.00	-15.00	0.00007	50.00	-17.00	0.00007
50.00	-20.00	0.00007	50.00	-25.00	0.00007
50.00	-30.00	0.00006	50.00	-40.00	0.00006
50.00	-50.00	0.00006	50.00	-60.00	0.00005
50.00	-70.00	0.00005	50.00	-80.00	0.00005
50.00	-90.00	0.00005	50.00	-100.00	0.00005
60.00	100.00	0.00009	60.00	90.00	0.00009
60.00	80.00	0.00009	60.00	70.00	0.00009
60.00	60.00	0.00008	60.00	50.00	0.00008
60.00	40.00	0.00008	60.00	30.00	0.00008
60.00	25.00	0.00008	60.00	20.00	0.00008
60.00	17.00	0.00008	60.00	15.00	0.00008
60.00	13.00	0.00008	60.00	11.00	0.00008
60.00	9.00	0.00008	60.00	-9.00	0.00007
60.00	-11.00	0.00007	60.00	-13.00	0.00007
60.00	-15.00	0.00007	60.00	-17.00	0.00006
60.00	-20.00	0.00006	60.00	-25.00	0.00006
60.00	-30.00	0.00006	60.00	-40.00	0.00005
60.00	-50.00	0.00005	60.00	-60.00	0.00005
60.00	-70.00	0.00005	60.00	-80.00	0.00005
60.00	-90.00	0.00005	60.00	-100.00	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 115
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00008	70.00	90.00	0.00008

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

70.00	80.00	0.00008	70.00	70.00	0.00008
70.00	60.00	0.00008	70.00	50.00	0.00008
70.00	40.00	0.00008	70.00	30.00	0.00008
70.00	25.00	0.00007	70.00	20.00	0.00007
70.00	17.00	0.00007	70.00	15.00	0.00007
70.00	13.00	0.00007	70.00	11.00	0.00007
70.00	9.00	0.00007	70.00	-9.00	0.00006
70.00	-11.00	0.00006	70.00	-13.00	0.00006
70.00	-15.00	0.00006	70.00	-17.00	0.00006
70.00	-20.00	0.00006	70.00	-25.00	0.00006
70.00	-30.00	0.00005	70.00	-40.00	0.00005
70.00	-50.00	0.00005	70.00	-60.00	0.00005
70.00	-70.00	0.00005	70.00	-80.00	0.00005
70.00	-90.00	0.00004	70.00	-100.00	0.00004
80.00	100.00	0.00008	80.00	90.00	0.00007
80.00	80.00	0.00007	80.00	70.00	0.00007
80.00	60.00	0.00007	80.00	50.00	0.00007
80.00	40.00	0.00007	80.00	30.00	0.00007
80.00	25.00	0.00007	80.00	20.00	0.00007
80.00	17.00	0.00007	80.00	15.00	0.00007
80.00	13.00	0.00007	80.00	11.00	0.00007
80.00	9.00	0.00007	80.00	-9.00	0.00006
80.00	-11.00	0.00006	80.00	-13.00	0.00006
80.00	-15.00	0.00006	80.00	-17.00	0.00006
80.00	-20.00	0.00005	80.00	-25.00	0.00005
80.00	-30.00	0.00005	80.00	-40.00	0.00005
80.00	-50.00	0.00005	80.00	-60.00	0.00004
80.00	-70.00	0.00004	80.00	-80.00	0.00004
80.00	-90.00	0.00004	80.00	-100.00	0.00004
90.00	100.00	0.00007	90.00	90.00	0.00007
90.00	80.00	0.00007	90.00	70.00	0.00007
90.00	60.00	0.00007	90.00	50.00	0.00007
90.00	40.00	0.00007	90.00	30.00	0.00006
90.00	25.00	0.00006	90.00	20.00	0.00006
90.00	17.00	0.00006	90.00	15.00	0.00006
90.00	13.00	0.00006	90.00	11.00	0.00006
90.00	9.00	0.00006	90.00	-9.00	0.00006
90.00	-11.00	0.00005	90.00	-13.00	0.00005
90.00	-15.00	0.00005	90.00	-17.00	0.00005

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:36:35

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
90.00	-20.00	0.00005	90.00	-25.00	0.00005	
90.00	-30.00	0.00005	90.00	-40.00	0.00004	
90.00	-50.00	0.00004	90.00	-60.00	0.00004	
90.00	-70.00	0.00004	90.00	-80.00	0.00004	
90.00	-90.00	0.00004	90.00	-100.00	0.00004	
100.00	100.00	0.00007	100.00	90.00	0.00006	
100.00	80.00	0.00006	100.00	70.00	0.00006	
100.00	60.00	0.00006	100.00	50.00	0.00006	
100.00	40.00	0.00006	100.00	30.00	0.00006	
100.00	25.00	0.00006	100.00	20.00	0.00006	
100.00	17.00	0.00006	100.00	15.00	0.00006	
100.00	13.00	0.00006	100.00	11.00	0.00006	
100.00	9.00	0.00006	100.00	-9.00	0.00005	
100.00	-11.00	0.00005	100.00	-13.00	0.00005	
100.00	-15.00	0.00005	100.00	-17.00	0.00005	
100.00	-20.00	0.00005	100.00	-25.00	0.00005	
100.00	-30.00	0.00005	100.00	-40.00	0.00004	
100.00	-50.00	0.00004	100.00	-60.00	0.00004	
100.00	-70.00	0.00004	100.00	-80.00	0.00004	
100.00	-90.00	0.00004	100.00	-100.00	0.00004	
110.00	100.00	0.00006	110.00	90.00	0.00006	
110.00	80.00	0.00006	110.00	70.00	0.00006	
110.00	60.00	0.00006	110.00	50.00	0.00006	
110.00	40.00	0.00006	110.00	30.00	0.00006	
110.00	25.00	0.00006	110.00	20.00	0.00005	
110.00	17.00	0.00005	110.00	15.00	0.00005	
110.00	13.00	0.00005	110.00	11.00	0.00005	
110.00	9.00	0.00005	110.00	-9.00	0.00005	
110.00	-11.00	0.00005	110.00	-13.00	0.00005	
110.00	-15.00	0.00005	110.00	-17.00	0.00005	
110.00	-20.00	0.00005	110.00	-25.00	0.00004	
110.00	-30.00	0.00004	110.00	-40.00	0.00004	
110.00	-50.00	0.00004	110.00	-60.00	0.00004	
110.00	-70.00	0.00004	110.00	-80.00	0.00003	
110.00	-90.00	0.00003	110.00	-100.00	0.00003	
120.00	100.00	0.00006	120.00	90.00	0.00006	
120.00	80.00	0.00006	120.00	70.00	0.00006	
120.00	60.00	0.00005	120.00	50.00	0.00005	
120.00	40.00	0.00005	120.00	30.00	0.00005	

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

120.00 25.00 0.00005 120.00 20.00 0.00005

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00005	120.00	15.00	0.00005
120.00	13.00	0.00005	120.00	11.00	0.00005
120.00	9.00	0.00005	120.00	-9.00	0.00005
120.00	-11.00	0.00004	120.00	-13.00	0.00004
120.00	-15.00	0.00004	120.00	-17.00	0.00004
120.00	-20.00	0.00004	120.00	-25.00	0.00004
120.00	-30.00	0.00004	120.00	-40.00	0.00004
120.00	-50.00	0.00004	120.00	-60.00	0.00003
120.00	-70.00	0.00003	120.00	-80.00	0.00003
120.00	-90.00	0.00003	120.00	-100.00	0.00003
130.00	100.00	0.00005	130.00	90.00	0.00005
130.00	80.00	0.00005	130.00	70.00	0.00005
130.00	60.00	0.00005	130.00	50.00	0.00005
130.00	40.00	0.00005	130.00	30.00	0.00005
130.00	25.00	0.00005	130.00	20.00	0.00005
130.00	17.00	0.00005	130.00	15.00	0.00005
130.00	13.00	0.00005	130.00	11.00	0.00005
130.00	9.00	0.00005	130.00	-9.00	0.00004
130.00	-11.00	0.00004	130.00	-13.00	0.00004
130.00	-15.00	0.00004	130.00	-17.00	0.00004
130.00	-20.00	0.00004	130.00	-25.00	0.00004
130.00	-30.00	0.00004	130.00	-40.00	0.00004
130.00	-50.00	0.00003	130.00	-60.00	0.00003
130.00	-70.00	0.00003	130.00	-80.00	0.00003
130.00	-90.00	0.00003	130.00	-100.00	0.00003
140.00	100.00	0.00005	140.00	90.00	0.00005
140.00	80.00	0.00005	140.00	70.00	0.00005
140.00	60.00	0.00005	140.00	50.00	0.00005
140.00	40.00	0.00005	140.00	30.00	0.00005
140.00	25.00	0.00005	140.00	20.00	0.00005
140.00	17.00	0.00004	140.00	15.00	0.00004
140.00	13.00	0.00004	140.00	11.00	0.00004
140.00	9.00	0.00004	140.00	-9.00	0.00004

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

140.00	-11.00	0.00004	140.00	-13.00	0.00004
140.00	-15.00	0.00004	140.00	-17.00	0.00004
140.00	-20.00	0.00004	140.00	-25.00	0.00004
140.00	-30.00	0.00004	140.00	-40.00	0.00003
140.00	-50.00	0.00003	140.00	-60.00	0.00003
140.00	-70.00	0.00003	140.00	-80.00	0.00003
140.00	-90.00	0.00003	140.00	-100.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00005	150.00	90.00	0.00005
150.00	80.00	0.00005	150.00	70.00	0.00005
150.00	60.00	0.00005	150.00	50.00	0.00005
150.00	40.00	0.00004	150.00	30.00	0.00004
150.00	25.00	0.00004	150.00	20.00	0.00004
150.00	17.00	0.00004	150.00	15.00	0.00004
150.00	13.00	0.00004	150.00	11.00	0.00004
150.00	9.00	0.00004	150.00	-9.00	0.00004
150.00	-11.00	0.00004	150.00	-13.00	0.00004
150.00	-15.00	0.00004	150.00	-17.00	0.00004
150.00	-20.00	0.00004	150.00	-25.00	0.00004
150.00	-30.00	0.00003	150.00	-40.00	0.00003
150.00	-50.00	0.00003	150.00	-60.00	0.00003
150.00	-70.00	0.00003	150.00	-80.00	0.00003
150.00	-90.00	0.00003	150.00	-100.00	0.00003
160.00	100.00	0.00004	160.00	90.00	0.00004
160.00	80.00	0.00004	160.00	70.00	0.00004
160.00	60.00	0.00004	160.00	50.00	0.00004
160.00	40.00	0.00004	160.00	30.00	0.00004
160.00	25.00	0.00004	160.00	20.00	0.00004
160.00	17.00	0.00004	160.00	15.00	0.00004
160.00	13.00	0.00004	160.00	11.00	0.00004
160.00	9.00	0.00004	160.00	-9.00	0.00004
160.00	-11.00	0.00004	160.00	-13.00	0.00004
160.00	-15.00	0.00004	160.00	-17.00	0.00003
160.00	-20.00	0.00003	160.00	-25.00	0.00003
160.00	-30.00	0.00003	160.00	-40.00	0.00003

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

160.00	-50.00	0.00003	160.00	-60.00	0.00003
160.00	-70.00	0.00003	160.00	-80.00	0.00003
160.00	-90.00	0.00003	160.00	-100.00	0.00003
170.00	100.00	0.00004	170.00	90.00	0.00004
170.00	80.00	0.00004	170.00	70.00	0.00004
170.00	60.00	0.00004	170.00	50.00	0.00004
170.00	40.00	0.00004	170.00	30.00	0.00004
170.00	25.00	0.00004	170.00	20.00	0.00004
170.00	17.00	0.00004	170.00	15.00	0.00004
170.00	13.00	0.00004	170.00	11.00	0.00004
170.00	9.00	0.00004	170.00	-9.00	0.00003
170.00	-11.00	0.00003	170.00	-13.00	0.00003
170.00	-15.00	0.00003	170.00	-17.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:
 PAGE 119

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00003	170.00	-25.00	0.00003
170.00	-30.00	0.00003	170.00	-40.00	0.00003
170.00	-50.00	0.00003	170.00	-60.00	0.00003
170.00	-70.00	0.00003	170.00	-80.00	0.00002
170.00	-90.00	0.00002	170.00	-100.00	0.00002
180.00	100.00	0.00004	180.00	90.00	0.00004
180.00	80.00	0.00004	180.00	70.00	0.00004
180.00	60.00	0.00004	180.00	50.00	0.00004
180.00	40.00	0.00004	180.00	30.00	0.00004
180.00	25.00	0.00004	180.00	20.00	0.00004
180.00	17.00	0.00004	180.00	15.00	0.00004
180.00	13.00	0.00004	180.00	11.00	0.00004
180.00	9.00	0.00003	180.00	-9.00	0.00003
180.00	-11.00	0.00003	180.00	-13.00	0.00003
180.00	-15.00	0.00003	180.00	-17.00	0.00003
180.00	-20.00	0.00003	180.00	-25.00	0.00003
180.00	-30.00	0.00003	180.00	-40.00	0.00003
180.00	-50.00	0.00003	180.00	-60.00	0.00003
180.00	-70.00	0.00002	180.00	-80.00	0.00002
180.00	-90.00	0.00002	180.00	-100.00	0.00002
190.00	100.00	0.00004	190.00	90.00	0.00004

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

190.00	80.00	0.00004	190.00	70.00	0.00004
190.00	60.00	0.00004	190.00	50.00	0.00004
190.00	40.00	0.00004	190.00	30.00	0.00004
190.00	25.00	0.00003	190.00	20.00	0.00003
190.00	17.00	0.00003	190.00	15.00	0.00003
190.00	13.00	0.00003	190.00	11.00	0.00003
190.00	9.00	0.00003	190.00	-9.00	0.00003
190.00	-11.00	0.00003	190.00	-13.00	0.00003
190.00	-15.00	0.00003	190.00	-17.00	0.00003
190.00	-20.00	0.00003	190.00	-25.00	0.00003
190.00	-30.00	0.00003	190.00	-40.00	0.00003
190.00	-50.00	0.00003	190.00	-60.00	0.00002
190.00	-70.00	0.00002	190.00	-80.00	0.00002
190.00	-90.00	0.00002	190.00	-100.00	0.00002
200.00	100.00	0.00004	200.00	90.00	0.00004
200.00	80.00	0.00004	200.00	70.00	0.00004
200.00	60.00	0.00003	200.00	50.00	0.00003
200.00	40.00	0.00003	200.00	30.00	0.00003
200.00	25.00	0.00003	200.00	20.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00003	200.00	15.00	0.00003
200.00	13.00	0.00003	200.00	11.00	0.00003
200.00	9.00	0.00003	200.00	-9.00	0.00003
200.00	-11.00	0.00003	200.00	-13.00	0.00003
200.00	-15.00	0.00003	200.00	-17.00	0.00003
200.00	-20.00	0.00003	200.00	-25.00	0.00003
200.00	-30.00	0.00003	200.00	-40.00	0.00003
200.00	-50.00	0.00002	200.00	-60.00	0.00002
200.00	-70.00	0.00002	200.00	-80.00	0.00002
200.00	-90.00	0.00002	200.00	-100.00	0.00002
210.00	100.00	0.00003	210.00	90.00	0.00003
210.00	80.00	0.00003	210.00	70.00	0.00003
210.00	60.00	0.00003	210.00	50.00	0.00003
210.00	40.00	0.00003	210.00	30.00	0.00003
210.00	25.00	0.00003	210.00	20.00	0.00003

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

210.00	17.00	0.00003	210.00	15.00	0.00003
210.00	13.00	0.00003	210.00	11.00	0.00003
210.00	9.00	0.00003	210.00	-9.00	0.00003
210.00	-11.00	0.00003	210.00	-13.00	0.00003
210.00	-15.00	0.00003	210.00	-17.00	0.00003
210.00	-20.00	0.00003	210.00	-25.00	0.00003
210.00	-30.00	0.00003	210.00	-40.00	0.00002
210.00	-50.00	0.00002	210.00	-60.00	0.00002
210.00	-70.00	0.00002	210.00	-80.00	0.00002
210.00	-90.00	0.00002	210.00	-100.00	0.00002
220.00	100.00	0.00003	220.00	90.00	0.00003
220.00	80.00	0.00003	220.00	70.00	0.00003
220.00	60.00	0.00003	220.00	50.00	0.00003
220.00	40.00	0.00003	220.00	30.00	0.00003
220.00	25.00	0.00003	220.00	20.00	0.00003
220.00	17.00	0.00003	220.00	15.00	0.00003
220.00	13.00	0.00003	220.00	11.00	0.00003
220.00	9.00	0.00003	220.00	-9.00	0.00003
220.00	-11.00	0.00003	220.00	-13.00	0.00003
220.00	-15.00	0.00003	220.00	-17.00	0.00003
220.00	-20.00	0.00003	220.00	-25.00	0.00003
220.00	-30.00	0.00002	220.00	-40.00	0.00002
220.00	-50.00	0.00002	220.00	-60.00	0.00002
220.00	-70.00	0.00002	220.00	-80.00	0.00002
220.00	-90.00	0.00002	220.00	-100.00	0.00002

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00003	230.00	90.00	0.00003
230.00	80.00	0.00003	230.00	70.00	0.00003
230.00	60.00	0.00003	230.00	50.00	0.00003
230.00	40.00	0.00003	230.00	30.00	0.00003
230.00	25.00	0.00003	230.00	20.00	0.00003
230.00	17.00	0.00003	230.00	15.00	0.00003
230.00	13.00	0.00003	230.00	11.00	0.00003
230.00	9.00	0.00003	230.00	-9.00	0.00003
230.00	-11.00	0.00003	230.00	-13.00	0.00003

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

230.00	-15.00	0.00003	230.00	-17.00	0.00002
230.00	-20.00	0.00002	230.00	-25.00	0.00002
230.00	-30.00	0.00002	230.00	-40.00	0.00002
230.00	-50.00	0.00002	230.00	-60.00	0.00002
230.00	-70.00	0.00002	230.00	-80.00	0.00002
230.00	-90.00	0.00002	230.00	-100.00	0.00002
240.00	100.00	0.00003	240.00	90.00	0.00003
240.00	80.00	0.00003	240.00	70.00	0.00003
240.00	60.00	0.00003	240.00	50.00	0.00003
240.00	40.00	0.00003	240.00	30.00	0.00003
240.00	25.00	0.00003	240.00	20.00	0.00003
240.00	17.00	0.00003	240.00	15.00	0.00003
240.00	13.00	0.00003	240.00	11.00	0.00003
240.00	9.00	0.00003	240.00	-9.00	0.00002
240.00	-11.00	0.00002	240.00	-13.00	0.00002
240.00	-15.00	0.00002	240.00	-17.00	0.00002
240.00	-20.00	0.00002	240.00	-25.00	0.00002
240.00	-30.00	0.00002	240.00	-40.00	0.00002
240.00	-50.00	0.00002	240.00	-60.00	0.00002
240.00	-70.00	0.00002	240.00	-80.00	0.00002
240.00	-90.00	0.00002	240.00	-100.00	0.00002
250.00	100.00	0.00003	250.00	90.00	0.00003
250.00	80.00	0.00003	250.00	70.00	0.00003
250.00	60.00	0.00003	250.00	50.00	0.00003
250.00	40.00	0.00003	250.00	30.00	0.00003
250.00	25.00	0.00003	250.00	20.00	0.00003
250.00	17.00	0.00003	250.00	15.00	0.00003
250.00	13.00	0.00003	250.00	11.00	0.00003
250.00	9.00	0.00003	250.00	-9.00	0.00002
250.00	-11.00	0.00002	250.00	-13.00	0.00002
250.00	-15.00	0.00002	250.00	-17.00	0.00002

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00002	250.00	-25.00	0.00002
250.00	-30.00	0.00002	250.00	-40.00	0.00002
250.00	-50.00	0.00002	250.00	-60.00	0.00002

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

250.00	-70.00	0.00002	250.00	-80.00	0.00002
250.00	-90.00	0.00002	250.00	-100.00	0.00002

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00103	-250.00	90.00	0.00107
-250.00	80.00	0.00111	-250.00	70.00	0.00115
-250.00	60.00	0.00119	-250.00	50.00	0.00124
-250.00	40.00	0.00130	-250.00	30.00	0.00139
-250.00	25.00	0.00145	-250.00	20.00	0.00153
-250.00	17.00	0.00159	-250.00	15.00	0.00163
-250.00	13.00	0.00167	-250.00	11.00	0.00173
-250.00	9.00	0.00179	-250.00	-9.00	0.00267
-250.00	-11.00	0.00281	-250.00	-13.00	0.00294
-250.00	-15.00	0.00306	-250.00	-17.00	0.00316
-250.00	-20.00	0.00328	-250.00	-25.00	0.00339
-250.00	-30.00	0.00342	-250.00	-40.00	0.00336
-250.00	-50.00	0.00321	-250.00	-60.00	0.00302
-250.00	-70.00	0.00283	-250.00	-80.00	0.00264
-250.00	-90.00	0.00246	-250.00	-100.00	0.00230
-240.00	100.00	0.00127	-240.00	90.00	0.00134
-240.00	80.00	0.00142	-240.00	70.00	0.00149
-240.00	60.00	0.00156	-240.00	50.00	0.00162
-240.00	40.00	0.00166	-240.00	30.00	0.00169
-240.00	25.00	0.00173	-240.00	20.00	0.00178
-240.00	17.00	0.00183	-240.00	15.00	0.00188
-240.00	13.00	0.00193	-240.00	11.00	0.00198
-240.00	9.00	0.00205	-240.00	-9.00	0.00343
-240.00	-11.00	0.00360	-240.00	-13.00	0.00374
-240.00	-15.00	0.00385	-240.00	-17.00	0.00392
-240.00	-20.00	0.00399	-240.00	-25.00	0.00404
-240.00	-30.00	0.00401	-240.00	-40.00	0.00385
-240.00	-50.00	0.00361	-240.00	-60.00	0.00335
-240.00	-70.00	0.00309	-240.00	-80.00	0.00286
-240.00	-90.00	0.00264	-240.00	-100.00	0.00245
-230.00	100.00	0.00154	-230.00	90.00	0.00166
-230.00	80.00	0.00180	-230.00	70.00	0.00195

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-230.00	60.00	0.00212	-230.00	50.00	0.00229
-230.00	40.00	0.00246	-230.00	30.00	0.00257
-230.00	25.00	0.00258	-230.00	20.00	0.00256
-230.00	17.00	0.00253	-230.00	15.00	0.00251
-230.00	13.00	0.00250	-230.00	11.00	0.00250
-230.00	9.00	0.00253	-230.00	-9.00	0.00459
-230.00	-11.00	0.00468	-230.00	-13.00	0.00475
-230.00	-15.00	0.00478	-230.00	-17.00	0.00481

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00481	-230.00	-25.00	0.00475
-230.00	-30.00	0.00464	-230.00	-40.00	0.00434
-230.00	-50.00	0.00399	-230.00	-60.00	0.00365
-230.00	-70.00	0.00334	-230.00	-80.00	0.00306
-230.00	-90.00	0.00281	-230.00	-100.00	0.00259
-220.00	100.00	0.00181	-220.00	90.00	0.00198
-220.00	80.00	0.00219	-220.00	70.00	0.00243
-220.00	60.00	0.00272	-220.00	50.00	0.00306
-220.00	40.00	0.00346	-220.00	30.00	0.00392
-220.00	25.00	0.00417	-220.00	20.00	0.00443
-220.00	17.00	0.00458	-220.00	15.00	0.00468
-220.00	13.00	0.00479	-220.00	11.00	0.00492
-220.00	9.00	0.00508	-220.00	-9.00	0.00573
-220.00	-11.00	0.00568	-220.00	-13.00	0.00564
-220.00	-15.00	0.00561	-220.00	-17.00	0.00557
-220.00	-20.00	0.00550	-220.00	-25.00	0.00535
-220.00	-30.00	0.00516	-220.00	-40.00	0.00475
-220.00	-50.00	0.00432	-220.00	-60.00	0.00391
-220.00	-70.00	0.00355	-220.00	-80.00	0.00323
-220.00	-90.00	0.00295	-220.00	-100.00	0.00271
-210.00	100.00	0.00205	-210.00	90.00	0.00227
-210.00	80.00	0.00253	-210.00	70.00	0.00285
-210.00	60.00	0.00323	-210.00	50.00	0.00369
-210.00	40.00	0.00424	-210.00	30.00	0.00488
-210.00	25.00	0.00521	-210.00	20.00	0.00553
-210.00	17.00	0.00571	-210.00	15.00	0.00581

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-210.00	13.00	0.00589	-210.00	11.00	0.00597
-210.00	9.00	0.00605	-210.00	-9.00	0.00601
-210.00	-11.00	0.00596	-210.00	-13.00	0.00593
-210.00	-15.00	0.00590	-210.00	-17.00	0.00586
-210.00	-20.00	0.00579	-210.00	-25.00	0.00563
-210.00	-30.00	0.00545	-210.00	-40.00	0.00501
-210.00	-50.00	0.00455	-210.00	-60.00	0.00411
-210.00	-70.00	0.00372	-210.00	-80.00	0.00337
-210.00	-90.00	0.00307	-210.00	-100.00	0.00281
-200.00	100.00	0.00227	-200.00	90.00	0.00252
-200.00	80.00	0.00282	-200.00	70.00	0.00319
-200.00	60.00	0.00362	-200.00	50.00	0.00415
-200.00	40.00	0.00476	-200.00	30.00	0.00544
-200.00	25.00	0.00578	-200.00	20.00	0.00608

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:
 PAGE 125

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00622	-200.00	15.00	0.00629
-200.00	13.00	0.00635	-200.00	11.00	0.00639
-200.00	9.00	0.00643	-200.00	-9.00	0.00618
-200.00	-11.00	0.00613	-200.00	-13.00	0.00609
-200.00	-15.00	0.00606	-200.00	-17.00	0.00602
-200.00	-20.00	0.00595	-200.00	-25.00	0.00579
-200.00	-30.00	0.00560	-200.00	-40.00	0.00515
-200.00	-50.00	0.00468	-200.00	-60.00	0.00424
-200.00	-70.00	0.00383	-200.00	-80.00	0.00347
-200.00	-90.00	0.00316	-200.00	-100.00	0.00289
-190.00	100.00	0.00245	-190.00	90.00	0.00273
-190.00	80.00	0.00306	-190.00	70.00	0.00345
-190.00	60.00	0.00392	-190.00	50.00	0.00446
-190.00	40.00	0.00510	-190.00	30.00	0.00578
-190.00	25.00	0.00611	-190.00	20.00	0.00638
-190.00	17.00	0.00650	-190.00	15.00	0.00656
-190.00	13.00	0.00660	-190.00	11.00	0.00663
-190.00	9.00	0.00666	-190.00	-9.00	0.00629
-190.00	-11.00	0.00624	-190.00	-13.00	0.00620
-190.00	-15.00	0.00617	-190.00	-17.00	0.00613

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-190.00	-20.00	0.00606	-190.00	-25.00	0.00591
-190.00	-30.00	0.00571	-190.00	-40.00	0.00525
-190.00	-50.00	0.00477	-190.00	-60.00	0.00432
-190.00	-70.00	0.00391	-190.00	-80.00	0.00355
-190.00	-90.00	0.00323	-190.00	-100.00	0.00295
-180.00	100.00	0.00261	-180.00	90.00	0.00290
-180.00	80.00	0.00324	-180.00	70.00	0.00365
-180.00	60.00	0.00413	-180.00	50.00	0.00470
-180.00	40.00	0.00534	-180.00	30.00	0.00600
-180.00	25.00	0.00631	-180.00	20.00	0.00656
-180.00	17.00	0.00667	-180.00	15.00	0.00673
-180.00	13.00	0.00676	-180.00	11.00	0.00679
-180.00	9.00	0.00681	-180.00	-9.00	0.00638
-180.00	-11.00	0.00633	-180.00	-13.00	0.00629
-180.00	-15.00	0.00625	-180.00	-17.00	0.00621
-180.00	-20.00	0.00614	-180.00	-25.00	0.00599
-180.00	-30.00	0.00579	-180.00	-40.00	0.00533
-180.00	-50.00	0.00484	-180.00	-60.00	0.00438
-180.00	-70.00	0.00396	-180.00	-80.00	0.00360
-180.00	-90.00	0.00327	-180.00	-100.00	0.00299

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTS:
 PAGE 126
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00273	-170.00	90.00	0.00303
-170.00	80.00	0.00339	-170.00	70.00	0.00381
-170.00	60.00	0.00430	-170.00	50.00	0.00487
-170.00	40.00	0.00550	-170.00	30.00	0.00614
-170.00	25.00	0.00644	-170.00	20.00	0.00669
-170.00	17.00	0.00680	-170.00	15.00	0.00685
-170.00	13.00	0.00688	-170.00	11.00	0.00690
-170.00	9.00	0.00692	-170.00	-9.00	0.00645
-170.00	-11.00	0.00639	-170.00	-13.00	0.00635
-170.00	-15.00	0.00631	-170.00	-17.00	0.00627
-170.00	-20.00	0.00620	-170.00	-25.00	0.00604
-170.00	-30.00	0.00585	-170.00	-40.00	0.00539
-170.00	-50.00	0.00490	-170.00	-60.00	0.00443
-170.00	-70.00	0.00401	-170.00	-80.00	0.00363

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-170.00	-90.00	0.00331	-170.00	-100.00	0.00302
-160.00	100.00	0.00283	-160.00	90.00	0.00314
-160.00	80.00	0.00350	-160.00	70.00	0.00393
-160.00	60.00	0.00443	-160.00	50.00	0.00499
-160.00	40.00	0.00561	-160.00	30.00	0.00624
-160.00	25.00	0.00654	-160.00	20.00	0.00679
-160.00	17.00	0.00689	-160.00	15.00	0.00694
-160.00	13.00	0.00697	-160.00	11.00	0.00699
-160.00	9.00	0.00701	-160.00	-9.00	0.00651
-160.00	-11.00	0.00644	-160.00	-13.00	0.00640
-160.00	-15.00	0.00636	-160.00	-17.00	0.00632
-160.00	-20.00	0.00625	-160.00	-25.00	0.00609
-160.00	-30.00	0.00589	-160.00	-40.00	0.00543
-160.00	-50.00	0.00494	-160.00	-60.00	0.00447
-160.00	-70.00	0.00404	-160.00	-80.00	0.00366
-160.00	-90.00	0.00333	-160.00	-100.00	0.00305
-150.00	100.00	0.00292	-150.00	90.00	0.00323
-150.00	80.00	0.00360	-150.00	70.00	0.00403
-150.00	60.00	0.00452	-150.00	50.00	0.00508
-150.00	40.00	0.00569	-150.00	30.00	0.00632
-150.00	25.00	0.00661	-150.00	20.00	0.00686
-150.00	17.00	0.00696	-150.00	15.00	0.00701
-150.00	13.00	0.00704	-150.00	11.00	0.00706
-150.00	9.00	0.00707	-150.00	-9.00	0.00656
-150.00	-11.00	0.00649	-150.00	-13.00	0.00644
-150.00	-15.00	0.00640	-150.00	-17.00	0.00636

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTS:
 PAGE 127
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00628	-150.00	-25.00	0.00612
-150.00	-30.00	0.00592	-150.00	-40.00	0.00546
-150.00	-50.00	0.00497	-150.00	-60.00	0.00450
-150.00	-70.00	0.00407	-150.00	-80.00	0.00369
-150.00	-90.00	0.00336	-150.00	-100.00	0.00306
-140.00	100.00	0.00299	-140.00	90.00	0.00331
-140.00	80.00	0.00368	-140.00	70.00	0.00410
-140.00	60.00	0.00459	-140.00	50.00	0.00515

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-140.00	40.00	0.00575	-140.00	30.00	0.00638
-140.00	25.00	0.00667	-140.00	20.00	0.00691
-140.00	17.00	0.00701	-140.00	15.00	0.00706
-140.00	13.00	0.00709	-140.00	11.00	0.00711
-140.00	9.00	0.00714	-140.00	-9.00	0.00660
-140.00	-11.00	0.00653	-140.00	-13.00	0.00647
-140.00	-15.00	0.00643	-140.00	-17.00	0.00639
-140.00	-20.00	0.00631	-140.00	-25.00	0.00615
-140.00	-30.00	0.00595	-140.00	-40.00	0.00548
-140.00	-50.00	0.00499	-140.00	-60.00	0.00452
-140.00	-70.00	0.00409	-140.00	-80.00	0.00371
-140.00	-90.00	0.00337	-140.00	-100.00	0.00308
-130.00	100.00	0.00305	-130.00	90.00	0.00337
-130.00	80.00	0.00374	-130.00	70.00	0.00416
-130.00	60.00	0.00465	-130.00	50.00	0.00520
-130.00	40.00	0.00580	-130.00	30.00	0.00642
-130.00	25.00	0.00671	-130.00	20.00	0.00695
-130.00	17.00	0.00706	-130.00	15.00	0.00710
-130.00	13.00	0.00713	-130.00	11.00	0.00715
-130.00	9.00	0.00718	-130.00	-9.00	0.00662
-130.00	-11.00	0.00655	-130.00	-13.00	0.00650
-130.00	-15.00	0.00646	-130.00	-17.00	0.00641
-130.00	-20.00	0.00633	-130.00	-25.00	0.00617
-130.00	-30.00	0.00597	-130.00	-40.00	0.00550
-130.00	-50.00	0.00501	-130.00	-60.00	0.00454
-130.00	-70.00	0.00411	-130.00	-80.00	0.00372
-130.00	-90.00	0.00339	-130.00	-100.00	0.00309
-120.00	100.00	0.00310	-120.00	90.00	0.00342
-120.00	80.00	0.00379	-120.00	70.00	0.00421
-120.00	60.00	0.00469	-120.00	50.00	0.00524
-120.00	40.00	0.00584	-120.00	30.00	0.00646
-120.00	25.00	0.00675	-120.00	20.00	0.00699

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTS:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00709	-120.00	15.00	0.00714
-120.00	13.00	0.00716	-120.00	11.00	0.00718

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-120.00	9.00	0.00720	-120.00	-9.00	0.00664
-120.00	-11.00	0.00657	-120.00	-13.00	0.00652
-120.00	-15.00	0.00647	-120.00	-17.00	0.00643
-120.00	-20.00	0.00635	-120.00	-25.00	0.00618
-120.00	-30.00	0.00598	-120.00	-40.00	0.00552
-120.00	-50.00	0.00502	-120.00	-60.00	0.00455
-120.00	-70.00	0.00412	-120.00	-80.00	0.00373
-120.00	-90.00	0.00339	-120.00	-100.00	0.00310
-110.00	100.00	0.00314	-110.00	90.00	0.00346
-110.00	80.00	0.00383	-110.00	70.00	0.00424
-110.00	60.00	0.00472	-110.00	50.00	0.00527
-110.00	40.00	0.00587	-110.00	30.00	0.00649
-110.00	25.00	0.00678	-110.00	20.00	0.00701
-110.00	17.00	0.00712	-110.00	15.00	0.00716
-110.00	13.00	0.00719	-110.00	11.00	0.00720
-110.00	9.00	0.00722	-110.00	-9.00	0.00665
-110.00	-11.00	0.00658	-110.00	-13.00	0.00653
-110.00	-15.00	0.00649	-110.00	-17.00	0.00644
-110.00	-20.00	0.00636	-110.00	-25.00	0.00619
-110.00	-30.00	0.00599	-110.00	-40.00	0.00553
-110.00	-50.00	0.00503	-110.00	-60.00	0.00456
-110.00	-70.00	0.00412	-110.00	-80.00	0.00374
-110.00	-90.00	0.00340	-110.00	-100.00	0.00310
-100.00	100.00	0.00318	-100.00	90.00	0.00349
-100.00	80.00	0.00386	-100.00	70.00	0.00427
-100.00	60.00	0.00475	-100.00	50.00	0.00530
-100.00	40.00	0.00589	-100.00	30.00	0.00651
-100.00	25.00	0.00680	-100.00	20.00	0.00704
-100.00	17.00	0.00714	-100.00	15.00	0.00718
-100.00	13.00	0.00721	-100.00	11.00	0.00722
-100.00	9.00	0.00724	-100.00	-9.00	0.00666
-100.00	-11.00	0.00659	-100.00	-13.00	0.00654
-100.00	-15.00	0.00650	-100.00	-17.00	0.00645
-100.00	-20.00	0.00637	-100.00	-25.00	0.00620
-100.00	-30.00	0.00600	-100.00	-40.00	0.00553
-100.00	-50.00	0.00503	-100.00	-60.00	0.00456
-100.00	-70.00	0.00413	-100.00	-80.00	0.00374
-100.00	-90.00	0.00340	-100.00	-100.00	0.00310

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00320	-90.00	90.00	0.00352
-90.00	80.00	0.00388	-90.00	70.00	0.00429
-90.00	60.00	0.00477	-90.00	50.00	0.00532
-90.00	40.00	0.00591	-90.00	30.00	0.00653
-90.00	25.00	0.00682	-90.00	20.00	0.00705
-90.00	17.00	0.00715	-90.00	15.00	0.00720
-90.00	13.00	0.00722	-90.00	11.00	0.00724
-90.00	9.00	0.00726	-90.00	-9.00	0.00667
-90.00	-11.00	0.00660	-90.00	-13.00	0.00655
-90.00	-15.00	0.00650	-90.00	-17.00	0.00646
-90.00	-20.00	0.00638	-90.00	-25.00	0.00621
-90.00	-30.00	0.00600	-90.00	-40.00	0.00553
-90.00	-50.00	0.00504	-90.00	-60.00	0.00456
-90.00	-70.00	0.00413	-90.00	-80.00	0.00374
-90.00	-90.00	0.00340	-90.00	-100.00	0.00310
-80.00	100.00	0.00322	-80.00	90.00	0.00354
-80.00	80.00	0.00390	-80.00	70.00	0.00431
-80.00	60.00	0.00479	-80.00	50.00	0.00533
-80.00	40.00	0.00593	-80.00	30.00	0.00654
-80.00	25.00	0.00683	-80.00	20.00	0.00706
-80.00	17.00	0.00717	-80.00	15.00	0.00721
-80.00	13.00	0.00724	-80.00	11.00	0.00725
-80.00	9.00	0.00726	-80.00	-9.00	0.00668
-80.00	-11.00	0.00661	-80.00	-13.00	0.00656
-80.00	-15.00	0.00651	-80.00	-17.00	0.00646
-80.00	-20.00	0.00638	-80.00	-25.00	0.00621
-80.00	-30.00	0.00601	-80.00	-40.00	0.00553
-80.00	-50.00	0.00504	-80.00	-60.00	0.00456
-80.00	-70.00	0.00412	-80.00	-80.00	0.00374
-80.00	-90.00	0.00339	-80.00	-100.00	0.00309
-70.00	100.00	0.00324	-70.00	90.00	0.00355
-70.00	80.00	0.00391	-70.00	70.00	0.00433
-70.00	60.00	0.00480	-70.00	50.00	0.00534
-70.00	40.00	0.00594	-70.00	30.00	0.00655
-70.00	25.00	0.00684	-70.00	20.00	0.00707
-70.00	17.00	0.00718	-70.00	15.00	0.00722
-70.00	13.00	0.00724	-70.00	11.00	0.00726
-70.00	9.00	0.00727	-70.00	-9.00	0.00669
-70.00	-11.00	0.00661	-70.00	-13.00	0.00656
-70.00	-15.00	0.00651	-70.00	-17.00	0.00646

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:36:35

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00638	-70.00	-25.00	0.00621
-70.00	-30.00	0.00600	-70.00	-40.00	0.00553
-70.00	-50.00	0.00503	-70.00	-60.00	0.00455
-70.00	-70.00	0.00412	-70.00	-80.00	0.00373
-70.00	-90.00	0.00339	-70.00	-100.00	0.00308
-60.00	100.00	0.00325	-60.00	90.00	0.00357
-60.00	80.00	0.00392	-60.00	70.00	0.00434
-60.00	60.00	0.00481	-60.00	50.00	0.00535
-60.00	40.00	0.00595	-60.00	30.00	0.00656
-60.00	25.00	0.00685	-60.00	20.00	0.00708
-60.00	17.00	0.00718	-60.00	15.00	0.00723
-60.00	13.00	0.00725	-60.00	11.00	0.00727
-60.00	9.00	0.00728	-60.00	-9.00	0.00669
-60.00	-11.00	0.00662	-60.00	-13.00	0.00656
-60.00	-15.00	0.00651	-60.00	-17.00	0.00646
-60.00	-20.00	0.00638	-60.00	-25.00	0.00621
-60.00	-30.00	0.00600	-60.00	-40.00	0.00552
-60.00	-50.00	0.00503	-60.00	-60.00	0.00455
-60.00	-70.00	0.00411	-60.00	-80.00	0.00372
-60.00	-90.00	0.00338	-60.00	-100.00	0.00307
-50.00	100.00	0.00327	-50.00	90.00	0.00358
-50.00	80.00	0.00393	-50.00	70.00	0.00435
-50.00	60.00	0.00482	-50.00	50.00	0.00536
-50.00	40.00	0.00595	-50.00	30.00	0.00656
-50.00	25.00	0.00685	-50.00	20.00	0.00709
-50.00	17.00	0.00718	-50.00	15.00	0.00723
-50.00	13.00	0.00725	-50.00	11.00	0.00727
-50.00	9.00	0.00729	-50.00	-9.00	0.00669
-50.00	-11.00	0.00662	-50.00	-13.00	0.00656
-50.00	-15.00	0.00651	-50.00	-17.00	0.00646
-50.00	-20.00	0.00637	-50.00	-25.00	0.00620
-50.00	-30.00	0.00599	-50.00	-40.00	0.00552
-50.00	-50.00	0.00502	-50.00	-60.00	0.00454
-50.00	-70.00	0.00410	-50.00	-80.00	0.00371

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-50.00	-90.00	0.00336	-50.00	-100.00	0.00306
-40.00	100.00	0.00327	-40.00	90.00	0.00358
-40.00	80.00	0.00394	-40.00	70.00	0.00435
-40.00	60.00	0.00483	-40.00	50.00	0.00536
-40.00	40.00	0.00596	-40.00	30.00	0.00657
-40.00	25.00	0.00685	-40.00	20.00	0.00709

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00719	-40.00	15.00	0.00723
-40.00	13.00	0.00725	-40.00	11.00	0.00727
-40.00	9.00	0.00729	-40.00	-9.00	0.00669
-40.00	-11.00	0.00661	-40.00	-13.00	0.00655
-40.00	-15.00	0.00651	-40.00	-17.00	0.00645
-40.00	-20.00	0.00637	-40.00	-25.00	0.00619
-40.00	-30.00	0.00599	-40.00	-40.00	0.00551
-40.00	-50.00	0.00501	-40.00	-60.00	0.00452
-40.00	-70.00	0.00409	-40.00	-80.00	0.00369
-40.00	-90.00	0.00335	-40.00	-100.00	0.00304
-30.00	100.00	0.00328	-30.00	90.00	0.00359
-30.00	80.00	0.00395	-30.00	70.00	0.00436
-30.00	60.00	0.00483	-30.00	50.00	0.00537
-30.00	40.00	0.00596	-30.00	30.00	0.00657
-30.00	25.00	0.00685	-30.00	20.00	0.00708
-30.00	17.00	0.00718	-30.00	15.00	0.00723
-30.00	13.00	0.00725	-30.00	11.00	0.00726
-30.00	9.00	0.00728	-30.00	-9.00	0.00667
-30.00	-11.00	0.00660	-30.00	-13.00	0.00655
-30.00	-15.00	0.00650	-30.00	-17.00	0.00645
-30.00	-20.00	0.00636	-30.00	-25.00	0.00619
-30.00	-30.00	0.00598	-30.00	-40.00	0.00550
-30.00	-50.00	0.00499	-30.00	-60.00	0.00451
-30.00	-70.00	0.00407	-30.00	-80.00	0.00368
-30.00	-90.00	0.00333	-30.00	-100.00	0.00302
-20.00	100.00	0.00328	-20.00	90.00	0.00359
-20.00	80.00	0.00395	-20.00	70.00	0.00436
-20.00	60.00	0.00483	-20.00	50.00	0.00537

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

-20.00	40.00	0.00596	-20.00	30.00	0.00657
-20.00	25.00	0.00685	-20.00	20.00	0.00708
-20.00	17.00	0.00718	-20.00	15.00	0.00722
-20.00	13.00	0.00725	-20.00	11.00	0.00726
-20.00	9.00	0.00727	-20.00	-9.00	0.00667
-20.00	-11.00	0.00659	-20.00	-13.00	0.00654
-20.00	-15.00	0.00649	-20.00	-17.00	0.00644
-20.00	-20.00	0.00635	-20.00	-25.00	0.00617
-20.00	-30.00	0.00597	-20.00	-40.00	0.00548
-20.00	-50.00	0.00498	-20.00	-60.00	0.00449
-20.00	-70.00	0.00405	-20.00	-80.00	0.00366
-20.00	-90.00	0.00331	-20.00	-100.00	0.00300

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00328	-10.00	90.00	0.00359
-10.00	80.00	0.00395	-10.00	70.00	0.00436
-10.00	60.00	0.00483	-10.00	50.00	0.00536
-10.00	40.00	0.00595	-10.00	30.00	0.00656
-10.00	25.00	0.00684	-10.00	20.00	0.00707
-10.00	17.00	0.00717	-10.00	15.00	0.00721
-10.00	13.00	0.00724	-10.00	11.00	0.00725
-10.00	9.00	0.00726	-10.00	-9.00	0.00665
-10.00	-11.00	0.00658	-10.00	-13.00	0.00653
-10.00	-15.00	0.00648	-10.00	-17.00	0.00642
-10.00	-20.00	0.00634	-10.00	-25.00	0.00616
-10.00	-30.00	0.00595	-10.00	-40.00	0.00547
-10.00	-50.00	0.00496	-10.00	-60.00	0.00447
-10.00	-70.00	0.00403	-10.00	-80.00	0.00363
-10.00	-90.00	0.00328	-10.00	-100.00	0.00297
0.00	100.00	0.00328	0.00	90.00	0.00359
0.00	80.00	0.00395	0.00	70.00	0.00436
0.00	60.00	0.00483	0.00	50.00	0.00536
0.00	40.00	0.00595	0.00	30.00	0.00655
0.00	25.00	0.00683	0.00	20.00	0.00706
0.00	17.00	0.00716	0.00	15.00	0.00720
0.00	13.00	0.00723	0.00	11.00	0.00724

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

0.00	9.00	0.00725	0.00	-9.00	0.00664
0.00	-11.00	0.00657	0.00	-13.00	0.00651
0.00	-15.00	0.00646	0.00	-17.00	0.00641
0.00	-20.00	0.00632	0.00	-25.00	0.00615
0.00	-30.00	0.00593	0.00	-40.00	0.00545
0.00	-50.00	0.00494	0.00	-60.00	0.00445
0.00	-70.00	0.00400	0.00	-80.00	0.00361
0.00	-90.00	0.00325	0.00	-100.00	0.00294
10.00	100.00	0.00328	10.00	90.00	0.00359
10.00	80.00	0.00394	10.00	70.00	0.00435
10.00	60.00	0.00482	10.00	50.00	0.00535
10.00	40.00	0.00594	10.00	30.00	0.00655
10.00	25.00	0.00683	10.00	20.00	0.00705
10.00	17.00	0.00715	10.00	15.00	0.00719
10.00	13.00	0.00722	10.00	11.00	0.00723
10.00	9.00	0.00724	10.00	-9.00	0.00663
10.00	-11.00	0.00655	10.00	-13.00	0.00650
10.00	-15.00	0.00645	10.00	-17.00	0.00639

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 133
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00631	10.00	-25.00	0.00613
10.00	-30.00	0.00591	10.00	-40.00	0.00542
10.00	-50.00	0.00491	10.00	-60.00	0.00442
10.00	-70.00	0.00398	10.00	-80.00	0.00358
10.00	-90.00	0.00322	10.00	-100.00	0.00291
20.00	100.00	0.00328	20.00	90.00	0.00359
20.00	80.00	0.00394	20.00	70.00	0.00435
20.00	60.00	0.00482	20.00	50.00	0.00535
20.00	40.00	0.00593	20.00	30.00	0.00654
20.00	25.00	0.00681	20.00	20.00	0.00704
20.00	17.00	0.00714	20.00	15.00	0.00718
20.00	13.00	0.00720	20.00	11.00	0.00721
20.00	9.00	0.00723	20.00	-9.00	0.00661
20.00	-11.00	0.00653	20.00	-13.00	0.00648
20.00	-15.00	0.00643	20.00	-17.00	0.00637
20.00	-20.00	0.00629	20.00	-25.00	0.00610

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

20.00	-30.00	0.00589	20.00	-40.00	0.00540
20.00	-50.00	0.00488	20.00	-60.00	0.00439
20.00	-70.00	0.00394	20.00	-80.00	0.00354
20.00	-90.00	0.00318	20.00	-100.00	0.00287
30.00	100.00	0.00327	30.00	90.00	0.00358
30.00	80.00	0.00393	30.00	70.00	0.00434
30.00	60.00	0.00481	30.00	50.00	0.00534
30.00	40.00	0.00592	30.00	30.00	0.00652
30.00	25.00	0.00680	30.00	20.00	0.00703
30.00	17.00	0.00713	30.00	15.00	0.00717
30.00	13.00	0.00719	30.00	11.00	0.00720
30.00	9.00	0.00721	30.00	-9.00	0.00660
30.00	-11.00	0.00652	30.00	-13.00	0.00646
30.00	-15.00	0.00641	30.00	-17.00	0.00635
30.00	-20.00	0.00626	30.00	-25.00	0.00608
30.00	-30.00	0.00586	30.00	-40.00	0.00537
30.00	-50.00	0.00485	30.00	-60.00	0.00436
30.00	-70.00	0.00391	30.00	-80.00	0.00350
30.00	-90.00	0.00314	30.00	-100.00	0.00283
40.00	100.00	0.00327	40.00	90.00	0.00357
40.00	80.00	0.00392	40.00	70.00	0.00433
40.00	60.00	0.00480	40.00	50.00	0.00533
40.00	40.00	0.00591	40.00	30.00	0.00651
40.00	25.00	0.00679	40.00	20.00	0.00701

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:

PAGE 134

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00710	40.00	15.00	0.00715
40.00	13.00	0.00717	40.00	11.00	0.00719
40.00	9.00	0.00720	40.00	-9.00	0.00657
40.00	-11.00	0.00649	40.00	-13.00	0.00643
40.00	-15.00	0.00638	40.00	-17.00	0.00632
40.00	-20.00	0.00623	40.00	-25.00	0.00605
40.00	-30.00	0.00583	40.00	-40.00	0.00534
40.00	-50.00	0.00482	40.00	-60.00	0.00432
40.00	-70.00	0.00386	40.00	-80.00	0.00346
40.00	-90.00	0.00310	40.00	-100.00	0.00278

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

50.00	100.00	0.00326	50.00	90.00	0.00356
50.00	80.00	0.00391	50.00	70.00	0.00432
50.00	60.00	0.00478	50.00	50.00	0.00531
50.00	40.00	0.00589	50.00	30.00	0.00649
50.00	25.00	0.00676	50.00	20.00	0.00699
50.00	17.00	0.00709	50.00	15.00	0.00713
50.00	13.00	0.00715	50.00	11.00	0.00716
50.00	9.00	0.00718	50.00	-9.00	0.00654
50.00	-11.00	0.00646	50.00	-13.00	0.00640
50.00	-15.00	0.00635	50.00	-17.00	0.00629
50.00	-20.00	0.00620	50.00	-25.00	0.00602
50.00	-30.00	0.00580	50.00	-40.00	0.00530
50.00	-50.00	0.00477	50.00	-60.00	0.00427
50.00	-70.00	0.00381	50.00	-80.00	0.00340
50.00	-90.00	0.00304	50.00	-100.00	0.00273
60.00	100.00	0.00325	60.00	90.00	0.00355
60.00	80.00	0.00390	60.00	70.00	0.00431
60.00	60.00	0.00477	60.00	50.00	0.00530
60.00	40.00	0.00588	60.00	30.00	0.00647
60.00	25.00	0.00674	60.00	20.00	0.00697
60.00	17.00	0.00706	60.00	15.00	0.00710
60.00	13.00	0.00712	60.00	11.00	0.00713
60.00	9.00	0.00715	60.00	-9.00	0.00651
60.00	-11.00	0.00643	60.00	-13.00	0.00637
60.00	-15.00	0.00632	60.00	-17.00	0.00626
60.00	-20.00	0.00617	60.00	-25.00	0.00598
60.00	-30.00	0.00576	60.00	-40.00	0.00525
60.00	-50.00	0.00472	60.00	-60.00	0.00422
60.00	-70.00	0.00376	60.00	-80.00	0.00335
60.00	-90.00	0.00298	60.00	-100.00	0.00267

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 135
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00324	70.00	90.00	0.00354
70.00	80.00	0.00389	70.00	70.00	0.00429
70.00	60.00	0.00475	70.00	50.00	0.00528
70.00	40.00	0.00586	70.00	30.00	0.00645

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

70.00	25.00	0.00672	70.00	20.00	0.00694
70.00	17.00	0.00703	70.00	15.00	0.00707
70.00	13.00	0.00709	70.00	11.00	0.00710
70.00	9.00	0.00711	70.00	-9.00	0.00647
70.00	-11.00	0.00639	70.00	-13.00	0.00633
70.00	-15.00	0.00628	70.00	-17.00	0.00622
70.00	-20.00	0.00612	70.00	-25.00	0.00594
70.00	-30.00	0.00571	70.00	-40.00	0.00520
70.00	-50.00	0.00467	70.00	-60.00	0.00416
70.00	-70.00	0.00369	70.00	-80.00	0.00328
70.00	-90.00	0.00292	70.00	-100.00	0.00261
80.00	100.00	0.00322	80.00	90.00	0.00352
80.00	80.00	0.00387	80.00	70.00	0.00427
80.00	60.00	0.00473	80.00	50.00	0.00526
80.00	40.00	0.00583	80.00	30.00	0.00642
80.00	25.00	0.00669	80.00	20.00	0.00691
80.00	17.00	0.00700	80.00	15.00	0.00704
80.00	13.00	0.00706	80.00	11.00	0.00707
80.00	9.00	0.00708	80.00	-9.00	0.00642
80.00	-11.00	0.00635	80.00	-13.00	0.00629
80.00	-15.00	0.00623	80.00	-17.00	0.00617
80.00	-20.00	0.00608	80.00	-25.00	0.00589
80.00	-30.00	0.00566	80.00	-40.00	0.00514
80.00	-50.00	0.00460	80.00	-60.00	0.00409
80.00	-70.00	0.00362	80.00	-80.00	0.00320
80.00	-90.00	0.00284	80.00	-100.00	0.00254
90.00	100.00	0.00320	90.00	90.00	0.00350
90.00	80.00	0.00385	90.00	70.00	0.00425
90.00	60.00	0.00471	90.00	50.00	0.00523
90.00	40.00	0.00581	90.00	30.00	0.00639
90.00	25.00	0.00666	90.00	20.00	0.00688
90.00	17.00	0.00696	90.00	15.00	0.00700
90.00	13.00	0.00702	90.00	11.00	0.00703
90.00	9.00	0.00704	90.00	-9.00	0.00638
90.00	-11.00	0.00630	90.00	-13.00	0.00623
90.00	-15.00	0.00618	90.00	-17.00	0.00612

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

10NCRA_NAPA01-300_DPM_TRAV ANN E-W Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00602	90.00	-25.00	0.00583
90.00	-30.00	0.00560	90.00	-40.00	0.00507
90.00	-50.00	0.00453	90.00	-60.00	0.00401
90.00	-70.00	0.00353	90.00	-80.00	0.00312
90.00	-90.00	0.00276	90.00	-100.00	0.00246
100.00	100.00	0.00319	100.00	90.00	0.00348
100.00	80.00	0.00383	100.00	70.00	0.00423
100.00	60.00	0.00469	100.00	50.00	0.00521
100.00	40.00	0.00578	100.00	30.00	0.00636
100.00	25.00	0.00662	100.00	20.00	0.00684
100.00	17.00	0.00692	100.00	15.00	0.00696
100.00	13.00	0.00698	100.00	11.00	0.00698
100.00	9.00	0.00699	100.00	-9.00	0.00632
100.00	-11.00	0.00624	100.00	-13.00	0.00618
100.00	-15.00	0.00612	100.00	-17.00	0.00606
100.00	-20.00	0.00596	100.00	-25.00	0.00576
100.00	-30.00	0.00552	100.00	-40.00	0.00499
100.00	-50.00	0.00444	100.00	-60.00	0.00391
100.00	-70.00	0.00344	100.00	-80.00	0.00303
100.00	-90.00	0.00268	100.00	-100.00	0.00238
110.00	100.00	0.00316	110.00	90.00	0.00346
110.00	80.00	0.00380	110.00	70.00	0.00420
110.00	60.00	0.00466	110.00	50.00	0.00518
110.00	40.00	0.00574	110.00	30.00	0.00632
110.00	25.00	0.00658	110.00	20.00	0.00679
110.00	17.00	0.00688	110.00	15.00	0.00691
110.00	13.00	0.00693	110.00	11.00	0.00693
110.00	9.00	0.00694	110.00	-9.00	0.00626
110.00	-11.00	0.00617	110.00	-13.00	0.00611
110.00	-15.00	0.00605	110.00	-17.00	0.00599
110.00	-20.00	0.00588	110.00	-25.00	0.00568
110.00	-30.00	0.00544	110.00	-40.00	0.00490
110.00	-50.00	0.00433	110.00	-60.00	0.00380
110.00	-70.00	0.00333	110.00	-80.00	0.00292
110.00	-90.00	0.00258	110.00	-100.00	0.00229
120.00	100.00	0.00314	120.00	90.00	0.00343
120.00	80.00	0.00378	120.00	70.00	0.00417
120.00	60.00	0.00463	120.00	50.00	0.00514
120.00	40.00	0.00570	120.00	30.00	0.00627
120.00	25.00	0.00654	120.00	20.00	0.00675

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:36:35

**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00683	120.00	15.00	0.00686
120.00	13.00	0.00687	120.00	11.00	0.00688
120.00	9.00	0.00688	120.00	-9.00	0.00619
120.00	-11.00	0.00610	120.00	-13.00	0.00603
120.00	-15.00	0.00596	120.00	-17.00	0.00590
120.00	-20.00	0.00579	120.00	-25.00	0.00558
120.00	-30.00	0.00533	120.00	-40.00	0.00478
120.00	-50.00	0.00421	120.00	-60.00	0.00367
120.00	-70.00	0.00320	120.00	-80.00	0.00281
120.00	-90.00	0.00247	120.00	-100.00	0.00220
130.00	100.00	0.00311	130.00	90.00	0.00341
130.00	80.00	0.00374	130.00	70.00	0.00413
130.00	60.00	0.00459	130.00	50.00	0.00510
130.00	40.00	0.00566	130.00	30.00	0.00622
130.00	25.00	0.00648	130.00	20.00	0.00669
130.00	17.00	0.00676	130.00	15.00	0.00679
130.00	13.00	0.00681	130.00	11.00	0.00681
130.00	9.00	0.00682	130.00	-9.00	0.00610
130.00	-11.00	0.00600	130.00	-13.00	0.00593
130.00	-15.00	0.00586	130.00	-17.00	0.00579
130.00	-20.00	0.00568	130.00	-25.00	0.00546
130.00	-30.00	0.00521	130.00	-40.00	0.00464
130.00	-50.00	0.00405	130.00	-60.00	0.00352
130.00	-70.00	0.00306	130.00	-80.00	0.00268
130.00	-90.00	0.00236	130.00	-100.00	0.00209
140.00	100.00	0.00308	140.00	90.00	0.00337
140.00	80.00	0.00371	140.00	70.00	0.00409
140.00	60.00	0.00454	140.00	50.00	0.00505
140.00	40.00	0.00561	140.00	30.00	0.00617
140.00	25.00	0.00642	140.00	20.00	0.00662
140.00	17.00	0.00670	140.00	15.00	0.00672
140.00	13.00	0.00673	140.00	11.00	0.00673
140.00	9.00	0.00674	140.00	-9.00	0.00598
140.00	-11.00	0.00589	140.00	-13.00	0.00581
140.00	-15.00	0.00574	140.00	-17.00	0.00567
140.00	-20.00	0.00555	140.00	-25.00	0.00532

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

140.00	-30.00	0.00505	140.00	-40.00	0.00446
140.00	-50.00	0.00388	140.00	-60.00	0.00335
140.00	-70.00	0.00291	140.00	-80.00	0.00254
140.00	-90.00	0.00224	140.00	-100.00	0.00198

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
 PAGE 138
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00304	150.00	90.00	0.00333
150.00	80.00	0.00366	150.00	70.00	0.00405
150.00	60.00	0.00449	150.00	50.00	0.00499
150.00	40.00	0.00554	150.00	30.00	0.00610
150.00	25.00	0.00635	150.00	20.00	0.00654
150.00	17.00	0.00661	150.00	15.00	0.00664
150.00	13.00	0.00664	150.00	11.00	0.00664
150.00	9.00	0.00663	150.00	-9.00	0.00584
150.00	-11.00	0.00574	150.00	-13.00	0.00567
150.00	-15.00	0.00559	150.00	-17.00	0.00551
150.00	-20.00	0.00538	150.00	-25.00	0.00514
150.00	-30.00	0.00486	150.00	-40.00	0.00425
150.00	-50.00	0.00367	150.00	-60.00	0.00316
150.00	-70.00	0.00274	150.00	-80.00	0.00239
150.00	-90.00	0.00210	150.00	-100.00	0.00186
160.00	100.00	0.00300	160.00	90.00	0.00328
160.00	80.00	0.00361	160.00	70.00	0.00399
160.00	60.00	0.00443	160.00	50.00	0.00493
160.00	40.00	0.00547	160.00	30.00	0.00602
160.00	25.00	0.00627	160.00	20.00	0.00645
160.00	17.00	0.00652	160.00	15.00	0.00654
160.00	13.00	0.00654	160.00	11.00	0.00653
160.00	9.00	0.00652	160.00	-9.00	0.00568
160.00	-11.00	0.00557	160.00	-13.00	0.00548
160.00	-15.00	0.00540	160.00	-17.00	0.00531
160.00	-20.00	0.00517	160.00	-25.00	0.00491
160.00	-30.00	0.00461	160.00	-40.00	0.00399
160.00	-50.00	0.00343	160.00	-60.00	0.00295
160.00	-70.00	0.00256	160.00	-80.00	0.00223
160.00	-90.00	0.00196	160.00	-100.00	0.00173

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

170.00	100.00	0.00293	170.00	90.00	0.00322
170.00	80.00	0.00355	170.00	70.00	0.00393
170.00	60.00	0.00436	170.00	50.00	0.00485
170.00	40.00	0.00539	170.00	30.00	0.00593
170.00	25.00	0.00617	170.00	20.00	0.00635
170.00	17.00	0.00641	170.00	15.00	0.00642
170.00	13.00	0.00642	170.00	11.00	0.00640
170.00	9.00	0.00638	170.00	-9.00	0.00547
170.00	-11.00	0.00535	170.00	-13.00	0.00525
170.00	-15.00	0.00515	170.00	-17.00	0.00506

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00490	170.00	-25.00	0.00461
170.00	-30.00	0.00429	170.00	-40.00	0.00368
170.00	-50.00	0.00316	170.00	-60.00	0.00272
170.00	-70.00	0.00235	170.00	-80.00	0.00205
170.00	-90.00	0.00180	170.00	-100.00	0.00159
180.00	100.00	0.00285	180.00	90.00	0.00313
180.00	80.00	0.00346	180.00	70.00	0.00384
180.00	60.00	0.00428	180.00	50.00	0.00476
180.00	40.00	0.00529	180.00	30.00	0.00582
180.00	25.00	0.00605	180.00	20.00	0.00622
180.00	17.00	0.00628	180.00	15.00	0.00629
180.00	13.00	0.00628	180.00	11.00	0.00625
180.00	9.00	0.00623	180.00	-9.00	0.00520
180.00	-11.00	0.00506	180.00	-13.00	0.00495
180.00	-15.00	0.00483	180.00	-17.00	0.00472
180.00	-20.00	0.00453	180.00	-25.00	0.00421
180.00	-30.00	0.00390	180.00	-40.00	0.00333
180.00	-50.00	0.00286	180.00	-60.00	0.00246
180.00	-70.00	0.00213	180.00	-80.00	0.00185
180.00	-90.00	0.00163	180.00	-100.00	0.00144
190.00	100.00	0.00272	190.00	90.00	0.00300
190.00	80.00	0.00333	190.00	70.00	0.00372
190.00	60.00	0.00415	190.00	50.00	0.00464
190.00	40.00	0.00516	190.00	30.00	0.00568

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

190.00	25.00	0.00591	190.00	20.00	0.00607
190.00	17.00	0.00612	190.00	15.00	0.00613
190.00	13.00	0.00611	190.00	11.00	0.00608
190.00	9.00	0.00604	190.00	-9.00	0.00484
190.00	-11.00	0.00468	190.00	-13.00	0.00453
190.00	-15.00	0.00439	190.00	-17.00	0.00425
190.00	-20.00	0.00404	190.00	-25.00	0.00372
190.00	-30.00	0.00343	190.00	-40.00	0.00293
190.00	-50.00	0.00252	190.00	-60.00	0.00217
190.00	-70.00	0.00188	190.00	-80.00	0.00164
190.00	-90.00	0.00145	190.00	-100.00	0.00128
200.00	100.00	0.00254	200.00	90.00	0.00281
200.00	80.00	0.00313	200.00	70.00	0.00350
200.00	60.00	0.00394	200.00	50.00	0.00444
200.00	40.00	0.00498	200.00	30.00	0.00551
200.00	25.00	0.00573	200.00	20.00	0.00589

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

17:36:35

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00593	200.00	15.00	0.00594
200.00	13.00	0.00591	200.00	11.00	0.00587
200.00	9.00	0.00582	200.00	-9.00	0.00434
200.00	-11.00	0.00413	200.00	-13.00	0.00395
200.00	-15.00	0.00378	200.00	-17.00	0.00363
200.00	-20.00	0.00342	200.00	-25.00	0.00314
200.00	-30.00	0.00290	200.00	-40.00	0.00249
200.00	-50.00	0.00214	200.00	-60.00	0.00185
200.00	-70.00	0.00161	200.00	-80.00	0.00142
200.00	-90.00	0.00126	200.00	-100.00	0.00113
210.00	100.00	0.00230	210.00	90.00	0.00254
210.00	80.00	0.00282	210.00	70.00	0.00316
210.00	60.00	0.00357	210.00	50.00	0.00406
210.00	40.00	0.00462	210.00	30.00	0.00520
210.00	25.00	0.00546	210.00	20.00	0.00564
210.00	17.00	0.00569	210.00	15.00	0.00569
210.00	13.00	0.00566	210.00	11.00	0.00561
210.00	9.00	0.00556	210.00	-9.00	0.00359

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

210.00	-11.00	0.00334	210.00	-13.00	0.00314
210.00	-15.00	0.00299	210.00	-17.00	0.00287
210.00	-20.00	0.00271	210.00	-25.00	0.00249
210.00	-30.00	0.00231	210.00	-40.00	0.00200
210.00	-50.00	0.00174	210.00	-60.00	0.00153
210.00	-70.00	0.00135	210.00	-80.00	0.00120
210.00	-90.00	0.00108	210.00	-100.00	0.00098
220.00	100.00	0.00203	220.00	90.00	0.00222
220.00	80.00	0.00244	220.00	70.00	0.00270
220.00	60.00	0.00301	220.00	50.00	0.00338
220.00	40.00	0.00382	220.00	30.00	0.00432
220.00	25.00	0.00459	220.00	20.00	0.00485
220.00	17.00	0.00498	220.00	15.00	0.00504
220.00	13.00	0.00508	220.00	11.00	0.00510
220.00	9.00	0.00509	220.00	-9.00	0.00243
220.00	-11.00	0.00226	220.00	-13.00	0.00214
220.00	-15.00	0.00205	220.00	-17.00	0.00198
220.00	-20.00	0.00189	220.00	-25.00	0.00177
220.00	-30.00	0.00167	220.00	-40.00	0.00150
220.00	-50.00	0.00135	220.00	-60.00	0.00121
220.00	-70.00	0.00110	220.00	-80.00	0.00099
220.00	-90.00	0.00091	220.00	-100.00	0.00083

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 17:36:35 *** Maximum train overlap at East/West Bound Direction ***

**MODELOPTs:
 PAGE 141

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00176	230.00	90.00	0.00190
230.00	80.00	0.00205	230.00	70.00	0.00222
230.00	60.00	0.00241	230.00	50.00	0.00261
230.00	40.00	0.00281	230.00	30.00	0.00297
230.00	25.00	0.00300	230.00	20.00	0.00299
230.00	17.00	0.00293	230.00	15.00	0.00287
230.00	13.00	0.00279	230.00	11.00	0.00268
230.00	9.00	0.00254	230.00	-9.00	0.00128
230.00	-11.00	0.00126	230.00	-13.00	0.00123
230.00	-15.00	0.00122	230.00	-17.00	0.00121
230.00	-20.00	0.00119	230.00	-25.00	0.00117
230.00	-30.00	0.00114	230.00	-40.00	0.00109

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound

230.00	-50.00	0.00102	230.00	-60.00	0.00095
230.00	-70.00	0.00088	230.00	-80.00	0.00081
230.00	-90.00	0.00076	230.00	-100.00	0.00070
240.00	100.00	0.00151	240.00	90.00	0.00161
240.00	80.00	0.00170	240.00	70.00	0.00181
240.00	60.00	0.00190	240.00	50.00	0.00198
240.00	40.00	0.00203	240.00	30.00	0.00201
240.00	25.00	0.00196	240.00	20.00	0.00187
240.00	17.00	0.00180	240.00	15.00	0.00175
240.00	13.00	0.00169	240.00	11.00	0.00162
240.00	9.00	0.00156	240.00	-9.00	0.00099
240.00	-11.00	0.00096	240.00	-13.00	0.00094
240.00	-15.00	0.00093	240.00	-17.00	0.00092
240.00	-20.00	0.00090	240.00	-25.00	0.00088
240.00	-30.00	0.00086	240.00	-40.00	0.00082
240.00	-50.00	0.00078	240.00	-60.00	0.00075
240.00	-70.00	0.00071	240.00	-80.00	0.00067
240.00	-90.00	0.00063	240.00	-100.00	0.00059
250.00	100.00	0.00129	250.00	90.00	0.00135
250.00	80.00	0.00141	250.00	70.00	0.00146
250.00	60.00	0.00150	250.00	50.00	0.00152
250.00	40.00	0.00151	250.00	30.00	0.00145
250.00	25.00	0.00139	250.00	20.00	0.00132
250.00	17.00	0.00128	250.00	15.00	0.00125
250.00	13.00	0.00122	250.00	11.00	0.00120
250.00	9.00	0.00117	250.00	-9.00	0.00082
250.00	-11.00	0.00079	250.00	-13.00	0.00077
250.00	-15.00	0.00076	250.00	-17.00	0.00074

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

17:36:35
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00073	250.00	-25.00	0.00071
250.00	-30.00	0.00070	250.00	-40.00	0.00067
250.00	-50.00	0.00064	250.00	-60.00	0.00061
250.00	-70.00	0.00058	250.00	-80.00	0.00056
250.00	-90.00	0.00053	250.00	-100.00	0.00051

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction

17:36:35

**MODELOPTs:
PAGE 143

CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00550 AT (180.00, 13.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00550 AT (180.00, 15.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00549 AT (180.00, 11.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00548 AT (180.00, 17.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00548 AT (170.00, 13.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00547 AT (180.00, 9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00547 AT (170.00, 9.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00547 AT (170.00, 11.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00547 AT (190.00, 15.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00546 AT (170.00, 15.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00550 AT (90.00, 13.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00550 AT (90.00, 15.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00549 AT (90.00, 11.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00548 AT (90.00, 17.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00548 AT (80.00, 13.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00547 AT (90.00, 9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00547 AT (80.00, 9.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00547 AT (80.00, 11.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00547 AT (100.00, 15.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00546 AT (80.00, 15.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00550 AT (0.00, 13.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00550 AT (0.00, 15.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00549 AT (0.00, 11.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00548 AT (0.00, 17.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00548 AT (-10.00, 13.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00547 AT (0.00, 9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00547 AT (-10.00, 9.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00547 AT (-10.00, 11.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00547 AT (10.00, 15.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00546 AT (-10.00, 15.00, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at East/West Bound Direction

17:36:35

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00550 AT (-90.00, 13.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00550 AT (-90.00, 15.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00549 AT (-90.00, 11.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00548 AT (-90.00, 17.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00548 AT (-100.00, 13.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00547 AT (-90.00, 9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00547 AT (-100.00, 9.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00547 AT (-100.00, 11.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00547 AT (-80.00, 15.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00546 AT (-100.00, 15.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00550 AT (-180.00, 13.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00550 AT (-180.00, 15.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00549 AT (-180.00, 11.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00548 AT (-180.00, 17.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00548 AT (-190.00, 13.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00547 AT (-180.00, 9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00547 AT (-190.00, 9.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00547 AT (-190.00, 11.00, 0.00, 1.20)	DC	NA

		10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound								
	9TH HIGHEST VALUE IS	0.00547	AT (	-170.00,	15.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00546	AT (	-190.00,	15.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00729	AT (	-40.00,	9.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00729	AT (	-50.00,	9.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00728	AT (	-30.00,	9.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00728	AT (	-60.00,	9.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00727	AT (	-20.00,	9.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00727	AT (	-50.00,	11.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00727	AT (	-70.00,	9.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00727	AT (	-40.00,	11.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00727	AT (	-60.00,	11.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00726	AT (	-80.00,	9.00,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:36:35

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 1 Informational Message(s)
 A Total of 1 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 17:43:24

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at NE/SW Bound Direction
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTS FLAT
CO FLAGPOLE 1.2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA 92.28 98.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA 28.64 35.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -35.0 -28.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -98.64 -92.28 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -162.28 -155.92 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 45 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

RE DISCCART	-247.49	-106.07	1.2
RE DISCCART	-240.42	-113.14	1.2
RE DISCCART	-233.35	-120.21	1.2
RE DISCCART	-226.27	-127.28	1.2
RE DISCCART	-219.2	-134.35	1.2
RE DISCCART	-212.13	-141.42	1.2
RE DISCCART	-205.06	-148.49	1.2
RE DISCCART	-197.99	-155.56	1.2
RE DISCCART	-194.45	-159.1	1.2
RE DISCCART	-190.92	-162.63	1.2
RE DISCCART	-188.8	-164.76	1.2
RE DISCCART	-187.38	-166.17	1.2
RE DISCCART	-185.97	-167.58	1.2
RE DISCCART	-184.55	-169.0	1.2
RE DISCCART	-183.14	-170.41	1.2
RE DISCCART	-170.41	-183.14	1.2
RE DISCCART	-169.0	-184.55	1.2
RE DISCCART	-167.58	-185.97	1.2
RE DISCCART	-166.17	-187.38	1.2
RE DISCCART	-164.76	-188.8	1.2
RE DISCCART	-162.63	-190.92	1.2
RE DISCCART	-159.1	-194.45	1.2
RE DISCCART	-155.56	-197.99	1.2
RE DISCCART	-148.49	-205.06	1.2
RE DISCCART	-141.42	-212.13	1.2
RE DISCCART	-134.35	-219.2	1.2
RE DISCCART	-127.28	-226.27	1.2
RE DISCCART	-120.21	-233.35	1.2
RE DISCCART	-113.14	-240.42	1.2
RE DISCCART	-106.07	-247.49	1.2
RE DISCCART	-240.42	-98.99	1.2
RE DISCCART	-233.35	-106.07	1.2
RE DISCCART	-226.27	-113.14	1.2
RE DISCCART	-219.2	-120.21	1.2
RE DISCCART	-212.13	-127.28	1.2
RE DISCCART	-205.06	-134.35	1.2
RE DISCCART	-197.99	-141.42	1.2
RE DISCCART	-190.92	-148.49	1.2
RE DISCCART	-187.38	-152.03	1.2
RE DISCCART	-183.85	-155.56	1.2
RE DISCCART	-181.73	-157.68	1.2
RE DISCCART	-180.31	-159.1	1.2
RE DISCCART	-178.9	-160.51	1.2

RE DISCCART	-177.48	-161.93	1.2
RE DISCCART	-176.07	-163.34	1.2
RE DISCCART	-163.34	-176.07	1.2
RE DISCCART	-161.93	-177.48	1.2
RE DISCCART	-160.51	-178.9	1.2
RE DISCCART	-159.1	-180.31	1.2
RE DISCCART	-157.68	-181.73	1.2
RE DISCCART	-155.56	-183.85	1.2
RE DISCCART	-152.03	-187.38	1.2
RE DISCCART	-148.49	-190.92	1.2
RE DISCCART	-141.42	-197.99	1.2
RE DISCCART	-134.35	-205.06	1.2
RE DISCCART	-127.28	-212.13	1.2
RE DISCCART	-120.21	-219.2	1.2
RE DISCCART	-113.14	-226.27	1.2
RE DISCCART	-106.07	-233.35	1.2
RE DISCCART	-98.99	-240.42	1.2
RE DISCCART	-233.35	-91.92	1.2
RE DISCCART	-226.27	-99.0	1.2
RE DISCCART	-219.2	-106.07	1.2
RE DISCCART	-212.13	-113.14	1.2
RE DISCCART	-205.06	-120.21	1.2
RE DISCCART	-197.99	-127.28	1.2
RE DISCCART	-190.92	-134.35	1.2
RE DISCCART	-183.85	-141.42	1.2
RE DISCCART	-180.31	-144.96	1.2
RE DISCCART	-176.78	-148.49	1.2
RE DISCCART	-174.66	-150.61	1.2
RE DISCCART	-173.24	-152.03	1.2
RE DISCCART	-171.83	-153.44	1.2
RE DISCCART	-170.41	-154.86	1.2
RE DISCCART	-169.0	-156.27	1.2
RE DISCCART	-156.27	-169.0	1.2
RE DISCCART	-154.86	-170.41	1.2
RE DISCCART	-153.44	-171.83	1.2
RE DISCCART	-152.03	-173.24	1.2
RE DISCCART	-150.61	-174.66	1.2
RE DISCCART	-148.49	-176.78	1.2
RE DISCCART	-144.96	-180.31	1.2
RE DISCCART	-141.42	-183.85	1.2
RE DISCCART	-134.35	-190.92	1.2
RE DISCCART	-127.28	-197.99	1.2
RE DISCCART	-120.21	-205.06	1.2
RE DISCCART	-113.14	-212.13	1.2

RE DISCCART	-106.07	-219.2	1.2
RE DISCCART	-98.99	-226.27	1.2
RE DISCCART	-91.92	-233.35	1.2
RE DISCCART	-226.27	-84.85	1.2
RE DISCCART	-219.2	-91.92	1.2
RE DISCCART	-212.13	-99.0	1.2
RE DISCCART	-205.06	-106.07	1.2
RE DISCCART	-197.99	-113.14	1.2
RE DISCCART	-190.92	-120.21	1.2
RE DISCCART	-183.85	-127.28	1.2
RE DISCCART	-176.78	-134.35	1.2
RE DISCCART	-173.24	-137.89	1.2
RE DISCCART	-169.71	-141.42	1.2
RE DISCCART	-167.58	-143.54	1.2
RE DISCCART	-166.17	-144.96	1.2
RE DISCCART	-164.76	-146.37	1.2
RE DISCCART	-163.34	-147.79	1.2
RE DISCCART	-161.93	-149.2	1.2
RE DISCCART	-149.2	-161.93	1.2
RE DISCCART	-147.79	-163.34	1.2
RE DISCCART	-146.37	-164.76	1.2
RE DISCCART	-144.96	-166.17	1.2
RE DISCCART	-143.54	-167.58	1.2
RE DISCCART	-141.42	-169.71	1.2
RE DISCCART	-137.89	-173.24	1.2
RE DISCCART	-134.35	-176.78	1.2
RE DISCCART	-127.28	-183.85	1.2
RE DISCCART	-120.21	-190.92	1.2
RE DISCCART	-113.14	-197.99	1.2
RE DISCCART	-106.07	-205.06	1.2
RE DISCCART	-98.99	-212.13	1.2
RE DISCCART	-91.92	-219.2	1.2
RE DISCCART	-84.85	-226.27	1.2
RE DISCCART	-219.2	-77.78	1.2
RE DISCCART	-212.13	-84.85	1.2
RE DISCCART	-205.06	-91.92	1.2
RE DISCCART	-197.99	-99.0	1.2
RE DISCCART	-190.92	-106.07	1.2
RE DISCCART	-183.85	-113.14	1.2
RE DISCCART	-176.78	-120.21	1.2
RE DISCCART	-169.71	-127.28	1.2
RE DISCCART	-166.17	-130.81	1.2
RE DISCCART	-162.63	-134.35	1.2
RE DISCCART	-160.51	-136.47	1.2

RE DISCCART	-159.1	-137.89	1.2
RE DISCCART	-157.68	-139.3	1.2
RE DISCCART	-156.27	-140.71	1.2
RE DISCCART	-154.86	-142.13	1.2
RE DISCCART	-142.13	-154.86	1.2
RE DISCCART	-140.71	-156.27	1.2
RE DISCCART	-139.3	-157.68	1.2
RE DISCCART	-137.89	-159.1	1.2
RE DISCCART	-136.47	-160.51	1.2
RE DISCCART	-134.35	-162.63	1.2
RE DISCCART	-130.81	-166.17	1.2
RE DISCCART	-127.28	-169.71	1.2
RE DISCCART	-120.21	-176.78	1.2
RE DISCCART	-113.14	-183.85	1.2
RE DISCCART	-106.07	-190.92	1.2
RE DISCCART	-98.99	-197.99	1.2
RE DISCCART	-91.92	-205.06	1.2
RE DISCCART	-84.85	-212.13	1.2
RE DISCCART	-77.78	-219.2	1.2
RE DISCCART	-212.13	-70.71	1.2
RE DISCCART	-205.06	-77.78	1.2
RE DISCCART	-197.99	-84.85	1.2
RE DISCCART	-190.92	-91.92	1.2
RE DISCCART	-183.85	-98.99	1.2
RE DISCCART	-176.78	-106.07	1.2
RE DISCCART	-169.71	-113.14	1.2
RE DISCCART	-162.63	-120.21	1.2
RE DISCCART	-159.1	-123.74	1.2
RE DISCCART	-155.56	-127.28	1.2
RE DISCCART	-153.44	-129.4	1.2
RE DISCCART	-152.03	-130.81	1.2
RE DISCCART	-150.61	-132.23	1.2
RE DISCCART	-149.2	-133.64	1.2
RE DISCCART	-147.79	-135.06	1.2
RE DISCCART	-135.06	-147.79	1.2
RE DISCCART	-133.64	-149.2	1.2
RE DISCCART	-132.23	-150.61	1.2
RE DISCCART	-130.81	-152.03	1.2
RE DISCCART	-129.4	-153.44	1.2
RE DISCCART	-127.28	-155.56	1.2
RE DISCCART	-123.74	-159.1	1.2
RE DISCCART	-120.21	-162.63	1.2
RE DISCCART	-113.14	-169.71	1.2
RE DISCCART	-106.07	-176.78	1.2

RE DISCCART	-98.99	-183.85	1.2
RE DISCCART	-91.92	-190.92	1.2
RE DISCCART	-84.85	-197.99	1.2
RE DISCCART	-77.78	-205.06	1.2
RE DISCCART	-70.71	-212.13	1.2
RE DISCCART	-205.06	-63.64	1.2
RE DISCCART	-197.99	-70.71	1.2
RE DISCCART	-190.92	-77.78	1.2
RE DISCCART	-183.85	-84.85	1.2
RE DISCCART	-176.78	-91.92	1.2
RE DISCCART	-169.71	-98.99	1.2
RE DISCCART	-162.63	-106.07	1.2
RE DISCCART	-155.56	-113.14	1.2
RE DISCCART	-152.03	-116.67	1.2
RE DISCCART	-148.49	-120.21	1.2
RE DISCCART	-146.37	-122.33	1.2
RE DISCCART	-144.96	-123.74	1.2
RE DISCCART	-143.54	-125.16	1.2
RE DISCCART	-142.13	-126.57	1.2
RE DISCCART	-140.71	-127.99	1.2
RE DISCCART	-127.99	-140.71	1.2
RE DISCCART	-126.57	-142.13	1.2
RE DISCCART	-125.16	-143.54	1.2
RE DISCCART	-123.74	-144.96	1.2
RE DISCCART	-122.33	-146.37	1.2
RE DISCCART	-120.21	-148.49	1.2
RE DISCCART	-116.67	-152.03	1.2
RE DISCCART	-113.14	-155.56	1.2
RE DISCCART	-106.07	-162.63	1.2
RE DISCCART	-98.99	-169.71	1.2
RE DISCCART	-91.92	-176.78	1.2
RE DISCCART	-84.85	-183.85	1.2
RE DISCCART	-77.78	-190.92	1.2
RE DISCCART	-70.71	-197.99	1.2
RE DISCCART	-63.64	-205.06	1.2
RE DISCCART	-197.99	-56.57	1.2
RE DISCCART	-190.92	-63.64	1.2
RE DISCCART	-183.85	-70.71	1.2
RE DISCCART	-176.78	-77.78	1.2
RE DISCCART	-169.71	-84.85	1.2
RE DISCCART	-162.63	-91.92	1.2
RE DISCCART	-155.56	-98.99	1.2
RE DISCCART	-148.49	-106.07	1.2
RE DISCCART	-144.96	-109.6	1.2

RE DISCCART	-141.42	-113.14	1.2
RE DISCCART	-139.3	-115.26	1.2
RE DISCCART	-137.89	-116.67	1.2
RE DISCCART	-136.47	-118.09	1.2
RE DISCCART	-135.06	-119.5	1.2
RE DISCCART	-133.64	-120.92	1.2
RE DISCCART	-120.92	-133.64	1.2
RE DISCCART	-119.5	-135.06	1.2
RE DISCCART	-118.09	-136.47	1.2
RE DISCCART	-116.67	-137.89	1.2
RE DISCCART	-115.26	-139.3	1.2
RE DISCCART	-113.14	-141.42	1.2
RE DISCCART	-109.6	-144.96	1.2
RE DISCCART	-106.07	-148.49	1.2
RE DISCCART	-98.99	-155.56	1.2
RE DISCCART	-91.92	-162.63	1.2
RE DISCCART	-84.85	-169.71	1.2
RE DISCCART	-77.78	-176.78	1.2
RE DISCCART	-70.71	-183.85	1.2
RE DISCCART	-63.64	-190.92	1.2
RE DISCCART	-56.57	-197.99	1.2
RE DISCCART	-190.92	-49.5	1.2
RE DISCCART	-183.85	-56.57	1.2
RE DISCCART	-176.78	-63.64	1.2
RE DISCCART	-169.71	-70.71	1.2
RE DISCCART	-162.63	-77.78	1.2
RE DISCCART	-155.56	-84.85	1.2
RE DISCCART	-148.49	-91.92	1.2
RE DISCCART	-141.42	-98.99	1.2
RE DISCCART	-137.89	-102.53	1.2
RE DISCCART	-134.35	-106.07	1.2
RE DISCCART	-132.23	-108.19	1.2
RE DISCCART	-130.81	-109.6	1.2
RE DISCCART	-129.4	-111.02	1.2
RE DISCCART	-127.99	-112.43	1.2
RE DISCCART	-126.57	-113.84	1.2
RE DISCCART	-113.84	-126.57	1.2
RE DISCCART	-112.43	-127.99	1.2
RE DISCCART	-111.02	-129.4	1.2
RE DISCCART	-109.6	-130.81	1.2
RE DISCCART	-108.19	-132.23	1.2
RE DISCCART	-106.07	-134.35	1.2
RE DISCCART	-102.53	-137.89	1.2
RE DISCCART	-98.99	-141.42	1.2

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RE DISCCART	-84.85	-155.56	1.2
RE DISCCART	-77.78	-162.63	1.2
RE DISCCART	-70.71	-169.71	1.2
RE DISCCART	-63.64	-176.78	1.2
RE DISCCART	-56.57	-183.85	1.2
RE DISCCART	-49.5	-190.92	1.2
RE DISCCART	-183.85	-42.43	1.2
RE DISCCART	-176.78	-49.5	1.2
RE DISCCART	-169.71	-56.57	1.2
RE DISCCART	-162.63	-63.64	1.2
RE DISCCART	-155.56	-70.71	1.2
RE DISCCART	-148.49	-77.78	1.2
RE DISCCART	-141.42	-84.85	1.2
RE DISCCART	-134.35	-91.92	1.2
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RE DISCCART	-120.92	-105.36	1.2
RE DISCCART	-119.5	-106.77	1.2
RE DISCCART	-106.77	-119.5	1.2
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RE DISCCART	-102.53	-123.74	1.2
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RE DISCCART	-91.92	-134.35	1.2
RE DISCCART	-84.85	-141.42	1.2
RE DISCCART	-77.78	-148.49	1.2
RE DISCCART	-70.71	-155.56	1.2
RE DISCCART	-63.64	-162.63	1.2
RE DISCCART	-56.57	-169.71	1.2
RE DISCCART	-49.5	-176.78	1.2
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RE DISCCART	-176.78	-35.36	1.2
RE DISCCART	-169.71	-42.43	1.2
RE DISCCART	-162.63	-49.5	1.2
RE DISCCART	-155.56	-56.57	1.2
RE DISCCART	-148.49	-63.64	1.2
RE DISCCART	-141.42	-70.71	1.2
RE DISCCART	-134.35	-77.78	1.2

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RE DISCCART	-123.74	-88.39	1.2
RE DISCCART	-120.21	-91.92	1.2
RE DISCCART	-118.09	-94.05	1.2
RE DISCCART	-116.67	-95.46	1.2
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RE DISCCART	-112.43	-99.7	1.2
RE DISCCART	-99.7	-112.43	1.2
RE DISCCART	-98.29	-113.84	1.2
RE DISCCART	-96.87	-115.26	1.2
RE DISCCART	-95.46	-116.67	1.2
RE DISCCART	-94.05	-118.09	1.2
RE DISCCART	-91.92	-120.21	1.2
RE DISCCART	-88.39	-123.74	1.2
RE DISCCART	-84.85	-127.28	1.2
RE DISCCART	-77.78	-134.35	1.2
RE DISCCART	-70.71	-141.42	1.2
RE DISCCART	-63.64	-148.49	1.2
RE DISCCART	-56.57	-155.56	1.2
RE DISCCART	-49.5	-162.63	1.2
RE DISCCART	-42.43	-169.71	1.2
RE DISCCART	-35.36	-176.78	1.2
RE DISCCART	-169.71	-28.28	1.2
RE DISCCART	-162.63	-35.36	1.2
RE DISCCART	-155.56	-42.43	1.2
RE DISCCART	-148.49	-49.5	1.2
RE DISCCART	-141.42	-56.57	1.2
RE DISCCART	-134.35	-63.64	1.2
RE DISCCART	-127.28	-70.71	1.2
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RE DISCCART	-113.14	-84.85	1.2
RE DISCCART	-111.02	-86.97	1.2
RE DISCCART	-109.6	-88.39	1.2
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RE DISCCART	-106.77	-91.22	1.2
RE DISCCART	-105.36	-92.63	1.2
RE DISCCART	-92.63	-105.36	1.2
RE DISCCART	-91.22	-106.77	1.2
RE DISCCART	-89.8	-108.19	1.2
RE DISCCART	-88.39	-109.6	1.2
RE DISCCART	-86.97	-111.02	1.2
RE DISCCART	-84.85	-113.14	1.2

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RE DISCCART	-77.78	-120.21	1.2
RE DISCCART	-70.71	-127.28	1.2
RE DISCCART	-63.64	-134.35	1.2
RE DISCCART	-56.57	-141.42	1.2
RE DISCCART	-49.5	-148.49	1.2
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RE DISCCART	-35.36	-162.63	1.2
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RE DISCCART	-162.63	-21.21	1.2
RE DISCCART	-155.56	-28.28	1.2
RE DISCCART	-148.49	-35.36	1.2
RE DISCCART	-141.42	-42.43	1.2
RE DISCCART	-134.35	-49.5	1.2
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RE DISCCART	-120.21	-63.64	1.2
RE DISCCART	-113.14	-70.71	1.2
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RE DISCCART	-101.12	-82.73	1.2
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RE DISCCART	-84.15	-99.7	1.2
RE DISCCART	-82.73	-101.12	1.2
RE DISCCART	-81.32	-102.53	1.2
RE DISCCART	-79.9	-103.94	1.2
RE DISCCART	-77.78	-106.07	1.2
RE DISCCART	-74.25	-109.6	1.2
RE DISCCART	-70.71	-113.14	1.2
RE DISCCART	-63.64	-120.21	1.2
RE DISCCART	-56.57	-127.28	1.2
RE DISCCART	-49.5	-134.35	1.2
RE DISCCART	-42.43	-141.42	1.2
RE DISCCART	-35.36	-148.49	1.2
RE DISCCART	-28.28	-155.56	1.2
RE DISCCART	-21.21	-162.63	1.2
RE DISCCART	-155.56	-14.14	1.2
RE DISCCART	-148.49	-21.21	1.2
RE DISCCART	-141.42	-28.28	1.2
RE DISCCART	-134.35	-35.36	1.2
RE DISCCART	-127.28	-42.43	1.2

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RE DISCCART	-113.14	-56.57	1.2
RE DISCCART	-106.07	-63.64	1.2
RE DISCCART	-102.53	-67.18	1.2
RE DISCCART	-98.99	-70.71	1.2
RE DISCCART	-96.87	-72.83	1.2
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RE DISCCART	-94.05	-75.66	1.2
RE DISCCART	-92.63	-77.07	1.2
RE DISCCART	-91.22	-78.49	1.2
RE DISCCART	-78.49	-91.22	1.2
RE DISCCART	-77.07	-92.63	1.2
RE DISCCART	-75.66	-94.05	1.2
RE DISCCART	-74.25	-95.46	1.2
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RE DISCCART	-63.64	-106.07	1.2
RE DISCCART	-56.57	-113.14	1.2
RE DISCCART	-49.5	-120.21	1.2
RE DISCCART	-42.43	-127.28	1.2
RE DISCCART	-35.36	-134.35	1.2
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RE DISCCART	-134.35	-21.21	1.2
RE DISCCART	-127.28	-28.28	1.2
RE DISCCART	-120.21	-35.36	1.2
RE DISCCART	-113.14	-42.43	1.2
RE DISCCART	-106.07	-49.5	1.2
RE DISCCART	-98.99	-56.57	1.2
RE DISCCART	-95.46	-60.1	1.2
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RE DISCCART	-85.56	-70.0	1.2
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RE DISCCART	-71.42	-84.15	1.2
RE DISCCART	-70.0	-85.56	1.2
RE DISCCART	-68.59	-86.97	1.2
RE DISCCART	-67.18	-88.39	1.2

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RE DISCCART -63.64 -91.92 1.2
RE DISCCART -60.1 -95.46 1.2
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RE DISCCART -53.03 -88.39 1.2
RE DISCCART -49.5 -91.92 1.2
RE DISCCART -42.43 -98.99 1.2
RE DISCCART -35.36 -106.07 1.2
RE DISCCART -28.28 -113.14 1.2
RE DISCCART -21.21 -120.21 1.2
RE DISCCART -14.14 -127.28 1.2
RE DISCCART -7.07 -134.35 1.2
RE DISCCART 0.0 -141.42 1.2
RE DISCCART -134.35 7.07 1.2
RE DISCCART -127.28 0.0 1.2
RE DISCCART -120.21 -7.07 1.2

RE DISCCART	-113.14	-14.14	1.2
RE DISCCART	-106.07	-21.21	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-91.92	-35.36	1.2
RE DISCCART	-84.85	-42.43	1.2
RE DISCCART	-81.32	-45.96	1.2
RE DISCCART	-77.78	-49.5	1.2
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RE DISCCART	-74.25	-53.03	1.2
RE DISCCART	-72.83	-54.45	1.2
RE DISCCART	-71.42	-55.86	1.2
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RE DISCCART	-57.28	-70.0	1.2
RE DISCCART	-55.86	-71.42	1.2
RE DISCCART	-54.45	-72.83	1.2
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RE DISCCART	-49.5	-77.78	1.2
RE DISCCART	-45.96	-81.32	1.2
RE DISCCART	-42.43	-84.85	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-28.28	-98.99	1.2
RE DISCCART	-21.21	-106.07	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	-127.28	14.14	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-113.14	0.0	1.2
RE DISCCART	-106.07	-7.07	1.2
RE DISCCART	-98.99	-14.14	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-77.78	-35.36	1.2
RE DISCCART	-74.25	-38.89	1.2
RE DISCCART	-70.71	-42.43	1.2
RE DISCCART	-68.59	-44.55	1.2
RE DISCCART	-67.18	-45.96	1.2
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RE DISCCART	-50.2	-62.93	1.2
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RE DISCCART	-45.96	-67.18	1.2
RE DISCCART	-44.55	-68.59	1.2
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RE DISCCART	-38.89	-74.25	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-21.21	-91.92	1.2
RE DISCCART	-14.14	-98.99	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	-120.21	21.21	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-106.07	7.07	1.2
RE DISCCART	-98.99	0.0	1.2
RE DISCCART	-91.92	-7.07	1.2
RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-70.71	-28.28	1.2
RE DISCCART	-67.18	-31.82	1.2
RE DISCCART	-63.64	-35.36	1.2
RE DISCCART	-61.52	-37.48	1.2
RE DISCCART	-60.1	-38.89	1.2
RE DISCCART	-58.69	-40.31	1.2
RE DISCCART	-57.28	-41.72	1.2
RE DISCCART	-55.86	-43.13	1.2
RE DISCCART	-43.13	-55.86	1.2
RE DISCCART	-41.72	-57.28	1.2
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RE DISCCART	-38.89	-60.1	1.2
RE DISCCART	-37.48	-61.52	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-31.82	-67.18	1.2
RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-21.21	-77.78	1.2
RE DISCCART	-14.14	-84.85	1.2
RE DISCCART	-7.07	-91.92	1.2
RE DISCCART	0.0	-98.99	1.2
RE DISCCART	7.07	-106.07	1.2
RE DISCCART	14.14	-113.14	1.2
RE DISCCART	21.21	-120.21	1.2
RE DISCCART	-113.14	28.28	1.2

RE DISCCART	-106.07	21.21	1.2
RE DISCCART	-98.99	14.14	1.2
RE DISCCART	-91.92	7.07	1.2
RE DISCCART	-84.85	0.0	1.2
RE DISCCART	-77.78	-7.07	1.2
RE DISCCART	-70.71	-14.14	1.2
RE DISCCART	-63.64	-21.21	1.2
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RE DISCCART	-50.2	-34.65	1.2
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RE DISCCART	-36.06	-48.79	1.2
RE DISCCART	-34.65	-50.2	1.2
RE DISCCART	-33.23	-51.62	1.2
RE DISCCART	-31.82	-53.03	1.2
RE DISCCART	-30.41	-54.45	1.2
RE DISCCART	-28.28	-56.57	1.2
RE DISCCART	-24.75	-60.1	1.2
RE DISCCART	-21.21	-63.64	1.2
RE DISCCART	-14.14	-70.71	1.2
RE DISCCART	-7.07	-77.78	1.2
RE DISCCART	0.0	-84.85	1.2
RE DISCCART	7.07	-91.92	1.2
RE DISCCART	14.14	-98.99	1.2
RE DISCCART	21.21	-106.07	1.2
RE DISCCART	28.28	-113.14	1.2
RE DISCCART	-106.07	35.36	1.2
RE DISCCART	-98.99	28.28	1.2
RE DISCCART	-91.92	21.21	1.2
RE DISCCART	-84.85	14.14	1.2
RE DISCCART	-77.78	7.07	1.2
RE DISCCART	-70.71	0.0	1.2
RE DISCCART	-63.64	-7.07	1.2
RE DISCCART	-56.57	-14.14	1.2
RE DISCCART	-53.03	-17.68	1.2
RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-47.38	-23.33	1.2
RE DISCCART	-45.96	-24.75	1.2
RE DISCCART	-44.55	-26.16	1.2
RE DISCCART	-43.13	-27.58	1.2
RE DISCCART	-41.72	-28.99	1.2

RE DISCCART	-28.99	-41.72	1.2
RE DISCCART	-27.58	-43.13	1.2
RE DISCCART	-26.16	-44.55	1.2
RE DISCCART	-24.75	-45.96	1.2
RE DISCCART	-23.33	-47.38	1.2
RE DISCCART	-21.21	-49.5	1.2
RE DISCCART	-17.68	-53.03	1.2
RE DISCCART	-14.14	-56.57	1.2
RE DISCCART	-7.07	-63.64	1.2
RE DISCCART	0.0	-70.71	1.2
RE DISCCART	7.07	-77.78	1.2
RE DISCCART	14.14	-84.85	1.2
RE DISCCART	21.21	-91.92	1.2
RE DISCCART	28.28	-98.99	1.2
RE DISCCART	35.36	-106.07	1.2
RE DISCCART	-98.99	42.43	1.2
RE DISCCART	-91.92	35.36	1.2
RE DISCCART	-84.85	28.28	1.2
RE DISCCART	-77.78	21.21	1.2
RE DISCCART	-70.71	14.14	1.2
RE DISCCART	-63.64	7.07	1.2
RE DISCCART	-56.57	0.0	1.2
RE DISCCART	-49.5	-7.07	1.2
RE DISCCART	-45.96	-10.61	1.2
RE DISCCART	-42.43	-14.14	1.2
RE DISCCART	-40.31	-16.26	1.2
RE DISCCART	-38.89	-17.68	1.2
RE DISCCART	-37.48	-19.09	1.2
RE DISCCART	-36.06	-20.51	1.2
RE DISCCART	-34.65	-21.92	1.2
RE DISCCART	-21.92	-34.65	1.2
RE DISCCART	-20.51	-36.06	1.2
RE DISCCART	-19.09	-37.48	1.2
RE DISCCART	-17.68	-38.89	1.2
RE DISCCART	-16.26	-40.31	1.2
RE DISCCART	-14.14	-42.43	1.2
RE DISCCART	-10.61	-45.96	1.2
RE DISCCART	-7.07	-49.5	1.2
RE DISCCART	0.0	-56.57	1.2
RE DISCCART	7.07	-63.64	1.2
RE DISCCART	14.14	-70.71	1.2
RE DISCCART	21.21	-77.78	1.2
RE DISCCART	28.28	-84.85	1.2
RE DISCCART	35.36	-91.92	1.2

RE DISCCART	42.43	-98.99	1.2
RE DISCCART	-91.92	49.5	1.2
RE DISCCART	-84.85	42.43	1.2
RE DISCCART	-77.78	35.36	1.2
RE DISCCART	-70.71	28.28	1.2
RE DISCCART	-63.64	21.21	1.2
RE DISCCART	-56.57	14.14	1.2
RE DISCCART	-49.5	7.07	1.2
RE DISCCART	-42.43	0.0	1.2
RE DISCCART	-38.89	-3.54	1.2
RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-33.23	-9.19	1.2
RE DISCCART	-31.82	-10.61	1.2
RE DISCCART	-30.41	-12.02	1.2
RE DISCCART	-28.99	-13.44	1.2
RE DISCCART	-27.58	-14.85	1.2
RE DISCCART	-14.85	-27.58	1.2
RE DISCCART	-13.44	-28.99	1.2
RE DISCCART	-12.02	-30.41	1.2
RE DISCCART	-10.61	-31.82	1.2
RE DISCCART	-9.19	-33.23	1.2
RE DISCCART	-7.07	-35.36	1.2
RE DISCCART	-3.54	-38.89	1.2
RE DISCCART	0.0	-42.43	1.2
RE DISCCART	7.07	-49.5	1.2
RE DISCCART	14.14	-56.57	1.2
RE DISCCART	21.21	-63.64	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	35.36	-77.78	1.2
RE DISCCART	42.43	-84.85	1.2
RE DISCCART	49.5	-91.92	1.2
RE DISCCART	-84.85	56.57	1.2
RE DISCCART	-77.78	49.5	1.2
RE DISCCART	-70.71	42.43	1.2
RE DISCCART	-63.64	35.36	1.2
RE DISCCART	-56.57	28.28	1.2
RE DISCCART	-49.5	21.21	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-35.36	7.07	1.2
RE DISCCART	-31.82	3.54	1.2
RE DISCCART	-28.28	0.0	1.2
RE DISCCART	-26.16	-2.12	1.2
RE DISCCART	-24.75	-3.54	1.2
RE DISCCART	-23.33	-4.95	1.2

RE DISCCART	-21.92	-6.36	1.2
RE DISCCART	-20.51	-7.78	1.2
RE DISCCART	-7.78	-20.51	1.2
RE DISCCART	-6.36	-21.92	1.2
RE DISCCART	-4.95	-23.33	1.2
RE DISCCART	-3.54	-24.75	1.2
RE DISCCART	-2.12	-26.16	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	3.54	-31.82	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	28.28	-56.57	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	42.43	-70.71	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	56.57	-84.85	1.2
RE DISCCART	-77.78	63.64	1.2
RE DISCCART	-70.71	56.57	1.2
RE DISCCART	-63.64	49.5	1.2
RE DISCCART	-56.57	42.43	1.2
RE DISCCART	-49.5	35.36	1.2
RE DISCCART	-42.43	28.28	1.2
RE DISCCART	-35.36	21.21	1.2
RE DISCCART	-28.28	14.14	1.2
RE DISCCART	-24.75	10.61	1.2
RE DISCCART	-21.21	7.07	1.2
RE DISCCART	-19.09	4.95	1.2
RE DISCCART	-17.68	3.54	1.2
RE DISCCART	-16.26	2.12	1.2
RE DISCCART	-14.85	0.71	1.2
RE DISCCART	-13.44	-0.71	1.2
RE DISCCART	-0.71	-13.44	1.2
RE DISCCART	0.71	-14.85	1.2
RE DISCCART	2.12	-16.26	1.2
RE DISCCART	3.54	-17.68	1.2
RE DISCCART	4.95	-19.09	1.2
RE DISCCART	7.07	-21.21	1.2
RE DISCCART	10.61	-24.75	1.2
RE DISCCART	14.14	-28.28	1.2
RE DISCCART	21.21	-35.36	1.2
RE DISCCART	28.28	-42.43	1.2
RE DISCCART	35.36	-49.5	1.2
RE DISCCART	42.43	-56.57	1.2

RE DISCCART	49.5	-63.64	1.2
RE DISCCART	56.57	-70.71	1.2
RE DISCCART	63.64	-77.78	1.2
RE DISCCART	-70.71	70.71	1.2
RE DISCCART	-63.64	63.64	1.2
RE DISCCART	-56.57	56.57	1.2
RE DISCCART	-49.5	49.5	1.2
RE DISCCART	-42.43	42.43	1.2
RE DISCCART	-35.36	35.36	1.2
RE DISCCART	-28.28	28.28	1.2
RE DISCCART	-21.21	21.21	1.2
RE DISCCART	-17.68	17.68	1.2
RE DISCCART	-14.14	14.14	1.2
RE DISCCART	-12.02	12.02	1.2
RE DISCCART	-10.61	10.61	1.2
RE DISCCART	-9.19	9.19	1.2
RE DISCCART	-7.78	7.78	1.2
RE DISCCART	-6.36	6.36	1.2
RE DISCCART	6.36	-6.36	1.2
RE DISCCART	7.78	-7.78	1.2
RE DISCCART	9.19	-9.19	1.2
RE DISCCART	10.61	-10.61	1.2
RE DISCCART	12.02	-12.02	1.2
RE DISCCART	14.14	-14.14	1.2
RE DISCCART	17.68	-17.68	1.2
RE DISCCART	21.21	-21.21	1.2
RE DISCCART	28.28	-28.28	1.2
RE DISCCART	35.36	-35.36	1.2
RE DISCCART	42.43	-42.43	1.2
RE DISCCART	49.5	-49.5	1.2
RE DISCCART	56.57	-56.57	1.2
RE DISCCART	63.64	-63.64	1.2
RE DISCCART	70.71	-70.71	1.2
RE DISCCART	-63.64	77.78	1.2
RE DISCCART	-56.57	70.71	1.2
RE DISCCART	-49.5	63.64	1.2
RE DISCCART	-42.43	56.57	1.2
RE DISCCART	-35.36	49.5	1.2
RE DISCCART	-28.28	42.43	1.2
RE DISCCART	-21.21	35.36	1.2
RE DISCCART	-14.14	28.28	1.2
RE DISCCART	-10.61	24.75	1.2
RE DISCCART	-7.07	21.21	1.2
RE DISCCART	-4.95	19.09	1.2

RE DISCCART	-3.54	17.68	1.2
RE DISCCART	-2.12	16.26	1.2
RE DISCCART	-0.71	14.85	1.2
RE DISCCART	0.71	13.44	1.2
RE DISCCART	13.44	0.71	1.2
RE DISCCART	14.85	-0.71	1.2
RE DISCCART	16.26	-2.12	1.2
RE DISCCART	17.68	-3.54	1.2
RE DISCCART	19.09	-4.95	1.2
RE DISCCART	21.21	-7.07	1.2
RE DISCCART	24.75	-10.61	1.2
RE DISCCART	28.28	-14.14	1.2
RE DISCCART	35.36	-21.21	1.2
RE DISCCART	42.43	-28.28	1.2
RE DISCCART	49.5	-35.36	1.2
RE DISCCART	56.57	-42.43	1.2
RE DISCCART	63.64	-49.5	1.2
RE DISCCART	70.71	-56.57	1.2
RE DISCCART	77.78	-63.64	1.2
RE DISCCART	-56.57	84.85	1.2
RE DISCCART	-49.5	77.78	1.2
RE DISCCART	-42.43	70.71	1.2
RE DISCCART	-35.36	63.64	1.2
RE DISCCART	-28.28	56.57	1.2
RE DISCCART	-21.21	49.5	1.2
RE DISCCART	-14.14	42.43	1.2
RE DISCCART	-7.07	35.36	1.2
RE DISCCART	-3.54	31.82	1.2
RE DISCCART	0.0	28.28	1.2
RE DISCCART	2.12	26.16	1.2
RE DISCCART	3.54	24.75	1.2
RE DISCCART	4.95	23.33	1.2
RE DISCCART	6.36	21.92	1.2
RE DISCCART	7.78	20.51	1.2
RE DISCCART	20.51	7.78	1.2
RE DISCCART	21.92	6.36	1.2
RE DISCCART	23.33	4.95	1.2
RE DISCCART	24.75	3.54	1.2
RE DISCCART	26.16	2.12	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	31.82	-3.54	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	42.43	-14.14	1.2
RE DISCCART	49.5	-21.21	1.2

RE DISCCART	56.57	-28.28	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	-49.5	91.92	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-35.36	77.78	1.2
RE DISCCART	-28.28	70.71	1.2
RE DISCCART	-21.21	63.64	1.2
RE DISCCART	-14.14	56.57	1.2
RE DISCCART	-7.07	49.5	1.2
RE DISCCART	0.0	42.43	1.2
RE DISCCART	3.54	38.89	1.2
RE DISCCART	7.07	35.36	1.2
RE DISCCART	9.19	33.23	1.2
RE DISCCART	10.61	31.82	1.2
RE DISCCART	12.02	30.41	1.2
RE DISCCART	13.44	28.99	1.2
RE DISCCART	14.85	27.58	1.2
RE DISCCART	27.58	14.85	1.2
RE DISCCART	28.99	13.44	1.2
RE DISCCART	30.41	12.02	1.2
RE DISCCART	31.82	10.61	1.2
RE DISCCART	33.23	9.19	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	38.89	3.54	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	63.64	-21.21	1.2
RE DISCCART	70.71	-28.28	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	-42.43	98.99	1.2
RE DISCCART	-35.36	91.92	1.2
RE DISCCART	-28.28	84.85	1.2
RE DISCCART	-21.21	77.78	1.2
RE DISCCART	-14.14	70.71	1.2
RE DISCCART	-7.07	63.64	1.2
RE DISCCART	0.0	56.57	1.2
RE DISCCART	7.07	49.5	1.2
RE DISCCART	10.61	45.96	1.2

RE DISCCART	14.14	42.43	1.2
RE DISCCART	16.26	40.31	1.2
RE DISCCART	17.68	38.89	1.2
RE DISCCART	19.09	37.48	1.2
RE DISCCART	20.51	36.06	1.2
RE DISCCART	21.92	34.65	1.2
RE DISCCART	34.65	21.92	1.2
RE DISCCART	36.06	20.51	1.2
RE DISCCART	37.48	19.09	1.2
RE DISCCART	38.89	17.68	1.2
RE DISCCART	40.31	16.26	1.2
RE DISCCART	42.43	14.14	1.2
RE DISCCART	45.96	10.61	1.2
RE DISCCART	49.5	7.07	1.2
RE DISCCART	56.57	0.0	1.2
RE DISCCART	63.64	-7.07	1.2
RE DISCCART	70.71	-14.14	1.2
RE DISCCART	77.78	-21.21	1.2
RE DISCCART	84.85	-28.28	1.2
RE DISCCART	91.92	-35.36	1.2
RE DISCCART	98.99	-42.43	1.2
RE DISCCART	-35.36	106.07	1.2
RE DISCCART	-28.28	98.99	1.2
RE DISCCART	-21.21	91.92	1.2
RE DISCCART	-14.14	84.85	1.2
RE DISCCART	-7.07	77.78	1.2
RE DISCCART	0.0	70.71	1.2
RE DISCCART	7.07	63.64	1.2
RE DISCCART	14.14	56.57	1.2
RE DISCCART	17.68	53.03	1.2
RE DISCCART	21.21	49.5	1.2
RE DISCCART	23.33	47.38	1.2
RE DISCCART	24.75	45.96	1.2
RE DISCCART	26.16	44.55	1.2
RE DISCCART	27.58	43.13	1.2
RE DISCCART	28.99	41.72	1.2
RE DISCCART	41.72	28.99	1.2
RE DISCCART	43.13	27.58	1.2
RE DISCCART	44.55	26.16	1.2
RE DISCCART	45.96	24.75	1.2
RE DISCCART	47.38	23.33	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	53.03	17.68	1.2
RE DISCCART	56.57	14.14	1.2

RE DISCCART 63.64 7.07 1.2
RE DISCCART 70.71 0.0 1.2
RE DISCCART 77.78 -7.07 1.2
RE DISCCART 84.85 -14.14 1.2
RE DISCCART 91.92 -21.21 1.2
RE DISCCART 98.99 -28.28 1.2
RE DISCCART 106.07 -35.36 1.2
RE DISCCART -28.28 113.14 1.2
RE DISCCART -21.21 106.07 1.2
RE DISCCART -14.14 98.99 1.2
RE DISCCART -7.07 91.92 1.2
RE DISCCART 0.0 84.85 1.2
RE DISCCART 7.07 77.78 1.2
RE DISCCART 14.14 70.71 1.2
RE DISCCART 21.21 63.64 1.2
RE DISCCART 24.75 60.1 1.2
RE DISCCART 28.28 56.57 1.2
RE DISCCART 30.41 54.45 1.2
RE DISCCART 31.82 53.03 1.2
RE DISCCART 33.23 51.62 1.2
RE DISCCART 34.65 50.2 1.2
RE DISCCART 36.06 48.79 1.2
RE DISCCART 48.79 36.06 1.2
RE DISCCART 50.2 34.65 1.2
RE DISCCART 51.62 33.23 1.2
RE DISCCART 53.03 31.82 1.2
RE DISCCART 54.45 30.41 1.2
RE DISCCART 56.57 28.28 1.2
RE DISCCART 60.1 24.75 1.2
RE DISCCART 63.64 21.21 1.2
RE DISCCART 70.71 14.14 1.2
RE DISCCART 77.78 7.07 1.2
RE DISCCART 84.85 0.0 1.2
RE DISCCART 91.92 -7.07 1.2
RE DISCCART 98.99 -14.14 1.2
RE DISCCART 106.07 -21.21 1.2
RE DISCCART 113.14 -28.28 1.2
RE DISCCART -21.21 120.21 1.2
RE DISCCART -14.14 113.14 1.2
RE DISCCART -7.07 106.07 1.2
RE DISCCART 0.0 98.99 1.2
RE DISCCART 7.07 91.92 1.2
RE DISCCART 14.14 84.85 1.2
RE DISCCART 21.21 77.78 1.2

RE DISCCART	28.28	70.71	1.2
RE DISCCART	31.82	67.18	1.2
RE DISCCART	35.36	63.64	1.2
RE DISCCART	37.48	61.52	1.2
RE DISCCART	38.89	60.1	1.2
RE DISCCART	40.31	58.69	1.2
RE DISCCART	41.72	57.28	1.2
RE DISCCART	43.13	55.86	1.2
RE DISCCART	55.86	43.13	1.2
RE DISCCART	57.28	41.72	1.2
RE DISCCART	58.69	40.31	1.2
RE DISCCART	60.1	38.89	1.2
RE DISCCART	61.52	37.48	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	67.18	31.82	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	91.92	7.07	1.2
RE DISCCART	98.99	0.0	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	-14.14	127.28	1.2
RE DISCCART	-7.07	120.21	1.2
RE DISCCART	0.0	113.14	1.2
RE DISCCART	7.07	106.07	1.2
RE DISCCART	14.14	98.99	1.2
RE DISCCART	21.21	91.92	1.2
RE DISCCART	28.28	84.85	1.2
RE DISCCART	35.36	77.78	1.2
RE DISCCART	38.89	74.25	1.2
RE DISCCART	42.43	70.71	1.2
RE DISCCART	44.55	68.59	1.2
RE DISCCART	45.96	67.18	1.2
RE DISCCART	47.38	65.76	1.2
RE DISCCART	48.79	64.35	1.2
RE DISCCART	50.2	62.93	1.2
RE DISCCART	62.93	50.2	1.2
RE DISCCART	64.35	48.79	1.2
RE DISCCART	65.76	47.38	1.2
RE DISCCART	67.18	45.96	1.2
RE DISCCART	68.59	44.55	1.2
RE DISCCART	70.71	42.43	1.2

RE DISCCART	74.25	38.89	1.2
RE DISCCART	77.78	35.36	1.2
RE DISCCART	84.85	28.28	1.2
RE DISCCART	91.92	21.21	1.2
RE DISCCART	98.99	14.14	1.2
RE DISCCART	106.07	7.07	1.2
RE DISCCART	113.14	0.0	1.2
RE DISCCART	120.21	-7.07	1.2
RE DISCCART	127.28	-14.14	1.2
RE DISCCART	-7.07	134.35	1.2
RE DISCCART	0.0	127.28	1.2
RE DISCCART	7.07	120.21	1.2
RE DISCCART	14.14	113.14	1.2
RE DISCCART	21.21	106.07	1.2
RE DISCCART	28.28	98.99	1.2
RE DISCCART	35.36	91.92	1.2
RE DISCCART	42.43	84.85	1.2
RE DISCCART	45.96	81.32	1.2
RE DISCCART	49.5	77.78	1.2
RE DISCCART	51.62	75.66	1.2
RE DISCCART	53.03	74.25	1.2
RE DISCCART	54.45	72.83	1.2
RE DISCCART	55.86	71.42	1.2
RE DISCCART	57.28	70.0	1.2
RE DISCCART	70.0	57.28	1.2
RE DISCCART	71.42	55.86	1.2
RE DISCCART	72.83	54.45	1.2
RE DISCCART	74.25	53.03	1.2
RE DISCCART	75.66	51.62	1.2
RE DISCCART	77.78	49.5	1.2
RE DISCCART	81.32	45.96	1.2
RE DISCCART	84.85	42.43	1.2
RE DISCCART	91.92	35.36	1.2
RE DISCCART	98.99	28.28	1.2
RE DISCCART	106.07	21.21	1.2
RE DISCCART	113.14	14.14	1.2
RE DISCCART	120.21	7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	0.0	141.42	1.2
RE DISCCART	7.07	134.35	1.2
RE DISCCART	14.14	127.28	1.2
RE DISCCART	21.21	120.21	1.2
RE DISCCART	28.28	113.14	1.2

RE DISCCART	35.36	106.07	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	49.5	91.92	1.2
RE DISCCART	53.03	88.39	1.2
RE DISCCART	56.57	84.85	1.2
RE DISCCART	58.69	82.73	1.2
RE DISCCART	60.1	81.32	1.2
RE DISCCART	61.52	79.9	1.2
RE DISCCART	62.93	78.49	1.2
RE DISCCART	64.35	77.07	1.2
RE DISCCART	77.07	64.35	1.2
RE DISCCART	78.49	62.93	1.2
RE DISCCART	79.9	61.52	1.2
RE DISCCART	81.32	60.1	1.2
RE DISCCART	82.73	58.69	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	88.39	53.03	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	113.14	28.28	1.2
RE DISCCART	120.21	21.21	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	7.07	148.49	1.2
RE DISCCART	14.14	141.42	1.2
RE DISCCART	21.21	134.35	1.2
RE DISCCART	28.28	127.28	1.2
RE DISCCART	35.36	120.21	1.2
RE DISCCART	42.43	113.14	1.2
RE DISCCART	49.5	106.07	1.2
RE DISCCART	56.57	98.99	1.2
RE DISCCART	60.1	95.46	1.2
RE DISCCART	63.64	91.92	1.2
RE DISCCART	65.76	89.8	1.2
RE DISCCART	67.18	88.39	1.2
RE DISCCART	68.59	86.97	1.2
RE DISCCART	70.0	85.56	1.2
RE DISCCART	71.42	84.15	1.2
RE DISCCART	84.15	71.42	1.2
RE DISCCART	85.56	70.0	1.2
RE DISCCART	86.97	68.59	1.2
RE DISCCART	88.39	67.18	1.2

RE DISCCART	89.8	65.76	1.2
RE DISCCART	91.92	63.64	1.2
RE DISCCART	95.46	60.1	1.2
RE DISCCART	98.99	56.57	1.2
RE DISCCART	106.07	49.5	1.2
RE DISCCART	113.14	42.43	1.2
RE DISCCART	120.21	35.36	1.2
RE DISCCART	127.28	28.28	1.2
RE DISCCART	134.35	21.21	1.2
RE DISCCART	141.42	14.14	1.2
RE DISCCART	148.49	7.07	1.2
RE DISCCART	14.14	155.56	1.2
RE DISCCART	21.21	148.49	1.2
RE DISCCART	28.28	141.42	1.2
RE DISCCART	35.36	134.35	1.2
RE DISCCART	42.43	127.28	1.2
RE DISCCART	49.5	120.21	1.2
RE DISCCART	56.57	113.14	1.2
RE DISCCART	63.64	106.07	1.2
RE DISCCART	67.18	102.53	1.2
RE DISCCART	70.71	98.99	1.2
RE DISCCART	72.83	96.87	1.2
RE DISCCART	74.25	95.46	1.2
RE DISCCART	75.66	94.05	1.2
RE DISCCART	77.07	92.63	1.2
RE DISCCART	78.49	91.22	1.2
RE DISCCART	91.22	78.49	1.2
RE DISCCART	92.63	77.07	1.2
RE DISCCART	94.05	75.66	1.2
RE DISCCART	95.46	74.25	1.2
RE DISCCART	96.87	72.83	1.2
RE DISCCART	98.99	70.71	1.2
RE DISCCART	102.53	67.18	1.2
RE DISCCART	106.07	63.64	1.2
RE DISCCART	113.14	56.57	1.2
RE DISCCART	120.21	49.5	1.2
RE DISCCART	127.28	42.43	1.2
RE DISCCART	134.35	35.36	1.2
RE DISCCART	141.42	28.28	1.2
RE DISCCART	148.49	21.21	1.2
RE DISCCART	155.56	14.14	1.2
RE DISCCART	21.21	162.63	1.2
RE DISCCART	28.28	155.56	1.2
RE DISCCART	35.36	148.49	1.2

RE DISCCART	42.43	141.42	1.2
RE DISCCART	49.5	134.35	1.2
RE DISCCART	56.57	127.28	1.2
RE DISCCART	63.64	120.21	1.2
RE DISCCART	70.71	113.14	1.2
RE DISCCART	74.25	109.6	1.2
RE DISCCART	77.78	106.07	1.2
RE DISCCART	79.9	103.94	1.2
RE DISCCART	81.32	102.53	1.2
RE DISCCART	82.73	101.12	1.2
RE DISCCART	84.15	99.7	1.2
RE DISCCART	85.56	98.29	1.2
RE DISCCART	98.29	85.56	1.2
RE DISCCART	99.7	84.15	1.2
RE DISCCART	101.12	82.73	1.2
RE DISCCART	102.53	81.32	1.2
RE DISCCART	103.94	79.9	1.2
RE DISCCART	106.07	77.78	1.2
RE DISCCART	109.6	74.25	1.2
RE DISCCART	113.14	70.71	1.2
RE DISCCART	120.21	63.64	1.2
RE DISCCART	127.28	56.57	1.2
RE DISCCART	134.35	49.5	1.2
RE DISCCART	141.42	42.43	1.2
RE DISCCART	148.49	35.36	1.2
RE DISCCART	155.56	28.28	1.2
RE DISCCART	162.63	21.21	1.2
RE DISCCART	28.28	169.71	1.2
RE DISCCART	35.36	162.63	1.2
RE DISCCART	42.43	155.56	1.2
RE DISCCART	49.5	148.49	1.2
RE DISCCART	56.57	141.42	1.2
RE DISCCART	63.64	134.35	1.2
RE DISCCART	70.71	127.28	1.2
RE DISCCART	77.78	120.21	1.2
RE DISCCART	81.32	116.67	1.2
RE DISCCART	84.85	113.14	1.2
RE DISCCART	86.97	111.02	1.2
RE DISCCART	88.39	109.6	1.2
RE DISCCART	89.8	108.19	1.2
RE DISCCART	91.22	106.77	1.2
RE DISCCART	92.63	105.36	1.2
RE DISCCART	105.36	92.63	1.2
RE DISCCART	106.77	91.22	1.2

RE DISCCART	108.19	89.8	1.2
RE DISCCART	109.6	88.39	1.2
RE DISCCART	111.02	86.97	1.2
RE DISCCART	113.14	84.85	1.2
RE DISCCART	116.67	81.32	1.2
RE DISCCART	120.21	77.78	1.2
RE DISCCART	127.28	70.71	1.2
RE DISCCART	134.35	63.64	1.2
RE DISCCART	141.42	56.57	1.2
RE DISCCART	148.49	49.5	1.2
RE DISCCART	155.56	42.43	1.2
RE DISCCART	162.63	35.36	1.2
RE DISCCART	169.71	28.28	1.2
RE DISCCART	35.36	176.78	1.2
RE DISCCART	42.43	169.71	1.2
RE DISCCART	49.5	162.63	1.2
RE DISCCART	56.57	155.56	1.2
RE DISCCART	63.64	148.49	1.2
RE DISCCART	70.71	141.42	1.2
RE DISCCART	77.78	134.35	1.2
RE DISCCART	84.85	127.28	1.2
RE DISCCART	88.39	123.74	1.2
RE DISCCART	91.92	120.21	1.2
RE DISCCART	94.05	118.09	1.2
RE DISCCART	95.46	116.67	1.2
RE DISCCART	96.87	115.26	1.2
RE DISCCART	98.29	113.84	1.2
RE DISCCART	99.7	112.43	1.2
RE DISCCART	112.43	99.7	1.2
RE DISCCART	113.84	98.29	1.2
RE DISCCART	115.26	96.87	1.2
RE DISCCART	116.67	95.46	1.2
RE DISCCART	118.09	94.05	1.2
RE DISCCART	120.21	91.92	1.2
RE DISCCART	123.74	88.39	1.2
RE DISCCART	127.28	84.85	1.2
RE DISCCART	134.35	77.78	1.2
RE DISCCART	141.42	70.71	1.2
RE DISCCART	148.49	63.64	1.2
RE DISCCART	155.56	56.57	1.2
RE DISCCART	162.63	49.5	1.2
RE DISCCART	169.71	42.43	1.2
RE DISCCART	176.78	35.36	1.2
RE DISCCART	42.43	183.85	1.2

RE DISCCART	49.5	176.78	1.2
RE DISCCART	56.57	169.71	1.2
RE DISCCART	63.64	162.63	1.2
RE DISCCART	70.71	155.56	1.2
RE DISCCART	77.78	148.49	1.2
RE DISCCART	84.85	141.42	1.2
RE DISCCART	91.92	134.35	1.2
RE DISCCART	95.46	130.81	1.2
RE DISCCART	98.99	127.28	1.2
RE DISCCART	101.12	125.16	1.2
RE DISCCART	102.53	123.74	1.2
RE DISCCART	103.94	122.33	1.2
RE DISCCART	105.36	120.92	1.2
RE DISCCART	106.77	119.5	1.2
RE DISCCART	119.5	106.77	1.2
RE DISCCART	120.92	105.36	1.2
RE DISCCART	122.33	103.94	1.2
RE DISCCART	123.74	102.53	1.2
RE DISCCART	125.16	101.12	1.2
RE DISCCART	127.28	98.99	1.2
RE DISCCART	130.81	95.46	1.2
RE DISCCART	134.35	91.92	1.2
RE DISCCART	141.42	84.85	1.2
RE DISCCART	148.49	77.78	1.2
RE DISCCART	155.56	70.71	1.2
RE DISCCART	162.63	63.64	1.2
RE DISCCART	169.71	56.57	1.2
RE DISCCART	176.78	49.5	1.2
RE DISCCART	183.85	42.43	1.2
RE DISCCART	49.5	190.92	1.2
RE DISCCART	56.57	183.85	1.2
RE DISCCART	63.64	176.78	1.2
RE DISCCART	70.71	169.71	1.2
RE DISCCART	77.78	162.63	1.2
RE DISCCART	84.85	155.56	1.2
RE DISCCART	91.92	148.49	1.2
RE DISCCART	98.99	141.42	1.2
RE DISCCART	102.53	137.89	1.2
RE DISCCART	106.07	134.35	1.2
RE DISCCART	108.19	132.23	1.2
RE DISCCART	109.6	130.81	1.2
RE DISCCART	111.02	129.4	1.2
RE DISCCART	112.43	127.99	1.2
RE DISCCART	113.84	126.57	1.2

RE DISCCART	126.57	113.84	1.2
RE DISCCART	127.99	112.43	1.2
RE DISCCART	129.4	111.02	1.2
RE DISCCART	130.81	109.6	1.2
RE DISCCART	132.23	108.19	1.2
RE DISCCART	134.35	106.07	1.2
RE DISCCART	137.89	102.53	1.2
RE DISCCART	141.42	98.99	1.2
RE DISCCART	148.49	91.92	1.2
RE DISCCART	155.56	84.85	1.2
RE DISCCART	162.63	77.78	1.2
RE DISCCART	169.71	70.71	1.2
RE DISCCART	176.78	63.64	1.2
RE DISCCART	183.85	56.57	1.2
RE DISCCART	190.92	49.5	1.2
RE DISCCART	56.57	197.99	1.2
RE DISCCART	63.64	190.92	1.2
RE DISCCART	70.71	183.85	1.2
RE DISCCART	77.78	176.78	1.2
RE DISCCART	84.85	169.71	1.2
RE DISCCART	91.92	162.63	1.2
RE DISCCART	98.99	155.56	1.2
RE DISCCART	106.07	148.49	1.2
RE DISCCART	109.6	144.96	1.2
RE DISCCART	113.14	141.42	1.2
RE DISCCART	115.26	139.3	1.2
RE DISCCART	116.67	137.89	1.2
RE DISCCART	118.09	136.47	1.2
RE DISCCART	119.5	135.06	1.2
RE DISCCART	120.92	133.64	1.2
RE DISCCART	133.64	120.92	1.2
RE DISCCART	135.06	119.5	1.2
RE DISCCART	136.47	118.09	1.2
RE DISCCART	137.89	116.67	1.2
RE DISCCART	139.3	115.26	1.2
RE DISCCART	141.42	113.14	1.2
RE DISCCART	144.96	109.6	1.2
RE DISCCART	148.49	106.07	1.2
RE DISCCART	155.56	98.99	1.2
RE DISCCART	162.63	91.92	1.2
RE DISCCART	169.71	84.85	1.2
RE DISCCART	176.78	77.78	1.2
RE DISCCART	183.85	70.71	1.2
RE DISCCART	190.92	63.64	1.2

RE DISCCART	197.99	56.57	1.2
RE DISCCART	63.64	205.06	1.2
RE DISCCART	70.71	197.99	1.2
RE DISCCART	77.78	190.92	1.2
RE DISCCART	84.85	183.85	1.2
RE DISCCART	91.92	176.78	1.2
RE DISCCART	98.99	169.71	1.2
RE DISCCART	106.07	162.63	1.2
RE DISCCART	113.14	155.56	1.2
RE DISCCART	116.67	152.03	1.2
RE DISCCART	120.21	148.49	1.2
RE DISCCART	122.33	146.37	1.2
RE DISCCART	123.74	144.96	1.2
RE DISCCART	125.16	143.54	1.2
RE DISCCART	126.57	142.13	1.2
RE DISCCART	127.99	140.71	1.2
RE DISCCART	140.71	127.99	1.2
RE DISCCART	142.13	126.57	1.2
RE DISCCART	143.54	125.16	1.2
RE DISCCART	144.96	123.74	1.2
RE DISCCART	146.37	122.33	1.2
RE DISCCART	148.49	120.21	1.2
RE DISCCART	152.03	116.67	1.2
RE DISCCART	155.56	113.14	1.2
RE DISCCART	162.63	106.07	1.2
RE DISCCART	169.71	98.99	1.2
RE DISCCART	176.78	91.92	1.2
RE DISCCART	183.85	84.85	1.2
RE DISCCART	190.92	77.78	1.2
RE DISCCART	197.99	70.71	1.2
RE DISCCART	205.06	63.64	1.2
RE DISCCART	70.71	212.13	1.2
RE DISCCART	77.78	205.06	1.2
RE DISCCART	84.85	197.99	1.2
RE DISCCART	91.92	190.92	1.2
RE DISCCART	98.99	183.85	1.2
RE DISCCART	106.07	176.78	1.2
RE DISCCART	113.14	169.71	1.2
RE DISCCART	120.21	162.63	1.2
RE DISCCART	123.74	159.1	1.2
RE DISCCART	127.28	155.56	1.2
RE DISCCART	129.4	153.44	1.2
RE DISCCART	130.81	152.03	1.2
RE DISCCART	132.23	150.61	1.2

RE DISCCART	133.64	149.2	1.2
RE DISCCART	135.06	147.79	1.2
RE DISCCART	147.79	135.06	1.2
RE DISCCART	149.2	133.64	1.2
RE DISCCART	150.61	132.23	1.2
RE DISCCART	152.03	130.81	1.2
RE DISCCART	153.44	129.4	1.2
RE DISCCART	155.56	127.28	1.2
RE DISCCART	159.1	123.74	1.2
RE DISCCART	162.63	120.21	1.2
RE DISCCART	169.71	113.14	1.2
RE DISCCART	176.78	106.07	1.2
RE DISCCART	183.85	98.99	1.2
RE DISCCART	190.92	91.92	1.2
RE DISCCART	197.99	84.85	1.2
RE DISCCART	205.06	77.78	1.2
RE DISCCART	212.13	70.71	1.2
RE DISCCART	77.78	219.2	1.2
RE DISCCART	84.85	212.13	1.2
RE DISCCART	91.92	205.06	1.2
RE DISCCART	98.99	197.99	1.2
RE DISCCART	106.07	190.92	1.2
RE DISCCART	113.14	183.85	1.2
RE DISCCART	120.21	176.78	1.2
RE DISCCART	127.28	169.71	1.2
RE DISCCART	130.81	166.17	1.2
RE DISCCART	134.35	162.63	1.2
RE DISCCART	136.47	160.51	1.2
RE DISCCART	137.89	159.1	1.2
RE DISCCART	139.3	157.68	1.2
RE DISCCART	140.71	156.27	1.2
RE DISCCART	142.13	154.86	1.2
RE DISCCART	154.86	142.13	1.2
RE DISCCART	156.27	140.71	1.2
RE DISCCART	157.68	139.3	1.2
RE DISCCART	159.1	137.89	1.2
RE DISCCART	160.51	136.47	1.2
RE DISCCART	162.63	134.35	1.2
RE DISCCART	166.17	130.81	1.2
RE DISCCART	169.71	127.28	1.2
RE DISCCART	176.78	120.21	1.2
RE DISCCART	183.85	113.14	1.2
RE DISCCART	190.92	106.07	1.2
RE DISCCART	197.99	98.99	1.2

RE DISCCART	205.06	91.92	1.2
RE DISCCART	212.13	84.85	1.2
RE DISCCART	219.2	77.78	1.2
RE DISCCART	84.85	226.27	1.2
RE DISCCART	91.92	219.2	1.2
RE DISCCART	98.99	212.13	1.2
RE DISCCART	106.07	205.06	1.2
RE DISCCART	113.14	197.99	1.2
RE DISCCART	120.21	190.92	1.2
RE DISCCART	127.28	183.85	1.2
RE DISCCART	134.35	176.78	1.2
RE DISCCART	137.89	173.24	1.2
RE DISCCART	141.42	169.71	1.2
RE DISCCART	143.54	167.58	1.2
RE DISCCART	144.96	166.17	1.2
RE DISCCART	146.37	164.76	1.2
RE DISCCART	147.79	163.34	1.2
RE DISCCART	149.2	161.93	1.2
RE DISCCART	161.93	149.2	1.2
RE DISCCART	163.34	147.79	1.2
RE DISCCART	164.76	146.37	1.2
RE DISCCART	166.17	144.96	1.2
RE DISCCART	167.58	143.54	1.2
RE DISCCART	169.71	141.42	1.2
RE DISCCART	173.24	137.89	1.2
RE DISCCART	176.78	134.35	1.2
RE DISCCART	183.85	127.28	1.2
RE DISCCART	190.92	120.21	1.2
RE DISCCART	197.99	113.14	1.2
RE DISCCART	205.06	106.07	1.2
RE DISCCART	212.13	98.99	1.2
RE DISCCART	219.2	91.92	1.2
RE DISCCART	226.27	84.85	1.2
RE DISCCART	91.92	233.35	1.2
RE DISCCART	98.99	226.27	1.2
RE DISCCART	106.07	219.2	1.2
RE DISCCART	113.14	212.13	1.2
RE DISCCART	120.21	205.06	1.2
RE DISCCART	127.28	197.99	1.2
RE DISCCART	134.35	190.92	1.2
RE DISCCART	141.42	183.85	1.2
RE DISCCART	144.96	180.31	1.2
RE DISCCART	148.49	176.78	1.2
RE DISCCART	150.61	174.66	1.2

RE DISCCART	152.03	173.24	1.2
RE DISCCART	153.44	171.83	1.2
RE DISCCART	154.86	170.41	1.2
RE DISCCART	156.27	169.0	1.2
RE DISCCART	169.0	156.27	1.2
RE DISCCART	170.41	154.86	1.2
RE DISCCART	171.83	153.44	1.2
RE DISCCART	173.24	152.03	1.2
RE DISCCART	174.66	150.61	1.2
RE DISCCART	176.78	148.49	1.2
RE DISCCART	180.31	144.96	1.2
RE DISCCART	183.85	141.42	1.2
RE DISCCART	190.92	134.35	1.2
RE DISCCART	197.99	127.28	1.2
RE DISCCART	205.06	120.21	1.2
RE DISCCART	212.13	113.14	1.2
RE DISCCART	219.2	106.07	1.2
RE DISCCART	226.27	98.99	1.2
RE DISCCART	233.35	91.92	1.2
RE DISCCART	98.99	240.42	1.2
RE DISCCART	106.07	233.35	1.2
RE DISCCART	113.14	226.27	1.2
RE DISCCART	120.21	219.2	1.2
RE DISCCART	127.28	212.13	1.2
RE DISCCART	134.35	205.06	1.2
RE DISCCART	141.42	197.99	1.2
RE DISCCART	148.49	190.92	1.2
RE DISCCART	152.03	187.38	1.2
RE DISCCART	155.56	183.85	1.2
RE DISCCART	157.68	181.73	1.2
RE DISCCART	159.1	180.31	1.2
RE DISCCART	160.51	178.9	1.2
RE DISCCART	161.93	177.48	1.2
RE DISCCART	163.34	176.07	1.2
RE DISCCART	176.07	163.34	1.2
RE DISCCART	177.48	161.93	1.2
RE DISCCART	178.9	160.51	1.2
RE DISCCART	180.31	159.1	1.2
RE DISCCART	181.73	157.68	1.2
RE DISCCART	183.85	155.56	1.2
RE DISCCART	187.38	152.03	1.2
RE DISCCART	190.92	148.49	1.2
RE DISCCART	197.99	141.42	1.2
RE DISCCART	205.06	134.35	1.2

RE DISCCART 212.13 127.28 1.2
RE DISCCART 219.2 120.21 1.2
RE DISCCART 226.27 113.14 1.2
RE DISCCART 233.35 106.07 1.2
RE DISCCART 240.42 98.99 1.2
RE DISCCART 106.07 247.49 1.2
RE DISCCART 113.14 240.42 1.2
RE DISCCART 120.21 233.35 1.2
RE DISCCART 127.28 226.27 1.2
RE DISCCART 134.35 219.2 1.2
RE DISCCART 141.42 212.13 1.2
RE DISCCART 148.49 205.06 1.2
RE DISCCART 155.56 197.99 1.2
RE DISCCART 159.1 194.45 1.2
RE DISCCART 162.63 190.92 1.2
RE DISCCART 164.76 188.8 1.2
RE DISCCART 166.17 187.38 1.2
RE DISCCART 167.58 185.97 1.2
RE DISCCART 169.0 184.55 1.2
RE DISCCART 170.41 183.14 1.2
RE DISCCART 183.14 170.41 1.2
RE DISCCART 184.55 169.0 1.2
RE DISCCART 185.97 167.58 1.2
RE DISCCART 187.38 166.17 1.2
RE DISCCART 188.8 164.76 1.2
RE DISCCART 190.92 162.63 1.2
RE DISCCART 194.45 159.1 1.2
RE DISCCART 197.99 155.56 1.2
RE DISCCART 205.06 148.49 1.2
RE DISCCART 212.13 141.42 1.2
RE DISCCART 219.2 134.35 1.2
RE DISCCART 226.27 127.28 1.2
RE DISCCART 233.35 120.21 1.2
RE DISCCART 240.42 113.14 1.2
RE DISCCART 247.49 106.07 1.2
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP94300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 1994

ME UAIRDATA 4901 1994

ME STARTEND 1994 01 01 1 1994 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\11NCRA-1.DAT

**Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\11NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

EMISSION RATE SOURCE SCALAR VARY BY ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	92.3	98.6	0.0	4.95	9.00	90.00	45.00	2.30
NCRA_S2	0	0.21100E-07	28.6	35.0	0.0	4.95	9.00	90.00	45.00	2.30
NCRA_S3	0	0.21100E-07	-35.0	-28.6	0.0	4.95	9.00	90.00	45.00	2.30
NCRA_S4	0	0.21100E-07	-98.6	-92.3	0.0	4.95	9.00	90.00	45.00	2.30
NCRA_S5	0	0.21100E-07	-162.3	-155.9	0.0	4.95	9.00	90.00	45.00	2.30

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

NCRA_S1 NCRA_S1 ,

NCRA_S2 NCRA_S2 ,

NCRA_S3 NCRA_S3 ,

NCRA_S4 NCRA_S4 ,

NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-247.5, -106.1, 0.0, 1.2);	(-240.4, -113.1, 0.0, 1.2);
(-233.4, -120.2, 0.0, 1.2);	(-226.3, -127.3, 0.0, 1.2);
(-219.2, -134.4, 0.0, 1.2);	(-212.1, -141.4, 0.0, 1.2);

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

(-205.1,	-148.5,	0.0,	1.2);	(-198.0,	-155.6,	0.0,	1.2);
(-194.4,	-159.1,	0.0,	1.2);	(-190.9,	-162.6,	0.0,	1.2);
(-188.8,	-164.8,	0.0,	1.2);	(-187.4,	-166.2,	0.0,	1.2);
(-186.0,	-167.6,	0.0,	1.2);	(-184.6,	-169.0,	0.0,	1.2);
(-183.1,	-170.4,	0.0,	1.2);	(-170.4,	-183.1,	0.0,	1.2);
(-169.0,	-184.6,	0.0,	1.2);	(-167.6,	-186.0,	0.0,	1.2);
(-166.2,	-187.4,	0.0,	1.2);	(-164.8,	-188.8,	0.0,	1.2);
(-162.6,	-190.9,	0.0,	1.2);	(-159.1,	-194.4,	0.0,	1.2);
(-155.6,	-198.0,	0.0,	1.2);	(-148.5,	-205.1,	0.0,	1.2);
(-141.4,	-212.1,	0.0,	1.2);	(-134.4,	-219.2,	0.0,	1.2);
(-127.3,	-226.3,	0.0,	1.2);	(-120.2,	-233.4,	0.0,	1.2);
(-113.1,	-240.4,	0.0,	1.2);	(-106.1,	-247.5,	0.0,	1.2);
(-240.4,	-99.0,	0.0,	1.2);	(-233.4,	-106.1,	0.0,	1.2);
(-226.3,	-113.1,	0.0,	1.2);	(-219.2,	-120.2,	0.0,	1.2);
(-212.1,	-127.3,	0.0,	1.2);	(-205.1,	-134.4,	0.0,	1.2);
(-198.0,	-141.4,	0.0,	1.2);	(-190.9,	-148.5,	0.0,	1.2);
(-187.4,	-152.0,	0.0,	1.2);	(-183.9,	-155.6,	0.0,	1.2);
(-181.7,	-157.7,	0.0,	1.2);	(-180.3,	-159.1,	0.0,	1.2);
(-178.9,	-160.5,	0.0,	1.2);	(-177.5,	-161.9,	0.0,	1.2);
(-176.1,	-163.3,	0.0,	1.2);	(-163.3,	-176.1,	0.0,	1.2);
(-161.9,	-177.5,	0.0,	1.2);	(-160.5,	-178.9,	0.0,	1.2);
(-159.1,	-180.3,	0.0,	1.2);	(-157.7,	-181.7,	0.0,	1.2);
(-155.6,	-183.9,	0.0,	1.2);	(-152.0,	-187.4,	0.0,	1.2);
(-148.5,	-190.9,	0.0,	1.2);	(-141.4,	-198.0,	0.0,	1.2);
(-134.4,	-205.1,	0.0,	1.2);	(-127.3,	-212.1,	0.0,	1.2);
(-120.2,	-219.2,	0.0,	1.2);	(-113.1,	-226.3,	0.0,	1.2);
(-106.1,	-233.4,	0.0,	1.2);	(-99.0,	-240.4,	0.0,	1.2);
(-233.4,	-91.9,	0.0,	1.2);	(-226.3,	-99.0,	0.0,	1.2);
(-219.2,	-106.1,	0.0,	1.2);	(-212.1,	-113.1,	0.0,	1.2);
(-205.1,	-120.2,	0.0,	1.2);	(-198.0,	-127.3,	0.0,	1.2);
(-190.9,	-134.4,	0.0,	1.2);	(-183.9,	-141.4,	0.0,	1.2);
(-180.3,	-145.0,	0.0,	1.2);	(-176.8,	-148.5,	0.0,	1.2);
(-174.7,	-150.6,	0.0,	1.2);	(-173.2,	-152.0,	0.0,	1.2);
(-171.8,	-153.4,	0.0,	1.2);	(-170.4,	-154.9,	0.0,	1.2);
(-169.0,	-156.3,	0.0,	1.2);	(-156.3,	-169.0,	0.0,	1.2);
(-154.9,	-170.4,	0.0,	1.2);	(-153.4,	-171.8,	0.0,	1.2);
(-152.0,	-173.2,	0.0,	1.2);	(-150.6,	-174.7,	0.0,	1.2);
(-148.5,	-176.8,	0.0,	1.2);	(-145.0,	-180.3,	0.0,	1.2);
(-141.4,	-183.9,	0.0,	1.2);	(-134.4,	-190.9,	0.0,	1.2);
(-127.3,	-198.0,	0.0,	1.2);	(-120.2,	-205.1,	0.0,	1.2);
(-113.1,	-212.1,	0.0,	1.2);	(-106.1,	-219.2,	0.0,	1.2);
(-99.0,	-226.3,	0.0,	1.2);	(-91.9,	-233.4,	0.0,	1.2);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-226.3, -84.8, 0.0, 1.2);	(-219.2, -91.9, 0.0, 1.2);
(-212.1, -99.0, 0.0, 1.2);	(-205.1, -106.1, 0.0, 1.2);
(-198.0, -113.1, 0.0, 1.2);	(-190.9, -120.2, 0.0, 1.2);
(-183.9, -127.3, 0.0, 1.2);	(-176.8, -134.4, 0.0, 1.2);
(-173.2, -137.9, 0.0, 1.2);	(-169.7, -141.4, 0.0, 1.2);
(-167.6, -143.5, 0.0, 1.2);	(-166.2, -145.0, 0.0, 1.2);
(-164.8, -146.4, 0.0, 1.2);	(-163.3, -147.8, 0.0, 1.2);
(-161.9, -149.2, 0.0, 1.2);	(-149.2, -161.9, 0.0, 1.2);
(-147.8, -163.3, 0.0, 1.2);	(-146.4, -164.8, 0.0, 1.2);
(-145.0, -166.2, 0.0, 1.2);	(-143.5, -167.6, 0.0, 1.2);
(-141.4, -169.7, 0.0, 1.2);	(-137.9, -173.2, 0.0, 1.2);
(-134.4, -176.8, 0.0, 1.2);	(-127.3, -183.9, 0.0, 1.2);
(-120.2, -190.9, 0.0, 1.2);	(-113.1, -198.0, 0.0, 1.2);
(-106.1, -205.1, 0.0, 1.2);	(-99.0, -212.1, 0.0, 1.2);
(-91.9, -219.2, 0.0, 1.2);	(-84.8, -226.3, 0.0, 1.2);
(-219.2, -77.8, 0.0, 1.2);	(-212.1, -84.8, 0.0, 1.2);
(-205.1, -91.9, 0.0, 1.2);	(-198.0, -99.0, 0.0, 1.2);
(-190.9, -106.1, 0.0, 1.2);	(-183.9, -113.1, 0.0, 1.2);
(-176.8, -120.2, 0.0, 1.2);	(-169.7, -127.3, 0.0, 1.2);
(-166.2, -130.8, 0.0, 1.2);	(-162.6, -134.4, 0.0, 1.2);
(-160.5, -136.5, 0.0, 1.2);	(-159.1, -137.9, 0.0, 1.2);
(-157.7, -139.3, 0.0, 1.2);	(-156.3, -140.7, 0.0, 1.2);
(-154.9, -142.1, 0.0, 1.2);	(-142.1, -154.9, 0.0, 1.2);
(-140.7, -156.3, 0.0, 1.2);	(-139.3, -157.7, 0.0, 1.2);
(-137.9, -159.1, 0.0, 1.2);	(-136.5, -160.5, 0.0, 1.2);
(-134.4, -162.6, 0.0, 1.2);	(-130.8, -166.2, 0.0, 1.2);
(-127.3, -169.7, 0.0, 1.2);	(-120.2, -176.8, 0.0, 1.2);
(-113.1, -183.9, 0.0, 1.2);	(-106.1, -190.9, 0.0, 1.2);
(-99.0, -198.0, 0.0, 1.2);	(-91.9, -205.1, 0.0, 1.2);
(-84.8, -212.1, 0.0, 1.2);	(-77.8, -219.2, 0.0, 1.2);
(-212.1, -70.7, 0.0, 1.2);	(-205.1, -77.8, 0.0, 1.2);
(-198.0, -84.8, 0.0, 1.2);	(-190.9, -91.9, 0.0, 1.2);
(-183.9, -99.0, 0.0, 1.2);	(-176.8, -106.1, 0.0, 1.2);
(-169.7, -113.1, 0.0, 1.2);	(-162.6, -120.2, 0.0, 1.2);
(-159.1, -123.7, 0.0, 1.2);	(-155.6, -127.3, 0.0, 1.2);
(-153.4, -129.4, 0.0, 1.2);	(-152.0, -130.8, 0.0, 1.2);
(-150.6, -132.2, 0.0, 1.2);	(-149.2, -133.6, 0.0, 1.2);
(-147.8, -135.1, 0.0, 1.2);	(-135.1, -147.8, 0.0, 1.2);
(-133.6, -149.2, 0.0, 1.2);	(-132.2, -150.6, 0.0, 1.2);

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11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound
( -130.8, -152.0, 0.0, 1.2); ( -129.4, -153.4, 0.0, 1.2);
( -127.3, -155.6, 0.0, 1.2); ( -123.7, -159.1, 0.0, 1.2);
( -120.2, -162.6, 0.0, 1.2); ( -113.1, -169.7, 0.0, 1.2);
( -106.1, -176.8, 0.0, 1.2); ( -99.0, -183.9, 0.0, 1.2);
( -91.9, -190.9, 0.0, 1.2); ( -84.8, -198.0, 0.0, 1.2);
( -77.8, -205.1, 0.0, 1.2); ( -70.7, -212.1, 0.0, 1.2);

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1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

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*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

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```

( -205.1, -63.6, 0.0, 1.2); ( -198.0, -70.7, 0.0, 1.2);
( -190.9, -77.8, 0.0, 1.2); ( -183.9, -84.8, 0.0, 1.2);
( -176.8, -91.9, 0.0, 1.2); ( -169.7, -99.0, 0.0, 1.2);
( -162.6, -106.1, 0.0, 1.2); ( -155.6, -113.1, 0.0, 1.2);
( -152.0, -116.7, 0.0, 1.2); ( -148.5, -120.2, 0.0, 1.2);
( -146.4, -122.3, 0.0, 1.2); ( -145.0, -123.7, 0.0, 1.2);
( -143.5, -125.2, 0.0, 1.2); ( -142.1, -126.6, 0.0, 1.2);
( -140.7, -128.0, 0.0, 1.2); ( -128.0, -140.7, 0.0, 1.2);
( -126.6, -142.1, 0.0, 1.2); ( -125.2, -143.5, 0.0, 1.2);
( -123.7, -145.0, 0.0, 1.2); ( -122.3, -146.4, 0.0, 1.2);
( -120.2, -148.5, 0.0, 1.2); ( -116.7, -152.0, 0.0, 1.2);
( -113.1, -155.6, 0.0, 1.2); ( -106.1, -162.6, 0.0, 1.2);
( -99.0, -169.7, 0.0, 1.2); ( -91.9, -176.8, 0.0, 1.2);
( -84.8, -183.9, 0.0, 1.2); ( -77.8, -190.9, 0.0, 1.2);
( -70.7, -198.0, 0.0, 1.2); ( -63.6, -205.1, 0.0, 1.2);
( -198.0, -56.6, 0.0, 1.2); ( -190.9, -63.6, 0.0, 1.2);
( -183.9, -70.7, 0.0, 1.2); ( -176.8, -77.8, 0.0, 1.2);
( -169.7, -84.8, 0.0, 1.2); ( -162.6, -91.9, 0.0, 1.2);
( -155.6, -99.0, 0.0, 1.2); ( -148.5, -106.1, 0.0, 1.2);
( -145.0, -109.6, 0.0, 1.2); ( -141.4, -113.1, 0.0, 1.2);
( -139.3, -115.3, 0.0, 1.2); ( -137.9, -116.7, 0.0, 1.2);
( -136.5, -118.1, 0.0, 1.2); ( -135.1, -119.5, 0.0, 1.2);
( -133.6, -120.9, 0.0, 1.2); ( -120.9, -133.6, 0.0, 1.2);
( -119.5, -135.1, 0.0, 1.2); ( -118.1, -136.5, 0.0, 1.2);
( -116.7, -137.9, 0.0, 1.2); ( -115.3, -139.3, 0.0, 1.2);
( -113.1, -141.4, 0.0, 1.2); ( -109.6, -145.0, 0.0, 1.2);
( -106.1, -148.5, 0.0, 1.2); ( -99.0, -155.6, 0.0, 1.2);
( -91.9, -162.6, 0.0, 1.2); ( -84.8, -169.7, 0.0, 1.2);
( -77.8, -176.8, 0.0, 1.2); ( -70.7, -183.9, 0.0, 1.2);
( -63.6, -190.9, 0.0, 1.2); ( -56.6, -198.0, 0.0, 1.2);
( -190.9, -49.5, 0.0, 1.2); ( -183.9, -56.6, 0.0, 1.2);

```

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

(-176.8, -63.6, 0.0, 1.2);	(-169.7, -70.7, 0.0, 1.2);
(-162.6, -77.8, 0.0, 1.2);	(-155.6, -84.8, 0.0, 1.2);
(-148.5, -91.9, 0.0, 1.2);	(-141.4, -99.0, 0.0, 1.2);
(-137.9, -102.5, 0.0, 1.2);	(-134.4, -106.1, 0.0, 1.2);
(-132.2, -108.2, 0.0, 1.2);	(-130.8, -109.6, 0.0, 1.2);
(-129.4, -111.0, 0.0, 1.2);	(-128.0, -112.4, 0.0, 1.2);
(-126.6, -113.8, 0.0, 1.2);	(-113.8, -126.6, 0.0, 1.2);
(-112.4, -128.0, 0.0, 1.2);	(-111.0, -129.4, 0.0, 1.2);
(-109.6, -130.8, 0.0, 1.2);	(-108.2, -132.2, 0.0, 1.2);
(-106.1, -134.4, 0.0, 1.2);	(-102.5, -137.9, 0.0, 1.2);
(-99.0, -141.4, 0.0, 1.2);	(-91.9, -148.5, 0.0, 1.2);
(-84.8, -155.6, 0.0, 1.2);	(-77.8, -162.6, 0.0, 1.2);
(-70.7, -169.7, 0.0, 1.2);	(-63.6, -176.8, 0.0, 1.2);
(-56.6, -183.9, 0.0, 1.2);	(-49.5, -190.9, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-183.9, -42.4, 0.0, 1.2);	(-176.8, -49.5, 0.0, 1.2);
(-169.7, -56.6, 0.0, 1.2);	(-162.6, -63.6, 0.0, 1.2);
(-155.6, -70.7, 0.0, 1.2);	(-148.5, -77.8, 0.0, 1.2);
(-141.4, -84.8, 0.0, 1.2);	(-134.4, -91.9, 0.0, 1.2);
(-130.8, -95.5, 0.0, 1.2);	(-127.3, -99.0, 0.0, 1.2);
(-125.2, -101.1, 0.0, 1.2);	(-123.7, -102.5, 0.0, 1.2);
(-122.3, -103.9, 0.0, 1.2);	(-120.9, -105.4, 0.0, 1.2);
(-119.5, -106.8, 0.0, 1.2);	(-106.8, -119.5, 0.0, 1.2);
(-105.4, -120.9, 0.0, 1.2);	(-103.9, -122.3, 0.0, 1.2);
(-102.5, -123.7, 0.0, 1.2);	(-101.1, -125.2, 0.0, 1.2);
(-99.0, -127.3, 0.0, 1.2);	(-95.5, -130.8, 0.0, 1.2);
(-91.9, -134.4, 0.0, 1.2);	(-84.8, -141.4, 0.0, 1.2);
(-77.8, -148.5, 0.0, 1.2);	(-70.7, -155.6, 0.0, 1.2);
(-63.6, -162.6, 0.0, 1.2);	(-56.6, -169.7, 0.0, 1.2);
(-49.5, -176.8, 0.0, 1.2);	(-42.4, -183.9, 0.0, 1.2);
(-176.8, -35.4, 0.0, 1.2);	(-169.7, -42.4, 0.0, 1.2);
(-162.6, -49.5, 0.0, 1.2);	(-155.6, -56.6, 0.0, 1.2);
(-148.5, -63.6, 0.0, 1.2);	(-141.4, -70.7, 0.0, 1.2);
(-134.4, -77.8, 0.0, 1.2);	(-127.3, -84.8, 0.0, 1.2);
(-123.7, -88.4, 0.0, 1.2);	(-120.2, -91.9, 0.0, 1.2);
(-118.1, -94.1, 0.0, 1.2);	(-116.7, -95.5, 0.0, 1.2);
(-115.3, -96.9, 0.0, 1.2);	(-113.8, -98.3, 0.0, 1.2);
(-112.4, -99.7, 0.0, 1.2);	(-99.7, -112.4, 0.0, 1.2);

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

(-98.3,	-113.8,	0.0,	1.2);	(-96.9,	-115.3,	0.0,	1.2);
(-95.5,	-116.7,	0.0,	1.2);	(-94.1,	-118.1,	0.0,	1.2);
(-91.9,	-120.2,	0.0,	1.2);	(-88.4,	-123.7,	0.0,	1.2);
(-84.8,	-127.3,	0.0,	1.2);	(-77.8,	-134.4,	0.0,	1.2);
(-70.7,	-141.4,	0.0,	1.2);	(-63.6,	-148.5,	0.0,	1.2);
(-56.6,	-155.6,	0.0,	1.2);	(-49.5,	-162.6,	0.0,	1.2);
(-42.4,	-169.7,	0.0,	1.2);	(-35.4,	-176.8,	0.0,	1.2);
(-169.7,	-28.3,	0.0,	1.2);	(-162.6,	-35.4,	0.0,	1.2);
(-155.6,	-42.4,	0.0,	1.2);	(-148.5,	-49.5,	0.0,	1.2);
(-141.4,	-56.6,	0.0,	1.2);	(-134.4,	-63.6,	0.0,	1.2);
(-127.3,	-70.7,	0.0,	1.2);	(-120.2,	-77.8,	0.0,	1.2);
(-116.7,	-81.3,	0.0,	1.2);	(-113.1,	-84.8,	0.0,	1.2);
(-111.0,	-87.0,	0.0,	1.2);	(-109.6,	-88.4,	0.0,	1.2);
(-108.2,	-89.8,	0.0,	1.2);	(-106.8,	-91.2,	0.0,	1.2);
(-105.4,	-92.6,	0.0,	1.2);	(-92.6,	-105.4,	0.0,	1.2);
(-91.2,	-106.8,	0.0,	1.2);	(-89.8,	-108.2,	0.0,	1.2);
(-88.4,	-109.6,	0.0,	1.2);	(-87.0,	-111.0,	0.0,	1.2);
(-84.8,	-113.1,	0.0,	1.2);	(-81.3,	-116.7,	0.0,	1.2);
(-77.8,	-120.2,	0.0,	1.2);	(-70.7,	-127.3,	0.0,	1.2);
(-63.6,	-134.4,	0.0,	1.2);	(-56.6,	-141.4,	0.0,	1.2);
(-49.5,	-148.5,	0.0,	1.2);	(-42.4,	-155.6,	0.0,	1.2);
(-35.4,	-162.6,	0.0,	1.2);	(-28.3,	-169.7,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-162.6,	-21.2,	0.0,	1.2);	(-155.6,	-28.3,	0.0,	1.2);
(-148.5,	-35.4,	0.0,	1.2);	(-141.4,	-42.4,	0.0,	1.2);
(-134.4,	-49.5,	0.0,	1.2);	(-127.3,	-56.6,	0.0,	1.2);
(-120.2,	-63.6,	0.0,	1.2);	(-113.1,	-70.7,	0.0,	1.2);
(-109.6,	-74.2,	0.0,	1.2);	(-106.1,	-77.8,	0.0,	1.2);
(-103.9,	-79.9,	0.0,	1.2);	(-102.5,	-81.3,	0.0,	1.2);
(-101.1,	-82.7,	0.0,	1.2);	(-99.7,	-84.2,	0.0,	1.2);
(-98.3,	-85.6,	0.0,	1.2);	(-85.6,	-98.3,	0.0,	1.2);
(-84.2,	-99.7,	0.0,	1.2);	(-82.7,	-101.1,	0.0,	1.2);
(-81.3,	-102.5,	0.0,	1.2);	(-79.9,	-103.9,	0.0,	1.2);
(-77.8,	-106.1,	0.0,	1.2);	(-74.2,	-109.6,	0.0,	1.2);
(-70.7,	-113.1,	0.0,	1.2);	(-63.6,	-120.2,	0.0,	1.2);
(-56.6,	-127.3,	0.0,	1.2);	(-49.5,	-134.4,	0.0,	1.2);
(-42.4,	-141.4,	0.0,	1.2);	(-35.4,	-148.5,	0.0,	1.2);
(-28.3,	-155.6,	0.0,	1.2);	(-21.2,	-162.6,	0.0,	1.2);

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

(-155.6,	-14.1,	0.0,	1.2);	(-148.5,	-21.2,	0.0,	1.2);
(-141.4,	-28.3,	0.0,	1.2);	(-134.4,	-35.4,	0.0,	1.2);
(-127.3,	-42.4,	0.0,	1.2);	(-120.2,	-49.5,	0.0,	1.2);
(-113.1,	-56.6,	0.0,	1.2);	(-106.1,	-63.6,	0.0,	1.2);
(-102.5,	-67.2,	0.0,	1.2);	(-99.0,	-70.7,	0.0,	1.2);
(-96.9,	-72.8,	0.0,	1.2);	(-95.5,	-74.2,	0.0,	1.2);
(-94.1,	-75.7,	0.0,	1.2);	(-92.6,	-77.1,	0.0,	1.2);
(-91.2,	-78.5,	0.0,	1.2);	(-78.5,	-91.2,	0.0,	1.2);
(-77.1,	-92.6,	0.0,	1.2);	(-75.7,	-94.1,	0.0,	1.2);
(-74.2,	-95.5,	0.0,	1.2);	(-72.8,	-96.9,	0.0,	1.2);
(-70.7,	-99.0,	0.0,	1.2);	(-67.2,	-102.5,	0.0,	1.2);
(-63.6,	-106.1,	0.0,	1.2);	(-56.6,	-113.1,	0.0,	1.2);
(-49.5,	-120.2,	0.0,	1.2);	(-42.4,	-127.3,	0.0,	1.2);
(-35.4,	-134.4,	0.0,	1.2);	(-28.3,	-141.4,	0.0,	1.2);
(-21.2,	-148.5,	0.0,	1.2);	(-14.1,	-155.6,	0.0,	1.2);
(-148.5,	-7.1,	0.0,	1.2);	(-141.4,	-14.1,	0.0,	1.2);
(-134.4,	-21.2,	0.0,	1.2);	(-127.3,	-28.3,	0.0,	1.2);
(-120.2,	-35.4,	0.0,	1.2);	(-113.1,	-42.4,	0.0,	1.2);
(-106.1,	-49.5,	0.0,	1.2);	(-99.0,	-56.6,	0.0,	1.2);
(-95.5,	-60.1,	0.0,	1.2);	(-91.9,	-63.6,	0.0,	1.2);
(-89.8,	-65.8,	0.0,	1.2);	(-88.4,	-67.2,	0.0,	1.2);
(-87.0,	-68.6,	0.0,	1.2);	(-85.6,	-70.0,	0.0,	1.2);
(-84.2,	-71.4,	0.0,	1.2);	(-71.4,	-84.2,	0.0,	1.2);
(-70.0,	-85.6,	0.0,	1.2);	(-68.6,	-87.0,	0.0,	1.2);
(-67.2,	-88.4,	0.0,	1.2);	(-65.8,	-89.8,	0.0,	1.2);
(-63.6,	-91.9,	0.0,	1.2);	(-60.1,	-95.5,	0.0,	1.2);
(-56.6,	-99.0,	0.0,	1.2);	(-49.5,	-106.1,	0.0,	1.2);
(-42.4,	-113.1,	0.0,	1.2);	(-35.4,	-120.2,	0.0,	1.2);
(-28.3,	-127.3,	0.0,	1.2);	(-21.2,	-134.4,	0.0,	1.2);
(-14.1,	-141.4,	0.0,	1.2);	(-7.1,	-148.5,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-141.4,	0.0,	0.0,	1.2);	(-134.4,	-7.1,	0.0,	1.2);
(-127.3,	-14.1,	0.0,	1.2);	(-120.2,	-21.2,	0.0,	1.2);
(-113.1,	-28.3,	0.0,	1.2);	(-106.1,	-35.4,	0.0,	1.2);
(-99.0,	-42.4,	0.0,	1.2);	(-91.9,	-49.5,	0.0,	1.2);
(-88.4,	-53.0,	0.0,	1.2);	(-84.8,	-56.6,	0.0,	1.2);
(-82.7,	-58.7,	0.0,	1.2);	(-81.3,	-60.1,	0.0,	1.2);
(-79.9,	-61.5,	0.0,	1.2);	(-78.5,	-62.9,	0.0,	1.2);

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

(-77.1, -64.3, 0.0, 1.2);	(-64.3, -77.1, 0.0, 1.2);
(-62.9, -78.5, 0.0, 1.2);	(-61.5, -79.9, 0.0, 1.2);
(-60.1, -81.3, 0.0, 1.2);	(-58.7, -82.7, 0.0, 1.2);
(-56.6, -84.8, 0.0, 1.2);	(-53.0, -88.4, 0.0, 1.2);
(-49.5, -91.9, 0.0, 1.2);	(-42.4, -99.0, 0.0, 1.2);
(-35.4, -106.1, 0.0, 1.2);	(-28.3, -113.1, 0.0, 1.2);
(-21.2, -120.2, 0.0, 1.2);	(-14.1, -127.3, 0.0, 1.2);
(-7.1, -134.4, 0.0, 1.2);	(0.0, -141.4, 0.0, 1.2);
(-134.4, 7.1, 0.0, 1.2);	(-127.3, 0.0, 0.0, 1.2);
(-120.2, -7.1, 0.0, 1.2);	(-113.1, -14.1, 0.0, 1.2);
(-106.1, -21.2, 0.0, 1.2);	(-99.0, -28.3, 0.0, 1.2);
(-91.9, -35.4, 0.0, 1.2);	(-84.8, -42.4, 0.0, 1.2);
(-81.3, -46.0, 0.0, 1.2);	(-77.8, -49.5, 0.0, 1.2);
(-75.7, -51.6, 0.0, 1.2);	(-74.2, -53.0, 0.0, 1.2);
(-72.8, -54.5, 0.0, 1.2);	(-71.4, -55.9, 0.0, 1.2);
(-70.0, -57.3, 0.0, 1.2);	(-57.3, -70.0, 0.0, 1.2);
(-55.9, -71.4, 0.0, 1.2);	(-54.5, -72.8, 0.0, 1.2);
(-53.0, -74.2, 0.0, 1.2);	(-51.6, -75.7, 0.0, 1.2);
(-49.5, -77.8, 0.0, 1.2);	(-46.0, -81.3, 0.0, 1.2);
(-42.4, -84.8, 0.0, 1.2);	(-35.4, -91.9, 0.0, 1.2);
(-28.3, -99.0, 0.0, 1.2);	(-21.2, -106.1, 0.0, 1.2);
(-14.1, -113.1, 0.0, 1.2);	(-7.1, -120.2, 0.0, 1.2);
(0.0, -127.3, 0.0, 1.2);	(7.1, -134.4, 0.0, 1.2);
(-127.3, 14.1, 0.0, 1.2);	(-120.2, 7.1, 0.0, 1.2);
(-113.1, 0.0, 0.0, 1.2);	(-106.1, -7.1, 0.0, 1.2);
(-99.0, -14.1, 0.0, 1.2);	(-91.9, -21.2, 0.0, 1.2);
(-84.8, -28.3, 0.0, 1.2);	(-77.8, -35.4, 0.0, 1.2);
(-74.2, -38.9, 0.0, 1.2);	(-70.7, -42.4, 0.0, 1.2);
(-68.6, -44.5, 0.0, 1.2);	(-67.2, -46.0, 0.0, 1.2);
(-65.8, -47.4, 0.0, 1.2);	(-64.3, -48.8, 0.0, 1.2);
(-62.9, -50.2, 0.0, 1.2);	(-50.2, -62.9, 0.0, 1.2);
(-48.8, -64.3, 0.0, 1.2);	(-47.4, -65.8, 0.0, 1.2);
(-46.0, -67.2, 0.0, 1.2);	(-44.5, -68.6, 0.0, 1.2);
(-42.4, -70.7, 0.0, 1.2);	(-38.9, -74.2, 0.0, 1.2);
(-35.4, -77.8, 0.0, 1.2);	(-28.3, -84.8, 0.0, 1.2);
(-21.2, -91.9, 0.0, 1.2);	(-14.1, -99.0, 0.0, 1.2);
(-7.1, -106.1, 0.0, 1.2);	(0.0, -113.1, 0.0, 1.2);
(7.1, -120.2, 0.0, 1.2);	(14.1, -127.3, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound
(METERS)

(-120.2, 21.2, 0.0, 1.2); (-113.1, 14.1, 0.0, 1.2);
(-106.1, 7.1, 0.0, 1.2); (-99.0, 0.0, 0.0, 1.2);
(-91.9, -7.1, 0.0, 1.2); (-84.8, -14.1, 0.0, 1.2);
(-77.8, -21.2, 0.0, 1.2); (-70.7, -28.3, 0.0, 1.2);
(-67.2, -31.8, 0.0, 1.2); (-63.6, -35.4, 0.0, 1.2);
(-61.5, -37.5, 0.0, 1.2); (-60.1, -38.9, 0.0, 1.2);
(-58.7, -40.3, 0.0, 1.2); (-57.3, -41.7, 0.0, 1.2);
(-55.9, -43.1, 0.0, 1.2); (-43.1, -55.9, 0.0, 1.2);
(-41.7, -57.3, 0.0, 1.2); (-40.3, -58.7, 0.0, 1.2);
(-38.9, -60.1, 0.0, 1.2); (-37.5, -61.5, 0.0, 1.2);
(-35.4, -63.6, 0.0, 1.2); (-31.8, -67.2, 0.0, 1.2);
(-28.3, -70.7, 0.0, 1.2); (-21.2, -77.8, 0.0, 1.2);
(-14.1, -84.8, 0.0, 1.2); (-7.1, -91.9, 0.0, 1.2);
(0.0, -99.0, 0.0, 1.2); (7.1, -106.1, 0.0, 1.2);
(14.1, -113.1, 0.0, 1.2); (21.2, -120.2, 0.0, 1.2);
(-113.1, 28.3, 0.0, 1.2); (-106.1, 21.2, 0.0, 1.2);
(-99.0, 14.1, 0.0, 1.2); (-91.9, 7.1, 0.0, 1.2);
(-84.8, 0.0, 0.0, 1.2); (-77.8, -7.1, 0.0, 1.2);
(-70.7, -14.1, 0.0, 1.2); (-63.6, -21.2, 0.0, 1.2);
(-60.1, -24.8, 0.0, 1.2); (-56.6, -28.3, 0.0, 1.2);
(-54.5, -30.4, 0.0, 1.2); (-53.0, -31.8, 0.0, 1.2);
(-51.6, -33.2, 0.0, 1.2); (-50.2, -34.7, 0.0, 1.2);
(-48.8, -36.1, 0.0, 1.2); (-36.1, -48.8, 0.0, 1.2);
(-34.7, -50.2, 0.0, 1.2); (-33.2, -51.6, 0.0, 1.2);
(-31.8, -53.0, 0.0, 1.2); (-30.4, -54.5, 0.0, 1.2);
(-28.3, -56.6, 0.0, 1.2); (-24.8, -60.1, 0.0, 1.2);
(-21.2, -63.6, 0.0, 1.2); (-14.1, -70.7, 0.0, 1.2);
(-7.1, -77.8, 0.0, 1.2); (0.0, -84.8, 0.0, 1.2);
(7.1, -91.9, 0.0, 1.2); (14.1, -99.0, 0.0, 1.2);
(21.2, -106.1, 0.0, 1.2); (28.3, -113.1, 0.0, 1.2);
(-106.1, 35.4, 0.0, 1.2); (-99.0, 28.3, 0.0, 1.2);
(-91.9, 21.2, 0.0, 1.2); (-84.8, 14.1, 0.0, 1.2);
(-77.8, 7.1, 0.0, 1.2); (-70.7, 0.0, 0.0, 1.2);
(-63.6, -7.1, 0.0, 1.2); (-56.6, -14.1, 0.0, 1.2);
(-53.0, -17.7, 0.0, 1.2); (-49.5, -21.2, 0.0, 1.2);
(-47.4, -23.3, 0.0, 1.2); (-46.0, -24.8, 0.0, 1.2);
(-44.5, -26.2, 0.0, 1.2); (-43.1, -27.6, 0.0, 1.2);
(-41.7, -29.0, 0.0, 1.2); (-29.0, -41.7, 0.0, 1.2);
(-27.6, -43.1, 0.0, 1.2); (-26.2, -44.5, 0.0, 1.2);
(-24.8, -46.0, 0.0, 1.2); (-23.3, -47.4, 0.0, 1.2);
(-21.2, -49.5, 0.0, 1.2); (-17.7, -53.0, 0.0, 1.2);
(-14.1, -56.6, 0.0, 1.2); (-7.1, -63.6, 0.0, 1.2);
(0.0, -70.7, 0.0, 1.2); (7.1, -77.8, 0.0, 1.2);

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

(14.1, -84.8, 0.0, 1.2); (21.2, -91.9, 0.0, 1.2);
(28.3, -99.0, 0.0, 1.2); (35.4, -106.1, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts ***
*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-99.0, 42.4, 0.0, 1.2); (-91.9, 35.4, 0.0, 1.2);
(-84.8, 28.3, 0.0, 1.2); (-77.8, 21.2, 0.0, 1.2);
(-70.7, 14.1, 0.0, 1.2); (-63.6, 7.1, 0.0, 1.2);
(-56.6, 0.0, 0.0, 1.2); (-49.5, -7.1, 0.0, 1.2);
(-46.0, -10.6, 0.0, 1.2); (-42.4, -14.1, 0.0, 1.2);
(-40.3, -16.3, 0.0, 1.2); (-38.9, -17.7, 0.0, 1.2);
(-37.5, -19.1, 0.0, 1.2); (-36.1, -20.5, 0.0, 1.2);
(-34.7, -21.9, 0.0, 1.2); (-21.9, -34.7, 0.0, 1.2);
(-20.5, -36.1, 0.0, 1.2); (-19.1, -37.5, 0.0, 1.2);
(-17.7, -38.9, 0.0, 1.2); (-16.3, -40.3, 0.0, 1.2);
(-14.1, -42.4, 0.0, 1.2); (-10.6, -46.0, 0.0, 1.2);
(-7.1, -49.5, 0.0, 1.2); (0.0, -56.6, 0.0, 1.2);
(7.1, -63.6, 0.0, 1.2); (14.1, -70.7, 0.0, 1.2);
(21.2, -77.8, 0.0, 1.2); (28.3, -84.8, 0.0, 1.2);
(35.4, -91.9, 0.0, 1.2); (42.4, -99.0, 0.0, 1.2);
(-91.9, 49.5, 0.0, 1.2); (-84.8, 42.4, 0.0, 1.2);
(-77.8, 35.4, 0.0, 1.2); (-70.7, 28.3, 0.0, 1.2);
(-63.6, 21.2, 0.0, 1.2); (-56.6, 14.1, 0.0, 1.2);
(-49.5, 7.1, 0.0, 1.2); (-42.4, 0.0, 0.0, 1.2);
(-38.9, -3.5, 0.0, 1.2); (-35.4, -7.1, 0.0, 1.2);
(-33.2, -9.2, 0.0, 1.2); (-31.8, -10.6, 0.0, 1.2);
(-30.4, -12.0, 0.0, 1.2); (-29.0, -13.4, 0.0, 1.2);
(-27.6, -14.9, 0.0, 1.2); (-14.9, -27.6, 0.0, 1.2);
(-13.4, -29.0, 0.0, 1.2); (-12.0, -30.4, 0.0, 1.2);
(-10.6, -31.8, 0.0, 1.2); (-9.2, -33.2, 0.0, 1.2);
(-7.1, -35.4, 0.0, 1.2); (-3.5, -38.9, 0.0, 1.2);
(0.0, -42.4, 0.0, 1.2); (7.1, -49.5, 0.0, 1.2);
(14.1, -56.6, 0.0, 1.2); (21.2, -63.6, 0.0, 1.2);
(28.3, -70.7, 0.0, 1.2); (35.4, -77.8, 0.0, 1.2);
(42.4, -84.8, 0.0, 1.2); (49.5, -91.9, 0.0, 1.2);
(-84.8, 56.6, 0.0, 1.2); (-77.8, 49.5, 0.0, 1.2);
(-70.7, 42.4, 0.0, 1.2); (-63.6, 35.4, 0.0, 1.2);
(-56.6, 28.3, 0.0, 1.2); (-49.5, 21.2, 0.0, 1.2);
(-42.4, 14.1, 0.0, 1.2); (-35.4, 7.1, 0.0, 1.2);
(-31.8, 3.5, 0.0, 1.2); (-28.3, 0.0, 0.0, 1.2);

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

(	-26.2,	-2.1,	0.0,	1.2);	(	-24.8,	-3.5,	0.0,	1.2);
(	-23.3,	-4.9,	0.0,	1.2);	(	-21.9,	-6.4,	0.0,	1.2);
(	-20.5,	-7.8,	0.0,	1.2);	(	-7.8,	-20.5,	0.0,	1.2);
(	-6.4,	-21.9,	0.0,	1.2);	(	-4.9,	-23.3,	0.0,	1.2);
(	-3.5,	-24.8,	0.0,	1.2);	(	-2.1,	-26.2,	0.0,	1.2);
(	0.0,	-28.3,	0.0,	1.2);	(	3.5,	-31.8,	0.0,	1.2);
(	7.1,	-35.4,	0.0,	1.2);	(	14.1,	-42.4,	0.0,	1.2);
(	21.2,	-49.5,	0.0,	1.2);	(	28.3,	-56.6,	0.0,	1.2);
(	35.4,	-63.6,	0.0,	1.2);	(	42.4,	-70.7,	0.0,	1.2);
(	49.5,	-77.8,	0.0,	1.2);	(	56.6,	-84.8,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(	-77.8,	63.6,	0.0,	1.2);	(	-70.7,	56.6,	0.0,	1.2);
(	-63.6,	49.5,	0.0,	1.2);	(	-56.6,	42.4,	0.0,	1.2);
(	-49.5,	35.4,	0.0,	1.2);	(	-42.4,	28.3,	0.0,	1.2);
(	-35.4,	21.2,	0.0,	1.2);	(	-28.3,	14.1,	0.0,	1.2);
(	-24.8,	10.6,	0.0,	1.2);	(	-21.2,	7.1,	0.0,	1.2);
(	-19.1,	4.9,	0.0,	1.2);	(	-17.7,	3.5,	0.0,	1.2);
(	-16.3,	2.1,	0.0,	1.2);	(	-14.9,	0.7,	0.0,	1.2);
(	-13.4,	-0.7,	0.0,	1.2);	(	-0.7,	-13.4,	0.0,	1.2);
(	0.7,	-14.9,	0.0,	1.2);	(	2.1,	-16.3,	0.0,	1.2);
(	3.5,	-17.7,	0.0,	1.2);	(	4.9,	-19.1,	0.0,	1.2);
(	7.1,	-21.2,	0.0,	1.2);	(	10.6,	-24.8,	0.0,	1.2);
(	14.1,	-28.3,	0.0,	1.2);	(	21.2,	-35.4,	0.0,	1.2);
(	28.3,	-42.4,	0.0,	1.2);	(	35.4,	-49.5,	0.0,	1.2);
(	42.4,	-56.6,	0.0,	1.2);	(	49.5,	-63.6,	0.0,	1.2);
(	56.6,	-70.7,	0.0,	1.2);	(	63.6,	-77.8,	0.0,	1.2);
(	-70.7,	70.7,	0.0,	1.2);	(	-63.6,	63.6,	0.0,	1.2);
(	-56.6,	56.6,	0.0,	1.2);	(	-49.5,	49.5,	0.0,	1.2);
(	-42.4,	42.4,	0.0,	1.2);	(	-35.4,	35.4,	0.0,	1.2);
(	-28.3,	28.3,	0.0,	1.2);	(	-21.2,	21.2,	0.0,	1.2);
(	-17.7,	17.7,	0.0,	1.2);	(	-14.1,	14.1,	0.0,	1.2);
(	-12.0,	12.0,	0.0,	1.2);	(	-10.6,	10.6,	0.0,	1.2);
(	-9.2,	9.2,	0.0,	1.2);	(	-7.8,	7.8,	0.0,	1.2);
(	-6.4,	6.4,	0.0,	1.2);	(	6.4,	-6.4,	0.0,	1.2);
(	7.8,	-7.8,	0.0,	1.2);	(	9.2,	-9.2,	0.0,	1.2);
(	10.6,	-10.6,	0.0,	1.2);	(	12.0,	-12.0,	0.0,	1.2);
(	14.1,	-14.1,	0.0,	1.2);	(	17.7,	-17.7,	0.0,	1.2);
(	21.2,	-21.2,	0.0,	1.2);	(	28.3,	-28.3,	0.0,	1.2);

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

(35.4, -35.4, 0.0, 1.2);	(-42.4, -42.4, 0.0, 1.2);
(49.5, -49.5, 0.0, 1.2);	(56.6, -56.6, 0.0, 1.2);
(63.6, -63.6, 0.0, 1.2);	(70.7, -70.7, 0.0, 1.2);
(-63.6, 77.8, 0.0, 1.2);	(-56.6, 70.7, 0.0, 1.2);
(-49.5, 63.6, 0.0, 1.2);	(-42.4, 56.6, 0.0, 1.2);
(-35.4, 49.5, 0.0, 1.2);	(-28.3, 42.4, 0.0, 1.2);
(-21.2, 35.4, 0.0, 1.2);	(-14.1, 28.3, 0.0, 1.2);
(-10.6, 24.8, 0.0, 1.2);	(-7.1, 21.2, 0.0, 1.2);
(-4.9, 19.1, 0.0, 1.2);	(-3.5, 17.7, 0.0, 1.2);
(-2.1, 16.3, 0.0, 1.2);	(-0.7, 14.9, 0.0, 1.2);
(0.7, 13.4, 0.0, 1.2);	(13.4, 0.7, 0.0, 1.2);
(14.9, -0.7, 0.0, 1.2);	(16.3, -2.1, 0.0, 1.2);
(17.7, -3.5, 0.0, 1.2);	(19.1, -4.9, 0.0, 1.2);
(21.2, -7.1, 0.0, 1.2);	(24.8, -10.6, 0.0, 1.2);
(28.3, -14.1, 0.0, 1.2);	(35.4, -21.2, 0.0, 1.2);
(42.4, -28.3, 0.0, 1.2);	(49.5, -35.4, 0.0, 1.2);
(56.6, -42.4, 0.0, 1.2);	(63.6, -49.5, 0.0, 1.2);
(70.7, -56.6, 0.0, 1.2);	(77.8, -63.6, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-56.6, 84.8, 0.0, 1.2);	(-49.5, 77.8, 0.0, 1.2);
(-42.4, 70.7, 0.0, 1.2);	(-35.4, 63.6, 0.0, 1.2);
(-28.3, 56.6, 0.0, 1.2);	(-21.2, 49.5, 0.0, 1.2);
(-14.1, 42.4, 0.0, 1.2);	(-7.1, 35.4, 0.0, 1.2);
(-3.5, 31.8, 0.0, 1.2);	(0.0, 28.3, 0.0, 1.2);
(2.1, 26.2, 0.0, 1.2);	(3.5, 24.8, 0.0, 1.2);
(4.9, 23.3, 0.0, 1.2);	(6.4, 21.9, 0.0, 1.2);
(7.8, 20.5, 0.0, 1.2);	(20.5, 7.8, 0.0, 1.2);
(21.9, 6.4, 0.0, 1.2);	(23.3, 4.9, 0.0, 1.2);
(24.8, 3.5, 0.0, 1.2);	(26.2, 2.1, 0.0, 1.2);
(28.3, 0.0, 0.0, 1.2);	(31.8, -3.5, 0.0, 1.2);
(35.4, -7.1, 0.0, 1.2);	(42.4, -14.1, 0.0, 1.2);
(49.5, -21.2, 0.0, 1.2);	(56.6, -28.3, 0.0, 1.2);
(63.6, -35.4, 0.0, 1.2);	(70.7, -42.4, 0.0, 1.2);
(77.8, -49.5, 0.0, 1.2);	(84.8, -56.6, 0.0, 1.2);
(-49.5, 91.9, 0.0, 1.2);	(-42.4, 84.8, 0.0, 1.2);
(-35.4, 77.8, 0.0, 1.2);	(-28.3, 70.7, 0.0, 1.2);
(-21.2, 63.6, 0.0, 1.2);	(-14.1, 56.6, 0.0, 1.2);
(-7.1, 49.5, 0.0, 1.2);	(0.0, 42.4, 0.0, 1.2);

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

(3.5, 38.9, 0.0, 1.2);	(7.1, 35.4, 0.0, 1.2);
(9.2, 33.2, 0.0, 1.2);	(10.6, 31.8, 0.0, 1.2);
(12.0, 30.4, 0.0, 1.2);	(13.4, 29.0, 0.0, 1.2);
(14.9, 27.6, 0.0, 1.2);	(27.6, 14.9, 0.0, 1.2);
(29.0, 13.4, 0.0, 1.2);	(30.4, 12.0, 0.0, 1.2);
(31.8, 10.6, 0.0, 1.2);	(33.2, 9.2, 0.0, 1.2);
(35.4, 7.1, 0.0, 1.2);	(38.9, 3.5, 0.0, 1.2);
(42.4, 0.0, 0.0, 1.2);	(49.5, -7.1, 0.0, 1.2);
(56.6, -14.1, 0.0, 1.2);	(63.6, -21.2, 0.0, 1.2);
(70.7, -28.3, 0.0, 1.2);	(77.8, -35.4, 0.0, 1.2);
(84.8, -42.4, 0.0, 1.2);	(91.9, -49.5, 0.0, 1.2);
(-42.4, 99.0, 0.0, 1.2);	(-35.4, 91.9, 0.0, 1.2);
(-28.3, 84.8, 0.0, 1.2);	(-21.2, 77.8, 0.0, 1.2);
(-14.1, 70.7, 0.0, 1.2);	(-7.1, 63.6, 0.0, 1.2);
(0.0, 56.6, 0.0, 1.2);	(7.1, 49.5, 0.0, 1.2);
(10.6, 46.0, 0.0, 1.2);	(14.1, 42.4, 0.0, 1.2);
(16.3, 40.3, 0.0, 1.2);	(17.7, 38.9, 0.0, 1.2);
(19.1, 37.5, 0.0, 1.2);	(20.5, 36.1, 0.0, 1.2);
(21.9, 34.7, 0.0, 1.2);	(34.7, 21.9, 0.0, 1.2);
(36.1, 20.5, 0.0, 1.2);	(37.5, 19.1, 0.0, 1.2);
(38.9, 17.7, 0.0, 1.2);	(40.3, 16.3, 0.0, 1.2);
(42.4, 14.1, 0.0, 1.2);	(46.0, 10.6, 0.0, 1.2);
(49.5, 7.1, 0.0, 1.2);	(56.6, 0.0, 0.0, 1.2);
(63.6, -7.1, 0.0, 1.2);	(70.7, -14.1, 0.0, 1.2);
(77.8, -21.2, 0.0, 1.2);	(84.8, -28.3, 0.0, 1.2);
(91.9, -35.4, 0.0, 1.2);	(99.0, -42.4, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-35.4, 106.1, 0.0, 1.2);	(-28.3, 99.0, 0.0, 1.2);
(-21.2, 91.9, 0.0, 1.2);	(-14.1, 84.8, 0.0, 1.2);
(-7.1, 77.8, 0.0, 1.2);	(0.0, 70.7, 0.0, 1.2);
(7.1, 63.6, 0.0, 1.2);	(14.1, 56.6, 0.0, 1.2);
(17.7, 53.0, 0.0, 1.2);	(21.2, 49.5, 0.0, 1.2);
(23.3, 47.4, 0.0, 1.2);	(24.8, 46.0, 0.0, 1.2);
(26.2, 44.5, 0.0, 1.2);	(27.6, 43.1, 0.0, 1.2);
(29.0, 41.7, 0.0, 1.2);	(41.7, 29.0, 0.0, 1.2);
(43.1, 27.6, 0.0, 1.2);	(44.5, 26.2, 0.0, 1.2);
(46.0, 24.8, 0.0, 1.2);	(47.4, 23.3, 0.0, 1.2);
(49.5, 21.2, 0.0, 1.2);	(53.0, 17.7, 0.0, 1.2);

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

(56.6,	14.1,	0.0,	1.2);	(63.6,	7.1,	0.0,	1.2);
(70.7,	0.0,	0.0,	1.2);	(77.8,	-7.1,	0.0,	1.2);
(84.8,	-14.1,	0.0,	1.2);	(91.9,	-21.2,	0.0,	1.2);
(99.0,	-28.3,	0.0,	1.2);	(106.1,	-35.4,	0.0,	1.2);
(-28.3,	113.1,	0.0,	1.2);	(-21.2,	106.1,	0.0,	1.2);
(-14.1,	99.0,	0.0,	1.2);	(-7.1,	91.9,	0.0,	1.2);
(0.0,	84.8,	0.0,	1.2);	(7.1,	77.8,	0.0,	1.2);
(14.1,	70.7,	0.0,	1.2);	(21.2,	63.6,	0.0,	1.2);
(24.8,	60.1,	0.0,	1.2);	(28.3,	56.6,	0.0,	1.2);
(30.4,	54.5,	0.0,	1.2);	(31.8,	53.0,	0.0,	1.2);
(33.2,	51.6,	0.0,	1.2);	(34.7,	50.2,	0.0,	1.2);
(36.1,	48.8,	0.0,	1.2);	(48.8,	36.1,	0.0,	1.2);
(50.2,	34.7,	0.0,	1.2);	(51.6,	33.2,	0.0,	1.2);
(53.0,	31.8,	0.0,	1.2);	(54.5,	30.4,	0.0,	1.2);
(56.6,	28.3,	0.0,	1.2);	(60.1,	24.8,	0.0,	1.2);
(63.6,	21.2,	0.0,	1.2);	(70.7,	14.1,	0.0,	1.2);
(77.8,	7.1,	0.0,	1.2);	(84.8,	0.0,	0.0,	1.2);
(91.9,	-7.1,	0.0,	1.2);	(99.0,	-14.1,	0.0,	1.2);
(106.1,	-21.2,	0.0,	1.2);	(113.1,	-28.3,	0.0,	1.2);
(-21.2,	120.2,	0.0,	1.2);	(-14.1,	113.1,	0.0,	1.2);
(-7.1,	106.1,	0.0,	1.2);	(0.0,	99.0,	0.0,	1.2);
(7.1,	91.9,	0.0,	1.2);	(14.1,	84.8,	0.0,	1.2);
(21.2,	77.8,	0.0,	1.2);	(28.3,	70.7,	0.0,	1.2);
(31.8,	67.2,	0.0,	1.2);	(35.4,	63.6,	0.0,	1.2);
(37.5,	61.5,	0.0,	1.2);	(38.9,	60.1,	0.0,	1.2);
(40.3,	58.7,	0.0,	1.2);	(41.7,	57.3,	0.0,	1.2);
(43.1,	55.9,	0.0,	1.2);	(55.9,	43.1,	0.0,	1.2);
(57.3,	41.7,	0.0,	1.2);	(58.7,	40.3,	0.0,	1.2);
(60.1,	38.9,	0.0,	1.2);	(61.5,	37.5,	0.0,	1.2);
(63.6,	35.4,	0.0,	1.2);	(67.2,	31.8,	0.0,	1.2);
(70.7,	28.3,	0.0,	1.2);	(77.8,	21.2,	0.0,	1.2);
(84.8,	14.1,	0.0,	1.2);	(91.9,	7.1,	0.0,	1.2);
(99.0,	0.0,	0.0,	1.2);	(106.1,	-7.1,	0.0,	1.2);
(113.1,	-14.1,	0.0,	1.2);	(120.2,	-21.2,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-14.1,	127.3,	0.0,	1.2);	(-7.1,	120.2,	0.0,	1.2);
(0.0,	113.1,	0.0,	1.2);	(7.1,	106.1,	0.0,	1.2);
(14.1,	99.0,	0.0,	1.2);	(21.2,	91.9,	0.0,	1.2);

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

(28.3,	84.8,	0.0,	1.2);	(35.4,	77.8,	0.0,	1.2);
(38.9,	74.2,	0.0,	1.2);	(42.4,	70.7,	0.0,	1.2);
(44.5,	68.6,	0.0,	1.2);	(46.0,	67.2,	0.0,	1.2);
(47.4,	65.8,	0.0,	1.2);	(48.8,	64.3,	0.0,	1.2);
(50.2,	62.9,	0.0,	1.2);	(62.9,	50.2,	0.0,	1.2);
(64.3,	48.8,	0.0,	1.2);	(65.8,	47.4,	0.0,	1.2);
(67.2,	46.0,	0.0,	1.2);	(68.6,	44.5,	0.0,	1.2);
(70.7,	42.4,	0.0,	1.2);	(74.2,	38.9,	0.0,	1.2);
(77.8,	35.4,	0.0,	1.2);	(84.8,	28.3,	0.0,	1.2);
(91.9,	21.2,	0.0,	1.2);	(99.0,	14.1,	0.0,	1.2);
(106.1,	7.1,	0.0,	1.2);	(113.1,	0.0,	0.0,	1.2);
(120.2,	-7.1,	0.0,	1.2);	(127.3,	-14.1,	0.0,	1.2);
(-7.1,	134.4,	0.0,	1.2);	(0.0,	127.3,	0.0,	1.2);
(7.1,	120.2,	0.0,	1.2);	(14.1,	113.1,	0.0,	1.2);
(21.2,	106.1,	0.0,	1.2);	(28.3,	99.0,	0.0,	1.2);
(35.4,	91.9,	0.0,	1.2);	(42.4,	84.8,	0.0,	1.2);
(46.0,	81.3,	0.0,	1.2);	(49.5,	77.8,	0.0,	1.2);
(51.6,	75.7,	0.0,	1.2);	(53.0,	74.2,	0.0,	1.2);
(54.5,	72.8,	0.0,	1.2);	(55.9,	71.4,	0.0,	1.2);
(57.3,	70.0,	0.0,	1.2);	(70.0,	57.3,	0.0,	1.2);
(71.4,	55.9,	0.0,	1.2);	(72.8,	54.5,	0.0,	1.2);
(74.2,	53.0,	0.0,	1.2);	(75.7,	51.6,	0.0,	1.2);
(77.8,	49.5,	0.0,	1.2);	(81.3,	46.0,	0.0,	1.2);
(84.8,	42.4,	0.0,	1.2);	(91.9,	35.4,	0.0,	1.2);
(99.0,	28.3,	0.0,	1.2);	(106.1,	21.2,	0.0,	1.2);
(113.1,	14.1,	0.0,	1.2);	(120.2,	7.1,	0.0,	1.2);
(127.3,	0.0,	0.0,	1.2);	(134.4,	-7.1,	0.0,	1.2);
(0.0,	141.4,	0.0,	1.2);	(7.1,	134.4,	0.0,	1.2);
(14.1,	127.3,	0.0,	1.2);	(21.2,	120.2,	0.0,	1.2);
(28.3,	113.1,	0.0,	1.2);	(35.4,	106.1,	0.0,	1.2);
(42.4,	99.0,	0.0,	1.2);	(49.5,	91.9,	0.0,	1.2);
(53.0,	88.4,	0.0,	1.2);	(56.6,	84.8,	0.0,	1.2);
(58.7,	82.7,	0.0,	1.2);	(60.1,	81.3,	0.0,	1.2);
(61.5,	79.9,	0.0,	1.2);	(62.9,	78.5,	0.0,	1.2);
(64.3,	77.1,	0.0,	1.2);	(77.1,	64.3,	0.0,	1.2);
(78.5,	62.9,	0.0,	1.2);	(79.9,	61.5,	0.0,	1.2);
(81.3,	60.1,	0.0,	1.2);	(82.7,	58.7,	0.0,	1.2);
(84.8,	56.6,	0.0,	1.2);	(88.4,	53.0,	0.0,	1.2);
(91.9,	49.5,	0.0,	1.2);	(99.0,	42.4,	0.0,	1.2);
(106.1,	35.4,	0.0,	1.2);	(113.1,	28.3,	0.0,	1.2);
(120.2,	21.2,	0.0,	1.2);	(127.3,	14.1,	0.0,	1.2);
(134.4,	7.1,	0.0,	1.2);	(141.4,	0.0,	0.0,	1.2);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(7.1, 148.5, 0.0, 1.2);	(14.1, 141.4, 0.0, 1.2);
(21.2, 134.4, 0.0, 1.2);	(28.3, 127.3, 0.0, 1.2);
(35.4, 120.2, 0.0, 1.2);	(42.4, 113.1, 0.0, 1.2);
(49.5, 106.1, 0.0, 1.2);	(56.6, 99.0, 0.0, 1.2);
(60.1, 95.5, 0.0, 1.2);	(63.6, 91.9, 0.0, 1.2);
(65.8, 89.8, 0.0, 1.2);	(67.2, 88.4, 0.0, 1.2);
(68.6, 87.0, 0.0, 1.2);	(70.0, 85.6, 0.0, 1.2);
(71.4, 84.2, 0.0, 1.2);	(84.2, 71.4, 0.0, 1.2);
(85.6, 70.0, 0.0, 1.2);	(87.0, 68.6, 0.0, 1.2);
(88.4, 67.2, 0.0, 1.2);	(89.8, 65.8, 0.0, 1.2);
(91.9, 63.6, 0.0, 1.2);	(95.5, 60.1, 0.0, 1.2);
(99.0, 56.6, 0.0, 1.2);	(106.1, 49.5, 0.0, 1.2);
(113.1, 42.4, 0.0, 1.2);	(120.2, 35.4, 0.0, 1.2);
(127.3, 28.3, 0.0, 1.2);	(134.4, 21.2, 0.0, 1.2);
(141.4, 14.1, 0.0, 1.2);	(148.5, 7.1, 0.0, 1.2);
(14.1, 155.6, 0.0, 1.2);	(21.2, 148.5, 0.0, 1.2);
(28.3, 141.4, 0.0, 1.2);	(35.4, 134.4, 0.0, 1.2);
(42.4, 127.3, 0.0, 1.2);	(49.5, 120.2, 0.0, 1.2);
(56.6, 113.1, 0.0, 1.2);	(63.6, 106.1, 0.0, 1.2);
(67.2, 102.5, 0.0, 1.2);	(70.7, 99.0, 0.0, 1.2);
(72.8, 96.9, 0.0, 1.2);	(74.2, 95.5, 0.0, 1.2);
(75.7, 94.1, 0.0, 1.2);	(77.1, 92.6, 0.0, 1.2);
(78.5, 91.2, 0.0, 1.2);	(91.2, 78.5, 0.0, 1.2);
(92.6, 77.1, 0.0, 1.2);	(94.1, 75.7, 0.0, 1.2);
(95.5, 74.2, 0.0, 1.2);	(96.9, 72.8, 0.0, 1.2);
(99.0, 70.7, 0.0, 1.2);	(102.5, 67.2, 0.0, 1.2);
(106.1, 63.6, 0.0, 1.2);	(113.1, 56.6, 0.0, 1.2);
(120.2, 49.5, 0.0, 1.2);	(127.3, 42.4, 0.0, 1.2);
(134.4, 35.4, 0.0, 1.2);	(141.4, 28.3, 0.0, 1.2);
(148.5, 21.2, 0.0, 1.2);	(155.6, 14.1, 0.0, 1.2);
(21.2, 162.6, 0.0, 1.2);	(28.3, 155.6, 0.0, 1.2);
(35.4, 148.5, 0.0, 1.2);	(42.4, 141.4, 0.0, 1.2);
(49.5, 134.4, 0.0, 1.2);	(56.6, 127.3, 0.0, 1.2);
(63.6, 120.2, 0.0, 1.2);	(70.7, 113.1, 0.0, 1.2);
(74.2, 109.6, 0.0, 1.2);	(77.8, 106.1, 0.0, 1.2);
(79.9, 103.9, 0.0, 1.2);	(81.3, 102.5, 0.0, 1.2);
(82.7, 101.1, 0.0, 1.2);	(84.2, 99.7, 0.0, 1.2);
(85.6, 98.3, 0.0, 1.2);	(98.3, 85.6, 0.0, 1.2);
(99.7, 84.2, 0.0, 1.2);	(101.1, 82.7, 0.0, 1.2);

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

(102.5,	81.3,	0.0,	1.2);	(103.9,	79.9,	0.0,	1.2);
(106.1,	77.8,	0.0,	1.2);	(109.6,	74.2,	0.0,	1.2);
(113.1,	70.7,	0.0,	1.2);	(120.2,	63.6,	0.0,	1.2);
(127.3,	56.6,	0.0,	1.2);	(134.4,	49.5,	0.0,	1.2);
(141.4,	42.4,	0.0,	1.2);	(148.5,	35.4,	0.0,	1.2);
(155.6,	28.3,	0.0,	1.2);	(162.6,	21.2,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(28.3,	169.7,	0.0,	1.2);	(35.4,	162.6,	0.0,	1.2);
(42.4,	155.6,	0.0,	1.2);	(49.5,	148.5,	0.0,	1.2);
(56.6,	141.4,	0.0,	1.2);	(63.6,	134.4,	0.0,	1.2);
(70.7,	127.3,	0.0,	1.2);	(77.8,	120.2,	0.0,	1.2);
(81.3,	116.7,	0.0,	1.2);	(84.8,	113.1,	0.0,	1.2);
(87.0,	111.0,	0.0,	1.2);	(88.4,	109.6,	0.0,	1.2);
(89.8,	108.2,	0.0,	1.2);	(91.2,	106.8,	0.0,	1.2);
(92.6,	105.4,	0.0,	1.2);	(105.4,	92.6,	0.0,	1.2);
(106.8,	91.2,	0.0,	1.2);	(108.2,	89.8,	0.0,	1.2);
(109.6,	88.4,	0.0,	1.2);	(111.0,	87.0,	0.0,	1.2);
(113.1,	84.8,	0.0,	1.2);	(116.7,	81.3,	0.0,	1.2);
(120.2,	77.8,	0.0,	1.2);	(127.3,	70.7,	0.0,	1.2);
(134.4,	63.6,	0.0,	1.2);	(141.4,	56.6,	0.0,	1.2);
(148.5,	49.5,	0.0,	1.2);	(155.6,	42.4,	0.0,	1.2);
(162.6,	35.4,	0.0,	1.2);	(169.7,	28.3,	0.0,	1.2);
(35.4,	176.8,	0.0,	1.2);	(42.4,	169.7,	0.0,	1.2);
(49.5,	162.6,	0.0,	1.2);	(56.6,	155.6,	0.0,	1.2);
(63.6,	148.5,	0.0,	1.2);	(70.7,	141.4,	0.0,	1.2);
(77.8,	134.4,	0.0,	1.2);	(84.8,	127.3,	0.0,	1.2);
(88.4,	123.7,	0.0,	1.2);	(91.9,	120.2,	0.0,	1.2);
(94.1,	118.1,	0.0,	1.2);	(95.5,	116.7,	0.0,	1.2);
(96.9,	115.3,	0.0,	1.2);	(98.3,	113.8,	0.0,	1.2);
(99.7,	112.4,	0.0,	1.2);	(112.4,	99.7,	0.0,	1.2);
(113.8,	98.3,	0.0,	1.2);	(115.3,	96.9,	0.0,	1.2);
(116.7,	95.5,	0.0,	1.2);	(118.1,	94.1,	0.0,	1.2);
(120.2,	91.9,	0.0,	1.2);	(123.7,	88.4,	0.0,	1.2);
(127.3,	84.8,	0.0,	1.2);	(134.4,	77.8,	0.0,	1.2);
(141.4,	70.7,	0.0,	1.2);	(148.5,	63.6,	0.0,	1.2);
(155.6,	56.6,	0.0,	1.2);	(162.6,	49.5,	0.0,	1.2);
(169.7,	42.4,	0.0,	1.2);	(176.8,	35.4,	0.0,	1.2);
(42.4,	183.9,	0.0,	1.2);	(49.5,	176.8,	0.0,	1.2);

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

(56.6,	169.7,	0.0,	1.2);	(63.6,	162.6,	0.0,	1.2);
(70.7,	155.6,	0.0,	1.2);	(77.8,	148.5,	0.0,	1.2);
(84.8,	141.4,	0.0,	1.2);	(91.9,	134.4,	0.0,	1.2);
(95.5,	130.8,	0.0,	1.2);	(99.0,	127.3,	0.0,	1.2);
(101.1,	125.2,	0.0,	1.2);	(102.5,	123.7,	0.0,	1.2);
(103.9,	122.3,	0.0,	1.2);	(105.4,	120.9,	0.0,	1.2);
(106.8,	119.5,	0.0,	1.2);	(119.5,	106.8,	0.0,	1.2);
(120.9,	105.4,	0.0,	1.2);	(122.3,	103.9,	0.0,	1.2);
(123.7,	102.5,	0.0,	1.2);	(125.2,	101.1,	0.0,	1.2);
(127.3,	99.0,	0.0,	1.2);	(130.8,	95.5,	0.0,	1.2);
(134.4,	91.9,	0.0,	1.2);	(141.4,	84.8,	0.0,	1.2);
(148.5,	77.8,	0.0,	1.2);	(155.6,	70.7,	0.0,	1.2);
(162.6,	63.6,	0.0,	1.2);	(169.7,	56.6,	0.0,	1.2);
(176.8,	49.5,	0.0,	1.2);	(183.9,	42.4,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(49.5,	190.9,	0.0,	1.2);	(56.6,	183.9,	0.0,	1.2);
(63.6,	176.8,	0.0,	1.2);	(70.7,	169.7,	0.0,	1.2);
(77.8,	162.6,	0.0,	1.2);	(84.8,	155.6,	0.0,	1.2);
(91.9,	148.5,	0.0,	1.2);	(99.0,	141.4,	0.0,	1.2);
(102.5,	137.9,	0.0,	1.2);	(106.1,	134.4,	0.0,	1.2);
(108.2,	132.2,	0.0,	1.2);	(109.6,	130.8,	0.0,	1.2);
(111.0,	129.4,	0.0,	1.2);	(112.4,	128.0,	0.0,	1.2);
(113.8,	126.6,	0.0,	1.2);	(126.6,	113.8,	0.0,	1.2);
(128.0,	112.4,	0.0,	1.2);	(129.4,	111.0,	0.0,	1.2);
(130.8,	109.6,	0.0,	1.2);	(132.2,	108.2,	0.0,	1.2);
(134.4,	106.1,	0.0,	1.2);	(137.9,	102.5,	0.0,	1.2);
(141.4,	99.0,	0.0,	1.2);	(148.5,	91.9,	0.0,	1.2);
(155.6,	84.8,	0.0,	1.2);	(162.6,	77.8,	0.0,	1.2);
(169.7,	70.7,	0.0,	1.2);	(176.8,	63.6,	0.0,	1.2);
(183.9,	56.6,	0.0,	1.2);	(190.9,	49.5,	0.0,	1.2);
(56.6,	198.0,	0.0,	1.2);	(63.6,	190.9,	0.0,	1.2);
(70.7,	183.9,	0.0,	1.2);	(77.8,	176.8,	0.0,	1.2);
(84.8,	169.7,	0.0,	1.2);	(91.9,	162.6,	0.0,	1.2);
(99.0,	155.6,	0.0,	1.2);	(106.1,	148.5,	0.0,	1.2);
(109.6,	145.0,	0.0,	1.2);	(113.1,	141.4,	0.0,	1.2);
(115.3,	139.3,	0.0,	1.2);	(116.7,	137.9,	0.0,	1.2);
(118.1,	136.5,	0.0,	1.2);	(119.5,	135.1,	0.0,	1.2);
(120.9,	133.6,	0.0,	1.2);	(133.6,	120.9,	0.0,	1.2);

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

(135.1,	119.5,	0.0,	1.2);	(136.5,	118.1,	0.0,	1.2);
(137.9,	116.7,	0.0,	1.2);	(139.3,	115.3,	0.0,	1.2);
(141.4,	113.1,	0.0,	1.2);	(145.0,	109.6,	0.0,	1.2);
(148.5,	106.1,	0.0,	1.2);	(155.6,	99.0,	0.0,	1.2);
(162.6,	91.9,	0.0,	1.2);	(169.7,	84.8,	0.0,	1.2);
(176.8,	77.8,	0.0,	1.2);	(183.9,	70.7,	0.0,	1.2);
(190.9,	63.6,	0.0,	1.2);	(198.0,	56.6,	0.0,	1.2);
(63.6,	205.1,	0.0,	1.2);	(70.7,	198.0,	0.0,	1.2);
(77.8,	190.9,	0.0,	1.2);	(84.8,	183.9,	0.0,	1.2);
(91.9,	176.8,	0.0,	1.2);	(99.0,	169.7,	0.0,	1.2);
(106.1,	162.6,	0.0,	1.2);	(113.1,	155.6,	0.0,	1.2);
(116.7,	152.0,	0.0,	1.2);	(120.2,	148.5,	0.0,	1.2);
(122.3,	146.4,	0.0,	1.2);	(123.7,	145.0,	0.0,	1.2);
(125.2,	143.5,	0.0,	1.2);	(126.6,	142.1,	0.0,	1.2);
(128.0,	140.7,	0.0,	1.2);	(140.7,	128.0,	0.0,	1.2);
(142.1,	126.6,	0.0,	1.2);	(143.5,	125.2,	0.0,	1.2);
(145.0,	123.7,	0.0,	1.2);	(146.4,	122.3,	0.0,	1.2);
(148.5,	120.2,	0.0,	1.2);	(152.0,	116.7,	0.0,	1.2);
(155.6,	113.1,	0.0,	1.2);	(162.6,	106.1,	0.0,	1.2);
(169.7,	99.0,	0.0,	1.2);	(176.8,	91.9,	0.0,	1.2);
(183.9,	84.8,	0.0,	1.2);	(190.9,	77.8,	0.0,	1.2);
(198.0,	70.7,	0.0,	1.2);	(205.1,	63.6,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(70.7,	212.1,	0.0,	1.2);	(77.8,	205.1,	0.0,	1.2);
(84.8,	198.0,	0.0,	1.2);	(91.9,	190.9,	0.0,	1.2);
(99.0,	183.9,	0.0,	1.2);	(106.1,	176.8,	0.0,	1.2);
(113.1,	169.7,	0.0,	1.2);	(120.2,	162.6,	0.0,	1.2);
(123.7,	159.1,	0.0,	1.2);	(127.3,	155.6,	0.0,	1.2);
(129.4,	153.4,	0.0,	1.2);	(130.8,	152.0,	0.0,	1.2);
(132.2,	150.6,	0.0,	1.2);	(133.6,	149.2,	0.0,	1.2);
(135.1,	147.8,	0.0,	1.2);	(147.8,	135.1,	0.0,	1.2);
(149.2,	133.6,	0.0,	1.2);	(150.6,	132.2,	0.0,	1.2);
(152.0,	130.8,	0.0,	1.2);	(153.4,	129.4,	0.0,	1.2);
(155.6,	127.3,	0.0,	1.2);	(159.1,	123.7,	0.0,	1.2);
(162.6,	120.2,	0.0,	1.2);	(169.7,	113.1,	0.0,	1.2);
(176.8,	106.1,	0.0,	1.2);	(183.9,	99.0,	0.0,	1.2);
(190.9,	91.9,	0.0,	1.2);	(198.0,	84.8,	0.0,	1.2);
(205.1,	77.8,	0.0,	1.2);	(212.1,	70.7,	0.0,	1.2);

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

(77.8,	219.2,	0.0,	1.2);	(84.8,	212.1,	0.0,	1.2);
(91.9,	205.1,	0.0,	1.2);	(99.0,	198.0,	0.0,	1.2);
(106.1,	190.9,	0.0,	1.2);	(113.1,	183.9,	0.0,	1.2);
(120.2,	176.8,	0.0,	1.2);	(127.3,	169.7,	0.0,	1.2);
(130.8,	166.2,	0.0,	1.2);	(134.4,	162.6,	0.0,	1.2);
(136.5,	160.5,	0.0,	1.2);	(137.9,	159.1,	0.0,	1.2);
(139.3,	157.7,	0.0,	1.2);	(140.7,	156.3,	0.0,	1.2);
(142.1,	154.9,	0.0,	1.2);	(154.9,	142.1,	0.0,	1.2);
(156.3,	140.7,	0.0,	1.2);	(157.7,	139.3,	0.0,	1.2);
(159.1,	137.9,	0.0,	1.2);	(160.5,	136.5,	0.0,	1.2);
(162.6,	134.4,	0.0,	1.2);	(166.2,	130.8,	0.0,	1.2);
(169.7,	127.3,	0.0,	1.2);	(176.8,	120.2,	0.0,	1.2);
(183.9,	113.1,	0.0,	1.2);	(190.9,	106.1,	0.0,	1.2);
(198.0,	99.0,	0.0,	1.2);	(205.1,	91.9,	0.0,	1.2);
(212.1,	84.8,	0.0,	1.2);	(219.2,	77.8,	0.0,	1.2);
(84.8,	226.3,	0.0,	1.2);	(91.9,	219.2,	0.0,	1.2);
(99.0,	212.1,	0.0,	1.2);	(106.1,	205.1,	0.0,	1.2);
(113.1,	198.0,	0.0,	1.2);	(120.2,	190.9,	0.0,	1.2);
(127.3,	183.9,	0.0,	1.2);	(134.4,	176.8,	0.0,	1.2);
(137.9,	173.2,	0.0,	1.2);	(141.4,	169.7,	0.0,	1.2);
(143.5,	167.6,	0.0,	1.2);	(145.0,	166.2,	0.0,	1.2);
(146.4,	164.8,	0.0,	1.2);	(147.8,	163.3,	0.0,	1.2);
(149.2,	161.9,	0.0,	1.2);	(161.9,	149.2,	0.0,	1.2);
(163.3,	147.8,	0.0,	1.2);	(164.8,	146.4,	0.0,	1.2);
(166.2,	145.0,	0.0,	1.2);	(167.6,	143.5,	0.0,	1.2);
(169.7,	141.4,	0.0,	1.2);	(173.2,	137.9,	0.0,	1.2);
(176.8,	134.4,	0.0,	1.2);	(183.9,	127.3,	0.0,	1.2);
(190.9,	120.2,	0.0,	1.2);	(198.0,	113.1,	0.0,	1.2);
(205.1,	106.1,	0.0,	1.2);	(212.1,	99.0,	0.0,	1.2);
(219.2,	91.9,	0.0,	1.2);	(226.3,	84.8,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(91.9,	233.4,	0.0,	1.2);	(99.0,	226.3,	0.0,	1.2);
(106.1,	219.2,	0.0,	1.2);	(113.1,	212.1,	0.0,	1.2);
(120.2,	205.1,	0.0,	1.2);	(127.3,	198.0,	0.0,	1.2);
(134.4,	190.9,	0.0,	1.2);	(141.4,	183.9,	0.0,	1.2);
(145.0,	180.3,	0.0,	1.2);	(148.5,	176.8,	0.0,	1.2);
(150.6,	174.7,	0.0,	1.2);	(152.0,	173.2,	0.0,	1.2);
(153.4,	171.8,	0.0,	1.2);	(154.9,	170.4,	0.0,	1.2);

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

(156.3,	169.0,	0.0,	1.2);	(169.0,	156.3,	0.0,	1.2);
(170.4,	154.9,	0.0,	1.2);	(171.8,	153.4,	0.0,	1.2);
(173.2,	152.0,	0.0,	1.2);	(174.7,	150.6,	0.0,	1.2);
(176.8,	148.5,	0.0,	1.2);	(180.3,	145.0,	0.0,	1.2);
(183.9,	141.4,	0.0,	1.2);	(190.9,	134.4,	0.0,	1.2);
(198.0,	127.3,	0.0,	1.2);	(205.1,	120.2,	0.0,	1.2);
(212.1,	113.1,	0.0,	1.2);	(219.2,	106.1,	0.0,	1.2);
(226.3,	99.0,	0.0,	1.2);	(233.4,	91.9,	0.0,	1.2);
(99.0,	240.4,	0.0,	1.2);	(106.1,	233.4,	0.0,	1.2);
(113.1,	226.3,	0.0,	1.2);	(120.2,	219.2,	0.0,	1.2);
(127.3,	212.1,	0.0,	1.2);	(134.4,	205.1,	0.0,	1.2);
(141.4,	198.0,	0.0,	1.2);	(148.5,	190.9,	0.0,	1.2);
(152.0,	187.4,	0.0,	1.2);	(155.6,	183.9,	0.0,	1.2);
(157.7,	181.7,	0.0,	1.2);	(159.1,	180.3,	0.0,	1.2);
(160.5,	178.9,	0.0,	1.2);	(161.9,	177.5,	0.0,	1.2);
(163.3,	176.1,	0.0,	1.2);	(176.1,	163.3,	0.0,	1.2);
(177.5,	161.9,	0.0,	1.2);	(178.9,	160.5,	0.0,	1.2);
(180.3,	159.1,	0.0,	1.2);	(181.7,	157.7,	0.0,	1.2);
(183.9,	155.6,	0.0,	1.2);	(187.4,	152.0,	0.0,	1.2);
(190.9,	148.5,	0.0,	1.2);	(198.0,	141.4,	0.0,	1.2);
(205.1,	134.4,	0.0,	1.2);	(212.1,	127.3,	0.0,	1.2);
(219.2,	120.2,	0.0,	1.2);	(226.3,	113.1,	0.0,	1.2);
(233.4,	106.1,	0.0,	1.2);	(240.4,	99.0,	0.0,	1.2);
(106.1,	247.5,	0.0,	1.2);	(113.1,	240.4,	0.0,	1.2);
(120.2,	233.4,	0.0,	1.2);	(127.3,	226.3,	0.0,	1.2);
(134.4,	219.2,	0.0,	1.2);	(141.4,	212.1,	0.0,	1.2);
(148.5,	205.1,	0.0,	1.2);	(155.6,	198.0,	0.0,	1.2);
(159.1,	194.4,	0.0,	1.2);	(162.6,	190.9,	0.0,	1.2);
(164.8,	188.8,	0.0,	1.2);	(166.2,	187.4,	0.0,	1.2);
(167.6,	186.0,	0.0,	1.2);	(169.0,	184.6,	0.0,	1.2);
(170.4,	183.1,	0.0,	1.2);	(183.1,	170.4,	0.0,	1.2);
(184.6,	169.0,	0.0,	1.2);	(186.0,	167.6,	0.0,	1.2);
(187.4,	166.2,	0.0,	1.2);	(188.8,	164.8,	0.0,	1.2);
(190.9,	162.6,	0.0,	1.2);	(194.4,	159.1,	0.0,	1.2);
(198.0,	155.6,	0.0,	1.2);	(205.1,	148.5,	0.0,	1.2);
(212.1,	141.4,	0.0,	1.2);	(219.2,	134.4,	0.0,	1.2);
(226.3,	127.3,	0.0,	1.2);	(233.4,	120.2,	0.0,	1.2);
(240.4,	113.1,	0.0,	1.2);	(247.5,	106.1,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
94	01	01	01	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	02	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	03	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	04	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	05	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	06	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	07	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	08	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	09	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	10	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	11	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	12	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	13	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	14	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	15	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	16	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	17	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	18	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	19	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	20	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	21	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	22	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	23	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	24	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00012	-240.42	-113.14	0.00012
-233.35	-120.21	0.00012	-226.27	-127.28	0.00013
-219.20	-134.35	0.00013	-212.13	-141.42	0.00013
-205.06	-148.49	0.00013	-197.99	-155.56	0.00014
-194.45	-159.10	0.00014	-190.92	-162.63	0.00014
-188.80	-164.76	0.00014	-187.38	-166.17	0.00014
-185.97	-167.58	0.00014	-184.55	-169.00	0.00014
-183.14	-170.41	0.00014	-170.41	-183.14	0.00015
-169.00	-184.55	0.00015	-167.58	-185.97	0.00015
-166.17	-187.38	0.00015	-164.76	-188.80	0.00015
-162.63	-190.92	0.00015	-159.10	-194.45	0.00015
-155.56	-197.99	0.00015	-148.49	-205.06	0.00015
-141.42	-212.13	0.00015	-134.35	-219.20	0.00015
-127.28	-226.27	0.00015	-120.21	-233.35	0.00015
-113.14	-240.42	0.00015	-106.07	-247.49	0.00015
-240.42	-98.99	0.00012	-233.35	-106.07	0.00012
-226.27	-113.14	0.00013	-219.20	-120.21	0.00013

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-212.13	-127.28	0.00013	-205.06	-134.35	0.00014
-197.99	-141.42	0.00014	-190.92	-148.49	0.00014
-187.38	-152.03	0.00014	-183.85	-155.56	0.00015
-181.73	-157.68	0.00015	-180.31	-159.10	0.00015
-178.90	-160.51	0.00015	-177.48	-161.93	0.00015
-176.07	-163.34	0.00015	-163.34	-176.07	0.00015
-161.93	-177.48	0.00015	-160.51	-178.90	0.00015
-159.10	-180.31	0.00015	-157.68	-181.73	0.00015
-155.56	-183.85	0.00015	-152.03	-187.38	0.00015
-148.49	-190.92	0.00015	-141.42	-197.99	0.00015
-134.35	-205.06	0.00015	-127.28	-212.13	0.00015
-120.21	-219.20	0.00015	-113.14	-226.27	0.00015
-106.07	-233.35	0.00015	-98.99	-240.42	0.00015
-233.35	-91.92	0.00013	-226.27	-99.00	0.00013
-219.20	-106.07	0.00013	-212.13	-113.14	0.00014
-205.06	-120.21	0.00014	-197.99	-127.28	0.00014
-190.92	-134.35	0.00015	-183.85	-141.42	0.00015
-180.31	-144.96	0.00015	-176.78	-148.49	0.00015
-174.66	-150.61	0.00015	-173.24	-152.03	0.00015
-171.83	-153.44	0.00015	-170.41	-154.86	0.00015
-169.00	-156.27	0.00016	-156.27	-169.00	0.00016
-154.86	-170.41	0.00016	-153.44	-171.83	0.00016
-152.03	-173.24	0.00016	-150.61	-174.66	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00016	-144.96	-180.31	0.00016
-141.42	-183.85	0.00016	-134.35	-190.92	0.00016
-127.28	-197.99	0.00016	-120.21	-205.06	0.00016
-113.14	-212.13	0.00016	-106.07	-219.20	0.00016
-98.99	-226.27	0.00016	-91.92	-233.35	0.00016
-226.27	-84.85	0.00013	-219.20	-91.92	0.00013
-212.13	-99.00	0.00014	-205.06	-106.07	0.00014
-197.99	-113.14	0.00014	-190.92	-120.21	0.00015
-183.85	-127.28	0.00015	-176.78	-134.35	0.00016
-173.24	-137.89	0.00016	-169.71	-141.42	0.00016
-167.58	-143.54	0.00016	-166.17	-144.96	0.00016

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-164.76	-146.37	0.00016	-163.34	-147.79	0.00016
-161.93	-149.20	0.00016	-149.20	-161.93	0.00017
-147.79	-163.34	0.00017	-146.37	-164.76	0.00017
-144.96	-166.17	0.00017	-143.54	-167.58	0.00017
-141.42	-169.71	0.00017	-137.89	-173.24	0.00017
-134.35	-176.78	0.00017	-127.28	-183.85	0.00017
-120.21	-190.92	0.00017	-113.14	-197.99	0.00017
-106.07	-205.06	0.00017	-98.99	-212.13	0.00017
-91.92	-219.20	0.00017	-84.85	-226.27	0.00017
-219.20	-77.78	0.00014	-212.13	-84.85	0.00014
-205.06	-91.92	0.00014	-197.99	-99.00	0.00015
-190.92	-106.07	0.00015	-183.85	-113.14	0.00015
-176.78	-120.21	0.00016	-169.71	-127.28	0.00016
-166.17	-130.81	0.00016	-162.63	-134.35	0.00017
-160.51	-136.47	0.00017	-159.10	-137.89	0.00017
-157.68	-139.30	0.00017	-156.27	-140.71	0.00017
-154.86	-142.13	0.00017	-142.13	-154.86	0.00017
-140.71	-156.27	0.00017	-139.30	-157.68	0.00017
-137.89	-159.10	0.00017	-136.47	-160.51	0.00017
-134.35	-162.63	0.00017	-130.81	-166.17	0.00018
-127.28	-169.71	0.00018	-120.21	-176.78	0.00018
-113.14	-183.85	0.00018	-106.07	-190.92	0.00018
-98.99	-197.99	0.00018	-91.92	-205.06	0.00018
-84.85	-212.13	0.00018	-77.78	-219.20	0.00018
-212.13	-70.71	0.00014	-205.06	-77.78	0.00014
-197.99	-84.85	0.00015	-190.92	-91.92	0.00015
-183.85	-98.99	0.00016	-176.78	-106.07	0.00016
-169.71	-113.14	0.00017	-162.63	-120.21	0.00017
-159.10	-123.74	0.00017	-155.56	-127.28	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00018	-152.03	-130.81	0.00018
-150.61	-132.23	0.00018	-149.20	-133.64	0.00018
-147.79	-135.06	0.00018	-135.06	-147.79	0.00018
-133.64	-149.20	0.00018	-132.23	-150.61	0.00018
-130.81	-152.03	0.00018	-129.40	-153.44	0.00018

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-155.56	0.00018	-123.74	-159.10	0.00018
-120.21	-162.63	0.00018	-113.14	-169.71	0.00018
-106.07	-176.78	0.00019	-98.99	-183.85	0.00019
-91.92	-190.92	0.00019	-84.85	-197.99	0.00019
-77.78	-205.06	0.00018	-70.71	-212.13	0.00018
-205.06	-63.64	0.00015	-197.99	-70.71	0.00015
-190.92	-77.78	0.00016	-183.85	-84.85	0.00016
-176.78	-91.92	0.00016	-169.71	-98.99	0.00017
-162.63	-106.07	0.00017	-155.56	-113.14	0.00018
-152.03	-116.67	0.00018	-148.49	-120.21	0.00018
-146.37	-122.33	0.00018	-144.96	-123.74	0.00018
-143.54	-125.16	0.00019	-142.13	-126.57	0.00019
-140.71	-127.99	0.00019	-127.99	-140.71	0.00019
-126.57	-142.13	0.00019	-125.16	-143.54	0.00019
-123.74	-144.96	0.00019	-122.33	-146.37	0.00019
-120.21	-148.49	0.00019	-116.67	-152.03	0.00019
-113.14	-155.56	0.00019	-106.07	-162.63	0.00019
-98.99	-169.71	0.00019	-91.92	-176.78	0.00019
-84.85	-183.85	0.00019	-77.78	-190.92	0.00019
-70.71	-197.99	0.00019	-63.64	-205.06	0.00019
-197.99	-56.57	0.00015	-190.92	-63.64	0.00016
-183.85	-70.71	0.00016	-176.78	-77.78	0.00017
-169.71	-84.85	0.00017	-162.63	-91.92	0.00018
-155.56	-98.99	0.00018	-148.49	-106.07	0.00019
-144.96	-109.60	0.00019	-141.42	-113.14	0.00019
-139.30	-115.26	0.00019	-137.89	-116.67	0.00019
-136.47	-118.09	0.00019	-135.06	-119.50	0.00020
-133.64	-120.92	0.00020	-120.92	-133.64	0.00020
-119.50	-135.06	0.00020	-118.09	-136.47	0.00020
-116.67	-137.89	0.00020	-115.26	-139.30	0.00020
-113.14	-141.42	0.00020	-109.60	-144.96	0.00020
-106.07	-148.49	0.00020	-98.99	-155.56	0.00020
-91.92	-162.63	0.00020	-84.85	-169.71	0.00020
-77.78	-176.78	0.00020	-70.71	-183.85	0.00020
-63.64	-190.92	0.00020	-56.57	-197.99	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***
 17:43:25
 **MODELOPTs:
 PAGE 26
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	11NCRA NAPA94-300_DPM_TRAV_ANN_NE-SW Bound CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00016	-183.85	-56.57	0.00016
-176.78	-63.64	0.00017	-169.71	-70.71	0.00017
-162.63	-77.78	0.00018	-155.56	-84.85	0.00019
-148.49	-91.92	0.00019	-141.42	-98.99	0.00020
-137.89	-102.53	0.00020	-134.35	-106.07	0.00020
-132.23	-108.19	0.00020	-130.81	-109.60	0.00020
-129.40	-111.02	0.00020	-127.99	-112.43	0.00021
-126.57	-113.84	0.00021	-113.84	-126.57	0.00021
-112.43	-127.99	0.00021	-111.02	-129.40	0.00021
-109.60	-130.81	0.00021	-108.19	-132.23	0.00021
-106.07	-134.35	0.00021	-102.53	-137.89	0.00021
-98.99	-141.42	0.00021	-91.92	-148.49	0.00021
-84.85	-155.56	0.00022	-77.78	-162.63	0.00022
-70.71	-169.71	0.00022	-63.64	-176.78	0.00021
-56.57	-183.85	0.00021	-49.50	-190.92	0.00021
-183.85	-42.43	0.00017	-176.78	-49.50	0.00017
-169.71	-56.57	0.00018	-162.63	-63.64	0.00018
-155.56	-70.71	0.00019	-148.49	-77.78	0.00019
-141.42	-84.85	0.00020	-134.35	-91.92	0.00021
-130.81	-95.46	0.00021	-127.28	-98.99	0.00021
-125.16	-101.12	0.00021	-123.74	-102.53	0.00021
-122.33	-103.94	0.00022	-120.92	-105.36	0.00022
-119.50	-106.77	0.00022	-106.77	-119.50	0.00022
-105.36	-120.92	0.00022	-103.94	-122.33	0.00022
-102.53	-123.74	0.00022	-101.12	-125.16	0.00022
-98.99	-127.28	0.00022	-95.46	-130.81	0.00023
-91.92	-134.35	0.00023	-84.85	-141.42	0.00023
-77.78	-148.49	0.00023	-70.71	-155.56	0.00023
-63.64	-162.63	0.00023	-56.57	-169.71	0.00023
-49.50	-176.78	0.00022	-42.43	-183.85	0.00022
-176.78	-35.36	0.00017	-169.71	-42.43	0.00018
-162.63	-49.50	0.00019	-155.56	-56.57	0.00019
-148.49	-63.64	0.00020	-141.42	-70.71	0.00020
-134.35	-77.78	0.00021	-127.28	-84.85	0.00022
-123.74	-88.39	0.00022	-120.21	-91.92	0.00022
-118.09	-94.05	0.00023	-116.67	-95.46	0.00023
-115.26	-96.87	0.00023	-113.84	-98.29	0.00023
-112.43	-99.70	0.00023	-99.70	-112.43	0.00024
-98.29	-113.84	0.00024	-96.87	-115.26	0.00024
-95.46	-116.67	0.00024	-94.05	-118.09	0.00024

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

17:43:25

**MODELOPTS:

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00024	-88.39	-123.74	0.00024
-84.85	-127.28	0.00024	-77.78	-134.35	0.00024
-70.71	-141.42	0.00024	-63.64	-148.49	0.00024
-56.57	-155.56	0.00024	-49.50	-162.63	0.00024
-42.43	-169.71	0.00024	-35.36	-176.78	0.00023
-169.71	-28.28	0.00018	-162.63	-35.36	0.00019
-155.56	-42.43	0.00019	-148.49	-49.50	0.00020
-141.42	-56.57	0.00021	-134.35	-63.64	0.00022
-127.28	-70.71	0.00022	-120.21	-77.78	0.00023
-116.67	-81.32	0.00023	-113.14	-84.85	0.00024
-111.02	-86.97	0.00024	-109.60	-88.39	0.00024
-108.19	-89.80	0.00024	-106.77	-91.22	0.00024
-105.36	-92.63	0.00024	-92.63	-105.36	0.00025
-91.22	-106.77	0.00025	-89.80	-108.19	0.00025
-88.39	-109.60	0.00025	-86.97	-111.02	0.00025
-84.85	-113.14	0.00025	-81.32	-116.67	0.00025
-77.78	-120.21	0.00025	-70.71	-127.28	0.00025
-63.64	-134.35	0.00025	-56.57	-141.42	0.00025
-49.50	-148.49	0.00025	-42.43	-155.56	0.00025
-35.36	-162.63	0.00025	-28.28	-169.71	0.00025
-162.63	-21.21	0.00019	-155.56	-28.28	0.00020
-148.49	-35.36	0.00020	-141.42	-42.43	0.00021
-134.35	-49.50	0.00022	-127.28	-56.57	0.00023
-120.21	-63.64	0.00023	-113.14	-70.71	0.00024
-109.60	-74.25	0.00025	-106.07	-77.78	0.00025
-103.94	-79.90	0.00025	-102.53	-81.32	0.00025
-101.12	-82.73	0.00025	-99.70	-84.15	0.00026
-98.29	-85.56	0.00026	-85.56	-98.29	0.00026
-84.15	-99.70	0.00026	-82.73	-101.12	0.00027
-81.32	-102.53	0.00027	-79.90	-103.94	0.00027
-77.78	-106.07	0.00027	-74.25	-109.60	0.00027
-70.71	-113.14	0.00027	-63.64	-120.21	0.00027
-56.57	-127.28	0.00027	-49.50	-134.35	0.00027
-42.43	-141.42	0.00027	-35.36	-148.49	0.00027
-28.28	-155.56	0.00026	-21.21	-162.63	0.00026
-155.56	-14.14	0.00020	-148.49	-21.21	0.00021
-141.42	-28.28	0.00022	-134.35	-35.36	0.00022

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-42.43	0.00023	-120.21	-49.50	0.00024
-113.14	-56.57	0.00025	-106.07	-63.64	0.00026
-102.53	-67.18	0.00026	-98.99	-70.71	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00027	-95.46	-74.25	0.00027
-94.05	-75.66	0.00027	-92.63	-77.07	0.00027
-91.22	-78.49	0.00027	-78.49	-91.22	0.00028
-77.07	-92.63	0.00028	-75.66	-94.05	0.00028
-74.25	-95.46	0.00028	-72.83	-96.87	0.00028
-70.71	-98.99	0.00028	-67.18	-102.53	0.00028
-63.64	-106.07	0.00028	-56.57	-113.14	0.00029
-49.50	-120.21	0.00029	-42.43	-127.28	0.00029
-35.36	-134.35	0.00028	-28.28	-141.42	0.00028
-21.21	-148.49	0.00028	-14.14	-155.56	0.00027
-148.49	-7.07	0.00021	-141.42	-14.14	0.00022
-134.35	-21.21	0.00023	-127.28	-28.28	0.00024
-120.21	-35.36	0.00024	-113.14	-42.43	0.00025
-106.07	-49.50	0.00026	-98.99	-56.57	0.00027
-95.46	-60.10	0.00028	-91.92	-63.64	0.00028
-89.80	-65.76	0.00028	-88.39	-67.18	0.00029
-86.97	-68.59	0.00029	-85.56	-70.00	0.00029
-84.15	-71.42	0.00029	-71.42	-84.15	0.00030
-70.00	-85.56	0.00030	-68.59	-86.97	0.00030
-67.18	-88.39	0.00030	-65.76	-89.80	0.00030
-63.64	-91.92	0.00030	-60.10	-95.46	0.00030
-56.57	-98.99	0.00030	-49.50	-106.07	0.00030
-42.43	-113.14	0.00030	-35.36	-120.21	0.00030
-28.28	-127.28	0.00030	-21.21	-134.35	0.00030
-14.14	-141.42	0.00029	-7.07	-148.49	0.00029
-141.42	0.00	0.00022	-134.35	-7.07	0.00023
-127.28	-14.14	0.00024	-120.21	-21.21	0.00025
-113.14	-28.28	0.00026	-106.07	-35.36	0.00027
-98.99	-42.43	0.00028	-91.92	-49.50	0.00029
-88.39	-53.03	0.00029	-84.85	-56.57	0.00030
-82.73	-58.69	0.00030	-81.32	-60.10	0.00030

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-79.90	-61.52	0.00031	-78.49	-62.93	0.00031
-77.07	-64.35	0.00031	-64.35	-77.07	0.00032
-62.93	-78.49	0.00032	-61.52	-79.90	0.00032
-60.10	-81.32	0.00032	-58.69	-82.73	0.00032
-56.57	-84.85	0.00032	-53.03	-88.39	0.00032
-49.50	-91.92	0.00032	-42.43	-98.99	0.00032
-35.36	-106.07	0.00032	-28.28	-113.14	0.00032
-21.21	-120.21	0.00032	-14.14	-127.28	0.00032
-7.07	-134.35	0.00031	0.00	-141.42	0.00031

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 29
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00023	-127.28	0.00	0.00024
-120.21	-7.07	0.00025	-113.14	-14.14	0.00026
-106.07	-21.21	0.00027	-98.99	-28.28	0.00028
-91.92	-35.36	0.00030	-84.85	-42.43	0.00031
-81.32	-45.96	0.00031	-77.78	-49.50	0.00032
-75.66	-51.62	0.00032	-74.25	-53.03	0.00032
-72.83	-54.45	0.00033	-71.42	-55.86	0.00033
-70.00	-57.28	0.00033	-57.28	-70.00	0.00034
-55.86	-71.42	0.00034	-54.45	-72.83	0.00034
-53.03	-74.25	0.00034	-51.62	-75.66	0.00034
-49.50	-77.78	0.00034	-45.96	-81.32	0.00034
-42.43	-84.85	0.00035	-35.36	-91.92	0.00035
-28.28	-98.99	0.00035	-21.21	-106.07	0.00035
-14.14	-113.14	0.00034	-7.07	-120.21	0.00034
0.00	-127.28	0.00033	7.07	-134.35	0.00032
-127.28	14.14	0.00024	-120.21	7.07	0.00025
-113.14	0.00	0.00027	-106.07	-7.07	0.00028
-98.99	-14.14	0.00029	-91.92	-21.21	0.00030
-84.85	-28.28	0.00032	-77.78	-35.36	0.00033
-74.25	-38.89	0.00034	-70.71	-42.43	0.00034
-68.59	-44.55	0.00034	-67.18	-45.96	0.00035
-65.76	-47.38	0.00035	-64.35	-48.79	0.00035
-62.93	-50.20	0.00035	-50.20	-62.93	0.00037
-48.79	-64.35	0.00037	-47.38	-65.76	0.00037
-45.96	-67.18	0.00037	-44.55	-68.59	0.00037

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	-70.71	0.00037	-38.89	-74.25	0.00037
-35.36	-77.78	0.00037	-28.28	-84.85	0.00037
-21.21	-91.92	0.00037	-14.14	-98.99	0.00037
-7.07	-106.07	0.00037	0.00	-113.14	0.00036
7.07	-120.21	0.00035	14.14	-127.28	0.00034
-120.21	21.21	0.00025	-113.14	14.14	0.00026
-106.07	7.07	0.00028	-98.99	0.00	0.00030
-91.92	-7.07	0.00031	-84.85	-14.14	0.00032
-77.78	-21.21	0.00034	-70.71	-28.28	0.00035
-67.18	-31.82	0.00036	-63.64	-35.36	0.00037
-61.52	-37.48	0.00037	-60.10	-38.89	0.00037
-58.69	-40.31	0.00037	-57.28	-41.72	0.00038
-55.86	-43.13	0.00038	-43.13	-55.86	0.00039
-41.72	-57.28	0.00039	-40.31	-58.69	0.00039
-38.89	-60.10	0.00040	-37.48	-61.52	0.00040

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25

**MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00040	-31.82	-67.18	0.00040
-28.28	-70.71	0.00040	-21.21	-77.78	0.00040
-14.14	-84.85	0.00040	-7.07	-91.92	0.00040
0.00	-98.99	0.00039	7.07	-106.07	0.00038
14.14	-113.14	0.00037	21.21	-120.21	0.00036
-113.14	28.28	0.00026	-106.07	21.21	0.00028
-98.99	14.14	0.00030	-91.92	7.07	0.00031
-84.85	0.00	0.00033	-77.78	-7.07	0.00034
-70.71	-14.14	0.00036	-63.64	-21.21	0.00038
-60.10	-24.75	0.00038	-56.57	-28.28	0.00039
-54.45	-30.41	0.00040	-53.03	-31.82	0.00040
-51.62	-33.23	0.00040	-50.20	-34.65	0.00041
-48.79	-36.06	0.00041	-36.06	-48.79	0.00042
-34.65	-50.20	0.00042	-33.23	-51.62	0.00043
-31.82	-53.03	0.00043	-30.41	-54.45	0.00043
-28.28	-56.57	0.00043	-24.75	-60.10	0.00043
-21.21	-63.64	0.00043	-14.14	-70.71	0.00043
-7.07	-77.78	0.00043	0.00	-84.85	0.00043
7.07	-91.92	0.00042	14.14	-98.99	0.00041

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

21.21	-106.07	0.00040	28.28	-113.14	0.00038
-106.07	35.36	0.00027	-98.99	28.28	0.00029
-91.92	21.21	0.00031	-84.85	14.14	0.00033
-77.78	7.07	0.00035	-70.71	0.00	0.00037
-63.64	-7.07	0.00039	-56.57	-14.14	0.00040
-53.03	-17.68	0.00041	-49.50	-21.21	0.00042
-47.38	-23.33	0.00043	-45.96	-24.75	0.00043
-44.55	-26.16	0.00044	-43.13	-27.58	0.00044
-41.72	-28.99	0.00044	-28.99	-41.72	0.00046
-27.58	-43.13	0.00046	-26.16	-44.55	0.00046
-24.75	-45.96	0.00046	-23.33	-47.38	0.00046
-21.21	-49.50	0.00046	-17.68	-53.03	0.00046
-14.14	-56.57	0.00046	-7.07	-63.64	0.00047
0.00	-70.71	0.00046	7.07	-77.78	0.00046
14.14	-84.85	0.00045	21.21	-91.92	0.00044
28.28	-98.99	0.00043	35.36	-106.07	0.00041
-98.99	42.43	0.00028	-91.92	35.36	0.00031
-84.85	28.28	0.00033	-77.78	21.21	0.00035
-70.71	14.14	0.00038	-63.64	7.07	0.00040
-56.57	0.00	0.00042	-49.50	-7.07	0.00044
-45.96	-10.61	0.00045	-42.43	-14.14	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25

**MODELOPTs:

PAGE 31

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00046	-38.89	-17.68	0.00047
-37.48	-19.09	0.00047	-36.06	-20.51	0.00047
-34.65	-21.92	0.00048	-21.92	-34.65	0.00050
-20.51	-36.06	0.00050	-19.09	-37.48	0.00050
-17.68	-38.89	0.00050	-16.26	-40.31	0.00050
-14.14	-42.43	0.00050	-10.61	-45.96	0.00050
-7.07	-49.50	0.00050	0.00	-56.57	0.00051
7.07	-63.64	0.00050	14.14	-70.71	0.00050
21.21	-77.78	0.00049	28.28	-84.85	0.00047
35.36	-91.92	0.00045	42.43	-98.99	0.00043
-91.92	49.50	0.00029	-84.85	42.43	0.00032
-77.78	35.36	0.00035	-70.71	28.28	0.00038
-63.64	21.21	0.00040	-56.57	14.14	0.00043

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-49.50	7.07	0.00045	-42.43	0.00	0.00047
-38.89	-3.54	0.00048	-35.36	-7.07	0.00050
-33.23	-9.19	0.00050	-31.82	-10.61	0.00051
-30.41	-12.02	0.00051	-28.99	-13.44	0.00052
-27.58	-14.85	0.00052	-14.85	-27.58	0.00054
-13.44	-28.99	0.00054	-12.02	-30.41	0.00055
-10.61	-31.82	0.00055	-9.19	-33.23	0.00055
-7.07	-35.36	0.00055	-3.54	-38.89	0.00055
0.00	-42.43	0.00055	7.07	-49.50	0.00055
14.14	-56.57	0.00055	21.21	-63.64	0.00054
28.28	-70.71	0.00052	35.36	-77.78	0.00051
42.43	-84.85	0.00048	49.50	-91.92	0.00046
-84.85	56.57	0.00031	-77.78	49.50	0.00034
-70.71	42.43	0.00037	-63.64	35.36	0.00040
-56.57	28.28	0.00043	-49.50	21.21	0.00046
-42.43	14.14	0.00048	-35.36	7.07	0.00051
-31.82	3.54	0.00053	-28.28	0.00	0.00054
-26.16	-2.12	0.00055	-24.75	-3.54	0.00055
-23.33	-4.95	0.00056	-21.92	-6.36	0.00056
-20.51	-7.78	0.00057	-7.78	-20.51	0.00059
-6.36	-21.92	0.00060	-4.95	-23.33	0.00060
-3.54	-24.75	0.00060	-2.12	-26.16	0.00060
0.00	-28.28	0.00060	3.54	-31.82	0.00060
7.07	-35.36	0.00060	14.14	-42.43	0.00060
21.21	-49.50	0.00060	28.28	-56.57	0.00058
35.36	-63.64	0.00057	42.43	-70.71	0.00054
49.50	-77.78	0.00052	56.57	-84.85	0.00048

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00032	-70.71	56.57	0.00035
-63.64	49.50	0.00039	-56.57	42.43	0.00043
-49.50	35.36	0.00046	-42.43	28.28	0.00050
-35.36	21.21	0.00053	-28.28	14.14	0.00056
-24.75	10.61	0.00057	-21.21	7.07	0.00059
-19.09	4.95	0.00060	-17.68	3.54	0.00061
-16.26	2.12	0.00061	-14.85	0.71	0.00062

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-13.44	-0.71	0.00062	-0.71	-13.44	0.00065
0.71	-14.85	0.00065	2.12	-16.26	0.00066
3.54	-17.68	0.00066	4.95	-19.09	0.00066
7.07	-21.21	0.00066	10.61	-24.75	0.00066
14.14	-28.28	0.00066	21.21	-35.36	0.00066
28.28	-42.43	0.00065	35.36	-49.50	0.00064
42.43	-56.57	0.00061	49.50	-63.64	0.00058
56.57	-70.71	0.00055	63.64	-77.78	0.00051
-70.71	70.71	0.00034	-63.64	63.64	0.00037
-56.57	56.57	0.00041	-49.50	49.50	0.00045
-42.43	42.43	0.00050	-35.36	35.36	0.00054
-28.28	28.28	0.00057	-21.21	21.21	0.00061
-17.68	17.68	0.00063	-14.14	14.14	0.00065
-12.02	12.02	0.00066	-10.61	10.61	0.00067
-9.19	9.19	0.00067	-7.78	7.78	0.00068
-6.36	6.36	0.00069	6.36	-6.36	0.00072
7.78	-7.78	0.00072	9.19	-9.19	0.00073
10.61	-10.61	0.00073	12.02	-12.02	0.00073
14.14	-14.14	0.00073	17.68	-17.68	0.00073
21.21	-21.21	0.00073	28.28	-28.28	0.00073
35.36	-35.36	0.00072	42.43	-42.43	0.00070
49.50	-49.50	0.00067	56.57	-56.57	0.00063
63.64	-63.64	0.00058	70.71	-70.71	0.00053
-63.64	77.78	0.00035	-56.57	70.71	0.00039
-49.50	63.64	0.00043	-42.43	56.57	0.00048
-35.36	49.50	0.00053	-28.28	42.43	0.00058
-21.21	35.36	0.00063	-14.14	28.28	0.00067
-10.61	24.75	0.00069	-7.07	21.21	0.00071
-4.95	19.09	0.00073	-3.54	17.68	0.00073
-2.12	16.26	0.00074	-0.71	14.85	0.00075
0.71	13.44	0.00076	13.44	0.71	0.00080
14.85	-0.71	0.00080	16.26	-2.12	0.00081
17.68	-3.54	0.00081	19.09	-4.95	0.00081

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 33
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00081	24.75	-10.61	0.00081

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

28.28	-14.14	0.00081	35.36	-21.21	0.00081
42.43	-28.28	0.00079	49.50	-35.36	0.00076
56.57	-42.43	0.00072	63.64	-49.50	0.00067
70.71	-56.57	0.00062	77.78	-63.64	0.00056
-56.57	84.85	0.00037	-49.50	77.78	0.00041
-42.43	70.71	0.00046	-35.36	63.64	0.00051
-28.28	56.57	0.00057	-21.21	49.50	0.00063
-14.14	42.43	0.00069	-7.07	35.36	0.00074
-3.54	31.82	0.00076	0.00	28.28	0.00079
2.12	26.16	0.00081	3.54	24.75	0.00082
4.95	23.33	0.00083	6.36	21.92	0.00084
7.78	20.51	0.00085	20.51	7.78	0.00090
21.92	6.36	0.00090	23.33	4.95	0.00090
24.75	3.54	0.00090	26.16	2.12	0.00091
28.28	0.00	0.00091	31.82	-3.54	0.00091
35.36	-7.07	0.00091	42.43	-14.14	0.00090
49.50	-21.21	0.00087	56.57	-28.28	0.00083
63.64	-35.36	0.00078	70.71	-42.43	0.00072
77.78	-49.50	0.00065	84.85	-56.57	0.00058
-49.50	91.92	0.00038	-42.43	84.85	0.00043
-35.36	77.78	0.00048	-28.28	70.71	0.00054
-21.21	63.64	0.00061	-14.14	56.57	0.00069
-7.07	49.50	0.00075	0.00	42.43	0.00082
3.54	38.89	0.00085	7.07	35.36	0.00088
9.19	33.23	0.00090	10.61	31.82	0.00091
12.02	30.41	0.00092	13.44	28.99	0.00094
14.85	27.58	0.00095	27.58	14.85	0.00101
28.99	13.44	0.00101	30.41	12.02	0.00102
31.82	10.61	0.00102	33.23	9.19	0.00102
35.36	7.07	0.00102	38.89	3.54	0.00102
42.43	0.00	0.00102	49.50	-7.07	0.00100
56.57	-14.14	0.00097	63.64	-21.21	0.00091
70.71	-28.28	0.00084	77.78	-35.36	0.00076
84.85	-42.43	0.00068	91.92	-49.50	0.00061
-42.43	98.99	0.00040	-35.36	91.92	0.00045
-28.28	84.85	0.00051	-21.21	77.78	0.00058
-14.14	70.71	0.00066	-7.07	63.64	0.00074
0.00	56.57	0.00083	7.07	49.50	0.00091
10.61	45.96	0.00095	14.14	42.43	0.00098

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

17:43:25

**MODELOPTs:

PAGE 34

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00101	17.68	38.89	0.00102
19.09	37.48	0.00104	20.51	36.06	0.00105
21.92	34.65	0.00107	34.65	21.92	0.00115
36.06	20.51	0.00115	37.48	19.09	0.00115
38.89	17.68	0.00115	40.31	16.26	0.00116
42.43	14.14	0.00116	45.96	10.61	0.00116
49.50	7.07	0.00115	56.57	0.00	0.00113
63.64	-7.07	0.00107	70.71	-14.14	0.00100
77.78	-21.21	0.00090	84.85	-28.28	0.00081
91.92	-35.36	0.00071	98.99	-42.43	0.00063
-35.36	106.07	0.00041	-28.28	98.99	0.00047
-21.21	91.92	0.00053	-14.14	84.85	0.00061
-7.07	77.78	0.00070	0.00	70.71	0.00081
7.07	63.64	0.00091	14.14	56.57	0.00101
17.68	53.03	0.00106	21.21	49.50	0.00111
23.33	47.38	0.00114	24.75	45.96	0.00116
26.16	44.55	0.00117	27.58	43.13	0.00119
28.99	41.72	0.00121	41.72	28.99	0.00131
43.13	27.58	0.00131	44.55	26.16	0.00132
45.96	24.75	0.00132	47.38	23.33	0.00132
49.50	21.21	0.00132	53.03	17.68	0.00132
56.57	14.14	0.00131	63.64	7.07	0.00127
70.71	0.00	0.00119	77.78	-7.07	0.00108
84.85	-14.14	0.00097	91.92	-21.21	0.00085
98.99	-28.28	0.00074	106.07	-35.36	0.00064
-28.28	113.14	0.00043	-21.21	106.07	0.00049
-14.14	98.99	0.00056	-7.07	91.92	0.00065
0.00	84.85	0.00075	7.07	77.78	0.00087
14.14	70.71	0.00100	21.21	63.64	0.00114
24.75	60.10	0.00120	28.28	56.57	0.00125
30.41	54.45	0.00129	31.82	53.03	0.00131
33.23	51.62	0.00134	34.65	50.20	0.00136
36.06	48.79	0.00139	48.79	36.06	0.00151
50.20	34.65	0.00152	51.62	33.23	0.00152
53.03	31.82	0.00152	54.45	30.41	0.00153
56.57	28.28	0.00153	60.10	24.75	0.00152
63.64	21.21	0.00150	70.71	14.14	0.00143
77.78	7.07	0.00131	84.85	0.00	0.00117
91.92	-7.07	0.00102	98.99	-14.14	0.00089

106.07 -21.21 0.00076 113.14 -28.28 0.00066

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 35

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00043	-14.14	113.14	0.00050
-7.07	106.07	0.00058	0.00	98.99	0.00068
7.07	91.92	0.00080	14.14	84.85	0.00094
21.21	77.78	0.00110	28.28	70.71	0.00127
31.82	67.18	0.00135	35.36	63.64	0.00143
37.48	61.52	0.00147	38.89	60.10	0.00150
40.31	58.69	0.00154	41.72	57.28	0.00157
43.13	55.86	0.00160	55.86	43.13	0.00176
57.28	41.72	0.00177	58.69	40.31	0.00177
60.10	38.89	0.00178	61.52	37.48	0.00178
63.64	35.36	0.00178	67.18	31.82	0.00176
70.71	28.28	0.00173	77.78	21.21	0.00161
84.85	14.14	0.00144	91.92	7.07	0.00126
98.99	0.00	0.00108	106.07	-7.07	0.00092
113.14	-14.14	0.00078	120.21	-21.21	0.00067
-14.14	127.28	0.00044	-7.07	120.21	0.00051
0.00	113.14	0.00060	7.07	106.07	0.00071
14.14	98.99	0.00085	21.21	91.92	0.00101
28.28	84.85	0.00120	35.36	77.78	0.00142
38.89	74.25	0.00153	42.43	70.71	0.00163
44.55	68.59	0.00169	45.96	67.18	0.00173
47.38	65.76	0.00177	48.79	64.35	0.00181
50.20	62.93	0.00185	62.93	50.20	0.00207
64.35	48.79	0.00208	65.76	47.38	0.00209
67.18	45.96	0.00209	68.59	44.55	0.00209
70.71	42.43	0.00208	74.25	38.89	0.00205
77.78	35.36	0.00199	84.85	28.28	0.00180
91.92	21.21	0.00157	98.99	14.14	0.00133
106.07	7.07	0.00112	113.14	0.00	0.00094
120.21	-7.07	0.00079	127.28	-14.14	0.00067
-7.07	134.35	0.00044	0.00	127.28	0.00052
7.07	120.21	0.00062	14.14	113.14	0.00074
21.21	106.07	0.00089	28.28	98.99	0.00107

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

71.42	84.15	0.00296	84.15	71.42	0.00361
85.56	70.00	0.00361	86.97	68.59	0.00359
88.39	67.18	0.00355	89.80	65.76	0.00349
91.92	63.64	0.00337	95.46	60.10	0.00312
98.99	56.57	0.00283	106.07	49.50	0.00229
113.14	42.43	0.00183	120.21	35.36	0.00146
127.28	28.28	0.00117	134.35	21.21	0.00094
141.42	14.14	0.00077	148.49	7.07	0.00064
14.14	155.56	0.00045	21.21	148.49	0.00053
28.28	141.42	0.00063	35.36	134.35	0.00077
42.43	127.28	0.00094	49.50	120.21	0.00118
56.57	113.14	0.00150	63.64	106.07	0.00195
67.18	102.53	0.00223	70.71	98.99	0.00255

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00277	74.25	95.46	0.00293
75.66	94.05	0.00309	77.07	92.63	0.00326
78.49	91.22	0.00343	91.22	78.49	0.00442
92.63	77.07	0.00436	94.05	75.66	0.00426
95.46	74.25	0.00414	96.87	72.83	0.00400
98.99	70.71	0.00377	102.53	67.18	0.00339
106.07	63.64	0.00301	113.14	56.57	0.00235
120.21	49.50	0.00183	127.28	42.43	0.00144
134.35	35.36	0.00114	141.42	28.28	0.00092
148.49	21.21	0.00075	155.56	14.14	0.00062
21.21	162.63	0.00046	28.28	155.56	0.00054
35.36	148.49	0.00065	42.43	141.42	0.00079
49.50	134.35	0.00097	56.57	127.28	0.00121
63.64	120.21	0.00153	70.71	113.14	0.00199
74.25	109.60	0.00230	77.78	106.07	0.00266
79.90	103.94	0.00292	81.32	102.53	0.00311
82.73	101.12	0.00333	84.15	99.70	0.00359
85.56	98.29	0.00389	98.29	85.56	0.00525
99.70	84.15	0.00501	101.12	82.73	0.00476
102.53	81.32	0.00453	103.94	79.90	0.00430
106.07	77.78	0.00398	109.60	74.25	0.00349

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

113.14	70.71	0.00306	120.21	63.64	0.00234
127.28	56.57	0.00180	134.35	49.50	0.00140
141.42	42.43	0.00110	148.49	35.36	0.00088
155.56	28.28	0.00072	162.63	21.21	0.00060
28.28	169.71	0.00047	35.36	162.63	0.00056
42.43	155.56	0.00067	49.50	148.49	0.00081
56.57	141.42	0.00100	63.64	134.35	0.00125
70.71	127.28	0.00160	77.78	120.21	0.00209
81.32	116.67	0.00242	84.85	113.14	0.00283
86.97	111.02	0.00314	88.39	109.60	0.00338
89.80	108.19	0.00367	91.22	106.77	0.00405
92.63	105.36	0.00457	105.36	92.63	0.00553
106.77	91.22	0.00518	108.19	89.80	0.00488
109.60	88.39	0.00461	111.02	86.97	0.00436
113.14	84.85	0.00400	116.67	81.32	0.00348
120.21	77.78	0.00302	127.28	70.71	0.00227
134.35	63.64	0.00173	141.42	56.57	0.00133
148.49	49.50	0.00105	155.56	42.43	0.00084
162.63	35.36	0.00069	169.71	28.28	0.00057

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00049	42.43	169.71	0.00058
49.50	162.63	0.00070	56.57	155.56	0.00085
63.64	148.49	0.00106	70.71	141.42	0.00134
77.78	134.35	0.00175	84.85	127.28	0.00239
88.39	123.74	0.00289	91.92	120.21	0.00361
94.05	118.09	0.00418	95.46	116.67	0.00463
96.87	115.26	0.00514	98.29	113.84	0.00572
99.70	112.43	0.00639	112.43	99.70	0.00564
113.84	98.29	0.00522	115.26	96.87	0.00487
116.67	95.46	0.00457	118.09	94.05	0.00429
120.21	91.92	0.00391	123.74	88.39	0.00336
127.28	84.85	0.00288	134.35	77.78	0.00214
141.42	70.71	0.00161	148.49	63.64	0.00124
155.56	56.57	0.00098	162.63	49.50	0.00078
169.71	42.43	0.00064	176.78	35.36	0.00053

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

42.43	183.85	0.00053	49.50	176.78	0.00062
56.57	169.71	0.00075	63.64	162.63	0.00092
70.71	155.56	0.00116	77.78	148.49	0.00152
84.85	141.42	0.00207	91.92	134.35	0.00302
95.46	130.81	0.00373	98.99	127.28	0.00463
101.12	125.16	0.00525	102.53	123.74	0.00570
103.94	122.33	0.00618	105.36	120.92	0.00670
106.77	119.50	0.00730	119.50	106.77	0.00570
120.92	105.36	0.00523	122.33	103.94	0.00484
123.74	102.53	0.00449	125.16	101.12	0.00418
127.28	98.99	0.00376	130.81	95.46	0.00318
134.35	91.92	0.00269	141.42	84.85	0.00196
148.49	77.78	0.00147	155.56	70.71	0.00113
162.63	63.64	0.00089	169.71	56.57	0.00072
176.78	49.50	0.00059	183.85	42.43	0.00049
49.50	190.92	0.00057	56.57	183.85	0.00068
63.64	176.78	0.00083	70.71	169.71	0.00103
77.78	162.63	0.00133	84.85	155.56	0.00179
91.92	148.49	0.00251	98.99	141.42	0.00362
102.53	137.89	0.00436	106.07	134.35	0.00521
108.19	132.23	0.00579	109.60	130.81	0.00621
111.02	129.40	0.00665	112.43	127.99	0.00714
113.84	126.57	0.00768	126.57	113.84	0.00563
127.99	112.43	0.00512	129.40	111.02	0.00470
130.81	109.60	0.00433	132.23	108.19	0.00399

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00355	137.89	102.53	0.00293
141.42	98.99	0.00245	148.49	91.92	0.00175
155.56	84.85	0.00131	162.63	77.78	0.00101
169.71	70.71	0.00080	176.78	63.64	0.00065
183.85	56.57	0.00054	190.92	49.50	0.00045
56.57	197.99	0.00064	63.64	190.92	0.00076
70.71	183.85	0.00094	77.78	176.78	0.00119
84.85	169.71	0.00156	91.92	162.63	0.00210
98.99	155.56	0.00290	106.07	148.49	0.00400

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

109.60	144.96	0.00468	113.14	141.42	0.00547
115.26	139.30	0.00601	116.67	137.89	0.00639
118.09	136.47	0.00681	119.50	135.06	0.00726
120.92	133.64	0.00777	133.64	120.92	0.00540
135.06	119.50	0.00486	136.47	118.09	0.00442
137.89	116.67	0.00403	139.30	115.26	0.00369
141.42	113.14	0.00324	144.96	109.60	0.00262
148.49	106.07	0.00216	155.56	98.99	0.00153
162.63	91.92	0.00115	169.71	84.85	0.00089
176.78	77.78	0.00071	183.85	70.71	0.00058
190.92	63.64	0.00048	197.99	56.57	0.00041
63.64	205.06	0.00071	70.71	197.99	0.00087
77.78	190.92	0.00108	84.85	183.85	0.00138
91.92	176.78	0.00180	98.99	169.71	0.00238
106.07	162.63	0.00316	113.14	155.56	0.00420
116.67	152.03	0.00482	120.21	148.49	0.00554
122.33	146.37	0.00602	123.74	144.96	0.00638
125.16	143.54	0.00676	126.57	142.13	0.00717
127.99	140.71	0.00765	140.71	127.99	0.00500
142.13	126.57	0.00444	143.54	125.16	0.00398
144.96	123.74	0.00359	146.37	122.33	0.00325
148.49	120.21	0.00281	152.03	116.67	0.00225
155.56	113.14	0.00184	162.63	106.07	0.00131
169.71	98.99	0.00099	176.78	91.92	0.00078
183.85	84.85	0.00063	190.92	77.78	0.00052
197.99	70.71	0.00043	205.06	63.64	0.00037
70.71	212.13	0.00080	77.78	205.06	0.00098
84.85	197.99	0.00123	91.92	190.92	0.00157
98.99	183.85	0.00201	106.07	176.78	0.00260
113.14	169.71	0.00334	120.21	162.63	0.00428
123.74	159.10	0.00484	127.28	155.56	0.00549

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00592	130.81	152.03	0.00623
132.23	150.61	0.00656	133.64	149.20	0.00692
135.06	147.79	0.00735	147.79	135.06	0.00439

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

149.20	133.64	0.00383	150.61	132.23	0.00338
152.03	130.81	0.00301	153.44	129.40	0.00270
155.56	127.28	0.00232	159.10	123.74	0.00186
162.63	120.21	0.00154	169.71	113.14	0.00111
176.78	106.07	0.00085	183.85	98.99	0.00068
190.92	91.92	0.00055	197.99	84.85	0.00046
205.06	77.78	0.00039	212.13	70.71	0.00034
77.78	219.20	0.00089	84.85	212.13	0.00110
91.92	205.06	0.00137	98.99	197.99	0.00172
106.07	190.92	0.00218	113.14	183.85	0.00275
120.21	176.78	0.00346	127.28	169.71	0.00432
130.81	166.17	0.00483	134.35	162.63	0.00540
136.47	160.51	0.00576	137.89	159.10	0.00601
139.30	157.68	0.00628	140.71	156.27	0.00658
142.13	154.86	0.00693	154.86	142.13	0.00356
156.27	140.71	0.00305	157.68	139.30	0.00267
159.10	137.89	0.00237	160.51	136.47	0.00214
162.63	134.35	0.00186	166.17	130.81	0.00151
169.71	127.28	0.00127	176.78	120.21	0.00095
183.85	113.14	0.00074	190.92	106.07	0.00060
197.99	98.99	0.00049	205.06	91.92	0.00041
212.13	84.85	0.00035	219.20	77.78	0.00030
84.85	226.27	0.00097	91.92	219.20	0.00119
98.99	212.13	0.00148	106.07	205.06	0.00183
113.14	197.99	0.00228	120.21	190.92	0.00283
127.28	183.85	0.00351	134.35	176.78	0.00434
137.89	173.24	0.00482	141.42	169.71	0.00532
143.54	167.58	0.00563	144.96	166.17	0.00583
146.37	164.76	0.00604	147.79	163.34	0.00625
149.20	161.93	0.00649	161.93	149.20	0.00266
163.34	147.79	0.00233	164.76	146.37	0.00208
166.17	144.96	0.00189	167.58	143.54	0.00173
169.71	141.42	0.00154	173.24	137.89	0.00129
176.78	134.35	0.00110	183.85	127.28	0.00083
190.92	120.21	0.00066	197.99	113.14	0.00053
205.06	106.07	0.00044	212.13	98.99	0.00037
219.20	91.92	0.00031	226.27	84.85	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
91.92	233.35	0.00105	98.99	226.27	0.00127	
106.07	219.20	0.00156	113.14	212.13	0.00190	
120.21	205.06	0.00233	127.28	197.99	0.00285	
134.35	190.92	0.00348	141.42	183.85	0.00425	
144.96	180.31	0.00468	148.49	176.78	0.00511	
150.61	174.66	0.00537	152.03	173.24	0.00552	
153.44	171.83	0.00564	154.86	170.41	0.00573	
156.27	169.00	0.00573	169.00	156.27	0.00224	
170.41	154.86	0.00202	171.83	153.44	0.00182	
173.24	152.03	0.00166	174.66	150.61	0.00153	
176.78	148.49	0.00136	180.31	144.96	0.00114	
183.85	141.42	0.00097	190.92	134.35	0.00074	
197.99	127.28	0.00058	205.06	120.21	0.00047	
212.13	113.14	0.00039	219.20	106.07	0.00033	
226.27	98.99	0.00028	233.35	91.92	0.00025	
98.99	240.42	0.00111	106.07	233.35	0.00133	
113.14	226.27	0.00160	120.21	219.20	0.00192	
127.28	212.13	0.00231	134.35	205.06	0.00278	
141.42	197.99	0.00333	148.49	190.92	0.00390	
152.03	187.38	0.00414	155.56	183.85	0.00425	
157.68	181.73	0.00422	159.10	180.31	0.00415	
160.51	178.90	0.00405	161.93	177.48	0.00392	
163.34	176.07	0.00376	176.07	163.34	0.00192	
177.48	161.93	0.00177	178.90	160.51	0.00163	
180.31	159.10	0.00150	181.73	157.68	0.00139	
183.85	155.56	0.00124	187.38	152.03	0.00104	
190.92	148.49	0.00089	197.99	141.42	0.00068	
205.06	134.35	0.00054	212.13	127.28	0.00043	
219.20	120.21	0.00036	226.27	113.14	0.00030	
233.35	106.07	0.00026	240.42	98.99	0.00022	
106.07	247.49	0.00114	113.14	240.42	0.00135	
120.21	233.35	0.00160	127.28	226.27	0.00189	
134.35	219.20	0.00223	141.42	212.13	0.00260	
148.49	205.06	0.00296	155.56	197.99	0.00318	
159.10	194.45	0.00317	162.63	190.92	0.00308	
164.76	188.80	0.00299	166.17	187.38	0.00292	
167.58	185.97	0.00283	169.00	184.55	0.00274	
170.41	183.14	0.00264	183.14	170.41	0.00159	
184.55	169.00	0.00149	185.97	167.58	0.00139	
187.38	166.17	0.00130	188.80	164.76	0.00122	

04/20/08

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00111	194.45	159.10	0.00095
197.99	155.56	0.00082	205.06	148.49	0.00063
212.13	141.42	0.00050	219.20	134.35	0.00040
226.27	127.28	0.00033	233.35	120.21	0.00028
240.42	113.14	0.00024	247.49	106.07	0.00021

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00017	-240.42	-113.14	0.00017
-233.35	-120.21	0.00018	-226.27	-127.28	0.00018
-219.20	-134.35	0.00019	-212.13	-141.42	0.00019
-205.06	-148.49	0.00020	-197.99	-155.56	0.00021
-194.45	-159.10	0.00021	-190.92	-162.63	0.00021
-188.80	-164.76	0.00021	-187.38	-166.17	0.00021
-185.97	-167.58	0.00022	-184.55	-169.00	0.00022
-183.14	-170.41	0.00022	-170.41	-183.14	0.00022
-169.00	-184.55	0.00022	-167.58	-185.97	0.00022
-166.17	-187.38	0.00022	-164.76	-188.80	0.00022
-162.63	-190.92	0.00022	-159.10	-194.45	0.00023
-155.56	-197.99	0.00023	-148.49	-205.06	0.00023
-141.42	-212.13	0.00023	-134.35	-219.20	0.00023
-127.28	-226.27	0.00023	-120.21	-233.35	0.00023
-113.14	-240.42	0.00022	-106.07	-247.49	0.00022
-240.42	-98.99	0.00017	-233.35	-106.07	0.00018
-226.27	-113.14	0.00019	-219.20	-120.21	0.00019
-212.13	-127.28	0.00020	-205.06	-134.35	0.00020
-197.99	-141.42	0.00021	-190.92	-148.49	0.00022
-187.38	-152.03	0.00022	-183.85	-155.56	0.00022

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-181.73	-157.68	0.00023	-180.31	-159.10	0.00023
-178.90	-160.51	0.00023	-177.48	-161.93	0.00023
-176.07	-163.34	0.00023	-163.34	-176.07	0.00024
-161.93	-177.48	0.00024	-160.51	-178.90	0.00024
-159.10	-180.31	0.00024	-157.68	-181.73	0.00024
-155.56	-183.85	0.00024	-152.03	-187.38	0.00024
-148.49	-190.92	0.00024	-141.42	-197.99	0.00024
-134.35	-205.06	0.00024	-127.28	-212.13	0.00024
-120.21	-219.20	0.00024	-113.14	-226.27	0.00024
-106.07	-233.35	0.00024	-98.99	-240.42	0.00023
-233.35	-91.92	0.00018	-226.27	-99.00	0.00019
-219.20	-106.07	0.00019	-212.13	-113.14	0.00020
-205.06	-120.21	0.00021	-197.99	-127.28	0.00022
-190.92	-134.35	0.00022	-183.85	-141.42	0.00023
-180.31	-144.96	0.00023	-176.78	-148.49	0.00024
-174.66	-150.61	0.00024	-173.24	-152.03	0.00024
-171.83	-153.44	0.00024	-170.41	-154.86	0.00024
-169.00	-156.27	0.00024	-156.27	-169.00	0.00025
-154.86	-170.41	0.00025	-153.44	-171.83	0.00025
-152.03	-173.24	0.00025	-150.61	-174.66	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00025	-144.96	-180.31	0.00025
-141.42	-183.85	0.00025	-134.35	-190.92	0.00025
-127.28	-197.99	0.00025	-120.21	-205.06	0.00025
-113.14	-212.13	0.00025	-106.07	-219.20	0.00025
-98.99	-226.27	0.00025	-91.92	-233.35	0.00025
-226.27	-84.85	0.00019	-219.20	-91.92	0.00020
-212.13	-99.00	0.00020	-205.06	-106.07	0.00021
-197.99	-113.14	0.00022	-190.92	-120.21	0.00023
-183.85	-127.28	0.00023	-176.78	-134.35	0.00024
-173.24	-137.89	0.00025	-169.71	-141.42	0.00025
-167.58	-143.54	0.00025	-166.17	-144.96	0.00025
-164.76	-146.37	0.00025	-163.34	-147.79	0.00026
-161.93	-149.20	0.00026	-149.20	-161.93	0.00026
-147.79	-163.34	0.00026	-146.37	-164.76	0.00027

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-144.96	-166.17	0.00027	-143.54	-167.58	0.00027
-141.42	-169.71	0.00027	-137.89	-173.24	0.00027
-134.35	-176.78	0.00027	-127.28	-183.85	0.00027
-120.21	-190.92	0.00027	-113.14	-197.99	0.00027
-106.07	-205.06	0.00027	-98.99	-212.13	0.00027
-91.92	-219.20	0.00026	-84.85	-226.27	0.00026
-219.20	-77.78	0.00020	-212.13	-84.85	0.00021
-205.06	-91.92	0.00022	-197.99	-99.00	0.00022
-190.92	-106.07	0.00023	-183.85	-113.14	0.00024
-176.78	-120.21	0.00025	-169.71	-127.28	0.00026
-166.17	-130.81	0.00026	-162.63	-134.35	0.00027
-160.51	-136.47	0.00027	-159.10	-137.89	0.00027
-157.68	-139.30	0.00027	-156.27	-140.71	0.00027
-154.86	-142.13	0.00027	-142.13	-154.86	0.00028
-140.71	-156.27	0.00028	-139.30	-157.68	0.00028
-137.89	-159.10	0.00028	-136.47	-160.51	0.00028
-134.35	-162.63	0.00028	-130.81	-166.17	0.00028
-127.28	-169.71	0.00028	-120.21	-176.78	0.00029
-113.14	-183.85	0.00029	-106.07	-190.92	0.00029
-98.99	-197.99	0.00028	-91.92	-205.06	0.00028
-84.85	-212.13	0.00028	-77.78	-219.20	0.00027
-212.13	-70.71	0.00021	-205.06	-77.78	0.00022
-197.99	-84.85	0.00023	-190.92	-91.92	0.00024
-183.85	-98.99	0.00024	-176.78	-106.07	0.00025
-169.71	-113.14	0.00026	-162.63	-120.21	0.00027
-159.10	-123.74	0.00028	-155.56	-127.28	0.00028

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00028	-152.03	-130.81	0.00029
-150.61	-132.23	0.00029	-149.20	-133.64	0.00029
-147.79	-135.06	0.00029	-135.06	-147.79	0.00030
-133.64	-149.20	0.00030	-132.23	-150.61	0.00030
-130.81	-152.03	0.00030	-129.40	-153.44	0.00030
-127.28	-155.56	0.00030	-123.74	-159.10	0.00030
-120.21	-162.63	0.00030	-113.14	-169.71	0.00030
-106.07	-176.78	0.00030	-98.99	-183.85	0.00030

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-91.92	-190.92	0.00030	-84.85	-197.99	0.00030
-77.78	-205.06	0.00029	-70.71	-212.13	0.00029
-205.06	-63.64	0.00022	-197.99	-70.71	0.00023
-190.92	-77.78	0.00024	-183.85	-84.85	0.00025
-176.78	-91.92	0.00026	-169.71	-98.99	0.00027
-162.63	-106.07	0.00028	-155.56	-113.14	0.00029
-152.03	-116.67	0.00029	-148.49	-120.21	0.00030
-146.37	-122.33	0.00030	-144.96	-123.74	0.00030
-143.54	-125.16	0.00031	-142.13	-126.57	0.00031
-140.71	-127.99	0.00031	-127.99	-140.71	0.00032
-126.57	-142.13	0.00032	-125.16	-143.54	0.00032
-123.74	-144.96	0.00032	-122.33	-146.37	0.00032
-120.21	-148.49	0.00032	-116.67	-152.03	0.00032
-113.14	-155.56	0.00032	-106.07	-162.63	0.00032
-98.99	-169.71	0.00032	-91.92	-176.78	0.00032
-84.85	-183.85	0.00032	-77.78	-190.92	0.00032
-70.71	-197.99	0.00031	-63.64	-205.06	0.00031
-197.99	-56.57	0.00023	-190.92	-63.64	0.00024
-183.85	-70.71	0.00025	-176.78	-77.78	0.00026
-169.71	-84.85	0.00027	-162.63	-91.92	0.00028
-155.56	-98.99	0.00030	-148.49	-106.07	0.00031
-144.96	-109.60	0.00031	-141.42	-113.14	0.00032
-139.30	-115.26	0.00032	-137.89	-116.67	0.00032
-136.47	-118.09	0.00033	-135.06	-119.50	0.00033
-133.64	-120.92	0.00033	-120.92	-133.64	0.00034
-119.50	-135.06	0.00034	-118.09	-136.47	0.00034
-116.67	-137.89	0.00034	-115.26	-139.30	0.00034
-113.14	-141.42	0.00034	-109.60	-144.96	0.00034
-106.07	-148.49	0.00035	-98.99	-155.56	0.00035
-91.92	-162.63	0.00035	-84.85	-169.71	0.00035
-77.78	-176.78	0.00034	-70.71	-183.85	0.00034
-63.64	-190.92	0.00033	-56.57	-197.99	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTS:
 PAGE 46
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00024	-183.85	-56.57	0.00025
-176.78	-63.64	0.00027	-169.71	-70.71	0.00028

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-162.63	-77.78	0.00029	-155.56	-84.85	0.00030
-148.49	-91.92	0.00032	-141.42	-98.99	0.00033
-137.89	-102.53	0.00034	-134.35	-106.07	0.00034
-132.23	-108.19	0.00034	-130.81	-109.60	0.00035
-129.40	-111.02	0.00035	-127.99	-112.43	0.00035
-126.57	-113.84	0.00035	-113.84	-126.57	0.00037
-112.43	-127.99	0.00037	-111.02	-129.40	0.00037
-109.60	-130.81	0.00037	-108.19	-132.23	0.00037
-106.07	-134.35	0.00037	-102.53	-137.89	0.00037
-98.99	-141.42	0.00037	-91.92	-148.49	0.00037
-84.85	-155.56	0.00037	-77.78	-162.63	0.00037
-70.71	-169.71	0.00037	-63.64	-176.78	0.00036
-56.57	-183.85	0.00035	-49.50	-190.92	0.00034
-183.85	-42.43	0.00025	-176.78	-49.50	0.00026
-169.71	-56.57	0.00028	-162.63	-63.64	0.00030
-155.56	-70.71	0.00031	-148.49	-77.78	0.00032
-141.42	-84.85	0.00034	-134.35	-91.92	0.00035
-130.81	-95.46	0.00036	-127.28	-98.99	0.00037
-125.16	-101.12	0.00037	-123.74	-102.53	0.00037
-122.33	-103.94	0.00037	-120.92	-105.36	0.00038
-119.50	-106.77	0.00038	-106.77	-119.50	0.00039
-105.36	-120.92	0.00039	-103.94	-122.33	0.00039
-102.53	-123.74	0.00040	-101.12	-125.16	0.00040
-98.99	-127.28	0.00040	-95.46	-130.81	0.00040
-91.92	-134.35	0.00040	-84.85	-141.42	0.00040
-77.78	-148.49	0.00040	-70.71	-155.56	0.00040
-63.64	-162.63	0.00039	-56.57	-169.71	0.00038
-49.50	-176.78	0.00037	-42.43	-183.85	0.00036
-176.78	-35.36	0.00026	-169.71	-42.43	0.00028
-162.63	-49.50	0.00030	-155.56	-56.57	0.00031
-148.49	-63.64	0.00033	-141.42	-70.71	0.00034
-134.35	-77.78	0.00036	-127.28	-84.85	0.00038
-123.74	-88.39	0.00038	-120.21	-91.92	0.00039
-118.09	-94.05	0.00040	-116.67	-95.46	0.00040
-115.26	-96.87	0.00040	-113.84	-98.29	0.00041
-112.43	-99.70	0.00041	-99.70	-112.43	0.00042
-98.29	-113.84	0.00042	-96.87	-115.26	0.00043
-95.46	-116.67	0.00043	-94.05	-118.09	0.00043

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00043	-88.39	-123.74	0.00043
-84.85	-127.28	0.00043	-77.78	-134.35	0.00043
-70.71	-141.42	0.00043	-63.64	-148.49	0.00043
-56.57	-155.56	0.00042	-49.50	-162.63	0.00041
-42.43	-169.71	0.00040	-35.36	-176.78	0.00038
-169.71	-28.28	0.00027	-162.63	-35.36	0.00029
-155.56	-42.43	0.00031	-148.49	-49.50	0.00033
-141.42	-56.57	0.00035	-134.35	-63.64	0.00037
-127.28	-70.71	0.00039	-120.21	-77.78	0.00040
-116.67	-81.32	0.00041	-113.14	-84.85	0.00042
-111.02	-86.97	0.00043	-109.60	-88.39	0.00043
-108.19	-89.80	0.00044	-106.77	-91.22	0.00044
-105.36	-92.63	0.00044	-92.63	-105.36	0.00046
-91.22	-106.77	0.00046	-89.80	-108.19	0.00046
-88.39	-109.60	0.00046	-86.97	-111.02	0.00046
-84.85	-113.14	0.00046	-81.32	-116.67	0.00046
-77.78	-120.21	0.00046	-70.71	-127.28	0.00047
-63.64	-134.35	0.00046	-56.57	-141.42	0.00046
-49.50	-148.49	0.00045	-42.43	-155.56	0.00044
-35.36	-162.63	0.00043	-28.28	-169.71	0.00041
-162.63	-21.21	0.00028	-155.56	-28.28	0.00031
-148.49	-35.36	0.00033	-141.42	-42.43	0.00035
-134.35	-49.50	0.00038	-127.28	-56.57	0.00040
-120.21	-63.64	0.00042	-113.14	-70.71	0.00044
-109.60	-74.25	0.00045	-106.07	-77.78	0.00046
-103.94	-79.90	0.00046	-102.53	-81.32	0.00047
-101.12	-82.73	0.00047	-99.70	-84.15	0.00047
-98.29	-85.56	0.00048	-85.56	-98.29	0.00050
-84.15	-99.70	0.00050	-82.73	-101.12	0.00050
-81.32	-102.53	0.00050	-79.90	-103.94	0.00050
-77.78	-106.07	0.00050	-74.25	-109.60	0.00050
-70.71	-113.14	0.00050	-63.64	-120.21	0.00051
-56.57	-127.28	0.00050	-49.50	-134.35	0.00050
-42.43	-141.42	0.00049	-35.36	-148.49	0.00047
-28.28	-155.56	0.00045	-21.21	-162.63	0.00043
-155.56	-14.14	0.00029	-148.49	-21.21	0.00032
-141.42	-28.28	0.00035	-134.35	-35.36	0.00038
-127.28	-42.43	0.00040	-120.21	-49.50	0.00043
-113.14	-56.57	0.00045	-106.07	-63.64	0.00047
-102.53	-67.18	0.00048	-98.99	-70.71	0.00050

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

17:43:25

**MODELOPTs:

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*** Maximum train overlap at NE/SW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00050	-95.46	-74.25	0.00051
-94.05	-75.66	0.00051	-92.63	-77.07	0.00052
-91.22	-78.49	0.00052	-78.49	-91.22	0.00054
-77.07	-92.63	0.00054	-75.66	-94.05	0.00055
-74.25	-95.46	0.00055	-72.83	-96.87	0.00055
-70.71	-98.99	0.00055	-67.18	-102.53	0.00055
-63.64	-106.07	0.00055	-56.57	-113.14	0.00055
-49.50	-120.21	0.00055	-42.43	-127.28	0.00054
-35.36	-134.35	0.00052	-28.28	-141.42	0.00051
-21.21	-148.49	0.00048	-14.14	-155.56	0.00046
-148.49	-7.07	0.00031	-141.42	-14.14	0.00034
-134.35	-21.21	0.00037	-127.28	-28.28	0.00040
-120.21	-35.36	0.00043	-113.14	-42.43	0.00046
-106.07	-49.50	0.00048	-98.99	-56.57	0.00051
-95.46	-60.10	0.00053	-91.92	-63.64	0.00054
-89.80	-65.76	0.00055	-88.39	-67.18	0.00055
-86.97	-68.59	0.00056	-85.56	-70.00	0.00056
-84.15	-71.42	0.00057	-71.42	-84.15	0.00059
-70.00	-85.56	0.00060	-68.59	-86.97	0.00060
-67.18	-88.39	0.00060	-65.76	-89.80	0.00060
-63.64	-91.92	0.00060	-60.10	-95.46	0.00060
-56.57	-98.99	0.00060	-49.50	-106.07	0.00060
-42.43	-113.14	0.00060	-35.36	-120.21	0.00058
-28.28	-127.28	0.00057	-21.21	-134.35	0.00054
-14.14	-141.42	0.00052	-7.07	-148.49	0.00048
-141.42	0.00	0.00032	-134.35	-7.07	0.00035
-127.28	-14.14	0.00039	-120.21	-21.21	0.00043
-113.14	-28.28	0.00046	-106.07	-35.36	0.00050
-98.99	-42.43	0.00053	-91.92	-49.50	0.00056
-88.39	-53.03	0.00057	-84.85	-56.57	0.00059
-82.73	-58.69	0.00060	-81.32	-60.10	0.00061
-79.90	-61.52	0.00061	-78.49	-62.93	0.00062
-77.07	-64.35	0.00062	-64.35	-77.07	0.00065
-62.93	-78.49	0.00065	-61.52	-79.90	0.00066

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-60.10	-81.32	0.00066	-58.69	-82.73	0.00066
-56.57	-84.85	0.00066	-53.03	-88.39	0.00066
-49.50	-91.92	0.00066	-42.43	-98.99	0.00066
-35.36	-106.07	0.00065	-28.28	-113.14	0.00064
-21.21	-120.21	0.00061	-14.14	-127.28	0.00058
-7.07	-134.35	0.00055	0.00	-141.42	0.00051

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 49
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00034	-127.28	0.00	0.00037
-120.21	-7.07	0.00041	-113.14	-14.14	0.00045
-106.07	-21.21	0.00050	-98.99	-28.28	0.00054
-91.92	-35.36	0.00057	-84.85	-42.43	0.00061
-81.32	-45.96	0.00063	-77.78	-49.50	0.00065
-75.66	-51.62	0.00066	-74.25	-53.03	0.00067
-72.83	-54.45	0.00067	-71.42	-55.86	0.00068
-70.00	-57.28	0.00069	-57.28	-70.00	0.00072
-55.86	-71.42	0.00072	-54.45	-72.83	0.00073
-53.03	-74.25	0.00073	-51.62	-75.66	0.00073
-49.50	-77.78	0.00073	-45.96	-81.32	0.00073
-42.43	-84.85	0.00073	-35.36	-91.92	0.00073
-28.28	-98.99	0.00072	-21.21	-106.07	0.00070
-14.14	-113.14	0.00067	-7.07	-120.21	0.00063
0.00	-127.28	0.00058	7.07	-134.35	0.00053
-127.28	14.14	0.00035	-120.21	7.07	0.00039
-113.14	0.00	0.00043	-106.07	-7.07	0.00048
-98.99	-14.14	0.00053	-91.92	-21.21	0.00058
-84.85	-28.28	0.00063	-77.78	-35.36	0.00067
-74.25	-38.89	0.00069	-70.71	-42.43	0.00071
-68.59	-44.55	0.00073	-67.18	-45.96	0.00073
-65.76	-47.38	0.00074	-64.35	-48.79	0.00075
-62.93	-50.20	0.00076	-50.20	-62.93	0.00080
-48.79	-64.35	0.00080	-47.38	-65.76	0.00081
-45.96	-67.18	0.00081	-44.55	-68.59	0.00081
-42.43	-70.71	0.00081	-38.89	-74.25	0.00081
-35.36	-77.78	0.00081	-28.28	-84.85	0.00081
-21.21	-91.92	0.00079	-14.14	-98.99	0.00076

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-7.07	-106.07	0.00072	0.00	-113.14	0.00067
7.07	-120.21	0.00062	14.14	-127.28	0.00056
-120.21	21.21	0.00037	-113.14	14.14	0.00041
-106.07	7.07	0.00046	-98.99	0.00	0.00051
-91.92	-7.07	0.00057	-84.85	-14.14	0.00063
-77.78	-21.21	0.00069	-70.71	-28.28	0.00074
-67.18	-31.82	0.00076	-63.64	-35.36	0.00079
-61.52	-37.48	0.00081	-60.10	-38.89	0.00082
-58.69	-40.31	0.00083	-57.28	-41.72	0.00084
-55.86	-43.13	0.00085	-43.13	-55.86	0.00090
-41.72	-57.28	0.00090	-40.31	-58.69	0.00090
-38.89	-60.10	0.00090	-37.48	-61.52	0.00091

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

17:43:25

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00091	-31.82	-67.18	0.00091
-28.28	-70.71	0.00091	-21.21	-77.78	0.00090
-14.14	-84.85	0.00087	-7.07	-91.92	0.00083
0.00	-98.99	0.00078	7.07	-106.07	0.00072
14.14	-113.14	0.00065	21.21	-120.21	0.00058
-113.14	28.28	0.00038	-106.07	21.21	0.00043
-98.99	14.14	0.00048	-91.92	7.07	0.00054
-84.85	0.00	0.00061	-77.78	-7.07	0.00069
-70.71	-14.14	0.00075	-63.64	-21.21	0.00082
-60.10	-24.75	0.00085	-56.57	-28.28	0.00088
-54.45	-30.41	0.00090	-53.03	-31.82	0.00091
-51.62	-33.23	0.00092	-50.20	-34.65	0.00094
-48.79	-36.06	0.00095	-36.06	-48.79	0.00101
-34.65	-50.20	0.00101	-33.23	-51.62	0.00102
-31.82	-53.03	0.00102	-30.41	-54.45	0.00102
-28.28	-56.57	0.00102	-24.75	-60.10	0.00102
-21.21	-63.64	0.00102	-14.14	-70.71	0.00100
-7.07	-77.78	0.00097	0.00	-84.85	0.00091
7.07	-91.92	0.00084	14.14	-98.99	0.00076
21.21	-106.07	0.00068	28.28	-113.14	0.00061
-106.07	35.36	0.00040	-98.99	28.28	0.00045
-91.92	21.21	0.00051	-84.85	14.14	0.00058

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-77.78	7.07	0.00066	-70.71	0.00	0.00074
-63.64	-7.07	0.00083	-56.57	-14.14	0.00091
-53.03	-17.68	0.00095	-49.50	-21.21	0.00098
-47.38	-23.33	0.00101	-45.96	-24.75	0.00102
-44.55	-26.16	0.00104	-43.13	-27.58	0.00105
-41.72	-28.99	0.00107	-28.99	-41.72	0.00115
-27.58	-43.13	0.00115	-26.16	-44.55	0.00115
-24.75	-45.96	0.00115	-23.33	-47.38	0.00116
-21.21	-49.50	0.00116	-17.68	-53.03	0.00116
-14.14	-56.57	0.00115	-7.07	-63.64	0.00113
0.00	-70.71	0.00107	7.07	-77.78	0.00100
14.14	-84.85	0.00090	21.21	-91.92	0.00081
28.28	-98.99	0.00071	35.36	-106.07	0.00063
-98.99	42.43	0.00041	-91.92	35.36	0.00047
-84.85	28.28	0.00053	-77.78	21.21	0.00061
-70.71	14.14	0.00070	-63.64	7.07	0.00081
-56.57	0.00	0.00091	-49.50	-7.07	0.00101
-45.96	-10.61	0.00106	-42.43	-14.14	0.00111

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00114	-38.89	-17.68	0.00116
-37.48	-19.09	0.00117	-36.06	-20.51	0.00119
-34.65	-21.92	0.00121	-21.92	-34.65	0.00131
-20.51	-36.06	0.00131	-19.09	-37.48	0.00132
-17.68	-38.89	0.00132	-16.26	-40.31	0.00132
-14.14	-42.43	0.00132	-10.61	-45.96	0.00132
-7.07	-49.50	0.00131	0.00	-56.57	0.00127
7.07	-63.64	0.00119	14.14	-70.71	0.00108
21.21	-77.78	0.00097	28.28	-84.85	0.00085
35.36	-91.92	0.00074	42.43	-98.99	0.00064
-91.92	49.50	0.00043	-84.85	42.43	0.00049
-77.78	35.36	0.00056	-70.71	28.28	0.00065
-63.64	21.21	0.00075	-56.57	14.14	0.00087
-49.50	7.07	0.00100	-42.43	0.00	0.00114
-38.89	-3.54	0.00120	-35.36	-7.07	0.00125
-33.23	-9.19	0.00129	-31.82	-10.61	0.00131

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-30.41	-12.02	0.00134	-28.99	-13.44	0.00136
-27.58	-14.85	0.00139	-14.85	-27.58	0.00151
-13.44	-28.99	0.00152	-12.02	-30.41	0.00152
-10.61	-31.82	0.00152	-9.19	-33.23	0.00153
-7.07	-35.36	0.00153	-3.54	-38.89	0.00152
0.00	-42.43	0.00150	7.07	-49.50	0.00143
14.14	-56.57	0.00131	21.21	-63.64	0.00117
28.28	-70.71	0.00102	35.36	-77.78	0.00089
42.43	-84.85	0.00076	49.50	-91.92	0.00066
-84.85	56.57	0.00043	-77.78	49.50	0.00050
-70.71	42.43	0.00058	-63.64	35.36	0.00068
-56.57	28.28	0.00080	-49.50	21.21	0.00094
-42.43	14.14	0.00110	-35.36	7.07	0.00127
-31.82	3.54	0.00135	-28.28	0.00	0.00143
-26.16	-2.12	0.00147	-24.75	-3.54	0.00150
-23.33	-4.95	0.00154	-21.92	-6.36	0.00157
-20.51	-7.78	0.00160	-7.78	-20.51	0.00176
-6.36	-21.92	0.00177	-4.95	-23.33	0.00177
-3.54	-24.75	0.00178	-2.12	-26.16	0.00178
0.00	-28.28	0.00178	3.54	-31.82	0.00176
7.07	-35.36	0.00173	14.14	-42.43	0.00161
21.21	-49.50	0.00144	28.28	-56.57	0.00126
35.36	-63.64	0.00108	42.43	-70.71	0.00092
49.50	-77.78	0.00078	56.57	-84.85	0.00067

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00044	-70.71	56.57	0.00051
-63.64	49.50	0.00060	-56.57	42.43	0.00071
-49.50	35.36	0.00085	-42.43	28.28	0.00101
-35.36	21.21	0.00120	-28.28	14.14	0.00142
-24.75	10.61	0.00153	-21.21	7.07	0.00163
-19.09	4.95	0.00169	-17.68	3.54	0.00173
-16.26	2.12	0.00177	-14.85	0.71	0.00181
-13.44	-0.71	0.00185	-0.71	-13.44	0.00207
0.71	-14.85	0.00208	2.12	-16.26	0.00209
3.54	-17.68	0.00209	4.95	-19.09	0.00209

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

7.07	-21.21	0.00208	10.61	-24.75	0.00205
14.14	-28.28	0.00199	21.21	-35.36	0.00180
28.28	-42.43	0.00157	35.36	-49.50	0.00133
42.43	-56.57	0.00112	49.50	-63.64	0.00094
56.57	-70.71	0.00079	63.64	-77.78	0.00067
-70.71	70.71	0.00044	-63.64	63.64	0.00052
-56.57	56.57	0.00062	-49.50	49.50	0.00074
-42.43	42.43	0.00089	-35.36	35.36	0.00107
-28.28	28.28	0.00130	-21.21	21.21	0.00157
-17.68	17.68	0.00172	-14.14	14.14	0.00186
-12.02	12.02	0.00195	-10.61	10.61	0.00200
-9.19	9.19	0.00205	-7.78	7.78	0.00211
-6.36	6.36	0.00216	6.36	-6.36	0.00247
7.78	-7.78	0.00248	9.19	-9.19	0.00248
10.61	-10.61	0.00248	12.02	-12.02	0.00248
14.14	-14.14	0.00246	17.68	-17.68	0.00239
21.21	-21.21	0.00229	28.28	-28.28	0.00199
35.36	-35.36	0.00168	42.43	-42.43	0.00140
49.50	-49.50	0.00115	56.57	-56.57	0.00096
63.64	-63.64	0.00080	70.71	-70.71	0.00067
-63.64	77.78	0.00044	-56.57	70.71	0.00052
-49.50	63.64	0.00062	-42.43	56.57	0.00075
-35.36	49.50	0.00091	-28.28	42.43	0.00113
-21.21	35.36	0.00140	-14.14	28.28	0.00172
-10.61	24.75	0.00191	-7.07	21.21	0.00211
-4.95	19.09	0.00223	-3.54	17.68	0.00231
-2.12	16.26	0.00238	-0.71	14.85	0.00246
0.71	13.44	0.00253	13.44	0.71	0.00297
14.85	-0.71	0.00298	16.26	-2.12	0.00298
17.68	-3.54	0.00297	19.09	-4.95	0.00295

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00290	24.75	-10.61	0.00276
28.28	-14.14	0.00258	35.36	-21.21	0.00216
42.43	-28.28	0.00177	49.50	-35.36	0.00144
56.57	-42.43	0.00117	63.64	-49.50	0.00096

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

70.71	-56.57	0.00079	77.78	-63.64	0.00066
-56.57	84.85	0.00044	-49.50	77.78	0.00052
-42.43	70.71	0.00063	-35.36	63.64	0.00076
-28.28	56.57	0.00093	-21.21	49.50	0.00116
-14.14	42.43	0.00147	-7.07	35.36	0.00186
-3.54	31.82	0.00210	0.00	28.28	0.00235
2.12	26.16	0.00252	3.54	24.75	0.00263
4.95	23.33	0.00274	6.36	21.92	0.00285
7.78	20.51	0.00296	20.51	7.78	0.00361
21.92	6.36	0.00361	23.33	4.95	0.00359
24.75	3.54	0.00355	26.16	2.12	0.00349
28.28	0.00	0.00337	31.82	-3.54	0.00312
35.36	-7.07	0.00283	42.43	-14.14	0.00229
49.50	-21.21	0.00183	56.57	-28.28	0.00146
63.64	-35.36	0.00117	70.71	-42.43	0.00094
77.78	-49.50	0.00077	84.85	-56.57	0.00064
-49.50	91.92	0.00045	-42.43	84.85	0.00053
-35.36	77.78	0.00063	-28.28	70.71	0.00077
-21.21	63.64	0.00094	-14.14	56.57	0.00118
-7.07	49.50	0.00150	0.00	42.43	0.00195
3.54	38.89	0.00223	7.07	35.36	0.00255
9.19	33.23	0.00277	10.61	31.82	0.00293
12.02	30.41	0.00309	13.44	28.99	0.00326
14.85	27.58	0.00343	27.58	14.85	0.00442
28.99	13.44	0.00436	30.41	12.02	0.00426
31.82	10.61	0.00414	33.23	9.19	0.00400
35.36	7.07	0.00377	38.89	3.54	0.00339
42.43	0.00	0.00301	49.50	-7.07	0.00235
56.57	-14.14	0.00183	63.64	-21.21	0.00144
70.71	-28.28	0.00114	77.78	-35.36	0.00092
84.85	-42.43	0.00075	91.92	-49.50	0.00062
-42.43	98.99	0.00046	-35.36	91.92	0.00054
-28.28	84.85	0.00065	-21.21	77.78	0.00079
-14.14	70.71	0.00097	-7.07	63.64	0.00121
0.00	56.57	0.00153	7.07	49.50	0.00199
10.61	45.96	0.00230	14.14	42.43	0.00266

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 54

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00292	17.68	38.89	0.00311
19.09	37.48	0.00333	20.51	36.06	0.00359
21.92	34.65	0.00389	34.65	21.92	0.00525
36.06	20.51	0.00501	37.48	19.09	0.00476
38.89	17.68	0.00453	40.31	16.26	0.00430
42.43	14.14	0.00398	45.96	10.61	0.00349
49.50	7.07	0.00306	56.57	0.00	0.00234
63.64	-7.07	0.00180	70.71	-14.14	0.00140
77.78	-21.21	0.00110	84.85	-28.28	0.00088
91.92	-35.36	0.00072	98.99	-42.43	0.00060
-35.36	106.07	0.00047	-28.28	98.99	0.00056
-21.21	91.92	0.00067	-14.14	84.85	0.00081
-7.07	77.78	0.00100	0.00	70.71	0.00125
7.07	63.64	0.00160	14.14	56.57	0.00209
17.68	53.03	0.00242	21.21	49.50	0.00283
23.33	47.38	0.00314	24.75	45.96	0.00338
26.16	44.55	0.00367	27.58	43.13	0.00405
28.99	41.72	0.00457	41.72	28.99	0.00553
43.13	27.58	0.00518	44.55	26.16	0.00488
45.96	24.75	0.00461	47.38	23.33	0.00436
49.50	21.21	0.00400	53.03	17.68	0.00348
56.57	14.14	0.00302	63.64	7.07	0.00227
70.71	0.00	0.00173	77.78	-7.07	0.00133
84.85	-14.14	0.00105	91.92	-21.21	0.00084
98.99	-28.28	0.00069	106.07	-35.36	0.00057
-28.28	113.14	0.00049	-21.21	106.07	0.00058
-14.14	98.99	0.00070	-7.07	91.92	0.00085
0.00	84.85	0.00106	7.07	77.78	0.00134
14.14	70.71	0.00175	21.21	63.64	0.00239
24.75	60.10	0.00289	28.28	56.57	0.00361
30.41	54.45	0.00418	31.82	53.03	0.00463
33.23	51.62	0.00514	34.65	50.20	0.00572
36.06	48.79	0.00639	48.79	36.06	0.00564
50.20	34.65	0.00522	51.62	33.23	0.00487
53.03	31.82	0.00457	54.45	30.41	0.00429
56.57	28.28	0.00391	60.10	24.75	0.00336
63.64	21.21	0.00288	70.71	14.14	0.00214
77.78	7.07	0.00161	84.85	0.00	0.00124
91.92	-7.07	0.00098	98.99	-14.14	0.00078
106.07	-21.21	0.00064	113.14	-28.28	0.00053

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

17:43:25
 **MODELOPTS:
 PAGE 55
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00053	-14.14	113.14	0.00062
-7.07	106.07	0.00075	0.00	98.99	0.00092
7.07	91.92	0.00116	14.14	84.85	0.00152
21.21	77.78	0.00207	28.28	70.71	0.00302
31.82	67.18	0.00373	35.36	63.64	0.00463
37.48	61.52	0.00525	38.89	60.10	0.00570
40.31	58.69	0.00618	41.72	57.28	0.00670
43.13	55.86	0.00730	55.86	43.13	0.00570
57.28	41.72	0.00523	58.69	40.31	0.00484
60.10	38.89	0.00449	61.52	37.48	0.00418
63.64	35.36	0.00376	67.18	31.82	0.00317
70.71	28.28	0.00269	77.78	21.21	0.00196
84.85	14.14	0.00147	91.92	7.07	0.00113
98.99	0.00	0.00089	106.07	-7.07	0.00072
113.14	-14.14	0.00059	120.21	-21.21	0.00049
-14.14	127.28	0.00057	-7.07	120.21	0.00068
0.00	113.14	0.00083	7.07	106.07	0.00103
14.14	98.99	0.00133	21.21	91.92	0.00179
28.28	84.85	0.00251	35.36	77.78	0.00363
38.89	74.25	0.00436	42.43	70.71	0.00521
44.55	68.59	0.00579	45.96	67.18	0.00620
47.38	65.76	0.00665	48.79	64.35	0.00714
50.20	62.93	0.00768	62.93	50.20	0.00563
64.35	48.79	0.00512	65.76	47.38	0.00470
67.18	45.96	0.00432	68.59	44.55	0.00399
70.71	42.43	0.00355	74.25	38.89	0.00293
77.78	35.36	0.00245	84.85	28.28	0.00175
91.92	21.21	0.00131	98.99	14.14	0.00101
106.07	7.07	0.00080	113.14	0.00	0.00065
120.21	-7.07	0.00054	127.28	-14.14	0.00045
-7.07	134.35	0.00064	0.00	127.28	0.00076
7.07	120.21	0.00094	14.14	113.14	0.00119
21.21	106.07	0.00156	28.28	98.99	0.00210
35.36	91.92	0.00290	42.43	84.85	0.00400
45.96	81.32	0.00468	49.50	77.78	0.00547
51.62	75.66	0.00601	53.03	74.25	0.00639

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

54.45	72.83	0.00681	55.86	71.42	0.00726
57.28	70.00	0.00777	70.00	57.28	0.00540
71.42	55.86	0.00486	72.83	54.45	0.00442
74.25	53.03	0.00403	75.66	51.62	0.00369

1 *** ISCST3 - VERSION 02035 ***
 04/20/08
 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00324	81.32	45.96	0.00262
84.85	42.43	0.00216	91.92	35.36	0.00153
98.99	28.28	0.00115	106.07	21.21	0.00089
113.14	14.14	0.00071	120.21	7.07	0.00058
127.28	0.00	0.00048	134.35	-7.07	0.00041
0.00	141.42	0.00071	7.07	134.35	0.00087
14.14	127.28	0.00108	21.21	120.21	0.00138
28.28	113.14	0.00180	35.36	106.07	0.00238
42.43	98.99	0.00316	49.50	91.92	0.00420
53.03	88.39	0.00482	56.57	84.85	0.00554
58.69	82.73	0.00602	60.10	81.32	0.00638
61.52	79.90	0.00676	62.93	78.49	0.00717
64.35	77.07	0.00765	77.07	64.35	0.00500
78.49	62.93	0.00444	79.90	61.52	0.00398
81.32	60.10	0.00359	82.73	58.69	0.00325
84.85	56.57	0.00281	88.39	53.03	0.00225
91.92	49.50	0.00184	98.99	42.43	0.00131
106.07	35.36	0.00099	113.14	28.28	0.00078
120.21	21.21	0.00063	127.28	14.14	0.00052
134.35	7.07	0.00043	141.42	0.00	0.00037
7.07	148.49	0.00080	14.14	141.42	0.00098
21.21	134.35	0.00123	28.28	127.28	0.00157
35.36	120.21	0.00201	42.43	113.14	0.00260
49.50	106.07	0.00334	56.57	98.99	0.00428
60.10	95.46	0.00484	63.64	91.92	0.00549
65.76	89.80	0.00592	67.18	88.39	0.00623
68.59	86.97	0.00656	70.00	85.56	0.00692
71.42	84.15	0.00735	84.15	71.42	0.00439
85.56	70.00	0.00383	86.97	68.59	0.00338
88.39	67.18	0.00301	89.80	65.76	0.00270

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

91.92	63.64	0.00232	95.46	60.10	0.00186
98.99	56.57	0.00154	106.07	49.50	0.00111
113.14	42.43	0.00085	120.21	35.36	0.00068
127.28	28.28	0.00055	134.35	21.21	0.00046
141.42	14.14	0.00039	148.49	7.07	0.00034
14.14	155.56	0.00089	21.21	148.49	0.00110
28.28	141.42	0.00137	35.36	134.35	0.00172
42.43	127.28	0.00218	49.50	120.21	0.00275
56.57	113.14	0.00346	63.64	106.07	0.00432
67.18	102.53	0.00483	70.71	98.99	0.00540

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00576	74.25	95.46	0.00601
75.66	94.05	0.00628	77.07	92.63	0.00658
78.49	91.22	0.00693	91.22	78.49	0.00356
92.63	77.07	0.00305	94.05	75.66	0.00267
95.46	74.25	0.00237	96.87	72.83	0.00214
98.99	70.71	0.00186	102.53	67.18	0.00151
106.07	63.64	0.00127	113.14	56.57	0.00095
120.21	49.50	0.00074	127.28	42.43	0.00060
134.35	35.36	0.00049	141.42	28.28	0.00041
148.49	21.21	0.00035	155.56	14.14	0.00030
21.21	162.63	0.00097	28.28	155.56	0.00119
35.36	148.49	0.00148	42.43	141.42	0.00183
49.50	134.35	0.00228	56.57	127.28	0.00283
63.64	120.21	0.00351	70.71	113.14	0.00434
74.25	109.60	0.00482	77.78	106.07	0.00532
79.90	103.94	0.00563	81.32	102.53	0.00583
82.73	101.12	0.00604	84.15	99.70	0.00625
85.56	98.29	0.00649	98.29	85.56	0.00266
99.70	84.15	0.00233	101.12	82.73	0.00208
102.53	81.32	0.00189	103.94	79.90	0.00173
106.07	77.78	0.00154	109.60	74.25	0.00129
113.14	70.71	0.00110	120.21	63.64	0.00083
127.28	56.57	0.00066	134.35	49.50	0.00053
141.42	42.43	0.00044	148.49	35.36	0.00037

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

155.56	28.28	0.00031	162.63	21.21	0.00027
28.28	169.71	0.00105	35.36	162.63	0.00127
42.43	155.56	0.00156	49.50	148.49	0.00190
56.57	141.42	0.00233	63.64	134.35	0.00285
70.71	127.28	0.00348	77.78	120.21	0.00425
81.32	116.67	0.00468	84.85	113.14	0.00511
86.97	111.02	0.00537	88.39	109.60	0.00552
89.80	108.19	0.00564	91.22	106.77	0.00573
92.63	105.36	0.00573	105.36	92.63	0.00224
106.77	91.22	0.00202	108.19	89.80	0.00182
109.60	88.39	0.00166	111.02	86.97	0.00153
113.14	84.85	0.00136	116.67	81.32	0.00114
120.21	77.78	0.00097	127.28	70.71	0.00074
134.35	63.64	0.00058	141.42	56.57	0.00047
148.49	49.50	0.00039	155.56	42.43	0.00033
162.63	35.36	0.00028	169.71	28.28	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

17:43:25

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00111	42.43	169.71	0.00133
49.50	162.63	0.00160	56.57	155.56	0.00192
63.64	148.49	0.00231	70.71	141.42	0.00278
77.78	134.35	0.00333	84.85	127.28	0.00390
88.39	123.74	0.00414	91.92	120.21	0.00425
94.05	118.09	0.00422	95.46	116.67	0.00415
96.87	115.26	0.00405	98.29	113.84	0.00392
99.70	112.43	0.00376	112.43	99.70	0.00192
113.84	98.29	0.00177	115.26	96.87	0.00163
116.67	95.46	0.00150	118.09	94.05	0.00139
120.21	91.92	0.00124	123.74	88.39	0.00104
127.28	84.85	0.00089	134.35	77.78	0.00068
141.42	70.71	0.00054	148.49	63.64	0.00043
155.56	56.57	0.00036	162.63	49.50	0.00030
169.71	42.43	0.00026	176.78	35.36	0.00022
42.43	183.85	0.00114	49.50	176.78	0.00135
56.57	169.71	0.00160	63.64	162.63	0.00189
70.71	155.56	0.00223	77.78	148.49	0.00260

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

84.85	141.42	0.00296	91.92	134.35	0.00318
95.46	130.81	0.00317	98.99	127.28	0.00308
101.12	125.16	0.00299	102.53	123.74	0.00292
103.94	122.33	0.00283	105.36	120.92	0.00274
106.77	119.50	0.00264	119.50	106.77	0.00159
120.92	105.36	0.00149	122.33	103.94	0.00139
123.74	102.53	0.00130	125.16	101.12	0.00122
127.28	98.99	0.00111	130.81	95.46	0.00095
134.35	91.92	0.00082	141.42	84.85	0.00063
148.49	77.78	0.00050	155.56	70.71	0.00040
162.63	63.64	0.00033	169.71	56.57	0.00028
176.78	49.50	0.00024	183.85	42.43	0.00021
49.50	190.92	0.00115	56.57	183.85	0.00135
63.64	176.78	0.00156	70.71	169.71	0.00180
77.78	162.63	0.00205	84.85	155.56	0.00229
91.92	148.49	0.00244	98.99	141.42	0.00244
102.53	137.89	0.00238	106.07	134.35	0.00229
108.19	132.23	0.00222	109.60	130.81	0.00217
111.02	129.40	0.00211	112.43	127.99	0.00205
113.84	126.57	0.00198	126.57	113.84	0.00132
127.99	112.43	0.00124	129.40	111.02	0.00117
130.81	109.60	0.00111	132.23	108.19	0.00105

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00097	137.89	102.53	0.00085
141.42	98.99	0.00074	148.49	91.92	0.00059
155.56	84.85	0.00047	162.63	77.78	0.00038
169.71	70.71	0.00031	176.78	63.64	0.00026
183.85	56.57	0.00023	190.92	49.50	0.00020
56.57	197.99	0.00114	63.64	190.92	0.00131
70.71	183.85	0.00148	77.78	176.78	0.00165
84.85	169.71	0.00181	91.92	162.63	0.00192
98.99	155.56	0.00195	106.07	148.49	0.00190
109.60	144.96	0.00185	113.14	141.42	0.00178
115.26	139.30	0.00172	116.67	137.89	0.00168
118.09	136.47	0.00164	119.50	135.06	0.00159

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

120.92	133.64	0.00154	133.64	120.92	0.00110
135.06	119.50	0.00105	136.47	118.09	0.00100
137.89	116.67	0.00095	139.30	115.26	0.00090
141.42	113.14	0.00084	144.96	109.60	0.00075
148.49	106.07	0.00067	155.56	98.99	0.00054
162.63	91.92	0.00044	169.71	84.85	0.00036
176.78	77.78	0.00030	183.85	70.71	0.00025
190.92	63.64	0.00022	197.99	56.57	0.00019
63.64	205.06	0.00110	70.71	197.99	0.00123
77.78	190.92	0.00136	84.85	183.85	0.00147
91.92	176.78	0.00155	98.99	169.71	0.00159
106.07	162.63	0.00157	113.14	155.56	0.00152
116.67	152.03	0.00147	120.21	148.49	0.00142
122.33	146.37	0.00137	123.74	144.96	0.00134
125.16	143.54	0.00131	126.57	142.13	0.00127
127.99	140.71	0.00124	140.71	127.99	0.00093
142.13	126.57	0.00089	143.54	125.16	0.00085
144.96	123.74	0.00082	146.37	122.33	0.00078
148.49	120.21	0.00073	152.03	116.67	0.00066
155.56	113.14	0.00059	162.63	106.07	0.00049
169.71	98.99	0.00040	176.78	91.92	0.00034
183.85	84.85	0.00028	190.92	77.78	0.00024
197.99	70.71	0.00021	205.06	63.64	0.00018
70.71	212.13	0.00104	77.78	205.06	0.00113
84.85	197.99	0.00121	91.92	190.92	0.00128
98.99	183.85	0.00131	106.07	176.78	0.00131
113.14	169.71	0.00129	120.21	162.63	0.00124
123.74	159.10	0.00120	127.28	155.56	0.00115

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00112	130.81	152.03	0.00110
132.23	150.61	0.00107	133.64	149.20	0.00104
135.06	147.79	0.00102	147.79	135.06	0.00079
149.20	133.64	0.00076	150.61	132.23	0.00073
152.03	130.81	0.00071	153.44	129.40	0.00068
155.56	127.28	0.00064	159.10	123.74	0.00058

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

162.63	120.21	0.00053	169.71	113.14	0.00044
176.78	106.07	0.00037	183.85	98.99	0.00032
190.92	91.92	0.00027	197.99	84.85	0.00023
205.06	77.78	0.00020	212.13	70.71	0.00017
77.78	219.20	0.00096	84.85	212.13	0.00102
91.92	205.06	0.00107	98.99	197.99	0.00110
106.07	190.92	0.00111	113.14	183.85	0.00110
120.21	176.78	0.00108	127.28	169.71	0.00103
130.81	166.17	0.00100	134.35	162.63	0.00096
136.47	160.51	0.00093	137.89	159.10	0.00091
139.30	157.68	0.00089	140.71	156.27	0.00087
142.13	154.86	0.00085	154.86	142.13	0.00068
156.27	140.71	0.00066	157.68	139.30	0.00064
159.10	137.89	0.00062	160.51	136.47	0.00060
162.63	134.35	0.00056	166.17	130.81	0.00051
169.71	127.28	0.00047	176.78	120.21	0.00040
183.85	113.14	0.00034	190.92	106.07	0.00029
197.99	98.99	0.00025	205.06	91.92	0.00022
212.13	84.85	0.00019	219.20	77.78	0.00017
84.85	226.27	0.00087	91.92	219.20	0.00091
98.99	212.13	0.00093	106.07	205.06	0.00095
113.14	197.99	0.00094	120.21	190.92	0.00093
127.28	183.85	0.00091	134.35	176.78	0.00087
137.89	173.24	0.00084	141.42	169.71	0.00081
143.54	167.58	0.00078	144.96	166.17	0.00077
146.37	164.76	0.00075	147.79	163.34	0.00074
149.20	161.93	0.00072	161.93	149.20	0.00059
163.34	147.79	0.00057	164.76	146.37	0.00056
166.17	144.96	0.00054	167.58	143.54	0.00052
169.71	141.42	0.00050	173.24	137.89	0.00046
176.78	134.35	0.00042	183.85	127.28	0.00036
190.92	120.21	0.00031	197.99	113.14	0.00027
205.06	106.07	0.00024	212.13	98.99	0.00021
219.20	91.92	0.00018	226.27	84.85	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

91.92	233.35	0.00078	98.99	226.27	0.00080
106.07	219.20	0.00081	113.14	212.13	0.00082
120.21	205.06	0.00081	127.28	197.99	0.00080
134.35	190.92	0.00078	141.42	183.85	0.00074
144.96	180.31	0.00072	148.49	176.78	0.00069
150.61	174.66	0.00067	152.03	173.24	0.00066
153.44	171.83	0.00065	154.86	170.41	0.00063
156.27	169.00	0.00062	169.00	156.27	0.00051
170.41	154.86	0.00050	171.83	153.44	0.00049
173.24	152.03	0.00048	174.66	150.61	0.00046
176.78	148.49	0.00045	180.31	144.96	0.00041
183.85	141.42	0.00038	190.92	134.35	0.00033
197.99	127.28	0.00029	205.06	120.21	0.00025
212.13	113.14	0.00022	219.20	106.07	0.00019
226.27	98.99	0.00017	233.35	91.92	0.00015
98.99	240.42	0.00070	106.07	233.35	0.00071
113.14	226.27	0.00071	120.21	219.20	0.00071
127.28	212.13	0.00071	134.35	205.06	0.00070
141.42	197.99	0.00067	148.49	190.92	0.00064
152.03	187.38	0.00062	155.56	183.85	0.00059
157.68	181.73	0.00058	159.10	180.31	0.00057
160.51	178.90	0.00056	161.93	177.48	0.00055
163.34	176.07	0.00054	176.07	163.34	0.00045
177.48	161.93	0.00044	178.90	160.51	0.00043
180.31	159.10	0.00042	181.73	157.68	0.00041
183.85	155.56	0.00040	187.38	152.03	0.00037
190.92	148.49	0.00035	197.99	141.42	0.00030
205.06	134.35	0.00026	212.13	127.28	0.00024
219.20	120.21	0.00021	226.27	113.14	0.00018
233.35	106.07	0.00016	240.42	98.99	0.00014
106.07	247.49	0.00062	113.14	240.42	0.00063
120.21	233.35	0.00063	127.28	226.27	0.00063
134.35	219.20	0.00062	141.42	212.13	0.00061
148.49	205.06	0.00059	155.56	197.99	0.00056
159.10	194.45	0.00054	162.63	190.92	0.00052
164.76	188.80	0.00051	166.17	187.38	0.00050
167.58	185.97	0.00049	169.00	184.55	0.00048
170.41	183.14	0.00047	183.14	170.41	0.00040
184.55	169.00	0.00040	185.97	167.58	0.00039
187.38	166.17	0.00038	188.80	164.76	0.00037

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
190.92	162.63	0.00036	194.45	159.10	0.00034	
197.99	155.56	0.00031	205.06	148.49	0.00027	
212.13	141.42	0.00024	219.20	134.35	0.00022	
226.27	127.28	0.00020	233.35	120.21	0.00017	
240.42	113.14	0.00016	247.49	106.07	0.00014	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 17:43:25
 MODELOPTs: * Maximum train overlap at NE/SW Bound Direction ***
 PAGE 63
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-247.49	-106.07	0.00025	-240.42	-113.14	0.00026	
-233.35	-120.21	0.00028	-226.27	-127.28	0.00030	
-219.20	-134.35	0.00031	-212.13	-141.42	0.00032	
-205.06	-148.49	0.00034	-197.99	-155.56	0.00035	
-194.45	-159.10	0.00036	-190.92	-162.63	0.00037	
-188.80	-164.76	0.00037	-187.38	-166.17	0.00037	
-185.97	-167.58	0.00037	-184.55	-169.00	0.00038	
-183.14	-170.41	0.00038	-170.41	-183.14	0.00039	
-169.00	-184.55	0.00039	-167.58	-185.97	0.00039	
-166.17	-187.38	0.00040	-164.76	-188.80	0.00040	
-162.63	-190.92	0.00040	-159.10	-194.45	0.00040	
-155.56	-197.99	0.00040	-148.49	-205.06	0.00040	
-141.42	-212.13	0.00040	-134.35	-219.20	0.00040	
-127.28	-226.27	0.00039	-120.21	-233.35	0.00038	
-113.14	-240.42	0.00037	-106.07	-247.49	0.00036	
-240.42	-98.99	0.00026	-233.35	-106.07	0.00028	
-226.27	-113.14	0.00030	-219.20	-120.21	0.00031	
-212.13	-127.28	0.00033	-205.06	-134.35	0.00034	
-197.99	-141.42	0.00036	-190.92	-148.49	0.00038	
-187.38	-152.03	0.00038	-183.85	-155.56	0.00039	
-181.73	-157.68	0.00040	-180.31	-159.10	0.00040	
-178.90	-160.51	0.00040	-177.48	-161.93	0.00041	
-176.07	-163.34	0.00041	-163.34	-176.07	0.00042	

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-161.93	-177.48	0.00042	-160.51	-178.90	0.00043
-159.10	-180.31	0.00043	-157.68	-181.73	0.00043
-155.56	-183.85	0.00043	-152.03	-187.38	0.00043
-148.49	-190.92	0.00043	-141.42	-197.99	0.00043
-134.35	-205.06	0.00043	-127.28	-212.13	0.00043
-120.21	-219.20	0.00042	-113.14	-226.27	0.00041
-106.07	-233.35	0.00040	-98.99	-240.42	0.00038
-233.35	-91.92	0.00027	-226.27	-99.00	0.00029
-219.20	-106.07	0.00031	-212.13	-113.14	0.00033
-205.06	-120.21	0.00035	-197.99	-127.28	0.00037
-190.92	-134.35	0.00039	-183.85	-141.42	0.00040
-180.31	-144.96	0.00041	-176.78	-148.49	0.00042
-174.66	-150.61	0.00043	-173.24	-152.03	0.00043
-171.83	-153.44	0.00044	-170.41	-154.86	0.00044
-169.00	-156.27	0.00044	-156.27	-169.00	0.00046
-154.86	-170.41	0.00046	-153.44	-171.83	0.00046
-152.03	-173.24	0.00046	-150.61	-174.66	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25

**MODELOPTs:
 PAGE 64

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00046	-144.96	-180.31	0.00046
-141.42	-183.85	0.00046	-134.35	-190.92	0.00047
-127.28	-197.99	0.00046	-120.21	-205.06	0.00046
-113.14	-212.13	0.00045	-106.07	-219.20	0.00044
-98.99	-226.27	0.00043	-91.92	-233.35	0.00041
-226.27	-84.85	0.00028	-219.20	-91.92	0.00031
-212.13	-99.00	0.00033	-205.06	-106.07	0.00035
-197.99	-113.14	0.00038	-190.92	-120.21	0.00040
-183.85	-127.28	0.00042	-176.78	-134.35	0.00044
-173.24	-137.89	0.00045	-169.71	-141.42	0.00046
-167.58	-143.54	0.00046	-166.17	-144.96	0.00047
-164.76	-146.37	0.00047	-163.34	-147.79	0.00047
-161.93	-149.20	0.00048	-149.20	-161.93	0.00050
-147.79	-163.34	0.00050	-146.37	-164.76	0.00050
-144.96	-166.17	0.00050	-143.54	-167.58	0.00050
-141.42	-169.71	0.00050	-137.89	-173.24	0.00050
-134.35	-176.78	0.00050	-127.28	-183.85	0.00051

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-120.21	-190.92	0.00050	-113.14	-197.99	0.00050
-106.07	-205.06	0.00049	-98.99	-212.13	0.00047
-91.92	-219.20	0.00045	-84.85	-226.27	0.00043
-219.20	-77.78	0.00029	-212.13	-84.85	0.00032
-205.06	-91.92	0.00035	-197.99	-99.00	0.00038
-190.92	-106.07	0.00040	-183.85	-113.14	0.00043
-176.78	-120.21	0.00045	-169.71	-127.28	0.00047
-166.17	-130.81	0.00048	-162.63	-134.35	0.00050
-160.51	-136.47	0.00050	-159.10	-137.89	0.00051
-157.68	-139.30	0.00051	-156.27	-140.71	0.00052
-154.86	-142.13	0.00052	-142.13	-154.86	0.00054
-140.71	-156.27	0.00054	-139.30	-157.68	0.00055
-137.89	-159.10	0.00055	-136.47	-160.51	0.00055
-134.35	-162.63	0.00055	-130.81	-166.17	0.00055
-127.28	-169.71	0.00055	-120.21	-176.78	0.00055
-113.14	-183.85	0.00055	-106.07	-190.92	0.00054
-98.99	-197.99	0.00052	-91.92	-205.06	0.00051
-84.85	-212.13	0.00048	-77.78	-219.20	0.00046
-212.13	-70.71	0.00031	-205.06	-77.78	0.00034
-197.99	-84.85	0.00037	-190.92	-91.92	0.00040
-183.85	-98.99	0.00043	-176.78	-106.07	0.00046
-169.71	-113.14	0.00048	-162.63	-120.21	0.00051
-159.10	-123.74	0.00053	-155.56	-127.28	0.00054

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTS:
 PAGE 65

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00055	-152.03	-130.81	0.00055
-150.61	-132.23	0.00056	-149.20	-133.64	0.00056
-147.79	-135.06	0.00057	-135.06	-147.79	0.00059
-133.64	-149.20	0.00060	-132.23	-150.61	0.00060
-130.81	-152.03	0.00060	-129.40	-153.44	0.00060
-127.28	-155.56	0.00060	-123.74	-159.10	0.00060
-120.21	-162.63	0.00060	-113.14	-169.71	0.00060
-106.07	-176.78	0.00060	-98.99	-183.85	0.00058
-91.92	-190.92	0.00057	-84.85	-197.99	0.00054
-77.78	-205.06	0.00052	-70.71	-212.13	0.00048
-205.06	-63.64	0.00032	-197.99	-70.71	0.00035

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-190.92	-77.78	0.00039	-183.85	-84.85	0.00043
-176.78	-91.92	0.00046	-169.71	-98.99	0.00050
-162.63	-106.07	0.00053	-155.56	-113.14	0.00056
-152.03	-116.67	0.00057	-148.49	-120.21	0.00059
-146.37	-122.33	0.00060	-144.96	-123.74	0.00061
-143.54	-125.16	0.00061	-142.13	-126.57	0.00062
-140.71	-127.99	0.00062	-127.99	-140.71	0.00065
-126.57	-142.13	0.00065	-125.16	-143.54	0.00066
-123.74	-144.96	0.00066	-122.33	-146.37	0.00066
-120.21	-148.49	0.00066	-116.67	-152.03	0.00066
-113.14	-155.56	0.00066	-106.07	-162.63	0.00066
-98.99	-169.71	0.00065	-91.92	-176.78	0.00064
-84.85	-183.85	0.00061	-77.78	-190.92	0.00058
-70.71	-197.99	0.00055	-63.64	-205.06	0.00051
-197.99	-56.57	0.00034	-190.92	-63.64	0.00037
-183.85	-70.71	0.00041	-176.78	-77.78	0.00045
-169.71	-84.85	0.00050	-162.63	-91.92	0.00054
-155.56	-98.99	0.00057	-148.49	-106.07	0.00061
-144.96	-109.60	0.00063	-141.42	-113.14	0.00065
-139.30	-115.26	0.00066	-137.89	-116.67	0.00067
-136.47	-118.09	0.00067	-135.06	-119.50	0.00068
-133.64	-120.92	0.00069	-120.92	-133.64	0.00072
-119.50	-135.06	0.00072	-118.09	-136.47	0.00073
-116.67	-137.89	0.00073	-115.26	-139.30	0.00073
-113.14	-141.42	0.00073	-109.60	-144.96	0.00073
-106.07	-148.49	0.00073	-98.99	-155.56	0.00073
-91.92	-162.63	0.00072	-84.85	-169.71	0.00070
-77.78	-176.78	0.00067	-70.71	-183.85	0.00063
-63.64	-190.92	0.00058	-56.57	-197.99	0.00053

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTS:
 PAGE 66
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00035	-183.85	-56.57	0.00039
-176.78	-63.64	0.00043	-169.71	-70.71	0.00048
-162.63	-77.78	0.00053	-155.56	-84.85	0.00058
-148.49	-91.92	0.00063	-141.42	-98.99	0.00067
-137.89	-102.53	0.00069	-134.35	-106.07	0.00071

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-132.23	-108.19	0.00073	-130.81	-109.60	0.00074
-129.40	-111.02	0.00074	-127.99	-112.43	0.00075
-126.57	-113.84	0.00076	-113.84	-126.57	0.00080
-112.43	-127.99	0.00080	-111.02	-129.40	0.00081
-109.60	-130.81	0.00081	-108.19	-132.23	0.00081
-106.07	-134.35	0.00081	-102.53	-137.89	0.00081
-98.99	-141.42	0.00081	-91.92	-148.49	0.00081
-84.85	-155.56	0.00079	-77.78	-162.63	0.00076
-70.71	-169.71	0.00072	-63.64	-176.78	0.00067
-56.57	-183.85	0.00062	-49.50	-190.92	0.00056
-183.85	-42.43	0.00037	-176.78	-49.50	0.00041
-169.71	-56.57	0.00046	-162.63	-63.64	0.00051
-155.56	-70.71	0.00057	-148.49	-77.78	0.00063
-141.42	-84.85	0.00069	-134.35	-91.92	0.00074
-130.81	-95.46	0.00076	-127.28	-98.99	0.00079
-125.16	-101.12	0.00081	-123.74	-102.53	0.00082
-122.33	-103.94	0.00083	-120.92	-105.36	0.00084
-119.50	-106.77	0.00085	-106.77	-119.50	0.00090
-105.36	-120.92	0.00090	-103.94	-122.33	0.00090
-102.53	-123.74	0.00090	-101.12	-125.16	0.00091
-98.99	-127.28	0.00091	-95.46	-130.81	0.00091
-91.92	-134.35	0.00091	-84.85	-141.42	0.00090
-77.78	-148.49	0.00087	-70.71	-155.56	0.00083
-63.64	-162.63	0.00078	-56.57	-169.71	0.00072
-49.50	-176.78	0.00065	-42.43	-183.85	0.00058
-176.78	-35.36	0.00038	-169.71	-42.43	0.00043
-162.63	-49.50	0.00048	-155.56	-56.57	0.00054
-148.49	-63.64	0.00061	-141.42	-70.71	0.00069
-134.35	-77.78	0.00075	-127.28	-84.85	0.00082
-123.74	-88.39	0.00085	-120.21	-91.92	0.00088
-118.09	-94.05	0.00090	-116.67	-95.46	0.00091
-115.26	-96.87	0.00092	-113.84	-98.29	0.00094
-112.43	-99.70	0.00095	-99.70	-112.43	0.00101
-98.29	-113.84	0.00101	-96.87	-115.26	0.00102
-95.46	-116.67	0.00102	-94.05	-118.09	0.00102

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTS:
 PAGE 67

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00102	-88.39	-123.74	0.00102
-84.85	-127.28	0.00102	-77.78	-134.35	0.00100
-70.71	-141.42	0.00097	-63.64	-148.49	0.00091
-56.57	-155.56	0.00084	-49.50	-162.63	0.00076
-42.43	-169.71	0.00068	-35.36	-176.78	0.00061
-169.71	-28.28	0.00040	-162.63	-35.36	0.00045
-155.56	-42.43	0.00051	-148.49	-49.50	0.00058
-141.42	-56.57	0.00066	-134.35	-63.64	0.00074
-127.28	-70.71	0.00083	-120.21	-77.78	0.00091
-116.67	-81.32	0.00095	-113.14	-84.85	0.00098
-111.02	-86.97	0.00101	-109.60	-88.39	0.00102
-108.19	-89.80	0.00104	-106.77	-91.22	0.00105
-105.36	-92.63	0.00107	-92.63	-105.36	0.00115
-91.22	-106.77	0.00115	-89.80	-108.19	0.00115
-88.39	-109.60	0.00115	-86.97	-111.02	0.00116
-84.85	-113.14	0.00116	-81.32	-116.67	0.00116
-77.78	-120.21	0.00115	-70.71	-127.28	0.00113
-63.64	-134.35	0.00107	-56.57	-141.42	0.00100
-49.50	-148.49	0.00090	-42.43	-155.56	0.00081
-35.36	-162.63	0.00071	-28.28	-169.71	0.00063
-162.63	-21.21	0.00041	-155.56	-28.28	0.00047
-148.49	-35.36	0.00053	-141.42	-42.43	0.00061
-134.35	-49.50	0.00070	-127.28	-56.57	0.00081
-120.21	-63.64	0.00091	-113.14	-70.71	0.00101
-109.60	-74.25	0.00106	-106.07	-77.78	0.00111
-103.94	-79.90	0.00114	-102.53	-81.32	0.00116
-101.12	-82.73	0.00117	-99.70	-84.15	0.00119
-98.29	-85.56	0.00121	-85.56	-98.29	0.00131
-84.15	-99.70	0.00131	-82.73	-101.12	0.00132
-81.32	-102.53	0.00132	-79.90	-103.94	0.00132
-77.78	-106.07	0.00132	-74.25	-109.60	0.00132
-70.71	-113.14	0.00131	-63.64	-120.21	0.00127
-56.57	-127.28	0.00119	-49.50	-134.35	0.00108
-42.43	-141.42	0.00097	-35.36	-148.49	0.00085
-28.28	-155.56	0.00074	-21.21	-162.63	0.00064
-155.56	-14.14	0.00043	-148.49	-21.21	0.00049
-141.42	-28.28	0.00056	-134.35	-35.36	0.00065
-127.28	-42.43	0.00075	-120.21	-49.50	0.00087
-113.14	-56.57	0.00100	-106.07	-63.64	0.00114
-102.53	-67.18	0.00120	-98.99	-70.71	0.00125

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

17:43:25
**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00129	-95.46	-74.25	0.00131
-94.05	-75.66	0.00134	-92.63	-77.07	0.00136
-91.22	-78.49	0.00139	-78.49	-91.22	0.00151
-77.07	-92.63	0.00152	-75.66	-94.05	0.00152
-74.25	-95.46	0.00152	-72.83	-96.87	0.00153
-70.71	-98.99	0.00153	-67.18	-102.53	0.00152
-63.64	-106.07	0.00150	-56.57	-113.14	0.00143
-49.50	-120.21	0.00131	-42.43	-127.28	0.00117
-35.36	-134.35	0.00102	-28.28	-141.42	0.00089
-21.21	-148.49	0.00076	-14.14	-155.56	0.00066
-148.49	-7.07	0.00043	-141.42	-14.14	0.00050
-134.35	-21.21	0.00058	-127.28	-28.28	0.00068
-120.21	-35.36	0.00080	-113.14	-42.43	0.00094
-106.07	-49.50	0.00110	-98.99	-56.57	0.00127
-95.46	-60.10	0.00135	-91.92	-63.64	0.00143
-89.80	-65.76	0.00147	-88.39	-67.18	0.00150
-86.97	-68.59	0.00154	-85.56	-70.00	0.00157
-84.15	-71.42	0.00160	-71.42	-84.15	0.00176
-70.00	-85.56	0.00177	-68.59	-86.97	0.00177
-67.18	-88.39	0.00178	-65.76	-89.80	0.00178
-63.64	-91.92	0.00178	-60.10	-95.46	0.00176
-56.57	-98.99	0.00173	-49.50	-106.07	0.00161
-42.43	-113.14	0.00144	-35.36	-120.21	0.00126
-28.28	-127.28	0.00108	-21.21	-134.35	0.00092
-14.14	-141.42	0.00078	-7.07	-148.49	0.00067
-141.42	0.00	0.00044	-134.35	-7.07	0.00051
-127.28	-14.14	0.00060	-120.21	-21.21	0.00071
-113.14	-28.28	0.00085	-106.07	-35.36	0.00101
-98.99	-42.43	0.00120	-91.92	-49.50	0.00142
-88.39	-53.03	0.00153	-84.85	-56.57	0.00163
-82.73	-58.69	0.00169	-81.32	-60.10	0.00173
-79.90	-61.52	0.00177	-78.49	-62.93	0.00181
-77.07	-64.35	0.00185	-64.35	-77.07	0.00207
-62.93	-78.49	0.00208	-61.52	-79.90	0.00209
-60.10	-81.32	0.00209	-58.69	-82.73	0.00209
-56.57	-84.85	0.00208	-53.03	-88.39	0.00205
-49.50	-91.92	0.00199	-42.43	-98.99	0.00180

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	-106.07	0.00157	-28.28	-113.14	0.00133
-21.21	-120.21	0.00112	-14.14	-127.28	0.00094
-7.07	-134.35	0.00079	0.00	-141.42	0.00067

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00044	-127.28	0.00	0.00052
-120.21	-7.07	0.00062	-113.14	-14.14	0.00074
-106.07	-21.21	0.00089	-98.99	-28.28	0.00108
-91.92	-35.36	0.00130	-84.85	-42.43	0.00157
-81.32	-45.96	0.00172	-77.78	-49.50	0.00186
-75.66	-51.62	0.00195	-74.25	-53.03	0.00200
-72.83	-54.45	0.00205	-71.42	-55.86	0.00211
-70.00	-57.28	0.00216	-57.28	-70.00	0.00247
-55.86	-71.42	0.00248	-54.45	-72.83	0.00248
-53.03	-74.25	0.00248	-51.62	-75.66	0.00248
-49.50	-77.78	0.00246	-45.96	-81.32	0.00239
-42.43	-84.85	0.00229	-35.36	-91.92	0.00199
-28.28	-98.99	0.00168	-21.21	-106.07	0.00140
-14.14	-113.14	0.00115	-7.07	-120.21	0.00096
0.00	-127.28	0.00080	7.07	-134.35	0.00067
-127.28	14.14	0.00044	-120.21	7.07	0.00052
-113.14	0.00	0.00062	-106.07	-7.07	0.00075
-98.99	-14.14	0.00091	-91.92	-21.21	0.00113
-84.85	-28.28	0.00140	-77.78	-35.36	0.00172
-74.25	-38.89	0.00191	-70.71	-42.43	0.00211
-68.59	-44.55	0.00223	-67.18	-45.96	0.00231
-65.76	-47.38	0.00238	-64.35	-48.79	0.00246
-62.93	-50.20	0.00253	-50.20	-62.93	0.00297
-48.79	-64.35	0.00298	-47.38	-65.76	0.00298
-45.96	-67.18	0.00297	-44.55	-68.59	0.00295
-42.43	-70.71	0.00290	-38.89	-74.25	0.00276
-35.36	-77.78	0.00258	-28.28	-84.85	0.00216
-21.21	-91.92	0.00177	-14.14	-98.99	0.00144
-7.07	-106.07	0.00117	0.00	-113.14	0.00096
7.07	-120.21	0.00079	14.14	-127.28	0.00066
-120.21	21.21	0.00044	-113.14	14.14	0.00052

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-106.07	7.07	0.00063	-98.99	0.00	0.00076
-91.92	-7.07	0.00093	-84.85	-14.14	0.00116
-77.78	-21.21	0.00147	-70.71	-28.28	0.00186
-67.18	-31.82	0.00210	-63.64	-35.36	0.00235
-61.52	-37.48	0.00252	-60.10	-38.89	0.00263
-58.69	-40.31	0.00274	-57.28	-41.72	0.00285
-55.86	-43.13	0.00296	-43.13	-55.86	0.00361
-41.72	-57.28	0.00361	-40.31	-58.69	0.00359
-38.89	-60.10	0.00355	-37.48	-61.52	0.00349

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 70
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00337	-31.82	-67.18	0.00312
-28.28	-70.71	0.00283	-21.21	-77.78	0.00229
-14.14	-84.85	0.00183	-7.07	-91.92	0.00146
0.00	-98.99	0.00117	7.07	-106.07	0.00094
14.14	-113.14	0.00077	21.21	-120.21	0.00064
-113.14	28.28	0.00045	-106.07	21.21	0.00053
-98.99	14.14	0.00063	-91.92	7.07	0.00077
-84.85	0.00	0.00094	-77.78	-7.07	0.00118
-70.71	-14.14	0.00150	-63.64	-21.21	0.00195
-60.10	-24.75	0.00223	-56.57	-28.28	0.00255
-54.45	-30.41	0.00277	-53.03	-31.82	0.00293
-51.62	-33.23	0.00309	-50.20	-34.65	0.00326
-48.79	-36.06	0.00343	-36.06	-48.79	0.00442
-34.65	-50.20	0.00436	-33.23	-51.62	0.00426
-31.82	-53.03	0.00414	-30.41	-54.45	0.00400
-28.28	-56.57	0.00377	-24.75	-60.10	0.00339
-21.21	-63.64	0.00301	-14.14	-70.71	0.00235
-7.07	-77.78	0.00183	0.00	-84.85	0.00144
7.07	-91.92	0.00114	14.14	-98.99	0.00092
21.21	-106.07	0.00075	28.28	-113.14	0.00062
-106.07	35.36	0.00046	-98.99	28.28	0.00054
-91.92	21.21	0.00065	-84.85	14.14	0.00079
-77.78	7.07	0.00097	-70.71	0.00	0.00121
-63.64	-7.07	0.00153	-56.57	-14.14	0.00199
-53.03	-17.68	0.00230	-49.50	-21.21	0.00266

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-47.38	-23.33	0.00292	-45.96	-24.75	0.00311
-44.55	-26.16	0.00333	-43.13	-27.58	0.00359
-41.72	-28.99	0.00389	-28.99	-41.72	0.00525
-27.58	-43.13	0.00501	-26.16	-44.55	0.00476
-24.75	-45.96	0.00453	-23.33	-47.38	0.00430
-21.21	-49.50	0.00398	-17.68	-53.03	0.00349
-14.14	-56.57	0.00306	-7.07	-63.64	0.00234
0.00	-70.71	0.00180	7.07	-77.78	0.00140
14.14	-84.85	0.00110	21.21	-91.92	0.00088
28.28	-98.99	0.00072	35.36	-106.07	0.00060
-98.99	42.43	0.00047	-91.92	35.36	0.00056
-84.85	28.28	0.00067	-77.78	21.21	0.00081
-70.71	14.14	0.00100	-63.64	7.07	0.00125
-56.57	0.00	0.00160	-49.50	-7.07	0.00209
-45.96	-10.61	0.00242	-42.43	-14.14	0.00283

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 71
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00314	-38.89	-17.68	0.00338
-37.48	-19.09	0.00367	-36.06	-20.51	0.00405
-34.65	-21.92	0.00457	-21.92	-34.65	0.00553
-20.51	-36.06	0.00518	-19.09	-37.48	0.00488
-17.68	-38.89	0.00461	-16.26	-40.31	0.00436
-14.14	-42.43	0.00400	-10.61	-45.96	0.00348
-7.07	-49.50	0.00302	0.00	-56.57	0.00227
7.07	-63.64	0.00173	14.14	-70.71	0.00133
21.21	-77.78	0.00105	28.28	-84.85	0.00084
35.36	-91.92	0.00069	42.43	-98.99	0.00057
-91.92	49.50	0.00049	-84.85	42.43	0.00058
-77.78	35.36	0.00070	-70.71	28.28	0.00085
-63.64	21.21	0.00106	-56.57	14.14	0.00134
-49.50	7.07	0.00175	-42.43	0.00	0.00239
-38.89	-3.54	0.00289	-35.36	-7.07	0.00361
-33.23	-9.19	0.00418	-31.82	-10.61	0.00463
-30.41	-12.02	0.00514	-28.99	-13.44	0.00572
-27.58	-14.85	0.00639	-14.85	-27.58	0.00564
-13.44	-28.99	0.00522	-12.02	-30.41	0.00487

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-10.61	-31.82	0.00457	-9.19	-33.23	0.00429
-7.07	-35.36	0.00391	-3.54	-38.89	0.00336
0.00	-42.43	0.00288	7.07	-49.50	0.00214
14.14	-56.57	0.00161	21.21	-63.64	0.00124
28.28	-70.71	0.00098	35.36	-77.78	0.00078
42.43	-84.85	0.00064	49.50	-91.92	0.00053
-84.85	56.57	0.00053	-77.78	49.50	0.00062
-70.71	42.43	0.00075	-63.64	35.36	0.00092
-56.57	28.28	0.00116	-49.50	21.21	0.00152
-42.43	14.14	0.00207	-35.36	7.07	0.00302
-31.82	3.54	0.00373	-28.28	0.00	0.00463
-26.16	-2.12	0.00525	-24.75	-3.54	0.00570
-23.33	-4.95	0.00618	-21.92	-6.36	0.00670
-20.51	-7.78	0.00730	-7.78	-20.51	0.00570
-6.36	-21.92	0.00523	-4.95	-23.33	0.00484
-3.54	-24.75	0.00449	-2.12	-26.16	0.00418
0.00	-28.28	0.00376	3.54	-31.82	0.00317
7.07	-35.36	0.00269	14.14	-42.43	0.00196
21.21	-49.50	0.00147	28.28	-56.57	0.00113
35.36	-63.64	0.00089	42.43	-70.71	0.00072
49.50	-77.78	0.00059	56.57	-84.85	0.00049

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 72
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00057	-70.71	56.57	0.00068
-63.64	49.50	0.00083	-56.57	42.43	0.00103
-49.50	35.36	0.00133	-42.43	28.28	0.00179
-35.36	21.21	0.00251	-28.28	14.14	0.00363
-24.75	10.61	0.00436	-21.21	7.07	0.00521
-19.09	4.95	0.00579	-17.68	3.54	0.00620
-16.26	2.12	0.00665	-14.85	0.71	0.00714
-13.44	-0.71	0.00768	-0.71	-13.44	0.00563
0.71	-14.85	0.00512	2.12	-16.26	0.00470
3.54	-17.68	0.00432	4.95	-19.09	0.00399
7.07	-21.21	0.00355	10.61	-24.75	0.00293
14.14	-28.28	0.00245	21.21	-35.36	0.00175
28.28	-42.43	0.00131	35.36	-49.50	0.00101

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

42.43	-56.57	0.00080	49.50	-63.64	0.00065
56.57	-70.71	0.00054	63.64	-77.78	0.00045
-70.71	70.71	0.00064	-63.64	63.64	0.00076
-56.57	56.57	0.00094	-49.50	49.50	0.00119
-42.43	42.43	0.00156	-35.36	35.36	0.00210
-28.28	28.28	0.00290	-21.21	21.21	0.00400
-17.68	17.68	0.00468	-14.14	14.14	0.00547
-12.02	12.02	0.00601	-10.61	10.61	0.00639
-9.19	9.19	0.00681	-7.78	7.78	0.00726
-6.36	6.36	0.00777	6.36	-6.36	0.00540
7.78	-7.78	0.00486	9.19	-9.19	0.00442
10.61	-10.61	0.00403	12.02	-12.02	0.00369
14.14	-14.14	0.00324	17.68	-17.68	0.00262
21.21	-21.21	0.00216	28.28	-28.28	0.00153
35.36	-35.36	0.00115	42.43	-42.43	0.00089
49.50	-49.50	0.00071	56.57	-56.57	0.00058
63.64	-63.64	0.00048	70.71	-70.71	0.00041
-63.64	77.78	0.00071	-56.57	70.71	0.00087
-49.50	63.64	0.00108	-42.43	56.57	0.00138
-35.36	49.50	0.00180	-28.28	42.43	0.00238
-21.21	35.36	0.00316	-14.14	28.28	0.00420
-10.61	24.75	0.00482	-7.07	21.21	0.00554
-4.95	19.09	0.00602	-3.54	17.68	0.00638
-2.12	16.26	0.00676	-0.71	14.85	0.00717
0.71	13.44	0.00765	13.44	0.71	0.00499
14.85	-0.71	0.00444	16.26	-2.12	0.00398
17.68	-3.54	0.00359	19.09	-4.95	0.00325

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 73

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00281	24.75	-10.61	0.00225
28.28	-14.14	0.00184	35.36	-21.21	0.00131
42.43	-28.28	0.00099	49.50	-35.36	0.00078
56.57	-42.43	0.00063	63.64	-49.50	0.00052
70.71	-56.57	0.00043	77.78	-63.64	0.00037
-56.57	84.85	0.00080	-49.50	77.78	0.00098
-42.43	70.71	0.00123	-35.36	63.64	0.00157

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	56.57	0.00201	-21.21	49.50	0.00260
-14.14	42.43	0.00334	-7.07	35.36	0.00428
-3.54	31.82	0.00484	0.00	28.28	0.00549
2.12	26.16	0.00592	3.54	24.75	0.00623
4.95	23.33	0.00656	6.36	21.92	0.00692
7.78	20.51	0.00735	20.51	7.78	0.00439
21.92	6.36	0.00383	23.33	4.95	0.00338
24.75	3.54	0.00301	26.16	2.12	0.00270
28.28	0.00	0.00232	31.82	-3.54	0.00186
35.36	-7.07	0.00154	42.43	-14.14	0.00111
49.50	-21.21	0.00085	56.57	-28.28	0.00068
63.64	-35.36	0.00055	70.71	-42.43	0.00046
77.78	-49.50	0.00039	84.85	-56.57	0.00034
-49.50	91.92	0.00089	-42.43	84.85	0.00110
-35.36	77.78	0.00137	-28.28	70.71	0.00172
-21.21	63.64	0.00218	-14.14	56.57	0.00275
-7.07	49.50	0.00346	0.00	42.43	0.00432
3.54	38.89	0.00483	7.07	35.36	0.00540
9.19	33.23	0.00576	10.61	31.82	0.00601
12.02	30.41	0.00628	13.44	28.99	0.00658
14.85	27.58	0.00693	27.58	14.85	0.00356
28.99	13.44	0.00305	30.41	12.02	0.00267
31.82	10.61	0.00237	33.23	9.19	0.00214
35.36	7.07	0.00185	38.89	3.54	0.00151
42.43	0.00	0.00127	49.50	-7.07	0.00095
56.57	-14.14	0.00074	63.64	-21.21	0.00060
70.71	-28.28	0.00049	77.78	-35.36	0.00041
84.85	-42.43	0.00035	91.92	-49.50	0.00030
-42.43	98.99	0.00097	-35.36	91.92	0.00119
-28.28	84.85	0.00148	-21.21	77.78	0.00183
-14.14	70.71	0.00228	-7.07	63.64	0.00283
0.00	56.57	0.00351	7.07	49.50	0.00434
10.61	45.96	0.00482	14.14	42.43	0.00532

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 74
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00562	17.68	38.89	0.00583

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

19.09	37.48	0.00604	20.51	36.06	0.00625
21.92	34.65	0.00649	34.65	21.92	0.00266
36.06	20.51	0.00233	37.48	19.09	0.00208
38.89	17.68	0.00189	40.31	16.26	0.00173
42.43	14.14	0.00154	45.96	10.61	0.00129
49.50	7.07	0.00110	56.57	0.00	0.00083
63.64	-7.07	0.00066	70.71	-14.14	0.00053
77.78	-21.21	0.00044	84.85	-28.28	0.00037
91.92	-35.36	0.00031	98.99	-42.43	0.00027
-35.36	106.07	0.00105	-28.28	98.99	0.00127
-21.21	91.92	0.00156	-14.14	84.85	0.00190
-7.07	77.78	0.00233	0.00	70.71	0.00285
7.07	63.64	0.00348	14.14	56.57	0.00425
17.68	53.03	0.00468	21.21	49.50	0.00511
23.33	47.38	0.00537	24.75	45.96	0.00552
26.16	44.55	0.00564	27.58	43.13	0.00573
28.99	41.72	0.00573	41.72	28.99	0.00224
43.13	27.58	0.00202	44.55	26.16	0.00182
45.96	24.75	0.00166	47.38	23.33	0.00153
49.50	21.21	0.00136	53.03	17.68	0.00114
56.57	14.14	0.00097	63.64	7.07	0.00074
70.71	0.00	0.00058	77.78	-7.07	0.00047
84.85	-14.14	0.00039	91.92	-21.21	0.00033
98.99	-28.28	0.00028	106.07	-35.36	0.00025
-28.28	113.14	0.00111	-21.21	106.07	0.00133
-14.14	98.99	0.00160	-7.07	91.92	0.00192
0.00	84.85	0.00231	7.07	77.78	0.00278
14.14	70.71	0.00333	21.21	63.64	0.00390
24.75	60.10	0.00414	28.28	56.57	0.00425
30.41	54.45	0.00422	31.82	53.03	0.00415
33.23	51.62	0.00405	34.65	50.20	0.00392
36.06	48.79	0.00376	48.79	36.06	0.00192
50.20	34.65	0.00177	51.62	33.23	0.00163
53.03	31.82	0.00150	54.45	30.41	0.00139
56.57	28.28	0.00124	60.10	24.75	0.00104
63.64	21.21	0.00089	70.71	14.14	0.00068
77.78	7.07	0.00054	84.85	0.00	0.00043
91.92	-7.07	0.00036	98.99	-14.14	0.00030
106.07	-21.21	0.00026	113.14	-28.28	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-21.21	120.21	0.00114	-14.14	113.14	0.00135	
-7.07	106.07	0.00160	0.00	98.99	0.00189	
7.07	91.92	0.00223	14.14	84.85	0.00260	
21.21	77.78	0.00296	28.28	70.71	0.00318	
31.82	67.18	0.00317	35.36	63.64	0.00308	
37.48	61.52	0.00299	38.89	60.10	0.00292	
40.31	58.69	0.00283	41.72	57.28	0.00274	
43.13	55.86	0.00264	55.86	43.13	0.00159	
57.28	41.72	0.00149	58.69	40.31	0.00139	
60.10	38.89	0.00130	61.52	37.48	0.00122	
63.64	35.36	0.00111	67.18	31.82	0.00095	
70.71	28.28	0.00082	77.78	21.21	0.00063	
84.85	14.14	0.00050	91.92	7.07	0.00040	
98.99	0.00	0.00033	106.07	-7.07	0.00028	
113.14	-14.14	0.00024	120.21	-21.21	0.00021	
-14.14	127.28	0.00115	-7.07	120.21	0.00135	
0.00	113.14	0.00156	7.07	106.07	0.00180	
14.14	98.99	0.00205	21.21	91.92	0.00229	
28.28	84.85	0.00244	35.36	77.78	0.00244	
38.89	74.25	0.00238	42.43	70.71	0.00229	
44.55	68.59	0.00222	45.96	67.18	0.00217	
47.38	65.76	0.00211	48.79	64.35	0.00205	
50.20	62.93	0.00198	62.93	50.20	0.00132	
64.35	48.79	0.00124	65.76	47.38	0.00117	
67.18	45.96	0.00111	68.59	44.55	0.00105	
70.71	42.43	0.00097	74.25	38.89	0.00085	
77.78	35.36	0.00074	84.85	28.28	0.00059	
91.92	21.21	0.00047	98.99	14.14	0.00038	
106.07	7.07	0.00031	113.14	0.00	0.00026	
120.21	-7.07	0.00023	127.28	-14.14	0.00020	
-7.07	134.35	0.00114	0.00	127.28	0.00131	
7.07	120.21	0.00148	14.14	113.14	0.00165	
21.21	106.07	0.00181	28.28	98.99	0.00192	
35.36	91.92	0.00195	42.43	84.85	0.00190	
45.96	81.32	0.00185	49.50	77.78	0.00178	
51.62	75.66	0.00172	53.03	74.25	0.00168	
54.45	72.83	0.00164	55.86	71.42	0.00159	
57.28	70.00	0.00154	70.00	57.28	0.00110	
71.42	55.86	0.00105	72.83	54.45	0.00100	

74.25 53.03 0.00095 75.66 51.62 0.00090

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00084	81.32	45.96	0.00075
84.85	42.43	0.00067	91.92	35.36	0.00054
98.99	28.28	0.00044	106.07	21.21	0.00036
113.14	14.14	0.00030	120.21	7.07	0.00025
127.28	0.00	0.00022	134.35	-7.07	0.00019
0.00	141.42	0.00110	7.07	134.35	0.00123
14.14	127.28	0.00136	21.21	120.21	0.00147
28.28	113.14	0.00155	35.36	106.07	0.00159
42.43	98.99	0.00157	49.50	91.92	0.00152
53.03	88.39	0.00147	56.57	84.85	0.00142
58.69	82.73	0.00137	60.10	81.32	0.00134
61.52	79.90	0.00131	62.93	78.49	0.00127
64.35	77.07	0.00124	77.07	64.35	0.00093
78.49	62.93	0.00089	79.90	61.52	0.00085
81.32	60.10	0.00082	82.73	58.69	0.00078
84.85	56.57	0.00073	88.39	53.03	0.00066
91.92	49.50	0.00059	98.99	42.43	0.00049
106.07	35.36	0.00040	113.14	28.28	0.00034
120.21	21.21	0.00028	127.28	14.14	0.00024
134.35	7.07	0.00021	141.42	0.00	0.00018
7.07	148.49	0.00104	14.14	141.42	0.00113
21.21	134.35	0.00121	28.28	127.28	0.00128
35.36	120.21	0.00131	42.43	113.14	0.00131
49.50	106.07	0.00129	56.57	98.99	0.00124
60.10	95.46	0.00120	63.64	91.92	0.00115
65.76	89.80	0.00112	67.18	88.39	0.00110
68.59	86.97	0.00107	70.00	85.56	0.00104
71.42	84.15	0.00102	84.15	71.42	0.00079
85.56	70.00	0.00076	86.97	68.59	0.00073
88.39	67.18	0.00071	89.80	65.76	0.00068
91.92	63.64	0.00064	95.46	60.10	0.00058
98.99	56.57	0.00053	106.07	49.50	0.00044
113.14	42.43	0.00037	120.21	35.36	0.00032

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

127.28	28.28	0.00027	134.35	21.21	0.00023
141.42	14.14	0.00020	148.49	7.07	0.00017
14.14	155.56	0.00096	21.21	148.49	0.00102
28.28	141.42	0.00107	35.36	134.35	0.00110
42.43	127.28	0.00111	49.50	120.21	0.00110
56.57	113.14	0.00108	63.64	106.07	0.00103
67.18	102.53	0.00100	70.71	98.99	0.00096

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00093	74.25	95.46	0.00091
75.66	94.05	0.00089	77.07	92.63	0.00087
78.49	91.22	0.00085	91.22	78.49	0.00068
92.63	77.07	0.00066	94.05	75.66	0.00064
95.46	74.25	0.00062	96.87	72.83	0.00060
98.99	70.71	0.00056	102.53	67.18	0.00051
106.07	63.64	0.00047	113.14	56.57	0.00040
120.21	49.50	0.00034	127.28	42.43	0.00029
134.35	35.36	0.00025	141.42	28.28	0.00022
148.49	21.21	0.00019	155.56	14.14	0.00017
21.21	162.63	0.00087	28.28	155.56	0.00091
35.36	148.49	0.00093	42.43	141.42	0.00095
49.50	134.35	0.00094	56.57	127.28	0.00093
63.64	120.21	0.00091	70.71	113.14	0.00087
74.25	109.60	0.00084	77.78	106.07	0.00081
79.90	103.94	0.00078	81.32	102.53	0.00077
82.73	101.12	0.00075	84.15	99.70	0.00074
85.56	98.29	0.00072	98.29	85.56	0.00059
99.70	84.15	0.00057	101.12	82.73	0.00056
102.53	81.32	0.00054	103.94	79.90	0.00052
106.07	77.78	0.00050	109.60	74.25	0.00046
113.14	70.71	0.00042	120.21	63.64	0.00036
127.28	56.57	0.00031	134.35	49.50	0.00027
141.42	42.43	0.00024	148.49	35.36	0.00021
155.56	28.28	0.00018	162.63	21.21	0.00016
28.28	169.71	0.00078	35.36	162.63	0.00080
42.43	155.56	0.00081	49.50	148.49	0.00082

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

56.57	141.42	0.00081	63.64	134.35	0.00080
70.71	127.28	0.00078	77.78	120.21	0.00074
81.32	116.67	0.00072	84.85	113.14	0.00069
86.97	111.02	0.00067	88.39	109.60	0.00066
89.80	108.19	0.00065	91.22	106.77	0.00063
92.63	105.36	0.00062	105.36	92.63	0.00051
106.77	91.22	0.00050	108.19	89.80	0.00049
109.60	88.39	0.00048	111.02	86.97	0.00046
113.14	84.85	0.00045	116.67	81.32	0.00041
120.21	77.78	0.00038	127.28	70.71	0.00033
134.35	63.64	0.00029	141.42	56.57	0.00025
148.49	49.50	0.00022	155.56	42.43	0.00019
162.63	35.36	0.00017	169.71	28.28	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00070	42.43	169.71	0.00071
49.50	162.63	0.00071	56.57	155.56	0.00071
63.64	148.49	0.00071	70.71	141.42	0.00070
77.78	134.35	0.00067	84.85	127.28	0.00064
88.39	123.74	0.00062	91.92	120.21	0.00059
94.05	118.09	0.00058	95.46	116.67	0.00057
96.87	115.26	0.00056	98.29	113.84	0.00055
99.70	112.43	0.00054	112.43	99.70	0.00045
113.84	98.29	0.00044	115.26	96.87	0.00043
116.67	95.46	0.00042	118.09	94.05	0.00041
120.21	91.92	0.00040	123.74	88.39	0.00037
127.28	84.85	0.00035	134.35	77.78	0.00030
141.42	70.71	0.00026	148.49	63.64	0.00024
155.56	56.57	0.00021	162.63	49.50	0.00018
169.71	42.43	0.00016	176.78	35.36	0.00014
42.43	183.85	0.00062	49.50	176.78	0.00063
56.57	169.71	0.00063	63.64	162.63	0.00063
70.71	155.56	0.00062	77.78	148.49	0.00061
84.85	141.42	0.00059	91.92	134.35	0.00056
95.46	130.81	0.00054	98.99	127.28	0.00052
101.12	125.16	0.00051	102.53	123.74	0.00050

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

103.94	122.33	0.00049	105.36	120.92	0.00048
106.77	119.50	0.00047	119.50	106.77	0.00040
120.92	105.36	0.00040	122.33	103.94	0.00039
123.74	102.53	0.00038	125.16	101.12	0.00037
127.28	98.99	0.00036	130.81	95.46	0.00034
134.35	91.92	0.00031	141.42	84.85	0.00027
148.49	77.78	0.00024	155.56	70.71	0.00022
162.63	63.64	0.00020	169.71	56.57	0.00017
176.78	49.50	0.00016	183.85	42.43	0.00014
49.50	190.92	0.00056	56.57	183.85	0.00056
63.64	176.78	0.00056	70.71	169.71	0.00056
77.78	162.63	0.00055	84.85	155.56	0.00054
91.92	148.49	0.00052	98.99	141.42	0.00049
102.53	137.89	0.00047	106.07	134.35	0.00046
108.19	132.23	0.00045	109.60	130.81	0.00044
111.02	129.40	0.00043	112.43	127.99	0.00043
113.84	126.57	0.00042	126.57	113.84	0.00036
127.99	112.43	0.00035	129.40	111.02	0.00035
130.81	109.60	0.00034	132.23	108.19	0.00033

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00032	137.89	102.53	0.00031
141.42	98.99	0.00029	148.49	91.92	0.00025
155.56	84.85	0.00022	162.63	77.78	0.00020
169.71	70.71	0.00018	176.78	63.64	0.00016
183.85	56.57	0.00015	190.92	49.50	0.00013
56.57	197.99	0.00050	63.64	190.92	0.00050
70.71	183.85	0.00050	77.78	176.78	0.00050
84.85	169.71	0.00049	91.92	162.63	0.00047
98.99	155.56	0.00046	106.07	148.49	0.00043
109.60	144.96	0.00042	113.14	141.42	0.00040
115.26	139.30	0.00040	116.67	137.89	0.00039
118.09	136.47	0.00038	119.50	135.06	0.00038
120.92	133.64	0.00037	133.64	120.92	0.00032
135.06	119.50	0.00032	136.47	118.09	0.00031
137.89	116.67	0.00031	139.30	115.26	0.00030

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

141.42	113.14	0.00029	144.96	109.60	0.00028
148.49	106.07	0.00026	155.56	98.99	0.00023
162.63	91.92	0.00021	169.71	84.85	0.00019
176.78	77.78	0.00017	183.85	70.71	0.00016
190.92	63.64	0.00014	197.99	56.57	0.00013
63.64	205.06	0.00045	70.71	197.99	0.00045
77.78	190.92	0.00045	84.85	183.85	0.00044
91.92	176.78	0.00044	98.99	169.71	0.00042
106.07	162.63	0.00041	113.14	155.56	0.00039
116.67	152.03	0.00037	120.21	148.49	0.00036
122.33	146.37	0.00035	123.74	144.96	0.00035
125.16	143.54	0.00034	126.57	142.13	0.00034
127.99	140.71	0.00033	140.71	127.99	0.00029
142.13	126.57	0.00029	143.54	125.16	0.00028
144.96	123.74	0.00028	146.37	122.33	0.00028
148.49	120.21	0.00027	152.03	116.67	0.00026
155.56	113.14	0.00024	162.63	106.07	0.00022
169.71	98.99	0.00019	176.78	91.92	0.00017
183.85	84.85	0.00016	190.92	77.78	0.00015
197.99	70.71	0.00013	205.06	63.64	0.00012
70.71	212.13	0.00041	77.78	205.06	0.00041
84.85	197.99	0.00041	91.92	190.92	0.00040
98.99	183.85	0.00039	106.07	176.78	0.00038
113.14	169.71	0.00036	120.21	162.63	0.00035
123.74	159.10	0.00034	127.28	155.56	0.00033

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00032	130.81	152.03	0.00031
132.23	150.61	0.00031	133.64	149.20	0.00031
135.06	147.79	0.00030	147.79	135.06	0.00027
149.20	133.64	0.00026	150.61	132.23	0.00026
152.03	130.81	0.00026	153.44	129.40	0.00025
155.56	127.28	0.00025	159.10	123.74	0.00023
162.63	120.21	0.00022	169.71	113.14	0.00020
176.78	106.07	0.00018	183.85	98.99	0.00016
190.92	91.92	0.00015	197.99	84.85	0.00014

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

205.06	77.78	0.00013	212.13	70.71	0.00012
77.78	219.20	0.00037	84.85	212.13	0.00037
91.92	205.06	0.00037	98.99	197.99	0.00036
106.07	190.92	0.00035	113.14	183.85	0.00034
120.21	176.78	0.00033	127.28	169.71	0.00031
130.81	166.17	0.00030	134.35	162.63	0.00029
136.47	160.51	0.00029	137.89	159.10	0.00028
139.30	157.68	0.00028	140.71	156.27	0.00028
142.13	154.86	0.00027	154.86	142.13	0.00024
156.27	140.71	0.00024	157.68	139.30	0.00024
159.10	137.89	0.00023	160.51	136.47	0.00023
162.63	134.35	0.00023	166.17	130.81	0.00022
169.71	127.28	0.00021	176.78	120.21	0.00019
183.85	113.14	0.00017	190.92	106.07	0.00015
197.99	98.99	0.00014	205.06	91.92	0.00013
212.13	84.85	0.00012	219.20	77.78	0.00011
84.85	226.27	0.00034	91.92	219.20	0.00034
98.99	212.13	0.00033	106.07	205.06	0.00033
113.14	197.99	0.00032	120.21	190.92	0.00031
127.28	183.85	0.00030	134.35	176.78	0.00028
137.89	173.24	0.00028	141.42	169.71	0.00027
143.54	167.58	0.00026	144.96	166.17	0.00026
146.37	164.76	0.00026	147.79	163.34	0.00025
149.20	161.93	0.00025	161.93	149.20	0.00022
163.34	147.79	0.00022	164.76	146.37	0.00022
166.17	144.96	0.00022	167.58	143.54	0.00021
169.71	141.42	0.00021	173.24	137.89	0.00020
176.78	134.35	0.00019	183.85	127.28	0.00017
190.92	120.21	0.00016	197.99	113.14	0.00014
205.06	106.07	0.00013	212.13	98.99	0.00012
219.20	91.92	0.00011	226.27	84.85	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00031	98.99	226.27	0.00031
106.07	219.20	0.00031	113.14	212.13	0.00030
120.21	205.06	0.00029	127.28	197.99	0.00028

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

134.35	190.92	0.00027	141.42	183.85	0.00026
144.96	180.31	0.00025	148.49	176.78	0.00024
150.61	174.66	0.00024	152.03	173.24	0.00024
153.44	171.83	0.00023	154.86	170.41	0.00023
156.27	169.00	0.00023	169.00	156.27	0.00021
170.41	154.86	0.00020	171.83	153.44	0.00020
173.24	152.03	0.00020	174.66	150.61	0.00020
176.78	148.49	0.00019	180.31	144.96	0.00019
183.85	141.42	0.00018	190.92	134.35	0.00016
197.99	127.28	0.00015	205.06	120.21	0.00013
212.13	113.14	0.00012	219.20	106.07	0.00011
226.27	98.99	0.00011	233.35	91.92	0.00010
98.99	240.42	0.00029	106.07	233.35	0.00028
113.14	226.27	0.00028	120.21	219.20	0.00027
127.28	212.13	0.00027	134.35	205.06	0.00026
141.42	197.99	0.00025	148.49	190.92	0.00024
152.03	187.38	0.00023	155.56	183.85	0.00022
157.68	181.73	0.00022	159.10	180.31	0.00022
160.51	178.90	0.00022	161.93	177.48	0.00021
163.34	176.07	0.00021	176.07	163.34	0.00019
177.48	161.93	0.00019	178.90	160.51	0.00019
180.31	159.10	0.00018	181.73	157.68	0.00018
183.85	155.56	0.00018	187.38	152.03	0.00017
190.92	148.49	0.00017	197.99	141.42	0.00015
205.06	134.35	0.00014	212.13	127.28	0.00013
219.20	120.21	0.00012	226.27	113.14	0.00011
233.35	106.07	0.00010	240.42	98.99	0.00009
106.07	247.49	0.00026	113.14	240.42	0.00026
120.21	233.35	0.00026	127.28	226.27	0.00025
134.35	219.20	0.00025	141.42	212.13	0.00024
148.49	205.06	0.00023	155.56	197.99	0.00022
159.10	194.45	0.00021	162.63	190.92	0.00021
164.76	188.80	0.00020	166.17	187.38	0.00020
167.58	185.97	0.00020	169.00	184.55	0.00020
170.41	183.14	0.00019	183.14	170.41	0.00018
184.55	169.00	0.00017	185.97	167.58	0.00017
187.38	166.17	0.00017	188.80	164.76	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00017	194.45	159.10	0.00016
197.99	155.56	0.00016	205.06	148.49	0.00014
212.13	141.42	0.00013	219.20	134.35	0.00012
226.27	127.28	0.00011	233.35	120.21	0.00010
240.42	113.14	0.00010	247.49	106.07	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00037	-240.42	-113.14	0.00041
-233.35	-120.21	0.00046	-226.27	-127.28	0.00051
-219.20	-134.35	0.00057	-212.13	-141.42	0.00063
-205.06	-148.49	0.00069	-197.99	-155.56	0.00074
-194.45	-159.10	0.00076	-190.92	-162.63	0.00079
-188.80	-164.76	0.00081	-187.38	-166.17	0.00082
-185.97	-167.58	0.00083	-184.55	-169.00	0.00084
-183.14	-170.41	0.00085	-170.41	-183.14	0.00090
-169.00	-184.55	0.00090	-167.58	-185.97	0.00090
-166.17	-187.38	0.00090	-164.76	-188.80	0.00091
-162.63	-190.92	0.00091	-159.10	-194.45	0.00091
-155.56	-197.99	0.00091	-148.49	-205.06	0.00090
-141.42	-212.13	0.00087	-134.35	-219.20	0.00083
-127.28	-226.27	0.00078	-120.21	-233.35	0.00072
-113.14	-240.42	0.00065	-106.07	-247.49	0.00058
-240.42	-98.99	0.00038	-233.35	-106.07	0.00043
-226.27	-113.14	0.00048	-219.20	-120.21	0.00054
-212.13	-127.28	0.00061	-205.06	-134.35	0.00069
-197.99	-141.42	0.00075	-190.92	-148.49	0.00082
-187.38	-152.03	0.00085	-183.85	-155.56	0.00088
-181.73	-157.68	0.00090	-180.31	-159.10	0.00091
-178.90	-160.51	0.00092	-177.48	-161.93	0.00094
-176.07	-163.34	0.00095	-163.34	-176.07	0.00101
-161.93	-177.48	0.00101	-160.51	-178.90	0.00102
-159.10	-180.31	0.00102	-157.68	-181.73	0.00102
-155.56	-183.85	0.00102	-152.03	-187.38	0.00102

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-148.49	-190.92	0.00102	-141.42	-197.99	0.00100
-134.35	-205.06	0.00097	-127.28	-212.13	0.00091
-120.21	-219.20	0.00084	-113.14	-226.27	0.00076
-106.07	-233.35	0.00068	-98.99	-240.42	0.00061
-233.35	-91.92	0.00040	-226.27	-99.00	0.00045
-219.20	-106.07	0.00051	-212.13	-113.14	0.00058
-205.06	-120.21	0.00066	-197.99	-127.28	0.00074
-190.92	-134.35	0.00083	-183.85	-141.42	0.00091
-180.31	-144.96	0.00095	-176.78	-148.49	0.00098
-174.66	-150.61	0.00101	-173.24	-152.03	0.00102
-171.83	-153.44	0.00104	-170.41	-154.86	0.00105
-169.00	-156.27	0.00107	-156.27	-169.00	0.00115
-154.86	-170.41	0.00115	-153.44	-171.83	0.00115
-152.03	-173.24	0.00115	-150.61	-174.66	0.00116

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00116	-144.96	-180.31	0.00116
-141.42	-183.85	0.00115	-134.35	-190.92	0.00113
-127.28	-197.99	0.00107	-120.21	-205.06	0.00100
-113.14	-212.13	0.00090	-106.07	-219.20	0.00081
-98.99	-226.27	0.00071	-91.92	-233.35	0.00063
-226.27	-84.85	0.00041	-219.20	-91.92	0.00047
-212.13	-99.00	0.00053	-205.06	-106.07	0.00061
-197.99	-113.14	0.00070	-190.92	-120.21	0.00081
-183.85	-127.28	0.00091	-176.78	-134.35	0.00101
-173.24	-137.89	0.00106	-169.71	-141.42	0.00111
-167.58	-143.54	0.00114	-166.17	-144.96	0.00116
-164.76	-146.37	0.00117	-163.34	-147.79	0.00119
-161.93	-149.20	0.00121	-149.20	-161.93	0.00131
-147.79	-163.34	0.00131	-146.37	-164.76	0.00132
-144.96	-166.17	0.00132	-143.54	-167.58	0.00132
-141.42	-169.71	0.00132	-137.89	-173.24	0.00132
-134.35	-176.78	0.00131	-127.28	-183.85	0.00127
-120.21	-190.92	0.00119	-113.14	-197.99	0.00108
-106.07	-205.06	0.00097	-98.99	-212.13	0.00085
-91.92	-219.20	0.00074	-84.85	-226.27	0.00064

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-219.20	-77.78	0.00043	-212.13	-84.85	0.00049
-205.06	-91.92	0.00056	-197.99	-99.00	0.00065
-190.92	-106.07	0.00075	-183.85	-113.14	0.00087
-176.78	-120.21	0.00100	-169.71	-127.28	0.00114
-166.17	-130.81	0.00120	-162.63	-134.35	0.00125
-160.51	-136.47	0.00129	-159.10	-137.89	0.00131
-157.68	-139.30	0.00134	-156.27	-140.71	0.00136
-154.86	-142.13	0.00139	-142.13	-154.86	0.00151
-140.71	-156.27	0.00152	-139.30	-157.68	0.00152
-137.89	-159.10	0.00152	-136.47	-160.51	0.00153
-134.35	-162.63	0.00153	-130.81	-166.17	0.00152
-127.28	-169.71	0.00150	-120.21	-176.78	0.00143
-113.14	-183.85	0.00131	-106.07	-190.92	0.00117
-98.99	-197.99	0.00102	-91.92	-205.06	0.00089
-84.85	-212.13	0.00076	-77.78	-219.20	0.00066
-212.13	-70.71	0.00043	-205.06	-77.78	0.00050
-197.99	-84.85	0.00058	-190.92	-91.92	0.00068
-183.85	-98.99	0.00080	-176.78	-106.07	0.00094
-169.71	-113.14	0.00110	-162.63	-120.21	0.00127
-159.10	-123.74	0.00135	-155.56	-127.28	0.00143

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00147	-152.03	-130.81	0.00150
-150.61	-132.23	0.00154	-149.20	-133.64	0.00157
-147.79	-135.06	0.00160	-135.06	-147.79	0.00176
-133.64	-149.20	0.00177	-132.23	-150.61	0.00177
-130.81	-152.03	0.00178	-129.40	-153.44	0.00178
-127.28	-155.56	0.00178	-123.74	-159.10	0.00176
-120.21	-162.63	0.00173	-113.14	-169.71	0.00161
-106.07	-176.78	0.00144	-98.99	-183.85	0.00126
-91.92	-190.92	0.00108	-84.85	-197.99	0.00092
-77.78	-205.06	0.00078	-70.71	-212.13	0.00067
-205.06	-63.64	0.00044	-197.99	-70.71	0.00051
-190.92	-77.78	0.00060	-183.85	-84.85	0.00071
-176.78	-91.92	0.00085	-169.71	-98.99	0.00101
-162.63	-106.07	0.00120	-155.56	-113.14	0.00142

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-152.03	-116.67	0.00153	-148.49	-120.21	0.00163
-146.37	-122.33	0.00169	-144.96	-123.74	0.00173
-143.54	-125.16	0.00177	-142.13	-126.57	0.00181
-140.71	-127.99	0.00185	-127.99	-140.71	0.00207
-126.57	-142.13	0.00208	-125.16	-143.54	0.00209
-123.74	-144.96	0.00209	-122.33	-146.37	0.00209
-120.21	-148.49	0.00208	-116.67	-152.03	0.00205
-113.14	-155.56	0.00199	-106.07	-162.63	0.00180
-98.99	-169.71	0.00157	-91.92	-176.78	0.00133
-84.85	-183.85	0.00112	-77.78	-190.92	0.00094
-70.71	-197.99	0.00079	-63.64	-205.06	0.00067
-197.99	-56.57	0.00044	-190.92	-63.64	0.00052
-183.85	-70.71	0.00062	-176.78	-77.78	0.00074
-169.71	-84.85	0.00089	-162.63	-91.92	0.00108
-155.56	-98.99	0.00130	-148.49	-106.07	0.00157
-144.96	-109.60	0.00172	-141.42	-113.14	0.00186
-139.30	-115.26	0.00195	-137.89	-116.67	0.00200
-136.47	-118.09	0.00205	-135.06	-119.50	0.00211
-133.64	-120.92	0.00216	-120.92	-133.64	0.00247
-119.50	-135.06	0.00248	-118.09	-136.47	0.00248
-116.67	-137.89	0.00248	-115.26	-139.30	0.00248
-113.14	-141.42	0.00246	-109.60	-144.96	0.00239
-106.07	-148.49	0.00229	-98.99	-155.56	0.00199
-91.92	-162.63	0.00168	-84.85	-169.71	0.00140
-77.78	-176.78	0.00115	-70.71	-183.85	0.00096
-63.64	-190.92	0.00080	-56.57	-197.99	0.00067

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00044	-183.85	-56.57	0.00052
-176.78	-63.64	0.00062	-169.71	-70.71	0.00075
-162.63	-77.78	0.00091	-155.56	-84.85	0.00113
-148.49	-91.92	0.00140	-141.42	-98.99	0.00172
-137.89	-102.53	0.00191	-134.35	-106.07	0.00211
-132.23	-108.19	0.00223	-130.81	-109.60	0.00231
-129.40	-111.02	0.00238	-127.99	-112.43	0.00246
-126.57	-113.84	0.00253	-113.84	-126.57	0.00297

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-112.43	-127.99	0.00298	-111.02	-129.40	0.00298
-109.60	-130.81	0.00297	-108.19	-132.23	0.00295
-106.07	-134.35	0.00290	-102.53	-137.89	0.00276
-98.99	-141.42	0.00258	-91.92	-148.49	0.00216
-84.85	-155.56	0.00177	-77.78	-162.63	0.00144
-70.71	-169.71	0.00117	-63.64	-176.78	0.00096
-56.57	-183.85	0.00079	-49.50	-190.92	0.00066
-183.85	-42.43	0.00044	-176.78	-49.50	0.00052
-169.71	-56.57	0.00063	-162.63	-63.64	0.00076
-155.56	-70.71	0.00093	-148.49	-77.78	0.00116
-141.42	-84.85	0.00147	-134.35	-91.92	0.00186
-130.81	-95.46	0.00210	-127.28	-98.99	0.00235
-125.16	-101.12	0.00252	-123.74	-102.53	0.00263
-122.33	-103.94	0.00274	-120.92	-105.36	0.00285
-119.50	-106.77	0.00296	-106.77	-119.50	0.00361
-105.36	-120.92	0.00361	-103.94	-122.33	0.00359
-102.53	-123.74	0.00355	-101.12	-125.16	0.00349
-98.99	-127.28	0.00337	-95.46	-130.81	0.00312
-91.92	-134.35	0.00283	-84.85	-141.42	0.00229
-77.78	-148.49	0.00183	-70.71	-155.56	0.00146
-63.64	-162.63	0.00117	-56.57	-169.71	0.00094
-49.50	-176.78	0.00077	-42.43	-183.85	0.00064
-176.78	-35.36	0.00045	-169.71	-42.43	0.00053
-162.63	-49.50	0.00063	-155.56	-56.57	0.00077
-148.49	-63.64	0.00094	-141.42	-70.71	0.00118
-134.35	-77.78	0.00150	-127.28	-84.85	0.00195
-123.74	-88.39	0.00223	-120.21	-91.92	0.00255
-118.09	-94.05	0.00277	-116.67	-95.46	0.00293
-115.26	-96.87	0.00309	-113.84	-98.29	0.00326
-112.43	-99.70	0.00343	-99.70	-112.43	0.00442
-98.29	-113.84	0.00436	-96.87	-115.26	0.00426
-95.46	-116.67	0.00414	-94.05	-118.09	0.00400

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00377	-88.39	-123.74	0.00339
-84.85	-127.28	0.00301	-77.78	-134.35	0.00235

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-70.71	-141.42	0.00183	-63.64	-148.49	0.00144
-56.57	-155.56	0.00114	-49.50	-162.63	0.00092
-42.43	-169.71	0.00075	-35.36	-176.78	0.00062
-169.71	-28.28	0.00046	-162.63	-35.36	0.00054
-155.56	-42.43	0.00065	-148.49	-49.50	0.00079
-141.42	-56.57	0.00097	-134.35	-63.64	0.00121
-127.28	-70.71	0.00153	-120.21	-77.78	0.00199
-116.67	-81.32	0.00230	-113.14	-84.85	0.00266
-111.02	-86.97	0.00292	-109.60	-88.39	0.00311
-108.19	-89.80	0.00333	-106.77	-91.22	0.00359
-105.36	-92.63	0.00389	-92.63	-105.36	0.00525
-91.22	-106.77	0.00501	-89.80	-108.19	0.00476
-88.39	-109.60	0.00453	-86.97	-111.02	0.00430
-84.85	-113.14	0.00398	-81.32	-116.67	0.00349
-77.78	-120.21	0.00306	-70.71	-127.28	0.00234
-63.64	-134.35	0.00180	-56.57	-141.42	0.00140
-49.50	-148.49	0.00110	-42.43	-155.56	0.00088
-35.36	-162.63	0.00072	-28.28	-169.71	0.00060
-162.63	-21.21	0.00047	-155.56	-28.28	0.00056
-148.49	-35.36	0.00067	-141.42	-42.43	0.00081
-134.35	-49.50	0.00100	-127.28	-56.57	0.00125
-120.21	-63.64	0.00160	-113.14	-70.71	0.00209
-109.60	-74.25	0.00242	-106.07	-77.78	0.00283
-103.94	-79.90	0.00314	-102.53	-81.32	0.00338
-101.12	-82.73	0.00367	-99.70	-84.15	0.00405
-98.29	-85.56	0.00457	-85.56	-98.29	0.00553
-84.15	-99.70	0.00518	-82.73	-101.12	0.00488
-81.32	-102.53	0.00461	-79.90	-103.94	0.00436
-77.78	-106.07	0.00400	-74.25	-109.60	0.00348
-70.71	-113.14	0.00302	-63.64	-120.21	0.00227
-56.57	-127.28	0.00173	-49.50	-134.35	0.00133
-42.43	-141.42	0.00105	-35.36	-148.49	0.00084
-28.28	-155.56	0.00069	-21.21	-162.63	0.00057
-155.56	-14.14	0.00049	-148.49	-21.21	0.00058
-141.42	-28.28	0.00070	-134.35	-35.36	0.00085
-127.28	-42.43	0.00106	-120.21	-49.50	0.00134
-113.14	-56.57	0.00175	-106.07	-63.64	0.00239
-102.53	-67.18	0.00289	-98.99	-70.71	0.00361

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-96.87	-72.83	0.00418	-95.46	-74.25	0.00463	
-94.05	-75.66	0.00514	-92.63	-77.07	0.00572	
-91.22	-78.49	0.00639	-78.49	-91.22	0.00564	
-77.07	-92.63	0.00522	-75.66	-94.05	0.00487	
-74.25	-95.46	0.00457	-72.83	-96.87	0.00429	
-70.71	-98.99	0.00391	-67.18	-102.53	0.00336	
-63.64	-106.07	0.00288	-56.57	-113.14	0.00214	
-49.50	-120.21	0.00161	-42.43	-127.28	0.00124	
-35.36	-134.35	0.00098	-28.28	-141.42	0.00078	
-21.21	-148.49	0.00064	-14.14	-155.56	0.00053	
-148.49	-7.07	0.00053	-141.42	-14.14	0.00062	
-134.35	-21.21	0.00075	-127.28	-28.28	0.00092	
-120.21	-35.36	0.00116	-113.14	-42.43	0.00152	
-106.07	-49.50	0.00207	-98.99	-56.57	0.00302	
-95.46	-60.10	0.00373	-91.92	-63.64	0.00463	
-89.80	-65.76	0.00525	-88.39	-67.18	0.00570	
-86.97	-68.59	0.00618	-85.56	-70.00	0.00670	
-84.15	-71.42	0.00730	-71.42	-84.15	0.00570	
-70.00	-85.56	0.00523	-68.59	-86.97	0.00484	
-67.18	-88.39	0.00449	-65.76	-89.80	0.00418	
-63.64	-91.92	0.00376	-60.10	-95.46	0.00317	
-56.57	-98.99	0.00269	-49.50	-106.07	0.00196	
-42.43	-113.14	0.00147	-35.36	-120.21	0.00113	
-28.28	-127.28	0.00089	-21.21	-134.35	0.00072	
-14.14	-141.42	0.00059	-7.07	-148.49	0.00049	
-141.42	0.00	0.00057	-134.35	-7.07	0.00068	
-127.28	-14.14	0.00083	-120.21	-21.21	0.00103	
-113.14	-28.28	0.00133	-106.07	-35.36	0.00179	
-98.99	-42.43	0.00251	-91.92	-49.50	0.00363	
-88.39	-53.03	0.00436	-84.85	-56.57	0.00521	
-82.73	-58.69	0.00579	-81.32	-60.10	0.00620	
-79.90	-61.52	0.00665	-78.49	-62.93	0.00714	
-77.07	-64.35	0.00769	-64.35	-77.07	0.00563	
-62.93	-78.49	0.00512	-61.52	-79.90	0.00470	
-60.10	-81.32	0.00432	-58.69	-82.73	0.00399	
-56.57	-84.85	0.00355	-53.03	-88.39	0.00293	
-49.50	-91.92	0.00245	-42.43	-98.99	0.00175	
-35.36	-106.07	0.00131	-28.28	-113.14	0.00101	
-21.21	-120.21	0.00080	-14.14	-127.28	0.00065	
-7.07	-134.35	0.00054	0.00	-141.42	0.00045	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

17:43:25

**MODELOPTS:

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*** Maximum train overlap at NE/SW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00064	-127.28	0.00	0.00076
-120.21	-7.07	0.00094	-113.14	-14.14	0.00119
-106.07	-21.21	0.00156	-98.99	-28.28	0.00210
-91.92	-35.36	0.00290	-84.85	-42.43	0.00400
-81.32	-45.96	0.00468	-77.78	-49.50	0.00547
-75.66	-51.62	0.00601	-74.25	-53.03	0.00639
-72.83	-54.45	0.00681	-71.42	-55.86	0.00726
-70.00	-57.28	0.00777	-57.28	-70.00	0.00540
-55.86	-71.42	0.00486	-54.45	-72.83	0.00442
-53.03	-74.25	0.00403	-51.62	-75.66	0.00369
-49.50	-77.78	0.00324	-45.96	-81.32	0.00262
-42.43	-84.85	0.00216	-35.36	-91.92	0.00153
-28.28	-98.99	0.00115	-21.21	-106.07	0.00089
-14.14	-113.14	0.00071	-7.07	-120.21	0.00058
0.00	-127.28	0.00048	7.07	-134.35	0.00041
-127.28	14.14	0.00071	-120.21	7.07	0.00087
-113.14	0.00	0.00108	-106.07	-7.07	0.00138
-98.99	-14.14	0.00180	-91.92	-21.21	0.00238
-84.85	-28.28	0.00316	-77.78	-35.36	0.00420
-74.25	-38.89	0.00482	-70.71	-42.43	0.00554
-68.59	-44.55	0.00602	-67.18	-45.96	0.00638
-65.76	-47.38	0.00676	-64.35	-48.79	0.00717
-62.93	-50.20	0.00765	-50.20	-62.93	0.00499
-48.79	-64.35	0.00444	-47.38	-65.76	0.00398
-45.96	-67.18	0.00359	-44.55	-68.59	0.00325
-42.43	-70.71	0.00281	-38.89	-74.25	0.00225
-35.36	-77.78	0.00184	-28.28	-84.85	0.00131
-21.21	-91.92	0.00099	-14.14	-98.99	0.00078
-7.07	-106.07	0.00063	0.00	-113.14	0.00052
7.07	-120.21	0.00043	14.14	-127.28	0.00037
-120.21	21.21	0.00080	-113.14	14.14	0.00098
-106.07	7.07	0.00123	-98.99	0.00	0.00157
-91.92	-7.07	0.00201	-84.85	-14.14	0.00260
-77.78	-21.21	0.00334	-70.71	-28.28	0.00428

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-67.18	-31.82	0.00484	-63.64	-35.36	0.00549
-61.52	-37.48	0.00592	-60.10	-38.89	0.00623
-58.69	-40.31	0.00656	-57.28	-41.72	0.00692
-55.86	-43.13	0.00735	-43.13	-55.86	0.00439
-41.72	-57.28	0.00383	-40.31	-58.69	0.00338
-38.89	-60.10	0.00301	-37.48	-61.52	0.00270

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 90
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00232	-31.82	-67.18	0.00186
-28.28	-70.71	0.00154	-21.21	-77.78	0.00111
-14.14	-84.85	0.00085	-7.07	-91.92	0.00068
0.00	-98.99	0.00055	7.07	-106.07	0.00046
14.14	-113.14	0.00039	21.21	-120.21	0.00034
-113.14	28.28	0.00089	-106.07	21.21	0.00110
-98.99	14.14	0.00137	-91.92	7.07	0.00172
-84.85	0.00	0.00218	-77.78	-7.07	0.00275
-70.71	-14.14	0.00346	-63.64	-21.21	0.00432
-60.10	-24.75	0.00483	-56.57	-28.28	0.00540
-54.45	-30.41	0.00576	-53.03	-31.82	0.00601
-51.62	-33.23	0.00628	-50.20	-34.65	0.00658
-48.79	-36.06	0.00693	-36.06	-48.79	0.00356
-34.65	-50.20	0.00305	-33.23	-51.62	0.00267
-31.82	-53.03	0.00237	-30.41	-54.45	0.00214
-28.28	-56.57	0.00185	-24.75	-60.10	0.00151
-21.21	-63.64	0.00127	-14.14	-70.71	0.00095
-7.07	-77.78	0.00074	0.00	-84.85	0.00060
7.07	-91.92	0.00049	14.14	-98.99	0.00041
21.21	-106.07	0.00035	28.28	-113.14	0.00030
-106.07	35.36	0.00097	-98.99	28.28	0.00119
-91.92	21.21	0.00148	-84.85	14.14	0.00183
-77.78	7.07	0.00228	-70.71	0.00	0.00283
-63.64	-7.07	0.00351	-56.57	-14.14	0.00434
-53.03	-17.68	0.00482	-49.50	-21.21	0.00532
-47.38	-23.33	0.00562	-45.96	-24.75	0.00583
-44.55	-26.16	0.00604	-43.13	-27.58	0.00625
-41.72	-28.99	0.00649	-28.99	-41.72	0.00266

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-27.58	-43.13	0.00233	-26.16	-44.55	0.00208
-24.75	-45.96	0.00189	-23.33	-47.38	0.00173
-21.21	-49.50	0.00154	-17.68	-53.03	0.00129
-14.14	-56.57	0.00110	-7.07	-63.64	0.00083
0.00	-70.71	0.00066	7.07	-77.78	0.00053
14.14	-84.85	0.00044	21.21	-91.92	0.00037
28.28	-98.99	0.00031	35.36	-106.07	0.00027
-98.99	42.43	0.00105	-91.92	35.36	0.00127
-84.85	28.28	0.00156	-77.78	21.21	0.00190
-70.71	14.14	0.00233	-63.64	7.07	0.00285
-56.57	0.00	0.00348	-49.50	-7.07	0.00425
-45.96	-10.61	0.00468	-42.43	-14.14	0.00511

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 91
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00537	-38.89	-17.68	0.00552
-37.48	-19.09	0.00564	-36.06	-20.51	0.00573
-34.65	-21.92	0.00573	-21.92	-34.65	0.00224
-20.51	-36.06	0.00202	-19.09	-37.48	0.00182
-17.68	-38.89	0.00166	-16.26	-40.31	0.00153
-14.14	-42.43	0.00136	-10.61	-45.96	0.00114
-7.07	-49.50	0.00097	0.00	-56.57	0.00074
7.07	-63.64	0.00058	14.14	-70.71	0.00047
21.21	-77.78	0.00039	28.28	-84.85	0.00033
35.36	-91.92	0.00028	42.43	-98.99	0.00025
-91.92	49.50	0.00111	-84.85	42.43	0.00133
-77.78	35.36	0.00160	-70.71	28.28	0.00192
-63.64	21.21	0.00231	-56.57	14.14	0.00278
-49.50	7.07	0.00333	-42.43	0.00	0.00390
-38.89	-3.54	0.00414	-35.36	-7.07	0.00425
-33.23	-9.19	0.00422	-31.82	-10.61	0.00415
-30.41	-12.02	0.00405	-28.99	-13.44	0.00392
-27.58	-14.85	0.00376	-14.85	-27.58	0.00192
-13.44	-28.99	0.00177	-12.02	-30.41	0.00163
-10.61	-31.82	0.00150	-9.19	-33.23	0.00139
-7.07	-35.36	0.00124	-3.54	-38.89	0.00104
0.00	-42.43	0.00089	7.07	-49.50	0.00068

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

14.14	-56.57	0.00054	21.21	-63.64	0.00043
28.28	-70.71	0.00036	35.36	-77.78	0.00030
42.43	-84.85	0.00026	49.50	-91.92	0.00022
-84.85	56.57	0.00114	-77.78	49.50	0.00135
-70.71	42.43	0.00160	-63.64	35.36	0.00189
-56.57	28.28	0.00223	-49.50	21.21	0.00260
-42.43	14.14	0.00296	-35.36	7.07	0.00318
-31.82	3.54	0.00317	-28.28	0.00	0.00308
-26.16	-2.12	0.00299	-24.75	-3.54	0.00292
-23.33	-4.95	0.00283	-21.92	-6.36	0.00274
-20.51	-7.78	0.00264	-7.78	-20.51	0.00159
-6.36	-21.92	0.00149	-4.95	-23.33	0.00139
-3.54	-24.75	0.00130	-2.12	-26.16	0.00122
0.00	-28.28	0.00111	3.54	-31.82	0.00095
7.07	-35.36	0.00082	14.14	-42.43	0.00063
21.21	-49.50	0.00050	28.28	-56.57	0.00040
35.36	-63.64	0.00033	42.43	-70.71	0.00028
49.50	-77.78	0.00024	56.57	-84.85	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00115	-70.71	56.57	0.00135
-63.64	49.50	0.00156	-56.57	42.43	0.00180
-49.50	35.36	0.00205	-42.43	28.28	0.00229
-35.36	21.21	0.00244	-28.28	14.14	0.00244
-24.75	10.61	0.00238	-21.21	7.07	0.00229
-19.09	4.95	0.00222	-17.68	3.54	0.00217
-16.26	2.12	0.00211	-14.85	0.71	0.00205
-13.44	-0.71	0.00198	-0.71	-13.44	0.00132
0.71	-14.85	0.00124	2.12	-16.26	0.00117
3.54	-17.68	0.00111	4.95	-19.09	0.00105
7.07	-21.21	0.00097	10.61	-24.75	0.00085
14.14	-28.28	0.00074	21.21	-35.36	0.00059
28.28	-42.43	0.00047	35.36	-49.50	0.00038
42.43	-56.57	0.00031	49.50	-63.64	0.00026
56.57	-70.71	0.00023	63.64	-77.78	0.00020
-70.71	70.71	0.00114	-63.64	63.64	0.00131

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-56.57	56.57	0.00148	-49.50	49.50	0.00165
-42.43	42.43	0.00181	-35.36	35.36	0.00192
-28.28	28.28	0.00195	-21.21	21.21	0.00190
-17.68	17.68	0.00185	-14.14	14.14	0.00178
-12.02	12.02	0.00172	-10.61	10.61	0.00168
-9.19	9.19	0.00164	-7.78	7.78	0.00159
-6.36	6.36	0.00154	6.36	-6.36	0.00110
7.78	-7.78	0.00105	9.19	-9.19	0.00100
10.61	-10.61	0.00095	12.02	-12.02	0.00090
14.14	-14.14	0.00084	17.68	-17.68	0.00075
21.21	-21.21	0.00067	28.28	-28.28	0.00054
35.36	-35.36	0.00044	42.43	-42.43	0.00036
49.50	-49.50	0.00030	56.57	-56.57	0.00025
63.64	-63.64	0.00022	70.71	-70.71	0.00019
-63.64	77.78	0.00110	-56.57	70.71	0.00123
-49.50	63.64	0.00136	-42.43	56.57	0.00147
-35.36	49.50	0.00155	-28.28	42.43	0.00159
-21.21	35.36	0.00157	-14.14	28.28	0.00152
-10.61	24.75	0.00147	-7.07	21.21	0.00142
-4.95	19.09	0.00137	-3.54	17.68	0.00134
-2.12	16.26	0.00131	-0.71	14.85	0.00127
0.71	13.44	0.00124	13.44	0.71	0.00093
14.85	-0.71	0.00089	16.26	-2.12	0.00085
17.68	-3.54	0.00082	19.09	-4.95	0.00078

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00073	24.75	-10.61	0.00066
28.28	-14.14	0.00059	35.36	-21.21	0.00049
42.43	-28.28	0.00040	49.50	-35.36	0.00034
56.57	-42.43	0.00028	63.64	-49.50	0.00024
70.71	-56.57	0.00021	77.78	-63.64	0.00018
-56.57	84.85	0.00104	-49.50	77.78	0.00113
-42.43	70.71	0.00121	-35.36	63.64	0.00128
-28.28	56.57	0.00131	-21.21	49.50	0.00131
-14.14	42.43	0.00129	-7.07	35.36	0.00124
-3.54	31.82	0.00120	0.00	28.28	0.00115

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

2.12	26.16	0.00112	3.54	24.75	0.00110
4.95	23.33	0.00107	6.36	21.92	0.00104
7.78	20.51	0.00102	20.51	7.78	0.00079
21.92	6.36	0.00076	23.33	4.95	0.00073
24.75	3.54	0.00071	26.16	2.12	0.00068
28.28	0.00	0.00064	31.82	-3.54	0.00058
35.36	-7.07	0.00053	42.43	-14.14	0.00044
49.50	-21.21	0.00037	56.57	-28.28	0.00032
63.64	-35.36	0.00027	70.71	-42.43	0.00023
77.78	-49.50	0.00020	84.85	-56.57	0.00017
-49.50	91.92	0.00096	-42.43	84.85	0.00102
-35.36	77.78	0.00107	-28.28	70.71	0.00110
-21.21	63.64	0.00111	-14.14	56.57	0.00110
-7.07	49.50	0.00108	0.00	42.43	0.00103
3.54	38.89	0.00100	7.07	35.36	0.00096
9.19	33.23	0.00093	10.61	31.82	0.00091
12.02	30.41	0.00089	13.44	28.99	0.00087
14.85	27.58	0.00085	27.58	14.85	0.00068
28.99	13.44	0.00066	30.41	12.02	0.00064
31.82	10.61	0.00062	33.23	9.19	0.00060
35.36	7.07	0.00056	38.89	3.54	0.00051
42.43	0.00	0.00047	49.50	-7.07	0.00040
56.57	-14.14	0.00034	63.64	-21.21	0.00029
70.71	-28.28	0.00025	77.78	-35.36	0.00022
84.85	-42.43	0.00019	91.92	-49.50	0.00017
-42.43	98.99	0.00087	-35.36	91.92	0.00091
-28.28	84.85	0.00093	-21.21	77.78	0.00095
-14.14	70.71	0.00094	-7.07	63.64	0.00093
0.00	56.57	0.00091	7.07	49.50	0.00087
10.61	45.96	0.00084	14.14	42.43	0.00081

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00078	17.68	38.89	0.00077
19.09	37.48	0.00075	20.51	36.06	0.00074
21.92	34.65	0.00072	34.65	21.92	0.00059
36.06	20.51	0.00057	37.48	19.09	0.00056

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

38.89	17.68	0.00054	40.31	16.26	0.00052
42.43	14.14	0.00050	45.96	10.61	0.00046
49.50	7.07	0.00042	56.57	0.00	0.00036
63.64	-7.07	0.00031	70.71	-14.14	0.00027
77.78	-21.21	0.00024	84.85	-28.28	0.00021
91.92	-35.36	0.00018	98.99	-42.43	0.00016
-35.36	106.07	0.00078	-28.28	98.99	0.00080
-21.21	91.92	0.00081	-14.14	84.85	0.00082
-7.07	77.78	0.00081	0.00	70.71	0.00080
7.07	63.64	0.00078	14.14	56.57	0.00074
17.68	53.03	0.00072	21.21	49.50	0.00069
23.33	47.38	0.00067	24.75	45.96	0.00066
26.16	44.55	0.00065	27.58	43.13	0.00063
28.99	41.72	0.00062	41.72	28.99	0.00051
43.13	27.58	0.00050	44.55	26.16	0.00049
45.96	24.75	0.00048	47.38	23.33	0.00046
49.50	21.21	0.00045	53.03	17.68	0.00041
56.57	14.14	0.00038	63.64	7.07	0.00033
70.71	0.00	0.00029	77.78	-7.07	0.00025
84.85	-14.14	0.00022	91.92	-21.21	0.00019
98.99	-28.28	0.00017	106.07	-35.36	0.00015
-28.28	113.14	0.00070	-21.21	106.07	0.00071
-14.14	98.99	0.00071	-7.07	91.92	0.00071
0.00	84.85	0.00071	7.07	77.78	0.00070
14.14	70.71	0.00067	21.21	63.64	0.00064
24.75	60.10	0.00062	28.28	56.57	0.00059
30.41	54.45	0.00058	31.82	53.03	0.00057
33.23	51.62	0.00056	34.65	50.20	0.00055
36.06	48.79	0.00054	48.79	36.06	0.00045
50.20	34.65	0.00044	51.62	33.23	0.00043
53.03	31.82	0.00042	54.45	30.41	0.00041
56.57	28.28	0.00040	60.10	24.75	0.00037
63.64	21.21	0.00035	70.71	14.14	0.00030
77.78	7.07	0.00026	84.85	0.00	0.00024
91.92	-7.07	0.00021	98.99	-14.14	0.00018
106.07	-21.21	0.00016	113.14	-28.28	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00062	-14.14	113.14	0.00063
-7.07	106.07	0.00063	0.00	98.99	0.00063
7.07	91.92	0.00062	14.14	84.85	0.00061
21.21	77.78	0.00059	28.28	70.71	0.00056
31.82	67.18	0.00054	35.36	63.64	0.00052
37.48	61.52	0.00051	38.89	60.10	0.00050
40.31	58.69	0.00049	41.72	57.28	0.00048
43.13	55.86	0.00047	55.86	43.13	0.00040
57.28	41.72	0.00040	58.69	40.31	0.00039
60.10	38.89	0.00038	61.52	37.48	0.00037
63.64	35.36	0.00036	67.18	31.82	0.00034
70.71	28.28	0.00031	77.78	21.21	0.00027
84.85	14.14	0.00024	91.92	7.07	0.00022
98.99	0.00	0.00020	106.07	-7.07	0.00017
113.14	-14.14	0.00016	120.21	-21.21	0.00014
-14.14	127.28	0.00056	-7.07	120.21	0.00056
0.00	113.14	0.00056	7.07	106.07	0.00056
14.14	98.99	0.00055	21.21	91.92	0.00054
28.28	84.85	0.00052	35.36	77.78	0.00049
38.89	74.25	0.00047	42.43	70.71	0.00046
44.55	68.59	0.00045	45.96	67.18	0.00044
47.38	65.76	0.00043	48.79	64.35	0.00043
50.20	62.93	0.00042	62.93	50.20	0.00036
64.35	48.79	0.00035	65.76	47.38	0.00035
67.18	45.96	0.00034	68.59	44.55	0.00033
70.71	42.43	0.00032	74.25	38.89	0.00031
77.78	35.36	0.00029	84.85	28.28	0.00025
91.92	21.21	0.00022	98.99	14.14	0.00020
106.07	7.07	0.00018	113.14	0.00	0.00016
120.21	-7.07	0.00015	127.28	-14.14	0.00013
-7.07	134.35	0.00050	0.00	127.28	0.00050
7.07	120.21	0.00050	14.14	113.14	0.00050
21.21	106.07	0.00049	28.28	98.99	0.00047
35.36	91.92	0.00046	42.43	84.85	0.00043
45.96	81.32	0.00042	49.50	77.78	0.00040
51.62	75.66	0.00040	53.03	74.25	0.00039
54.45	72.83	0.00038	55.86	71.42	0.00038
57.28	70.00	0.00037	70.00	57.28	0.00032
71.42	55.86	0.00032	72.83	54.45	0.00031
74.25	53.03	0.00031	75.66	51.62	0.00030

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
77.78	49.50	0.00029	81.32	45.96	0.00028	
84.85	42.43	0.00026	91.92	35.36	0.00023	
98.99	28.28	0.00021	106.07	21.21	0.00019	
113.14	14.14	0.00017	120.21	7.07	0.00016	
127.28	0.00	0.00014	134.35	-7.07	0.00013	
0.00	141.42	0.00045	7.07	134.35	0.00045	
14.14	127.28	0.00045	21.21	120.21	0.00044	
28.28	113.14	0.00044	35.36	106.07	0.00042	
42.43	98.99	0.00041	49.50	91.92	0.00039	
53.03	88.39	0.00037	56.57	84.85	0.00036	
58.69	82.73	0.00035	60.10	81.32	0.00035	
61.52	79.90	0.00034	62.93	78.49	0.00034	
64.35	77.07	0.00033	77.07	64.35	0.00029	
78.49	62.93	0.00029	79.90	61.52	0.00028	
81.32	60.10	0.00028	82.73	58.69	0.00028	
84.85	56.57	0.00027	88.39	53.03	0.00026	
91.92	49.50	0.00024	98.99	42.43	0.00022	
106.07	35.36	0.00019	113.14	28.28	0.00017	
120.21	21.21	0.00016	127.28	14.14	0.00015	
134.35	7.07	0.00013	141.42	0.00	0.00012	
7.07	148.49	0.00041	14.14	141.42	0.00041	
21.21	134.35	0.00041	28.28	127.28	0.00040	
35.36	120.21	0.00039	42.43	113.14	0.00038	
49.50	106.07	0.00036	56.57	98.99	0.00035	
60.10	95.46	0.00034	63.64	91.92	0.00033	
65.76	89.80	0.00032	67.18	88.39	0.00031	
68.59	86.97	0.00031	70.00	85.56	0.00031	
71.42	84.15	0.00030	84.15	71.42	0.00027	
85.56	70.00	0.00026	86.97	68.59	0.00026	
88.39	67.18	0.00026	89.80	65.76	0.00025	
91.92	63.64	0.00025	95.46	60.10	0.00023	
98.99	56.57	0.00022	106.07	49.50	0.00020	
113.14	42.43	0.00018	120.21	35.36	0.00016	
127.28	28.28	0.00015	134.35	21.21	0.00014	
141.42	14.14	0.00013	148.49	7.07	0.00012	
14.14	155.56	0.00037	21.21	148.49	0.00037	

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

28.28	141.42	0.00037	35.36	134.35	0.00036
42.43	127.28	0.00035	49.50	120.21	0.00034
56.57	113.14	0.00033	63.64	106.07	0.00031
67.18	102.53	0.00030	70.71	98.99	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00029	74.25	95.46	0.00028
75.66	94.05	0.00028	77.07	92.63	0.00028
78.49	91.22	0.00027	91.22	78.49	0.00024
92.63	77.07	0.00024	94.05	75.66	0.00024
95.46	74.25	0.00023	96.87	72.83	0.00023
98.99	70.71	0.00023	102.53	67.18	0.00022
106.07	63.64	0.00021	113.14	56.57	0.00019
120.21	49.50	0.00017	127.28	42.43	0.00015
134.35	35.36	0.00014	141.42	28.28	0.00013
148.49	21.21	0.00012	155.56	14.14	0.00011
21.21	162.63	0.00034	28.28	155.56	0.00034
35.36	148.49	0.00033	42.43	141.42	0.00033
49.50	134.35	0.00032	56.57	127.28	0.00031
63.64	120.21	0.00030	70.71	113.14	0.00028
74.25	109.60	0.00028	77.78	106.07	0.00027
79.90	103.94	0.00026	81.32	102.53	0.00026
82.73	101.12	0.00026	84.15	99.70	0.00025
85.56	98.29	0.00025	98.29	85.56	0.00022
99.70	84.15	0.00022	101.12	82.73	0.00022
102.53	81.32	0.00022	103.94	79.90	0.00021
106.07	77.78	0.00021	109.60	74.25	0.00020
113.14	70.71	0.00019	120.21	63.64	0.00017
127.28	56.57	0.00016	134.35	49.50	0.00014
141.42	42.43	0.00013	148.49	35.36	0.00012
155.56	28.28	0.00011	162.63	21.21	0.00010
28.28	169.71	0.00031	35.36	162.63	0.00031
42.43	155.56	0.00031	49.50	148.49	0.00030
56.57	141.42	0.00029	63.64	134.35	0.00028
70.71	127.28	0.00027	77.78	120.21	0.00026
81.32	116.67	0.00025	84.85	113.14	0.00024

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

86.97	111.02	0.00024	88.39	109.60	0.00024
89.80	108.19	0.00023	91.22	106.77	0.00023
92.63	105.36	0.00023	105.36	92.63	0.00021
106.77	91.22	0.00020	108.19	89.80	0.00020
109.60	88.39	0.00020	111.02	86.97	0.00020
113.14	84.85	0.00019	116.67	81.32	0.00019
120.21	77.78	0.00018	127.28	70.71	0.00016
134.35	63.64	0.00015	141.42	56.57	0.00013
148.49	49.50	0.00012	155.56	42.43	0.00011
162.63	35.36	0.00011	169.71	28.28	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00029	42.43	169.71	0.00028
49.50	162.63	0.00028	56.57	155.56	0.00027
63.64	148.49	0.00027	70.71	141.42	0.00026
77.78	134.35	0.00025	84.85	127.28	0.00024
88.39	123.74	0.00023	91.92	120.21	0.00022
94.05	118.09	0.00022	95.46	116.67	0.00022
96.87	115.26	0.00022	98.29	113.84	0.00021
99.70	112.43	0.00021	112.43	99.70	0.00019
113.84	98.29	0.00019	115.26	96.87	0.00019
116.67	95.46	0.00018	118.09	94.05	0.00018
120.21	91.92	0.00018	123.74	88.39	0.00017
127.28	84.85	0.00017	134.35	77.78	0.00015
141.42	70.71	0.00014	148.49	63.64	0.00013
155.56	56.57	0.00012	162.63	49.50	0.00011
169.71	42.43	0.00010	176.78	35.36	0.00009
42.43	183.85	0.00026	49.50	176.78	0.00026
56.57	169.71	0.00026	63.64	162.63	0.00025
70.71	155.56	0.00025	77.78	148.49	0.00024
84.85	141.42	0.00023	91.92	134.35	0.00022
95.46	130.81	0.00021	98.99	127.28	0.00021
101.12	125.16	0.00020	102.53	123.74	0.00020
103.94	122.33	0.00020	105.36	120.92	0.00020
106.77	119.50	0.00019	119.50	106.77	0.00018
120.92	105.36	0.00017	122.33	103.94	0.00017

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

123.74	102.53	0.00017	125.16	101.12	0.00017
127.28	98.99	0.00017	130.81	95.46	0.00016
134.35	91.92	0.00016	141.42	84.85	0.00014
148.49	77.78	0.00013	155.56	70.71	0.00012
162.63	63.64	0.00011	169.71	56.57	0.00010
176.78	49.50	0.00010	183.85	42.43	0.00009
49.50	190.92	0.00024	56.57	183.85	0.00024
63.64	176.78	0.00024	70.71	169.71	0.00023
77.78	162.63	0.00023	84.85	155.56	0.00022
91.92	148.49	0.00021	98.99	141.42	0.00020
102.53	137.89	0.00020	106.07	134.35	0.00019
108.19	132.23	0.00019	109.60	130.81	0.00019
111.02	129.40	0.00018	112.43	127.99	0.00018
113.84	126.57	0.00018	126.57	113.84	0.00016
127.99	112.43	0.00016	129.40	111.02	0.00016
130.81	109.60	0.00016	132.23	108.19	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00015	137.89	102.53	0.00015
141.42	98.99	0.00015	148.49	91.92	0.00013
155.56	84.85	0.00012	162.63	77.78	0.00011
169.71	70.71	0.00010	176.78	63.64	0.00010
183.85	56.57	0.00009	190.92	49.50	0.00009
56.57	197.99	0.00023	63.64	190.92	0.00022
70.71	183.85	0.00022	77.78	176.78	0.00021
84.85	169.71	0.00021	91.92	162.63	0.00020
98.99	155.56	0.00019	106.07	148.49	0.00019
109.60	144.96	0.00018	113.14	141.42	0.00018
115.26	139.30	0.00017	116.67	137.89	0.00017
118.09	136.47	0.00017	119.50	135.06	0.00017
120.92	133.64	0.00017	133.64	120.92	0.00015
135.06	119.50	0.00015	136.47	118.09	0.00015
137.89	116.67	0.00015	139.30	115.26	0.00015
141.42	113.14	0.00014	144.96	109.60	0.00014
148.49	106.07	0.00014	155.56	98.99	0.00013
162.63	91.92	0.00012	169.71	84.85	0.00011

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

176.78	77.78	0.00010	183.85	70.71	0.00009
190.92	63.64	0.00009	197.99	56.57	0.00008
63.64	205.06	0.00021	70.71	197.99	0.00021
77.78	190.92	0.00020	84.85	183.85	0.00020
91.92	176.78	0.00019	98.99	169.71	0.00019
106.07	162.63	0.00018	113.14	155.56	0.00017
116.67	152.03	0.00017	120.21	148.49	0.00016
122.33	146.37	0.00016	123.74	144.96	0.00016
125.16	143.54	0.00016	126.57	142.13	0.00016
127.99	140.71	0.00016	140.71	127.99	0.00014
142.13	126.57	0.00014	143.54	125.16	0.00014
144.96	123.74	0.00014	146.37	122.33	0.00014
148.49	120.21	0.00014	152.03	116.67	0.00013
155.56	113.14	0.00013	162.63	106.07	0.00012
169.71	98.99	0.00011	176.78	91.92	0.00010
183.85	84.85	0.00009	190.92	77.78	0.00009
197.99	70.71	0.00008	205.06	63.64	0.00008
70.71	212.13	0.00020	77.78	205.06	0.00019
84.85	197.99	0.00019	91.92	190.92	0.00019
98.99	183.85	0.00018	106.07	176.78	0.00017
113.14	169.71	0.00017	120.21	162.63	0.00016
123.74	159.10	0.00016	127.28	155.56	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00015	130.81	152.03	0.00015
132.23	150.61	0.00015	133.64	149.20	0.00015
135.06	147.79	0.00015	147.79	135.06	0.00013
149.20	133.64	0.00013	150.61	132.23	0.00013
152.03	130.81	0.00013	153.44	129.40	0.00013
155.56	127.28	0.00013	159.10	123.74	0.00012
162.63	120.21	0.00012	169.71	113.14	0.00011
176.78	106.07	0.00011	183.85	98.99	0.00010
190.92	91.92	0.00009	197.99	84.85	0.00008
205.06	77.78	0.00008	212.13	70.71	0.00007
77.78	219.20	0.00018	84.85	212.13	0.00018
91.92	205.06	0.00018	98.99	197.99	0.00017

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

106.07	190.92	0.00017	113.14	183.85	0.00016
120.21	176.78	0.00016	127.28	169.71	0.00015
130.81	166.17	0.00015	134.35	162.63	0.00014
136.47	160.51	0.00014	137.89	159.10	0.00014
139.30	157.68	0.00014	140.71	156.27	0.00014
142.13	154.86	0.00014	154.86	142.13	0.00013
156.27	140.71	0.00012	157.68	139.30	0.00012
159.10	137.89	0.00012	160.51	136.47	0.00012
162.63	134.35	0.00012	166.17	130.81	0.00012
169.71	127.28	0.00011	176.78	120.21	0.00011
183.85	113.14	0.00010	190.92	106.07	0.00009
197.99	98.99	0.00009	205.06	91.92	0.00008
212.13	84.85	0.00008	219.20	77.78	0.00007
84.85	226.27	0.00017	91.92	219.20	0.00017
98.99	212.13	0.00016	106.07	205.06	0.00016
113.14	197.99	0.00016	120.21	190.92	0.00015
127.28	183.85	0.00015	134.35	176.78	0.00014
137.89	173.24	0.00014	141.42	169.71	0.00013
143.54	167.58	0.00013	144.96	166.17	0.00013
146.37	164.76	0.00013	147.79	163.34	0.00013
149.20	161.93	0.00013	161.93	149.20	0.00012
163.34	147.79	0.00012	164.76	146.37	0.00012
166.17	144.96	0.00012	167.58	143.54	0.00011
169.71	141.42	0.00011	173.24	137.89	0.00011
176.78	134.35	0.00011	183.85	127.28	0.00010
190.92	120.21	0.00010	197.99	113.14	0.00009
205.06	106.07	0.00008	212.13	98.99	0.00008
219.20	91.92	0.00007	226.27	84.85	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00016	98.99	226.27	0.00016
106.07	219.20	0.00015	113.14	212.13	0.00015
120.21	205.06	0.00015	127.28	197.99	0.00014
134.35	190.92	0.00014	141.42	183.85	0.00013
144.96	180.31	0.00013	148.49	176.78	0.00013
150.61	174.66	0.00012	152.03	173.24	0.00012

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

153.44	171.83	0.00012	154.86	170.41	0.00012
156.27	169.00	0.00012	169.00	156.27	0.00011
170.41	154.86	0.00011	171.83	153.44	0.00011
173.24	152.03	0.00011	174.66	150.61	0.00011
176.78	148.49	0.00011	180.31	144.96	0.00010
183.85	141.42	0.00010	190.92	134.35	0.00010
197.99	127.28	0.00009	205.06	120.21	0.00008
212.13	113.14	0.00008	219.20	106.07	0.00007
226.27	98.99	0.00007	233.35	91.92	0.00006
98.99	240.42	0.00015	106.07	233.35	0.00015
113.14	226.27	0.00014	120.21	219.20	0.00014
127.28	212.13	0.00014	134.35	205.06	0.00013
141.42	197.99	0.00013	148.49	190.92	0.00012
152.03	187.38	0.00012	155.56	183.85	0.00012
157.68	181.73	0.00012	159.10	180.31	0.00012
160.51	178.90	0.00011	161.93	177.48	0.00011
163.34	176.07	0.00011	176.07	163.34	0.00011
177.48	161.93	0.00010	178.90	160.51	0.00010
180.31	159.10	0.00010	181.73	157.68	0.00010
183.85	155.56	0.00010	187.38	152.03	0.00010
190.92	148.49	0.00010	197.99	141.42	0.00009
205.06	134.35	0.00009	212.13	127.28	0.00008
219.20	120.21	0.00008	226.27	113.14	0.00007
233.35	106.07	0.00007	240.42	98.99	0.00006
106.07	247.49	0.00014	113.14	240.42	0.00014
120.21	233.35	0.00014	127.28	226.27	0.00013
134.35	219.20	0.00013	141.42	212.13	0.00012
148.49	205.06	0.00012	155.56	197.99	0.00012
159.10	194.45	0.00011	162.63	190.92	0.00011
164.76	188.80	0.00011	166.17	187.38	0.00011
167.58	185.97	0.00011	169.00	184.55	0.00011
170.41	183.14	0.00011	183.14	170.41	0.00010
184.55	169.00	0.00010	185.97	167.58	0.00010
187.38	166.17	0.00010	188.80	164.76	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

*** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

190.92	162.63	0.00010	194.45	159.10	0.00009
197.99	155.56	0.00009	205.06	148.49	0.00009
212.13	141.42	0.00008	219.20	134.35	0.00008
226.27	127.28	0.00007	233.35	120.21	0.00007
240.42	113.14	0.00006	247.49	106.07	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00044	-240.42	-113.14	0.00052
-233.35	-120.21	0.00063	-226.27	-127.28	0.00076
-219.20	-134.35	0.00093	-212.13	-141.42	0.00116
-205.06	-148.49	0.00147	-197.99	-155.56	0.00186
-194.45	-159.10	0.00210	-190.92	-162.63	0.00235
-188.80	-164.76	0.00252	-187.38	-166.17	0.00263
-185.97	-167.58	0.00274	-184.55	-169.00	0.00285
-183.14	-170.41	0.00296	-170.41	-183.14	0.00361
-169.00	-184.55	0.00361	-167.58	-185.97	0.00359
-166.17	-187.38	0.00355	-164.76	-188.80	0.00349
-162.63	-190.92	0.00337	-159.10	-194.45	0.00312
-155.56	-197.99	0.00283	-148.49	-205.06	0.00229
-141.42	-212.13	0.00183	-134.35	-219.20	0.00146
-127.28	-226.27	0.00117	-120.21	-233.35	0.00094
-113.14	-240.42	0.00077	-106.07	-247.49	0.00064
-240.42	-98.99	0.00045	-233.35	-106.07	0.00053
-226.27	-113.14	0.00063	-219.20	-120.21	0.00077
-212.13	-127.28	0.00094	-205.06	-134.35	0.00118
-197.99	-141.42	0.00150	-190.92	-148.49	0.00195
-187.38	-152.03	0.00223	-183.85	-155.56	0.00255
-181.73	-157.68	0.00277	-180.31	-159.10	0.00293
-178.90	-160.51	0.00309	-177.48	-161.93	0.00326
-176.07	-163.34	0.00343	-163.34	-176.07	0.00442
-161.93	-177.48	0.00436	-160.51	-178.90	0.00426
-159.10	-180.31	0.00414	-157.68	-181.73	0.00400
-155.56	-183.85	0.00377	-152.03	-187.38	0.00339
-148.49	-190.92	0.00301	-141.42	-197.99	0.00235
-134.35	-205.06	0.00183	-127.28	-212.13	0.00144
-120.21	-219.20	0.00114	-113.14	-226.27	0.00092

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-106.07	-233.35	0.00075	-98.99	-240.42	0.00062
-233.35	-91.92	0.00046	-226.27	-99.00	0.00054
-219.20	-106.07	0.00065	-212.13	-113.14	0.00079
-205.06	-120.21	0.00097	-197.99	-127.28	0.00121
-190.92	-134.35	0.00153	-183.85	-141.42	0.00199
-180.31	-144.96	0.00230	-176.78	-148.49	0.00266
-174.66	-150.61	0.00292	-173.24	-152.03	0.00311
-171.83	-153.44	0.00333	-170.41	-154.86	0.00359
-169.00	-156.27	0.00389	-156.27	-169.00	0.00525
-154.86	-170.41	0.00501	-153.44	-171.83	0.00476
-152.03	-173.24	0.00453	-150.61	-174.66	0.00430

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00398	-144.96	-180.31	0.00349
-141.42	-183.85	0.00306	-134.35	-190.92	0.00234
-127.28	-197.99	0.00180	-120.21	-205.06	0.00140
-113.14	-212.13	0.00110	-106.07	-219.20	0.00088
-98.99	-226.27	0.00072	-91.92	-233.35	0.00060
-226.27	-84.85	0.00047	-219.20	-91.92	0.00056
-212.13	-99.00	0.00067	-205.06	-106.07	0.00081
-197.99	-113.14	0.00100	-190.92	-120.21	0.00125
-183.85	-127.28	0.00160	-176.78	-134.35	0.00209
-173.24	-137.89	0.00242	-169.71	-141.42	0.00283
-167.58	-143.54	0.00314	-166.17	-144.96	0.00338
-164.76	-146.37	0.00367	-163.34	-147.79	0.00405
-161.93	-149.20	0.00457	-149.20	-161.93	0.00553
-147.79	-163.34	0.00518	-146.37	-164.76	0.00488
-144.96	-166.17	0.00461	-143.54	-167.58	0.00436
-141.42	-169.71	0.00400	-137.89	-173.24	0.00348
-134.35	-176.78	0.00302	-127.28	-183.85	0.00227
-120.21	-190.92	0.00173	-113.14	-197.99	0.00133
-106.07	-205.06	0.00105	-98.99	-212.13	0.00084
-91.92	-219.20	0.00069	-84.85	-226.27	0.00057
-219.20	-77.78	0.00049	-212.13	-84.85	0.00058
-205.06	-91.92	0.00070	-197.99	-99.00	0.00085
-190.92	-106.07	0.00106	-183.85	-113.14	0.00134

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-176.78	-120.21	0.00175	-169.71	-127.28	0.00239
-166.17	-130.81	0.00289	-162.63	-134.35	0.00361
-160.51	-136.47	0.00418	-159.10	-137.89	0.00463
-157.68	-139.30	0.00514	-156.27	-140.71	0.00572
-154.86	-142.13	0.00639	-142.13	-154.86	0.00564
-140.71	-156.27	0.00522	-139.30	-157.68	0.00488
-137.89	-159.10	0.00457	-136.47	-160.51	0.00429
-134.35	-162.63	0.00391	-130.81	-166.17	0.00336
-127.28	-169.71	0.00288	-120.21	-176.78	0.00214
-113.14	-183.85	0.00161	-106.07	-190.92	0.00124
-98.99	-197.99	0.00098	-91.92	-205.06	0.00078
-84.85	-212.13	0.00064	-77.78	-219.20	0.00053
-212.13	-70.71	0.00053	-205.06	-77.78	0.00062
-197.99	-84.85	0.00075	-190.92	-91.92	0.00092
-183.85	-98.99	0.00116	-176.78	-106.07	0.00152
-169.71	-113.14	0.00207	-162.63	-120.21	0.00302
-159.10	-123.74	0.00373	-155.56	-127.28	0.00463

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00525	-152.03	-130.81	0.00570
-150.61	-132.23	0.00618	-149.20	-133.64	0.00670
-147.79	-135.06	0.00730	-135.06	-147.79	0.00570
-133.64	-149.20	0.00523	-132.23	-150.61	0.00484
-130.81	-152.03	0.00449	-129.40	-153.44	0.00418
-127.28	-155.56	0.00376	-123.74	-159.10	0.00317
-120.21	-162.63	0.00269	-113.14	-169.71	0.00196
-106.07	-176.78	0.00147	-98.99	-183.85	0.00113
-91.92	-190.92	0.00089	-84.85	-197.99	0.00072
-77.78	-205.06	0.00059	-70.71	-212.13	0.00049
-205.06	-63.64	0.00057	-197.99	-70.71	0.00068
-190.92	-77.78	0.00083	-183.85	-84.85	0.00103
-176.78	-91.92	0.00133	-169.71	-98.99	0.00179
-162.63	-106.07	0.00251	-155.56	-113.14	0.00363
-152.03	-116.67	0.00436	-148.49	-120.21	0.00521
-146.37	-122.33	0.00579	-144.96	-123.74	0.00620
-143.54	-125.16	0.00665	-142.13	-126.57	0.00714

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-140.71	-127.99	0.00769	-127.99	-140.71	0.00563
-126.57	-142.13	0.00512	-125.16	-143.54	0.00470
-123.74	-144.96	0.00432	-122.33	-146.37	0.00399
-120.21	-148.49	0.00355	-116.67	-152.03	0.00293
-113.14	-155.56	0.00245	-106.07	-162.63	0.00175
-98.99	-169.71	0.00131	-91.92	-176.78	0.00101
-84.85	-183.85	0.00080	-77.78	-190.92	0.00065
-70.71	-197.99	0.00054	-63.64	-205.06	0.00045
-197.99	-56.57	0.00064	-190.92	-63.64	0.00076
-183.85	-70.71	0.00094	-176.78	-77.78	0.00119
-169.71	-84.85	0.00156	-162.63	-91.92	0.00210
-155.56	-98.99	0.00290	-148.49	-106.07	0.00400
-144.96	-109.60	0.00468	-141.42	-113.14	0.00547
-139.30	-115.26	0.00601	-137.89	-116.67	0.00639
-136.47	-118.09	0.00681	-135.06	-119.50	0.00726
-133.64	-120.92	0.00777	-120.92	-133.64	0.00540
-119.50	-135.06	0.00486	-118.09	-136.47	0.00442
-116.67	-137.89	0.00403	-115.26	-139.30	0.00369
-113.14	-141.42	0.00324	-109.60	-144.96	0.00262
-106.07	-148.49	0.00216	-98.99	-155.56	0.00153
-91.92	-162.63	0.00115	-84.85	-169.71	0.00089
-77.78	-176.78	0.00071	-70.71	-183.85	0.00058
-63.64	-190.92	0.00048	-56.57	-197.99	0.00041

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTS:
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00071	-183.85	-56.57	0.00087
-176.78	-63.64	0.00108	-169.71	-70.71	0.00138
-162.63	-77.78	0.00180	-155.56	-84.85	0.00238
-148.49	-91.92	0.00316	-141.42	-98.99	0.00420
-137.89	-102.53	0.00482	-134.35	-106.07	0.00554
-132.23	-108.19	0.00602	-130.81	-109.60	0.00638
-129.40	-111.02	0.00676	-127.99	-112.43	0.00717
-126.57	-113.84	0.00765	-113.84	-126.57	0.00499
-112.43	-127.99	0.00444	-111.02	-129.40	0.00398
-109.60	-130.81	0.00359	-108.19	-132.23	0.00325
-106.07	-134.35	0.00281	-102.53	-137.89	0.00225

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-98.99	-141.42	0.00184	-91.92	-148.49	0.00131
-84.85	-155.56	0.00099	-77.78	-162.63	0.00078
-70.71	-169.71	0.00063	-63.64	-176.78	0.00052
-56.57	-183.85	0.00043	-49.50	-190.92	0.00037
-183.85	-42.43	0.00080	-176.78	-49.50	0.00098
-169.71	-56.57	0.00123	-162.63	-63.64	0.00157
-155.56	-70.71	0.00201	-148.49	-77.78	0.00260
-141.42	-84.85	0.00334	-134.35	-91.92	0.00428
-130.81	-95.46	0.00485	-127.28	-98.99	0.00549
-125.16	-101.12	0.00592	-123.74	-102.53	0.00623
-122.33	-103.94	0.00656	-120.92	-105.36	0.00692
-119.50	-106.77	0.00735	-106.77	-119.50	0.00439
-105.36	-120.92	0.00383	-103.94	-122.33	0.00338
-102.53	-123.74	0.00301	-101.12	-125.16	0.00270
-98.99	-127.28	0.00232	-95.46	-130.81	0.00186
-91.92	-134.35	0.00154	-84.85	-141.42	0.00111
-77.78	-148.49	0.00085	-70.71	-155.56	0.00068
-63.64	-162.63	0.00055	-56.57	-169.71	0.00046
-49.50	-176.78	0.00039	-42.43	-183.85	0.00034
-176.78	-35.36	0.00089	-169.71	-42.43	0.00110
-162.63	-49.50	0.00137	-155.56	-56.57	0.00172
-148.49	-63.64	0.00218	-141.42	-70.71	0.00275
-134.35	-77.78	0.00346	-127.28	-84.85	0.00432
-123.74	-88.39	0.00483	-120.21	-91.92	0.00540
-118.09	-94.05	0.00576	-116.67	-95.46	0.00601
-115.26	-96.87	0.00628	-113.84	-98.29	0.00658
-112.43	-99.70	0.00693	-99.70	-112.43	0.00356
-98.29	-113.84	0.00305	-96.87	-115.26	0.00267
-95.46	-116.67	0.00237	-94.05	-118.09	0.00214

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTS:
 PAGE 107
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00185	-88.39	-123.74	0.00151
-84.85	-127.28	0.00127	-77.78	-134.35	0.00095
-70.71	-141.42	0.00074	-63.64	-148.49	0.00060
-56.57	-155.56	0.00049	-49.50	-162.63	0.00041
-42.43	-169.71	0.00035	-35.36	-176.78	0.00030

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-169.71	-28.28	0.00097	-162.63	-35.36	0.00119
-155.56	-42.43	0.00148	-148.49	-49.50	0.00183
-141.42	-56.57	0.00228	-134.35	-63.64	0.00283
-127.28	-70.71	0.00351	-120.21	-77.78	0.00434
-116.67	-81.32	0.00482	-113.14	-84.85	0.00532
-111.02	-86.97	0.00562	-109.60	-88.39	0.00583
-108.19	-89.80	0.00604	-106.77	-91.22	0.00625
-105.36	-92.63	0.00649	-92.63	-105.36	0.00266
-91.22	-106.77	0.00233	-89.80	-108.19	0.00208
-88.39	-109.60	0.00189	-86.97	-111.02	0.00173
-84.85	-113.14	0.00154	-81.32	-116.67	0.00129
-77.78	-120.21	0.00110	-70.71	-127.28	0.00083
-63.64	-134.35	0.00066	-56.57	-141.42	0.00053
-49.50	-148.49	0.00044	-42.43	-155.56	0.00037
-35.36	-162.63	0.00031	-28.28	-169.71	0.00027
-162.63	-21.21	0.00105	-155.56	-28.28	0.00127
-148.49	-35.36	0.00156	-141.42	-42.43	0.00190
-134.35	-49.50	0.00233	-127.28	-56.57	0.00285
-120.21	-63.64	0.00348	-113.14	-70.71	0.00425
-109.60	-74.25	0.00468	-106.07	-77.78	0.00511
-103.94	-79.90	0.00537	-102.53	-81.32	0.00552
-101.12	-82.73	0.00564	-99.70	-84.15	0.00573
-98.29	-85.56	0.00573	-85.56	-98.29	0.00224
-84.15	-99.70	0.00202	-82.73	-101.12	0.00182
-81.32	-102.53	0.00166	-79.90	-103.94	0.00153
-77.78	-106.07	0.00136	-74.25	-109.60	0.00114
-70.71	-113.14	0.00097	-63.64	-120.21	0.00074
-56.57	-127.28	0.00058	-49.50	-134.35	0.00047
-42.43	-141.42	0.00039	-35.36	-148.49	0.00033
-28.28	-155.56	0.00028	-21.21	-162.63	0.00025
-155.56	-14.14	0.00111	-148.49	-21.21	0.00133
-141.42	-28.28	0.00160	-134.35	-35.36	0.00192
-127.28	-42.43	0.00231	-120.21	-49.50	0.00278
-113.14	-56.57	0.00333	-106.07	-63.64	0.00390
-102.53	-67.18	0.00414	-98.99	-70.71	0.00425

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 108
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

		11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00422	-95.46	-74.25	0.00415
-94.05	-75.66	0.00405	-92.63	-77.07	0.00392
-91.22	-78.49	0.00376	-78.49	-91.22	0.00192
-77.07	-92.63	0.00177	-75.66	-94.05	0.00163
-74.25	-95.46	0.00150	-72.83	-96.87	0.00139
-70.71	-98.99	0.00124	-67.18	-102.53	0.00104
-63.64	-106.07	0.00089	-56.57	-113.14	0.00068
-49.50	-120.21	0.00054	-42.43	-127.28	0.00043
-35.36	-134.35	0.00036	-28.28	-141.42	0.00030
-21.21	-148.49	0.00026	-14.14	-155.56	0.00022
-148.49	-7.07	0.00114	-141.42	-14.14	0.00135
-134.35	-21.21	0.00160	-127.28	-28.28	0.00189
-120.21	-35.36	0.00223	-113.14	-42.43	0.00260
-106.07	-49.50	0.00296	-98.99	-56.57	0.00317
-95.46	-60.10	0.00317	-91.92	-63.64	0.00308
-89.80	-65.76	0.00299	-88.39	-67.18	0.00292
-86.97	-68.59	0.00283	-85.56	-70.00	0.00274
-84.15	-71.42	0.00264	-71.42	-84.15	0.00159
-70.00	-85.56	0.00149	-68.59	-86.97	0.00139
-67.18	-88.39	0.00130	-65.76	-89.80	0.00122
-63.64	-91.92	0.00111	-60.10	-95.46	0.00095
-56.57	-98.99	0.00082	-49.50	-106.07	0.00063
-42.43	-113.14	0.00050	-35.36	-120.21	0.00040
-28.28	-127.28	0.00033	-21.21	-134.35	0.00028
-14.14	-141.42	0.00024	-7.07	-148.49	0.00021
-141.42	0.00	0.00115	-134.35	-7.07	0.00135
-127.28	-14.14	0.00156	-120.21	-21.21	0.00180
-113.14	-28.28	0.00205	-106.07	-35.36	0.00229
-98.99	-42.43	0.00244	-91.92	-49.50	0.00244
-88.39	-53.03	0.00238	-84.85	-56.57	0.00229
-82.73	-58.69	0.00222	-81.32	-60.10	0.00217
-79.90	-61.52	0.00211	-78.49	-62.93	0.00205
-77.07	-64.35	0.00198	-64.35	-77.07	0.00132
-62.93	-78.49	0.00124	-61.52	-79.90	0.00117
-60.10	-81.32	0.00111	-58.69	-82.73	0.00105
-56.57	-84.85	0.00097	-53.03	-88.39	0.00085
-49.50	-91.92	0.00074	-42.43	-98.99	0.00059
-35.36	-106.07	0.00047	-28.28	-113.14	0.00038
-21.21	-120.21	0.00031	-14.14	-127.28	0.00026
-7.07	-134.35	0.00023	0.00	-141.42	0.00020

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

17:43:25

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00114	-127.28	0.00	0.00131
-120.21	-7.07	0.00148	-113.14	-14.14	0.00165
-106.07	-21.21	0.00181	-98.99	-28.28	0.00192
-91.92	-35.36	0.00195	-84.85	-42.43	0.00190
-81.32	-45.96	0.00185	-77.78	-49.50	0.00178
-75.66	-51.62	0.00172	-74.25	-53.03	0.00168
-72.83	-54.45	0.00164	-71.42	-55.86	0.00159
-70.00	-57.28	0.00154	-57.28	-70.00	0.00110
-55.86	-71.42	0.00105	-54.45	-72.83	0.00100
-53.03	-74.25	0.00095	-51.62	-75.66	0.00090
-49.50	-77.78	0.00084	-45.96	-81.32	0.00075
-42.43	-84.85	0.00067	-35.36	-91.92	0.00054
-28.28	-98.99	0.00044	-21.21	-106.07	0.00036
-14.14	-113.14	0.00030	-7.07	-120.21	0.00025
0.00	-127.28	0.00022	7.07	-134.35	0.00019
-127.28	14.14	0.00110	-120.21	7.07	0.00123
-113.14	0.00	0.00136	-106.07	-7.07	0.00147
-98.99	-14.14	0.00155	-91.92	-21.21	0.00159
-84.85	-28.28	0.00157	-77.78	-35.36	0.00152
-74.25	-38.89	0.00147	-70.71	-42.43	0.00142
-68.59	-44.55	0.00137	-67.18	-45.96	0.00134
-65.76	-47.38	0.00131	-64.35	-48.79	0.00127
-62.93	-50.20	0.00124	-50.20	-62.93	0.00093
-48.79	-64.35	0.00089	-47.38	-65.76	0.00085
-45.96	-67.18	0.00082	-44.55	-68.59	0.00078
-42.43	-70.71	0.00073	-38.89	-74.25	0.00066
-35.36	-77.78	0.00059	-28.28	-84.85	0.00049
-21.21	-91.92	0.00040	-14.14	-98.99	0.00034
-7.07	-106.07	0.00028	0.00	-113.14	0.00024
7.07	-120.21	0.00021	14.14	-127.28	0.00018
-120.21	21.21	0.00104	-113.14	14.14	0.00113
-106.07	7.07	0.00121	-98.99	0.00	0.00128
-91.92	-7.07	0.00131	-84.85	-14.14	0.00131
-77.78	-21.21	0.00129	-70.71	-28.28	0.00124
-67.18	-31.82	0.00120	-63.64	-35.36	0.00115
-61.52	-37.48	0.00112	-60.10	-38.89	0.00110
-58.69	-40.31	0.00107	-57.28	-41.72	0.00104

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-55.86	-43.13	0.00102	-43.13	-55.86	0.00079
-41.72	-57.28	0.00076	-40.31	-58.69	0.00073
-38.89	-60.10	0.00071	-37.48	-61.52	0.00068

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 110

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00064	-31.82	-67.18	0.00058
-28.28	-70.71	0.00053	-21.21	-77.78	0.00044
-14.14	-84.85	0.00037	-7.07	-91.92	0.00032
0.00	-98.99	0.00027	7.07	-106.07	0.00023
14.14	-113.14	0.00020	21.21	-120.21	0.00017
-113.14	28.28	0.00096	-106.07	21.21	0.00102
-98.99	14.14	0.00107	-91.92	7.07	0.00110
-84.85	0.00	0.00111	-77.78	-7.07	0.00110
-70.71	-14.14	0.00108	-63.64	-21.21	0.00103
-60.10	-24.75	0.00100	-56.57	-28.28	0.00096
-54.45	-30.41	0.00093	-53.03	-31.82	0.00091
-51.62	-33.23	0.00089	-50.20	-34.65	0.00087
-48.79	-36.06	0.00085	-36.06	-48.79	0.00068
-34.65	-50.20	0.00066	-33.23	-51.62	0.00064
-31.82	-53.03	0.00062	-30.41	-54.45	0.00060
-28.28	-56.57	0.00056	-24.75	-60.10	0.00051
-21.21	-63.64	0.00047	-14.14	-70.71	0.00040
-7.07	-77.78	0.00034	0.00	-84.85	0.00029
7.07	-91.92	0.00025	14.14	-98.99	0.00022
21.21	-106.07	0.00019	28.28	-113.14	0.00017
-106.07	35.36	0.00087	-98.99	28.28	0.00091
-91.92	21.21	0.00093	-84.85	14.14	0.00095
-77.78	7.07	0.00094	-70.71	0.00	0.00093
-63.64	-7.07	0.00091	-56.57	-14.14	0.00087
-53.03	-17.68	0.00084	-49.50	-21.21	0.00081
-47.38	-23.33	0.00078	-45.96	-24.75	0.00077
-44.55	-26.16	0.00075	-43.13	-27.58	0.00074
-41.72	-28.99	0.00072	-28.99	-41.72	0.00059
-27.58	-43.13	0.00057	-26.16	-44.55	0.00056
-24.75	-45.96	0.00054	-23.33	-47.38	0.00052
-21.21	-49.50	0.00050	-17.68	-53.03	0.00046

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-14.14	-56.57	0.00042	-7.07	-63.64	0.00036
0.00	-70.71	0.00031	7.07	-77.78	0.00027
14.14	-84.85	0.00024	21.21	-91.92	0.00021
28.28	-98.99	0.00018	35.36	-106.07	0.00016
-98.99	42.43	0.00078	-91.92	35.36	0.00080
-84.85	28.28	0.00081	-77.78	21.21	0.00082
-70.71	14.14	0.00081	-63.64	7.07	0.00080
-56.57	0.00	0.00078	-49.50	-7.07	0.00074
-45.96	-10.61	0.00072	-42.43	-14.14	0.00069

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 111
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00067	-38.89	-17.68	0.00066
-37.48	-19.09	0.00065	-36.06	-20.51	0.00063
-34.65	-21.92	0.00062	-21.92	-34.65	0.00051
-20.51	-36.06	0.00050	-19.09	-37.48	0.00049
-17.68	-38.89	0.00048	-16.26	-40.31	0.00046
-14.14	-42.43	0.00045	-10.61	-45.96	0.00041
-7.07	-49.50	0.00038	0.00	-56.57	0.00033
7.07	-63.64	0.00029	14.14	-70.71	0.00025
21.21	-77.78	0.00022	28.28	-84.85	0.00019
35.36	-91.92	0.00017	42.43	-98.99	0.00015
-91.92	49.50	0.00070	-84.85	42.43	0.00071
-77.78	35.36	0.00071	-70.71	28.28	0.00071
-63.64	21.21	0.00071	-56.57	14.14	0.00070
-49.50	7.07	0.00067	-42.43	0.00	0.00064
-38.89	-3.54	0.00062	-35.36	-7.07	0.00059
-33.23	-9.19	0.00058	-31.82	-10.61	0.00057
-30.41	-12.02	0.00056	-28.99	-13.44	0.00055
-27.58	-14.85	0.00054	-14.85	-27.58	0.00045
-13.44	-28.99	0.00044	-12.02	-30.41	0.00043
-10.61	-31.82	0.00042	-9.19	-33.23	0.00041
-7.07	-35.36	0.00040	-3.54	-38.89	0.00037
0.00	-42.43	0.00035	7.07	-49.50	0.00030
14.14	-56.57	0.00026	21.21	-63.64	0.00024
28.28	-70.71	0.00021	35.36	-77.78	0.00018
42.43	-84.85	0.00016	49.50	-91.92	0.00014

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-84.85	56.57	0.00062	-77.78	49.50	0.00063
-70.71	42.43	0.00063	-63.64	35.36	0.00063
-56.57	28.28	0.00062	-49.50	21.21	0.00061
-42.43	14.14	0.00059	-35.36	7.07	0.00056
-31.82	3.54	0.00054	-28.28	0.00	0.00052
-26.16	-2.12	0.00051	-24.75	-3.54	0.00050
-23.33	-4.95	0.00049	-21.92	-6.36	0.00048
-20.51	-7.78	0.00047	-7.78	-20.51	0.00040
-6.36	-21.92	0.00040	-4.95	-23.33	0.00039
-3.54	-24.75	0.00038	-2.12	-26.16	0.00037
0.00	-28.28	0.00036	3.54	-31.82	0.00034
7.07	-35.36	0.00031	14.14	-42.43	0.00027
21.21	-49.50	0.00024	28.28	-56.57	0.00022
35.36	-63.64	0.00020	42.43	-70.71	0.00017
49.50	-77.78	0.00016	56.57	-84.85	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 112
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00056	-70.71	56.57	0.00056
-63.64	49.50	0.00056	-56.57	42.43	0.00056
-49.50	35.36	0.00055	-42.43	28.28	0.00054
-35.36	21.21	0.00052	-28.28	14.14	0.00049
-24.75	10.61	0.00047	-21.21	7.07	0.00046
-19.09	4.95	0.00045	-17.68	3.54	0.00044
-16.26	2.12	0.00043	-14.85	0.71	0.00043
-13.44	-0.71	0.00042	-0.71	-13.44	0.00036
0.71	-14.85	0.00035	2.12	-16.26	0.00035
3.54	-17.68	0.00034	4.95	-19.09	0.00033
7.07	-21.21	0.00032	10.61	-24.75	0.00031
14.14	-28.28	0.00029	21.21	-35.36	0.00025
28.28	-42.43	0.00022	35.36	-49.50	0.00020
42.43	-56.57	0.00018	49.50	-63.64	0.00016
56.57	-70.71	0.00015	63.64	-77.78	0.00013
-70.71	70.71	0.00050	-63.64	63.64	0.00050
-56.57	56.57	0.00050	-49.50	49.50	0.00050
-42.43	42.43	0.00049	-35.36	35.36	0.00047
-28.28	28.28	0.00046	-21.21	21.21	0.00043

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-17.68	17.68	0.00042	-14.14	14.14	0.00040
-12.02	12.02	0.00040	-10.61	10.61	0.00039
-9.19	9.19	0.00038	-7.78	7.78	0.00038
-6.36	6.36	0.00037	6.36	-6.36	0.00032
7.78	-7.78	0.00032	9.19	-9.19	0.00031
10.61	-10.61	0.00031	12.02	-12.02	0.00030
14.14	-14.14	0.00029	17.68	-17.68	0.00028
21.21	-21.21	0.00026	28.28	-28.28	0.00023
35.36	-35.36	0.00021	42.43	-42.43	0.00019
49.50	-49.50	0.00017	56.57	-56.57	0.00016
63.64	-63.64	0.00014	70.71	-70.71	0.00013
-63.64	77.78	0.00045	-56.57	70.71	0.00045
-49.50	63.64	0.00045	-42.43	56.57	0.00044
-35.36	49.50	0.00044	-28.28	42.43	0.00042
-21.21	35.36	0.00041	-14.14	28.28	0.00039
-10.61	24.75	0.00037	-7.07	21.21	0.00036
-4.95	19.09	0.00035	-3.54	17.68	0.00035
-2.12	16.26	0.00034	-0.71	14.85	0.00034
0.71	13.44	0.00033	13.44	0.71	0.00029
14.85	-0.71	0.00029	16.26	-2.12	0.00028
17.68	-3.54	0.00028	19.09	-4.95	0.00028

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25

**MODELOPTs:
 PAGE 113

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00027	24.75	-10.61	0.00026
28.28	-14.14	0.00024	35.36	-21.21	0.00022
42.43	-28.28	0.00019	49.50	-35.36	0.00017
56.57	-42.43	0.00016	63.64	-49.50	0.00015
70.71	-56.57	0.00013	77.78	-63.64	0.00012
-56.57	84.85	0.00041	-49.50	77.78	0.00041
-42.43	70.71	0.00041	-35.36	63.64	0.00040
-28.28	56.57	0.00039	-21.21	49.50	0.00038
-14.14	42.43	0.00036	-7.07	35.36	0.00035
-3.54	31.82	0.00034	0.00	28.28	0.00033
2.12	26.16	0.00032	3.54	24.75	0.00031
4.95	23.33	0.00031	6.36	21.92	0.00031
7.78	20.51	0.00030	20.51	7.78	0.00027

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

21.92	6.36	0.00026	23.33	4.95	0.00026
24.75	3.54	0.00026	26.16	2.12	0.00025
28.28	0.00	0.00025	31.82	-3.54	0.00023
35.36	-7.07	0.00022	42.43	-14.14	0.00020
49.50	-21.21	0.00018	56.57	-28.28	0.00016
63.64	-35.36	0.00015	70.71	-42.43	0.00014
77.78	-49.50	0.00013	84.85	-56.57	0.00012
-49.50	91.92	0.00037	-42.43	84.85	0.00037
-35.36	77.78	0.00037	-28.28	70.71	0.00036
-21.21	63.64	0.00035	-14.14	56.57	0.00034
-7.07	49.50	0.00033	0.00	42.43	0.00031
3.54	38.89	0.00030	7.07	35.36	0.00029
9.19	33.23	0.00029	10.61	31.82	0.00028
12.02	30.41	0.00028	13.44	28.99	0.00028
14.85	27.58	0.00027	27.58	14.85	0.00024
28.99	13.44	0.00024	30.41	12.02	0.00024
31.82	10.61	0.00023	33.23	9.19	0.00023
35.36	7.07	0.00023	38.89	3.54	0.00022
42.43	0.00	0.00021	49.50	-7.07	0.00019
56.57	-14.14	0.00017	63.64	-21.21	0.00015
70.71	-28.28	0.00014	77.78	-35.36	0.00013
84.85	-42.43	0.00012	91.92	-49.50	0.00011
-42.43	98.99	0.00034	-35.36	91.92	0.00034
-28.28	84.85	0.00033	-21.21	77.78	0.00033
-14.14	70.71	0.00032	-7.07	63.64	0.00031
0.00	56.57	0.00030	7.07	49.50	0.00028
10.61	45.96	0.00028	14.14	42.43	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 114
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00026	17.68	38.89	0.00026
19.09	37.48	0.00026	20.51	36.06	0.00025
21.92	34.65	0.00025	34.65	21.92	0.00022
36.06	20.51	0.00022	37.48	19.09	0.00022
38.89	17.68	0.00022	40.31	16.26	0.00021
42.43	14.14	0.00021	45.96	10.61	0.00020
49.50	7.07	0.00019	56.57	0.00	0.00017

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

63.64	-7.07	0.00016	70.71	-14.14	0.00014
77.78	-21.21	0.00013	84.85	-28.28	0.00012
91.92	-35.36	0.00011	98.99	-42.43	0.00010
-35.36	106.07	0.00031	-28.28	98.99	0.00031
-21.21	91.92	0.00031	-14.14	84.85	0.00030
-7.07	77.78	0.00029	0.00	70.71	0.00028
7.07	63.64	0.00027	14.14	56.57	0.00026
17.68	53.03	0.00025	21.21	49.50	0.00024
23.33	47.38	0.00024	24.75	45.96	0.00024
26.16	44.55	0.00023	27.58	43.13	0.00023
28.99	41.72	0.00023	41.72	28.99	0.00021
43.13	27.58	0.00020	44.55	26.16	0.00020
45.96	24.75	0.00020	47.38	23.33	0.00020
49.50	21.21	0.00019	53.03	17.68	0.00019
56.57	14.14	0.00018	63.64	7.07	0.00016
70.71	0.00	0.00015	77.78	-7.07	0.00013
84.85	-14.14	0.00012	91.92	-21.21	0.00011
98.99	-28.28	0.00011	106.07	-35.36	0.00010
-28.28	113.14	0.00029	-21.21	106.07	0.00028
-14.14	98.99	0.00028	-7.07	91.92	0.00027
0.00	84.85	0.00027	7.07	77.78	0.00026
14.14	70.71	0.00025	21.21	63.64	0.00024
24.75	60.10	0.00023	28.28	56.57	0.00022
30.41	54.45	0.00022	31.82	53.03	0.00022
33.23	51.62	0.00022	34.65	50.20	0.00021
36.06	48.79	0.00021	48.79	36.06	0.00019
50.20	34.65	0.00019	51.62	33.23	0.00019
53.03	31.82	0.00018	54.45	30.41	0.00018
56.57	28.28	0.00018	60.10	24.75	0.00017
63.64	21.21	0.00017	70.71	14.14	0.00015
77.78	7.07	0.00014	84.85	0.00	0.00013
91.92	-7.07	0.00012	98.99	-14.14	0.00011
106.07	-21.21	0.00010	113.14	-28.28	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 115
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00026	-14.14	113.14	0.00026

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-7.07	106.07	0.00026	0.00	98.99	0.00025
7.07	91.92	0.00025	14.14	84.85	0.00024
21.21	77.78	0.00023	28.28	70.71	0.00022
31.82	67.18	0.00021	35.36	63.64	0.00021
37.48	61.52	0.00020	38.89	60.10	0.00020
40.31	58.69	0.00020	41.72	57.28	0.00020
43.13	55.86	0.00019	55.86	43.13	0.00018
57.28	41.72	0.00017	58.69	40.31	0.00017
60.10	38.89	0.00017	61.52	37.48	0.00017
63.64	35.36	0.00017	67.18	31.82	0.00016
70.71	28.28	0.00016	77.78	21.21	0.00014
84.85	14.14	0.00013	91.92	7.07	0.00012
98.99	0.00	0.00011	106.07	-7.07	0.00010
113.14	-14.14	0.00010	120.21	-21.21	0.00009
-14.14	127.28	0.00024	-7.07	120.21	0.00024
0.00	113.14	0.00024	7.07	106.07	0.00023
14.14	98.99	0.00023	21.21	91.92	0.00022
28.28	84.85	0.00021	35.36	77.78	0.00020
38.89	74.25	0.00020	42.43	70.71	0.00019
44.55	68.59	0.00019	45.96	67.18	0.00019
47.38	65.76	0.00018	48.79	64.35	0.00018
50.20	62.93	0.00018	62.93	50.20	0.00016
64.35	48.79	0.00016	65.76	47.38	0.00016
67.18	45.96	0.00016	68.59	44.55	0.00016
70.71	42.43	0.00015	74.25	38.89	0.00015
77.78	35.36	0.00015	84.85	28.28	0.00013
91.92	21.21	0.00012	98.99	14.14	0.00011
106.07	7.07	0.00010	113.14	0.00	0.00010
120.21	-7.07	0.00009	127.28	-14.14	0.00009
-7.07	134.35	0.00023	0.00	127.28	0.00022
7.07	120.21	0.00022	14.14	113.14	0.00021
21.21	106.07	0.00021	28.28	98.99	0.00020
35.36	91.92	0.00019	42.43	84.85	0.00019
45.96	81.32	0.00018	49.50	77.78	0.00018
51.62	75.66	0.00017	53.03	74.25	0.00017
54.45	72.83	0.00017	55.86	71.42	0.00017
57.28	70.00	0.00017	70.00	57.28	0.00015
71.42	55.86	0.00015	72.83	54.45	0.00015
74.25	53.03	0.00015	75.66	51.62	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
77.78	49.50	0.00014	81.32	45.96	0.00014	
84.85	42.43	0.00014	91.92	35.36	0.00013	
98.99	28.28	0.00012	106.07	21.21	0.00011	
113.14	14.14	0.00010	120.21	7.07	0.00009	
127.28	0.00	0.00009	134.35	-7.07	0.00008	
0.00	141.42	0.00021	7.07	134.35	0.00021	
14.14	127.28	0.00020	21.21	120.21	0.00020	
28.28	113.14	0.00019	35.36	106.07	0.00019	
42.43	98.99	0.00018	49.50	91.92	0.00017	
53.03	88.39	0.00017	56.57	84.85	0.00016	
58.69	82.73	0.00016	60.10	81.32	0.00016	
61.52	79.90	0.00016	62.93	78.49	0.00016	
64.35	77.07	0.00016	77.07	64.35	0.00014	
78.49	62.93	0.00014	79.90	61.52	0.00014	
81.32	60.10	0.00014	82.73	58.69	0.00014	
84.85	56.57	0.00014	88.39	53.03	0.00013	
91.92	49.50	0.00013	98.99	42.43	0.00012	
106.07	35.36	0.00011	113.14	28.28	0.00010	
120.21	21.21	0.00009	127.28	14.14	0.00009	
134.35	7.07	0.00008	141.42	0.00	0.00008	
7.07	148.49	0.00020	14.14	141.42	0.00019	
21.21	134.35	0.00019	28.28	127.28	0.00019	
35.36	120.21	0.00018	42.43	113.14	0.00017	
49.50	106.07	0.00017	56.57	98.99	0.00016	
60.10	95.46	0.00016	63.64	91.92	0.00015	
65.76	89.80	0.00015	67.18	88.39	0.00015	
68.59	86.97	0.00015	70.00	85.56	0.00015	
71.42	84.15	0.00015	84.15	71.42	0.00013	
85.56	70.00	0.00013	86.97	68.59	0.00013	
88.39	67.18	0.00013	89.80	65.76	0.00013	
91.92	63.64	0.00013	95.46	60.10	0.00012	
98.99	56.57	0.00012	106.07	49.50	0.00011	
113.14	42.43	0.00011	120.21	35.36	0.00010	
127.28	28.28	0.00009	134.35	21.21	0.00008	
141.42	14.14	0.00008	148.49	7.07	0.00007	
14.14	155.56	0.00018	21.21	148.49	0.00018	
28.28	141.42	0.00018	35.36	134.35	0.00017	
42.43	127.28	0.00017	49.50	120.21	0.00016	
56.57	113.14	0.00016	63.64	106.07	0.00015	

67.18 102.53 0.00015 70.71 98.99 0.00014

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00014	74.25	95.46	0.00014
75.66	94.05	0.00014	77.07	92.63	0.00014
78.49	91.22	0.00014	91.22	78.49	0.00013
92.63	77.07	0.00012	94.05	75.66	0.00012
95.46	74.25	0.00012	96.87	72.83	0.00012
98.99	70.71	0.00012	102.53	67.18	0.00012
106.07	63.64	0.00011	113.14	56.57	0.00011
120.21	49.50	0.00010	127.28	42.43	0.00009
134.35	35.36	0.00009	141.42	28.28	0.00008
148.49	21.21	0.00008	155.56	14.14	0.00007
21.21	162.63	0.00017	28.28	155.56	0.00017
35.36	148.49	0.00016	42.43	141.42	0.00016
49.50	134.35	0.00016	56.57	127.28	0.00015
63.64	120.21	0.00015	70.71	113.14	0.00014
74.25	109.60	0.00014	77.78	106.07	0.00013
79.90	103.94	0.00013	81.32	102.53	0.00013
82.73	101.12	0.00013	84.15	99.70	0.00013
85.56	98.29	0.00013	98.29	85.56	0.00012
99.70	84.15	0.00012	101.12	82.73	0.00012
102.53	81.32	0.00012	103.94	79.90	0.00011
106.07	77.78	0.00011	109.60	74.25	0.00011
113.14	70.71	0.00011	120.21	63.64	0.00010
127.28	56.57	0.00010	134.35	49.50	0.00009
141.42	42.43	0.00008	148.49	35.36	0.00008
155.56	28.28	0.00007	162.63	21.21	0.00007
28.28	169.71	0.00016	35.36	162.63	0.00016
42.43	155.56	0.00015	49.50	148.49	0.00015
56.57	141.42	0.00015	63.64	134.35	0.00014
70.71	127.28	0.00014	77.78	120.21	0.00013
81.32	116.67	0.00013	84.85	113.14	0.00013
86.97	111.02	0.00012	88.39	109.60	0.00012
89.80	108.19	0.00012	91.22	106.77	0.00012
92.63	105.36	0.00012	105.36	92.63	0.00011

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

106.77	91.22	0.00011	108.19	89.80	0.00011
109.60	88.39	0.00011	111.02	86.97	0.00011
113.14	84.85	0.00011	116.67	81.32	0.00010
120.21	77.78	0.00010	127.28	70.71	0.00010
134.35	63.64	0.00009	141.42	56.57	0.00008
148.49	49.50	0.00008	155.56	42.43	0.00007
162.63	35.36	0.00007	169.71	28.28	0.00006

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00015	42.43	169.71	0.00015
49.50	162.63	0.00014	56.57	155.56	0.00014
63.64	148.49	0.00014	70.71	141.42	0.00013
77.78	134.35	0.00013	84.85	127.28	0.00012
88.39	123.74	0.00012	91.92	120.21	0.00012
94.05	118.09	0.00012	95.46	116.67	0.00012
96.87	115.26	0.00011	98.29	113.84	0.00011
99.70	112.43	0.00011	112.43	99.70	0.00011
113.84	98.29	0.00010	115.26	96.87	0.00010
116.67	95.46	0.00010	118.09	94.05	0.00010
120.21	91.92	0.00010	123.74	88.39	0.00010
127.28	84.85	0.00010	134.35	77.78	0.00009
141.42	70.71	0.00009	148.49	63.64	0.00008
155.56	56.57	0.00008	162.63	49.50	0.00007
169.71	42.43	0.00007	176.78	35.36	0.00006
42.43	183.85	0.00014	49.50	176.78	0.00014
56.57	169.71	0.00014	63.64	162.63	0.00013
70.71	155.56	0.00013	77.78	148.49	0.00012
84.85	141.42	0.00012	91.92	134.35	0.00012
95.46	130.81	0.00011	98.99	127.28	0.00011
101.12	125.16	0.00011	102.53	123.74	0.00011
103.94	122.33	0.00011	105.36	120.92	0.00011
106.77	119.50	0.00011	119.50	106.77	0.00010
120.92	105.36	0.00010	122.33	103.94	0.00010
123.74	102.53	0.00010	125.16	101.12	0.00010
127.28	98.99	0.00010	130.81	95.46	0.00009
134.35	91.92	0.00009	141.42	84.85	0.00009

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

148.49	77.78	0.00008	155.56	70.71	0.00008
162.63	63.64	0.00007	169.71	56.57	0.00007
176.78	49.50	0.00006	183.85	42.43	0.00006
49.50	190.92	0.00013	56.57	183.85	0.00013
63.64	176.78	0.00013	70.71	169.71	0.00013
77.78	162.63	0.00012	84.85	155.56	0.00012
91.92	148.49	0.00011	98.99	141.42	0.00011
102.53	137.89	0.00011	106.07	134.35	0.00011
108.19	132.23	0.00010	109.60	130.81	0.00010
111.02	129.40	0.00010	112.43	127.99	0.00010
113.84	126.57	0.00010	126.57	113.84	0.00009
127.99	112.43	0.00009	129.40	111.02	0.00009
130.81	109.60	0.00009	132.23	108.19	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00009	137.89	102.53	0.00009
141.42	98.99	0.00009	148.49	91.92	0.00008
155.56	84.85	0.00008	162.63	77.78	0.00007
169.71	70.71	0.00007	176.78	63.64	0.00007
183.85	56.57	0.00006	190.92	49.50	0.00006
56.57	197.99	0.00013	63.64	190.92	0.00012
70.71	183.85	0.00012	77.78	176.78	0.00012
84.85	169.71	0.00011	91.92	162.63	0.00011
98.99	155.56	0.00011	106.07	148.49	0.00010
109.60	144.96	0.00010	113.14	141.42	0.00010
115.26	139.30	0.00010	116.67	137.89	0.00010
118.09	136.47	0.00010	119.50	135.06	0.00010
120.92	133.64	0.00010	133.64	120.92	0.00009
135.06	119.50	0.00009	136.47	118.09	0.00009
137.89	116.67	0.00009	139.30	115.26	0.00009
141.42	113.14	0.00009	144.96	109.60	0.00008
148.49	106.07	0.00008	155.56	98.99	0.00008
162.63	91.92	0.00008	169.71	84.85	0.00007
176.78	77.78	0.00007	183.85	70.71	0.00006
190.92	63.64	0.00006	197.99	56.57	0.00006
63.64	205.06	0.00012	70.71	197.99	0.00012

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

77.78	190.92	0.00011	84.85	183.85	0.00011
91.92	176.78	0.00011	98.99	169.71	0.00010
106.07	162.63	0.00010	113.14	155.56	0.00010
116.67	152.03	0.00010	120.21	148.49	0.00009
122.33	146.37	0.00009	123.74	144.96	0.00009
125.16	143.54	0.00009	126.57	142.13	0.00009
127.99	140.71	0.00009	140.71	127.99	0.00009
142.13	126.57	0.00008	143.54	125.16	0.00008
144.96	123.74	0.00008	146.37	122.33	0.00008
148.49	120.21	0.00008	152.03	116.67	0.00008
155.56	113.14	0.00008	162.63	106.07	0.00008
169.71	98.99	0.00007	176.78	91.92	0.00007
183.85	84.85	0.00006	190.92	77.78	0.00006
197.99	70.71	0.00006	205.06	63.64	0.00005
70.71	212.13	0.00011	77.78	205.06	0.00011
84.85	197.99	0.00011	91.92	190.92	0.00011
98.99	183.85	0.00010	106.07	176.78	0.00010
113.14	169.71	0.00010	120.21	162.63	0.00009
123.74	159.10	0.00009	127.28	155.56	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00009	130.81	152.03	0.00009
132.23	150.61	0.00009	133.64	149.20	0.00009
135.06	147.79	0.00009	147.79	135.06	0.00008
149.20	133.64	0.00008	150.61	132.23	0.00008
152.03	130.81	0.00008	153.44	129.40	0.00008
155.56	127.28	0.00008	159.10	123.74	0.00008
162.63	120.21	0.00008	169.71	113.14	0.00007
176.78	106.07	0.00007	183.85	98.99	0.00007
190.92	91.92	0.00006	197.99	84.85	0.00006
205.06	77.78	0.00005	212.13	70.71	0.00005
77.78	219.20	0.00011	84.85	212.13	0.00010
91.92	205.06	0.00010	98.99	197.99	0.00010
106.07	190.92	0.00010	113.14	183.85	0.00009
120.21	176.78	0.00009	127.28	169.71	0.00009
130.81	166.17	0.00009	134.35	162.63	0.00008

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

136.47	160.51	0.00008	137.89	159.10	0.00008
139.30	157.68	0.00008	140.71	156.27	0.00008
142.13	154.86	0.00008	154.86	142.13	0.00008
156.27	140.71	0.00008	157.68	139.30	0.00008
159.10	137.89	0.00008	160.51	136.47	0.00008
162.63	134.35	0.00007	166.17	130.81	0.00007
169.71	127.28	0.00007	176.78	120.21	0.00007
183.85	113.14	0.00007	190.92	106.07	0.00006
197.99	98.99	0.00006	205.06	91.92	0.00006
212.13	84.85	0.00005	219.20	77.78	0.00005
84.85	226.27	0.00010	91.92	219.20	0.00010
98.99	212.13	0.00010	106.07	205.06	0.00009
113.14	197.99	0.00009	120.21	190.92	0.00009
127.28	183.85	0.00009	134.35	176.78	0.00008
137.89	173.24	0.00008	141.42	169.71	0.00008
143.54	167.58	0.00008	144.96	166.17	0.00008
146.37	164.76	0.00008	147.79	163.34	0.00008
149.20	161.93	0.00008	161.93	149.20	0.00007
163.34	147.79	0.00007	164.76	146.37	0.00007
166.17	144.96	0.00007	167.58	143.54	0.00007
169.71	141.42	0.00007	173.24	137.89	0.00007
176.78	134.35	0.00007	183.85	127.28	0.00007
190.92	120.21	0.00006	197.99	113.14	0.00006
205.06	106.07	0.00006	212.13	98.99	0.00005
219.20	91.92	0.00005	226.27	84.85	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 , ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00010	98.99	226.27	0.00009
106.07	219.20	0.00009	113.14	212.13	0.00009
120.21	205.06	0.00009	127.28	197.99	0.00008
134.35	190.92	0.00008	141.42	183.85	0.00008
144.96	180.31	0.00008	148.49	176.78	0.00008
150.61	174.66	0.00008	152.03	173.24	0.00008
153.44	171.83	0.00008	154.86	170.41	0.00007
156.27	169.00	0.00007	169.00	156.27	0.00007
170.41	154.86	0.00007	171.83	153.44	0.00007

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

173.24	152.03	0.00007	174.66	150.61	0.00007
176.78	148.49	0.00007	180.31	144.96	0.00007
183.85	141.42	0.00007	190.92	134.35	0.00006
197.99	127.28	0.00006	205.06	120.21	0.00006
212.13	113.14	0.00006	219.20	106.07	0.00005
226.27	98.99	0.00005	233.35	91.92	0.00005
98.99	240.42	0.00009	106.07	233.35	0.00009
113.14	226.27	0.00009	120.21	219.20	0.00009
127.28	212.13	0.00008	134.35	205.06	0.00008
141.42	197.99	0.00008	148.49	190.92	0.00008
152.03	187.38	0.00007	155.56	183.85	0.00007
157.68	181.73	0.00007	159.10	180.31	0.00007
160.51	178.90	0.00007	161.93	177.48	0.00007
163.34	176.07	0.00007	176.07	163.34	0.00007
177.48	161.93	0.00007	178.90	160.51	0.00007
180.31	159.10	0.00007	181.73	157.68	0.00007
183.85	155.56	0.00007	187.38	152.03	0.00006
190.92	148.49	0.00006	197.99	141.42	0.00006
205.06	134.35	0.00006	212.13	127.28	0.00006
219.20	120.21	0.00005	226.27	113.14	0.00005
233.35	106.07	0.00005	240.42	98.99	0.00005
106.07	247.49	0.00009	113.14	240.42	0.00009
120.21	233.35	0.00008	127.28	226.27	0.00008
134.35	219.20	0.00008	141.42	212.13	0.00008
148.49	205.06	0.00007	155.56	197.99	0.00007
159.10	194.45	0.00007	162.63	190.92	0.00007
164.76	188.80	0.00007	166.17	187.38	0.00007
167.58	185.97	0.00007	169.00	184.55	0.00007
170.41	183.14	0.00007	183.14	170.41	0.00006
184.55	169.00	0.00006	185.97	167.58	0.00006
187.38	166.17	0.00006	188.80	164.76	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00006	194.45	159.10	0.00006
197.99	155.56	0.00006	205.06	148.49	0.00006
212.13	141.42	0.00006	219.20	134.35	0.00005

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

226.27	127.28	0.00005	233.35	120.21	0.00005
240.42	113.14	0.00005	247.49	106.07	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00134	-240.42	-113.14	0.00149
-233.35	-120.21	0.00166	-226.27	-127.28	0.00187
-219.20	-134.35	0.00213	-212.13	-141.42	0.00244
-205.06	-148.49	0.00283	-197.99	-155.56	0.00330
-194.45	-159.10	0.00357	-190.92	-162.63	0.00386
-188.80	-164.76	0.00405	-187.38	-166.17	0.00417
-185.97	-167.58	0.00430	-184.55	-169.00	0.00442
-183.14	-170.41	0.00455	-170.41	-183.14	0.00527
-169.00	-184.55	0.00527	-167.58	-185.97	0.00526
-166.17	-187.38	0.00522	-164.76	-188.80	0.00517
-162.63	-190.92	0.00505	-159.10	-194.45	0.00480
-155.56	-197.99	0.00451	-148.49	-205.06	0.00396
-141.42	-212.13	0.00348	-134.35	-219.20	0.00306
-127.28	-226.27	0.00271	-120.21	-233.35	0.00242
-113.14	-240.42	0.00217	-106.07	-247.49	0.00196
-240.42	-98.99	0.00138	-233.35	-106.07	0.00154
-226.27	-113.14	0.00173	-219.20	-120.21	0.00195
-212.13	-127.28	0.00222	-205.06	-134.35	0.00255
-197.99	-141.42	0.00297	-190.92	-148.49	0.00350
-187.38	-152.03	0.00383	-183.85	-155.56	0.00420
-181.73	-157.68	0.00444	-180.31	-159.10	0.00462
-178.90	-160.51	0.00480	-177.48	-161.93	0.00498
-176.07	-163.34	0.00517	-163.34	-176.07	0.00624
-161.93	-177.48	0.00619	-160.51	-178.90	0.00609
-159.10	-180.31	0.00598	-157.68	-181.73	0.00584
-155.56	-183.85	0.00561	-152.03	-187.38	0.00523
-148.49	-190.92	0.00485	-141.42	-197.99	0.00418
-134.35	-205.06	0.00363	-127.28	-212.13	0.00317
-120.21	-219.20	0.00280	-113.14	-226.27	0.00248
-106.07	-233.35	0.00222	-98.99	-240.42	0.00200
-233.35	-91.92	0.00143	-226.27	-99.00	0.00160
-219.20	-106.07	0.00180	-212.13	-113.14	0.00204

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-205.06	-120.21	0.00232	-197.99	-127.28	0.00268
-190.92	-134.35	0.00312	-183.85	-141.42	0.00369
-180.31	-144.96	0.00404	-176.78	-148.49	0.00446
-174.66	-150.61	0.00474	-173.24	-152.03	0.00496
-171.83	-153.44	0.00520	-170.41	-154.86	0.00548
-169.00	-156.27	0.00580	-156.27	-169.00	0.00726
-154.86	-170.41	0.00702	-153.44	-171.83	0.00678
-152.03	-173.24	0.00655	-150.61	-174.66	0.00633

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 124
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00602	-144.96	-180.31	0.00553
-141.42	-183.85	0.00509	-134.35	-190.92	0.00435
-127.28	-197.99	0.00375	-120.21	-205.06	0.00327
-113.14	-212.13	0.00287	-106.07	-219.20	0.00254
-98.99	-226.27	0.00227	-91.92	-233.35	0.00204
-226.27	-84.85	0.00149	-219.20	-91.92	0.00167
-212.13	-99.00	0.00188	-205.06	-106.07	0.00213
-197.99	-113.14	0.00244	-190.92	-120.21	0.00283
-183.85	-127.28	0.00331	-176.78	-134.35	0.00394
-173.24	-137.89	0.00433	-169.71	-141.42	0.00480
-167.58	-143.54	0.00515	-166.17	-144.96	0.00542
-164.76	-146.37	0.00573	-163.34	-147.79	0.00613
-161.93	-149.20	0.00668	-149.20	-161.93	0.00776
-147.79	-163.34	0.00743	-146.37	-164.76	0.00713
-144.96	-166.17	0.00686	-143.54	-167.58	0.00661
-141.42	-169.71	0.00626	-137.89	-173.24	0.00574
-134.35	-176.78	0.00527	-127.28	-183.85	0.00449
-120.21	-190.92	0.00386	-113.14	-197.99	0.00335
-106.07	-205.06	0.00294	-98.99	-212.13	0.00260
-91.92	-219.20	0.00231	-84.85	-226.27	0.00207
-219.20	-77.78	0.00155	-212.13	-84.85	0.00174
-205.06	-91.92	0.00197	-197.99	-99.00	0.00225
-190.92	-106.07	0.00260	-183.85	-113.14	0.00303
-176.78	-120.21	0.00360	-169.71	-127.28	0.00442
-166.17	-130.81	0.00500	-162.63	-134.35	0.00579
-160.51	-136.47	0.00641	-159.10	-137.89	0.00689

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-157.68	-139.30	0.00743	-156.27	-140.71	0.00804
-154.86	-142.13	0.00874	-142.13	-154.86	0.00815
-140.71	-156.27	0.00774	-139.30	-157.68	0.00740
-137.89	-159.10	0.00710	-136.47	-160.51	0.00682
-134.35	-162.63	0.00644	-130.81	-166.17	0.00589
-127.28	-169.71	0.00540	-120.21	-176.78	0.00458
-113.14	-183.85	0.00393	-106.07	-190.92	0.00341
-98.99	-197.99	0.00299	-91.92	-205.06	0.00263
-84.85	-212.13	0.00234	-77.78	-219.20	0.00209
-212.13	-70.71	0.00162	-205.06	-77.78	0.00183
-197.99	-84.85	0.00208	-190.92	-91.92	0.00240
-183.85	-98.99	0.00280	-176.78	-106.07	0.00333
-169.71	-113.14	0.00408	-162.63	-120.21	0.00525
-159.10	-123.74	0.00606	-155.56	-127.28	0.00705

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25

**MODELOPTs:
 PAGE 125

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00773	-152.03	-130.81	0.00822
-150.61	-132.23	0.00874	-149.20	-133.64	0.00929
-147.79	-135.06	0.00993	-135.06	-147.79	0.00854
-133.64	-149.20	0.00808	-132.23	-150.61	0.00769
-130.81	-152.03	0.00735	-129.40	-153.44	0.00704
-127.28	-155.56	0.00663	-123.74	-159.10	0.00603
-120.21	-162.63	0.00551	-113.14	-169.71	0.00466
-106.07	-176.78	0.00400	-98.99	-183.85	0.00346
-91.92	-190.92	0.00302	-84.85	-197.99	0.00266
-77.78	-205.06	0.00236	-70.71	-212.13	0.00211
-205.06	-63.64	0.00170	-197.99	-70.71	0.00193
-190.92	-77.78	0.00222	-183.85	-84.85	0.00258
-176.78	-91.92	0.00306	-169.71	-98.99	0.00373
-162.63	-106.07	0.00469	-155.56	-113.14	0.00607
-152.03	-116.67	0.00693	-148.49	-120.21	0.00792
-146.37	-122.33	0.00857	-144.96	-123.74	0.00903
-143.54	-125.16	0.00953	-142.13	-126.57	0.01006
-140.71	-127.99	0.01066	-127.99	-140.71	0.00887
-126.57	-142.13	0.00837	-125.16	-143.54	0.00795
-123.74	-144.96	0.00759	-122.33	-146.37	0.00725

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-120.21	-148.49	0.00681	-116.67	-152.03	0.00617
-113.14	-155.56	0.00562	-106.07	-162.63	0.00474
-98.99	-169.71	0.00405	-91.92	-176.78	0.00350
-84.85	-183.85	0.00305	-77.78	-190.92	0.00269
-70.71	-197.99	0.00238	-63.64	-205.06	0.00213
-197.99	-56.57	0.00179	-190.92	-63.64	0.00205
-183.85	-70.71	0.00238	-176.78	-77.78	0.00281
-169.71	-84.85	0.00339	-162.63	-91.92	0.00418
-155.56	-98.99	0.00525	-148.49	-106.07	0.00668
-144.96	-109.60	0.00753	-141.42	-113.14	0.00849
-139.30	-115.26	0.00913	-137.89	-116.67	0.00958
-136.47	-118.09	0.01006	-135.06	-119.50	0.01057
-133.64	-120.92	0.01115	-120.92	-133.64	0.00913
-119.50	-135.06	0.00861	-118.09	-136.47	0.00817
-116.67	-137.89	0.00778	-115.26	-139.30	0.00744
-113.14	-141.42	0.00697	-109.60	-144.96	0.00630
-106.07	-148.49	0.00573	-98.99	-155.56	0.00481
-91.92	-162.63	0.00409	-84.85	-169.71	0.00353
-77.78	-176.78	0.00308	-70.71	-183.85	0.00271
-63.64	-190.92	0.00240	-56.57	-197.99	0.00214

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTS:
 PAGE 126
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00190	-183.85	-56.57	0.00219
-176.78	-63.64	0.00257	-169.71	-70.71	0.00306
-162.63	-77.78	0.00372	-155.56	-84.85	0.00458
-148.49	-91.92	0.00570	-141.42	-98.99	0.00712
-137.89	-102.53	0.00796	-134.35	-106.07	0.00890
-132.23	-108.19	0.00953	-130.81	-109.60	0.00997
-129.40	-111.02	0.01044	-127.99	-112.43	0.01094
-126.57	-113.84	0.01150	-113.84	-126.57	0.00934
-112.43	-127.99	0.00880	-111.02	-129.40	0.00835
-109.60	-130.81	0.00795	-108.19	-132.23	0.00759
-106.07	-134.35	0.00711	-102.53	-137.89	0.00641
-98.99	-141.42	0.00582	-91.92	-148.49	0.00487
-84.85	-155.56	0.00414	-77.78	-162.63	0.00356
-70.71	-169.71	0.00310	-63.64	-176.78	0.00272

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-56.57	-183.85	0.00241	-49.50	-190.92	0.00214
-183.85	-42.43	0.00202	-176.78	-49.50	0.00235
-169.71	-56.57	0.00277	-162.63	-63.64	0.00331
-155.56	-70.71	0.00401	-148.49	-77.78	0.00490
-141.42	-84.85	0.00603	-134.35	-91.92	0.00744
-130.81	-95.46	0.00827	-127.28	-98.99	0.00921
-125.16	-101.12	0.00983	-123.74	-102.53	0.01026
-122.33	-103.94	0.01071	-120.92	-105.36	0.01120
-119.50	-106.77	0.01175	-106.77	-119.50	0.00951
-105.36	-120.92	0.00896	-103.94	-122.33	0.00849
-102.53	-123.74	0.00809	-101.12	-125.16	0.00772
-98.99	-127.28	0.00722	-95.46	-130.81	0.00651
-91.92	-134.35	0.00590	-84.85	-141.42	0.00493
-77.78	-148.49	0.00418	-70.71	-155.56	0.00359
-63.64	-162.63	0.00312	-56.57	-169.71	0.00273
-49.50	-176.78	0.00241	-42.43	-183.85	0.00215
-176.78	-35.36	0.00215	-169.71	-42.43	0.00251
-162.63	-49.50	0.00297	-155.56	-56.57	0.00354
-148.49	-63.64	0.00426	-141.42	-70.71	0.00516
-134.35	-77.78	0.00628	-127.28	-84.85	0.00768
-123.74	-88.39	0.00852	-120.21	-91.92	0.00945
-118.09	-94.05	0.01005	-116.67	-95.46	0.01048
-115.26	-96.87	0.01093	-113.84	-98.29	0.01141
-112.43	-99.70	0.01195	-99.70	-112.43	0.00965
-98.29	-113.84	0.00909	-96.87	-115.26	0.00861
-95.46	-116.67	0.00820	-94.05	-118.09	0.00782

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTS:
 PAGE 127

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00731	-88.39	-123.74	0.00659
-84.85	-127.28	0.00597	-77.78	-134.35	0.00498
-70.71	-141.42	0.00421	-63.64	-148.49	0.00362
-56.57	-155.56	0.00314	-49.50	-162.63	0.00274
-42.43	-169.71	0.00242	-35.36	-176.78	0.00215
-169.71	-28.28	0.00228	-162.63	-35.36	0.00267
-155.56	-42.43	0.00314	-148.49	-49.50	0.00373
-141.42	-56.57	0.00446	-134.35	-63.64	0.00536

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-70.71	0.00648	-120.21	-77.78	0.00787
-116.67	-81.32	0.00871	-113.14	-84.85	0.00962
-111.02	-86.97	0.01022	-109.60	-88.39	0.01064
-108.19	-89.80	0.01108	-106.77	-91.22	0.01158
-105.36	-92.63	0.01213	-92.63	-105.36	0.00976
-91.22	-106.77	0.00920	-89.80	-108.19	0.00870
-88.39	-109.60	0.00828	-86.97	-111.02	0.00790
-84.85	-113.14	0.00739	-81.32	-116.67	0.00666
-77.78	-120.21	0.00603	-70.71	-127.28	0.00502
-63.64	-134.35	0.00425	-56.57	-141.42	0.00364
-49.50	-148.49	0.00315	-42.43	-155.56	0.00275
-35.36	-162.63	0.00242	-28.28	-169.71	0.00215
-162.63	-21.21	0.00241	-155.56	-28.28	0.00281
-148.49	-35.36	0.00330	-141.42	-42.43	0.00389
-134.35	-49.50	0.00463	-127.28	-56.57	0.00553
-120.21	-63.64	0.00664	-113.14	-70.71	0.00803
-109.60	-74.25	0.00885	-106.07	-77.78	0.00976
-103.94	-79.90	0.01036	-102.53	-81.32	0.01077
-101.12	-82.73	0.01121	-99.70	-84.15	0.01170
-98.29	-85.56	0.01225	-85.56	-98.29	0.00984
-84.15	-99.70	0.00928	-82.73	-101.12	0.00879
-81.32	-102.53	0.00836	-79.90	-103.94	0.00798
-77.78	-106.07	0.00746	-74.25	-109.60	0.00671
-70.71	-113.14	0.00608	-63.64	-120.21	0.00506
-56.57	-127.28	0.00427	-49.50	-134.35	0.00365
-42.43	-141.42	0.00316	-35.36	-148.49	0.00276
-28.28	-155.56	0.00242	-21.21	-162.63	0.00215
-155.56	-14.14	0.00252	-148.49	-21.21	0.00293
-141.42	-28.28	0.00343	-134.35	-35.36	0.00403
-127.28	-42.43	0.00476	-120.21	-49.50	0.00566
-113.14	-56.57	0.00677	-106.07	-63.64	0.00816
-102.53	-67.18	0.00897	-98.99	-70.71	0.00987

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.01046	-95.46	-74.25	0.01088
-94.05	-75.66	0.01131	-92.63	-77.07	0.01179

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-91.22	-78.49	0.01233	-78.49	-91.22	0.00990
-77.07	-92.63	0.00933	-75.66	-94.05	0.00885
-74.25	-95.46	0.00842	-72.83	-96.87	0.00803
-70.71	-98.99	0.00751	-67.18	-102.53	0.00676
-63.64	-106.07	0.00612	-56.57	-113.14	0.00509
-49.50	-120.21	0.00429	-42.43	-127.28	0.00367
-35.36	-134.35	0.00317	-28.28	-141.42	0.00276
-21.21	-148.49	0.00242	-14.14	-155.56	0.00214
-148.49	-7.07	0.00262	-141.42	-14.14	0.00303
-134.35	-21.21	0.00353	-127.28	-28.28	0.00413
-120.21	-35.36	0.00487	-113.14	-42.43	0.00576
-106.07	-49.50	0.00687	-98.99	-56.57	0.00825
-95.46	-60.10	0.00906	-91.92	-63.64	0.00996
-89.80	-65.76	0.01054	-88.39	-67.18	0.01096
-86.97	-68.59	0.01139	-85.56	-70.00	0.01186
-84.15	-71.42	0.01240	-71.42	-84.15	0.00995
-70.00	-85.56	0.00938	-68.59	-86.97	0.00890
-67.18	-88.39	0.00847	-65.76	-89.80	0.00808
-63.64	-91.92	0.00755	-60.10	-95.46	0.00679
-56.57	-98.99	0.00615	-49.50	-106.07	0.00511
-42.43	-113.14	0.00431	-35.36	-120.21	0.00368
-28.28	-127.28	0.00317	-21.21	-134.35	0.00276
-14.14	-141.42	0.00242	-7.07	-148.49	0.00214
-141.42	0.00	0.00270	-134.35	-7.07	0.00312
-127.28	-14.14	0.00362	-120.21	-21.21	0.00422
-113.14	-28.28	0.00495	-106.07	-35.36	0.00585
-98.99	-42.43	0.00696	-91.92	-49.50	0.00833
-88.39	-53.03	0.00913	-84.85	-56.57	0.01003
-82.73	-58.69	0.01061	-81.32	-60.10	0.01102
-79.90	-61.52	0.01145	-78.49	-62.93	0.01192
-77.07	-64.35	0.01245	-64.35	-77.07	0.00999
-62.93	-78.49	0.00942	-61.52	-79.90	0.00894
-60.10	-81.32	0.00850	-58.69	-82.73	0.00811
-56.57	-84.85	0.00758	-53.03	-88.39	0.00682
-49.50	-91.92	0.00617	-42.43	-98.99	0.00513
-35.36	-106.07	0.00432	-28.28	-113.14	0.00368
-21.21	-120.21	0.00317	-14.14	-127.28	0.00276
-7.07	-134.35	0.00242	0.00	-141.42	0.00213

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTS:
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00278	-127.28	0.00	0.00320
-120.21	-7.07	0.00370	-113.14	-14.14	0.00430
-106.07	-21.21	0.00503	-98.99	-28.28	0.00592
-91.92	-35.36	0.00702	-84.85	-42.43	0.00839
-81.32	-45.96	0.00919	-77.78	-49.50	0.01008
-75.66	-51.62	0.01065	-74.25	-53.03	0.01107
-72.83	-54.45	0.01150	-71.42	-55.86	0.01197
-70.00	-57.28	0.01249	-57.28	-70.00	0.01003
-55.86	-71.42	0.00945	-54.45	-72.83	0.00897
-53.03	-74.25	0.00853	-51.62	-75.66	0.00814
-49.50	-77.78	0.00761	-45.96	-81.32	0.00684
-42.43	-84.85	0.00619	-35.36	-91.92	0.00514
-28.28	-98.99	0.00433	-21.21	-106.07	0.00369
-14.14	-113.14	0.00317	-7.07	-120.21	0.00275
0.00	-127.28	0.00241	7.07	-134.35	0.00212
-127.28	14.14	0.00284	-120.21	7.07	0.00326
-113.14	0.00	0.00376	-106.07	-7.07	0.00436
-98.99	-14.14	0.00509	-91.92	-21.21	0.00598
-84.85	-28.28	0.00708	-77.78	-35.36	0.00844
-74.25	-38.89	0.00923	-70.71	-42.43	0.01012
-68.59	-44.55	0.01070	-67.18	-45.96	0.01111
-65.76	-47.38	0.01154	-64.35	-48.79	0.01201
-62.93	-50.20	0.01253	-50.20	-62.93	0.01005
-48.79	-64.35	0.00948	-47.38	-65.76	0.00899
-45.96	-67.18	0.00855	-44.55	-68.59	0.00816
-42.43	-70.71	0.00763	-38.89	-74.25	0.00685
-35.36	-77.78	0.00620	-28.28	-84.85	0.00514
-21.21	-91.92	0.00433	-14.14	-98.99	0.00368
-7.07	-106.07	0.00317	0.00	-113.14	0.00275
7.07	-120.21	0.00240	14.14	-127.28	0.00211
-120.21	21.21	0.00289	-113.14	14.14	0.00331
-106.07	7.07	0.00381	-98.99	0.00	0.00441
-91.92	-7.07	0.00513	-84.85	-14.14	0.00602
-77.78	-21.21	0.00712	-70.71	-28.28	0.00847
-67.18	-31.82	0.00926	-63.64	-35.36	0.01015
-61.52	-37.48	0.01073	-60.10	-38.89	0.01114
-58.69	-40.31	0.01157	-57.28	-41.72	0.01203
-55.86	-43.13	0.01255	-43.13	-55.86	0.01008
-41.72	-57.28	0.00949	-40.31	-58.69	0.00901
-38.89	-60.10	0.00857	-37.48	-61.52	0.00817

1 *** ISCST3 - VERSION 02035 ***
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*** NCRA Cumulative DPM Impacts

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**MODELOPTs:
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*** Maximum train overlap at NE/SW Bound Direction

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00764	-31.82	-67.18	0.00686
-28.28	-70.71	0.00620	-21.21	-77.78	0.00514
-14.14	-84.85	0.00433	-7.07	-91.92	0.00368
0.00	-98.99	0.00316	7.07	-106.07	0.00274
14.14	-113.14	0.00239	21.21	-120.21	0.00210
-113.14	28.28	0.00293	-106.07	21.21	0.00335
-98.99	14.14	0.00385	-91.92	7.07	0.00445
-84.85	0.00	0.00517	-77.78	-7.07	0.00606
-70.71	-14.14	0.00715	-63.64	-21.21	0.00849
-60.10	-24.75	0.00929	-56.57	-28.28	0.01018
-54.45	-30.41	0.01076	-53.03	-31.82	0.01116
-51.62	-33.23	0.01159	-50.20	-34.65	0.01206
-48.79	-36.06	0.01257	-36.06	-48.79	0.01009
-34.65	-50.20	0.00951	-33.23	-51.62	0.00901
-31.82	-53.03	0.00858	-30.41	-54.45	0.00818
-28.28	-56.57	0.00764	-24.75	-60.10	0.00687
-21.21	-63.64	0.00620	-14.14	-70.71	0.00514
-7.07	-77.78	0.00432	0.00	-84.85	0.00367
7.07	-91.92	0.00315	14.14	-98.99	0.00272
21.21	-106.07	0.00237	28.28	-113.14	0.00208
-106.07	35.36	0.00297	-98.99	28.28	0.00339
-91.92	21.21	0.00388	-84.85	14.14	0.00448
-77.78	7.07	0.00520	-70.71	0.00	0.00608
-63.64	-7.07	0.00717	-56.57	-14.14	0.00851
-53.03	-17.68	0.00931	-49.50	-21.21	0.01019
-47.38	-23.33	0.01076	-45.96	-24.75	0.01117
-44.55	-26.16	0.01160	-43.13	-27.58	0.01208
-41.72	-28.99	0.01261	-28.99	-41.72	0.01010
-27.58	-43.13	0.00952	-26.16	-44.55	0.00901
-24.75	-45.96	0.00857	-23.33	-47.38	0.00818
-21.21	-49.50	0.00764	-17.68	-53.03	0.00686
-14.14	-56.57	0.00620	-7.07	-63.64	0.00513
0.00	-70.71	0.00431	7.07	-77.78	0.00366
14.14	-84.85	0.00313	21.21	-91.92	0.00271

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

28.28	-98.99	0.00235	35.36	-106.07	0.00206
-98.99	42.43	0.00300	-91.92	35.36	0.00341
-84.85	28.28	0.00391	-77.78	21.21	0.00450
-70.71	14.14	0.00522	-63.64	7.07	0.00610
-56.57	0.00	0.00718	-49.50	-7.07	0.00853
-45.96	-10.61	0.00932	-42.43	-14.14	0.01020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.01077	-38.89	-17.68	0.01118
-37.48	-19.09	0.01160	-36.06	-20.51	0.01208
-34.65	-21.92	0.01261	-21.92	-34.65	0.01009
-20.51	-36.06	0.00951	-19.09	-37.48	0.00901
-17.68	-38.89	0.00857	-16.26	-40.31	0.00818
-14.14	-42.43	0.00763	-10.61	-45.96	0.00686
-7.07	-49.50	0.00619	0.00	-56.57	0.00512
7.07	-63.64	0.00429	14.14	-70.71	0.00364
21.21	-77.78	0.00311	28.28	-84.85	0.00269
35.36	-91.92	0.00233	42.43	-98.99	0.00204
-91.92	49.50	0.00302	-84.85	42.43	0.00343
-77.78	35.36	0.00392	-70.71	28.28	0.00452
-63.64	21.21	0.00523	-56.57	14.14	0.00611
-49.50	7.07	0.00720	-42.43	0.00	0.00854
-38.89	-3.54	0.00933	-35.36	-7.07	0.01020
-33.23	-9.19	0.01077	-31.82	-10.61	0.01118
-30.41	-12.02	0.01160	-28.99	-13.44	0.01207
-27.58	-14.85	0.01260	-14.85	-27.58	0.01008
-13.44	-28.99	0.00950	-12.02	-30.41	0.00900
-10.61	-31.82	0.00856	-9.19	-33.23	0.00817
-7.07	-35.36	0.00762	-3.54	-38.89	0.00684
0.00	-42.43	0.00618	7.07	-49.50	0.00510
14.14	-56.57	0.00427	21.21	-63.64	0.00362
28.28	-70.71	0.00309	35.36	-77.78	0.00266
42.43	-84.85	0.00231	49.50	-91.92	0.00202
-84.85	56.57	0.00303	-77.78	49.50	0.00345
-70.71	42.43	0.00394	-63.64	35.36	0.00453
-56.57	28.28	0.00524	-49.50	21.21	0.00612

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	14.14	0.00720	-35.36	7.07	0.00854
-31.82	3.54	0.00932	-28.28	0.00	0.01019
-26.16	-2.12	0.01077	-24.75	-3.54	0.01117
-23.33	-4.95	0.01160	-21.92	-6.36	0.01205
-20.51	-7.78	0.01258	-7.78	-20.51	0.01005
-6.36	-21.92	0.00948	-4.95	-23.33	0.00899
-3.54	-24.75	0.00855	-2.12	-26.16	0.00815
0.00	-28.28	0.00761	3.54	-31.82	0.00683
7.07	-35.36	0.00616	14.14	-42.43	0.00508
21.21	-49.50	0.00425	28.28	-56.57	0.00359
35.36	-63.64	0.00306	42.43	-70.71	0.00264
49.50	-77.78	0.00228	56.57	-84.85	0.00199

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00305	-70.71	56.57	0.00345
-63.64	49.50	0.00394	-56.57	42.43	0.00453
-49.50	35.36	0.00524	-42.43	28.28	0.00612
-35.36	21.21	0.00719	-28.28	14.14	0.00853
-24.75	10.61	0.00931	-21.21	7.07	0.01018
-19.09	4.95	0.01075	-17.68	3.54	0.01115
-16.26	2.12	0.01158	-14.85	0.71	0.01204
-13.44	-0.71	0.01256	-0.71	-13.44	0.01003
0.71	-14.85	0.00946	2.12	-16.26	0.00897
3.54	-17.68	0.00852	4.95	-19.09	0.00813
7.07	-21.21	0.00759	10.61	-24.75	0.00680
14.14	-28.28	0.00614	21.21	-35.36	0.00506
28.28	-42.43	0.00422	35.36	-49.50	0.00356
42.43	-56.57	0.00303	49.50	-63.64	0.00260
56.57	-70.71	0.00225	63.64	-77.78	0.00196
-70.71	70.71	0.00305	-63.64	63.64	0.00346
-56.57	56.57	0.00394	-49.50	49.50	0.00453
-42.43	42.43	0.00524	-35.36	35.36	0.00611
-28.28	28.28	0.00718	-21.21	21.21	0.00852
-17.68	17.68	0.00930	-14.14	14.14	0.01016
-12.02	12.02	0.01073	-10.61	10.61	0.01113
-9.19	9.19	0.01156	-7.78	7.78	0.01202

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-6.36	6.36	0.01254	6.36	-6.36	0.01001
7.78	-7.78	0.00943	9.19	-9.19	0.00894
10.61	-10.61	0.00850	12.02	-12.02	0.00810
14.14	-14.14	0.00756	17.68	-17.68	0.00677
21.21	-21.21	0.00611	28.28	-28.28	0.00502
35.36	-35.36	0.00419	42.43	-42.43	0.00353
49.50	-49.50	0.00300	56.57	-56.57	0.00257
63.64	-63.64	0.00222	70.71	-70.71	0.00193
-63.64	77.78	0.00305	-56.57	70.71	0.00346
-49.50	63.64	0.00394	-42.43	56.57	0.00452
-35.36	49.50	0.00523	-28.28	42.43	0.00610
-21.21	35.36	0.00717	-14.14	28.28	0.00850
-10.61	24.75	0.00927	-7.07	21.21	0.01014
-4.95	19.09	0.01071	-3.54	17.68	0.01111
-2.12	16.26	0.01154	-0.71	14.85	0.01199
0.71	13.44	0.01251	13.44	0.71	0.00998
14.85	-0.71	0.00940	16.26	-2.12	0.00891
17.68	-3.54	0.00847	19.09	-4.95	0.00807

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 133
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00753	24.75	-10.61	0.00674
28.28	-14.14	0.00607	35.36	-21.21	0.00499
42.43	-28.28	0.00415	49.50	-35.36	0.00349
56.57	-42.43	0.00296	63.64	-49.50	0.00253
70.71	-56.57	0.00218	77.78	-63.64	0.00189
-56.57	84.85	0.00305	-49.50	77.78	0.00345
-42.43	70.71	0.00393	-35.36	63.64	0.00451
-28.28	56.57	0.00522	-21.21	49.50	0.00608
-14.14	42.43	0.00715	-7.07	35.36	0.00847
-3.54	31.82	0.00924	0.00	28.28	0.01011
2.12	26.16	0.01068	3.54	24.75	0.01109
4.95	23.33	0.01151	6.36	21.92	0.01196
7.78	20.51	0.01248	20.51	7.78	0.00995
21.92	6.36	0.00936	23.33	4.95	0.00887
24.75	3.54	0.00843	26.16	2.12	0.00803
28.28	0.00	0.00749	31.82	-3.54	0.00670

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

35.36	-7.07	0.00603	42.43	-14.14	0.00494
49.50	-21.21	0.00411	56.57	-28.28	0.00345
63.64	-35.36	0.00292	70.71	-42.43	0.00249
77.78	-49.50	0.00214	84.85	-56.57	0.00185
-49.50	91.92	0.00305	-42.43	84.85	0.00344
-35.36	77.78	0.00392	-28.28	70.71	0.00449
-21.21	63.64	0.00520	-14.14	56.57	0.00606
-7.07	49.50	0.00712	0.00	42.43	0.00843
3.54	38.89	0.00921	7.07	35.36	0.01008
9.19	33.23	0.01065	10.61	31.82	0.01105
12.02	30.41	0.01147	13.44	28.99	0.01193
14.85	27.58	0.01244	27.58	14.85	0.00991
28.99	13.44	0.00933	30.41	12.02	0.00882
31.82	10.61	0.00838	33.23	9.19	0.00798
35.36	7.07	0.00744	38.89	3.54	0.00665
42.43	0.00	0.00598	49.50	-7.07	0.00490
56.57	-14.14	0.00406	63.64	-21.21	0.00340
70.71	-28.28	0.00287	77.78	-35.36	0.00244
84.85	-42.43	0.00209	91.92	-49.50	0.00181
-42.43	98.99	0.00304	-35.36	91.92	0.00343
-28.28	84.85	0.00390	-21.21	77.78	0.00447
-14.14	70.71	0.00517	-7.07	63.64	0.00603
0.00	56.57	0.00708	7.07	49.50	0.00839
10.61	45.96	0.00918	14.14	42.43	0.01004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
 PAGE 134
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.01060	17.68	38.89	0.01099
19.09	37.48	0.01142	20.51	36.06	0.01189
21.92	34.65	0.01242	34.65	21.92	0.00987
36.06	20.51	0.00928	37.48	19.09	0.00877
38.89	17.68	0.00833	40.31	16.26	0.00793
42.43	14.14	0.00739	45.96	10.61	0.00660
49.50	7.07	0.00593	56.57	0.00	0.00484
63.64	-7.07	0.00400	70.71	-14.14	0.00334
77.78	-21.21	0.00281	84.85	-28.28	0.00239
91.92	-35.36	0.00204	98.99	-42.43	0.00176

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	106.07	0.00303	-28.28	98.99	0.00341
-21.21	91.92	0.00388	-14.14	84.85	0.00445
-7.07	77.78	0.00514	0.00	70.71	0.00599
7.07	63.64	0.00704	14.14	56.57	0.00835
17.68	53.03	0.00913	21.21	49.50	0.00999
23.33	47.38	0.01055	24.75	45.96	0.01095
26.16	44.55	0.01137	27.58	43.13	0.01184
28.99	41.72	0.01236	41.72	28.99	0.00980
43.13	27.58	0.00922	44.55	26.16	0.00871
45.96	24.75	0.00827	47.38	23.33	0.00787
49.50	21.21	0.00732	53.03	17.68	0.00654
56.57	14.14	0.00586	63.64	7.07	0.00478
70.71	0.00	0.00394	77.78	-7.07	0.00328
84.85	-14.14	0.00275	91.92	-21.21	0.00233
98.99	-28.28	0.00199	106.07	-35.36	0.00171
-28.28	113.14	0.00301	-21.21	106.07	0.00339
-14.14	98.99	0.00386	-7.07	91.92	0.00441
0.00	84.85	0.00510	7.07	77.78	0.00595
14.14	70.71	0.00700	21.21	63.64	0.00830
24.75	60.10	0.00907	28.28	56.57	0.00993
30.41	54.45	0.01049	31.82	53.03	0.01089
33.23	51.62	0.01131	34.65	50.20	0.01176
36.06	48.79	0.01229	48.79	36.06	0.00972
50.20	34.65	0.00914	51.62	33.23	0.00864
53.03	31.82	0.00820	54.45	30.41	0.00780
56.57	28.28	0.00725	60.10	24.75	0.00647
63.64	21.21	0.00579	70.71	14.14	0.00470
77.78	7.07	0.00387	84.85	0.00	0.00321
91.92	-7.07	0.00268	98.99	-14.14	0.00226
106.07	-21.21	0.00193	113.14	-28.28	0.00165

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00299	-14.14	113.14	0.00337
-7.07	106.07	0.00382	0.00	98.99	0.00438
7.07	91.92	0.00506	14.14	84.85	0.00590
21.21	77.78	0.00694	28.28	70.71	0.00824

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

31.82	67.18	0.00900	35.36	63.64	0.00986
37.48	61.52	0.01042	38.89	60.10	0.01082
40.31	58.69	0.01124	41.72	57.28	0.01168
43.13	55.86	0.01221	55.86	43.13	0.00964
57.28	41.72	0.00906	58.69	40.31	0.00856
60.10	38.89	0.00812	61.52	37.48	0.00772
63.64	35.36	0.00717	67.18	31.82	0.00638
70.71	28.28	0.00571	77.78	21.21	0.00462
84.85	14.14	0.00378	91.92	7.07	0.00313
98.99	0.00	0.00261	106.07	-7.07	0.00219
113.14	-14.14	0.00186	120.21	-21.21	0.00160
-14.14	127.28	0.00297	-7.07	120.21	0.00334
0.00	113.14	0.00379	7.07	106.07	0.00434
14.14	98.99	0.00501	21.21	91.92	0.00584
28.28	84.85	0.00688	35.36	77.78	0.00817
38.89	74.25	0.00893	42.43	70.71	0.00978
44.55	68.59	0.01034	45.96	67.18	0.01073
47.38	65.76	0.01115	48.79	64.35	0.01160
50.20	62.93	0.01211	62.93	50.20	0.00955
64.35	48.79	0.00897	65.76	47.38	0.00847
67.18	45.96	0.00803	68.59	44.55	0.00762
70.71	42.43	0.00708	74.25	38.89	0.00629
77.78	35.36	0.00562	84.85	28.28	0.00453
91.92	21.21	0.00369	98.99	14.14	0.00304
106.07	7.07	0.00253	113.14	0.00	0.00212
120.21	-7.07	0.00179	127.28	-14.14	0.00154
-7.07	134.35	0.00294	0.00	127.28	0.00331
7.07	120.21	0.00375	14.14	113.14	0.00429
21.21	106.07	0.00495	28.28	98.99	0.00578
35.36	91.92	0.00681	42.43	84.85	0.00809
45.96	81.32	0.00885	49.50	77.78	0.00969
51.62	75.66	0.01024	53.03	74.25	0.01064
54.45	72.83	0.01106	55.86	71.42	0.01151
57.28	70.00	0.01202	70.00	57.28	0.00944
71.42	55.86	0.00886	72.83	54.45	0.00836
74.25	53.03	0.00792	75.66	51.62	0.00752

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00697	81.32	45.96	0.00618
84.85	42.43	0.00551	91.92	35.36	0.00442
98.99	28.28	0.00359	106.07	21.21	0.00294
113.14	14.14	0.00243	120.21	7.07	0.00204
127.28	0.00	0.00172	134.35	-7.07	0.00147
0.00	141.42	0.00291	7.07	134.35	0.00328
14.14	127.28	0.00371	21.21	120.21	0.00424
28.28	113.14	0.00489	35.36	106.07	0.00570
42.43	98.99	0.00672	49.50	91.92	0.00800
53.03	88.39	0.00875	56.57	84.85	0.00959
58.69	82.73	0.01014	60.10	81.32	0.01053
61.52	79.90	0.01095	62.93	78.49	0.01140
64.35	77.07	0.01191	77.07	64.35	0.00933
78.49	62.93	0.00874	79.90	61.52	0.00824
81.32	60.10	0.00780	82.73	58.69	0.00740
84.85	56.57	0.00685	88.39	53.03	0.00606
91.92	49.50	0.00539	98.99	42.43	0.00430
106.07	35.36	0.00347	113.14	28.28	0.00283
120.21	21.21	0.00234	127.28	14.14	0.00195
134.35	7.07	0.00165	141.42	0.00	0.00141
7.07	148.49	0.00288	14.14	141.42	0.00324
21.21	134.35	0.00367	28.28	127.28	0.00418
35.36	120.21	0.00482	42.43	113.14	0.00562
49.50	106.07	0.00663	56.57	98.99	0.00789
60.10	95.46	0.00863	63.64	91.92	0.00948
65.76	89.80	0.01003	67.18	88.39	0.01042
68.59	86.97	0.01083	70.00	85.56	0.01127
71.42	84.15	0.01178	84.15	71.42	0.00919
85.56	70.00	0.00860	86.97	68.59	0.00810
88.39	67.18	0.00766	89.80	65.76	0.00725
91.92	63.64	0.00671	95.46	60.10	0.00591
98.99	56.57	0.00524	106.07	49.50	0.00416
113.14	42.43	0.00334	120.21	35.36	0.00271
127.28	28.28	0.00223	134.35	21.21	0.00186
141.42	14.14	0.00157	148.49	7.07	0.00134
14.14	155.56	0.00285	21.21	148.49	0.00320
28.28	141.42	0.00361	35.36	134.35	0.00412
42.43	127.28	0.00475	49.50	120.21	0.00553
56.57	113.14	0.00652	63.64	106.07	0.00776
67.18	102.53	0.00851	70.71	98.99	0.00934

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00989	74.25	95.46	0.01028
75.66	94.05	0.01068	77.07	92.63	0.01113
78.49	91.22	0.01163	91.22	78.49	0.00903
92.63	77.07	0.00844	94.05	75.66	0.00793
95.46	74.25	0.00749	96.87	72.83	0.00708
98.99	70.71	0.00654	102.53	67.18	0.00575
106.07	63.64	0.00507	113.14	56.57	0.00400
120.21	49.50	0.00319	127.28	42.43	0.00258
134.35	35.36	0.00211	141.42	28.28	0.00176
148.49	21.21	0.00149	155.56	14.14	0.00127
21.21	162.63	0.00281	28.28	155.56	0.00315
35.36	148.49	0.00356	42.43	141.42	0.00406
49.50	134.35	0.00467	56.57	127.28	0.00543
63.64	120.21	0.00640	70.71	113.14	0.00762
74.25	109.60	0.00837	77.78	106.07	0.00919
79.90	103.94	0.00972	81.32	102.53	0.01010
82.73	101.12	0.01051	84.15	99.70	0.01097
85.56	98.29	0.01148	98.29	85.56	0.00884
99.70	84.15	0.00825	101.12	82.73	0.00773
102.53	81.32	0.00729	103.94	79.90	0.00689
106.07	77.78	0.00634	109.60	74.25	0.00555
113.14	70.71	0.00488	120.21	63.64	0.00382
127.28	56.57	0.00302	134.35	49.50	0.00243
141.42	42.43	0.00199	148.49	35.36	0.00166
155.56	28.28	0.00140	162.63	21.21	0.00120
28.28	169.71	0.00277	35.36	162.63	0.00310
42.43	155.56	0.00350	49.50	148.49	0.00399
56.57	141.42	0.00458	63.64	134.35	0.00532
70.71	127.28	0.00626	77.78	120.21	0.00747
81.32	116.67	0.00819	84.85	113.14	0.00900
86.97	111.02	0.00954	88.39	109.60	0.00991
89.80	108.19	0.01031	91.22	106.77	0.01076
92.63	105.36	0.01127	105.36	92.63	0.00860
106.77	91.22	0.00802	108.19	89.80	0.00751
109.60	88.39	0.00706	111.02	86.97	0.00665
113.14	84.85	0.00611	116.67	81.32	0.00532

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

120.21	77.78	0.00465	127.28	70.71	0.00360
134.35	63.64	0.00284	141.42	56.57	0.00228
148.49	49.50	0.00187	155.56	42.43	0.00155
162.63	35.36	0.00132	169.71	28.28	0.00113

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

17:43:25
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00274	42.43	169.71	0.00305
49.50	162.63	0.00344	56.57	155.56	0.00391
63.64	148.49	0.00449	70.71	141.42	0.00521
77.78	134.35	0.00612	84.85	127.28	0.00729
88.39	123.74	0.00800	91.92	120.21	0.00879
94.05	118.09	0.00932	95.46	116.67	0.00969
96.87	115.26	0.01008	98.29	113.84	0.01052
99.70	112.43	0.01101	112.43	99.70	0.00832
113.84	98.29	0.00773	115.26	96.87	0.00723
116.67	95.46	0.00678	118.09	94.05	0.00638
120.21	91.92	0.00583	123.74	88.39	0.00504
127.28	84.85	0.00438	134.35	77.78	0.00336
141.42	70.71	0.00264	148.49	63.64	0.00212
155.56	56.57	0.00174	162.63	49.50	0.00145
169.71	42.43	0.00123	176.78	35.36	0.00106
42.43	183.85	0.00270	49.50	176.78	0.00301
56.57	169.71	0.00338	63.64	162.63	0.00383
70.71	155.56	0.00439	77.78	148.49	0.00508
84.85	141.42	0.00596	91.92	134.35	0.00709
95.46	130.81	0.00777	98.99	127.28	0.00854
101.12	125.16	0.00906	102.53	123.74	0.00942
103.94	122.33	0.00981	105.36	120.92	0.01023
106.77	119.50	0.01072	119.50	106.77	0.00798
120.92	105.36	0.00739	122.33	103.94	0.00689
123.74	102.53	0.00644	125.16	101.12	0.00604
127.28	98.99	0.00549	130.81	95.46	0.00472
134.35	91.92	0.00407	141.42	84.85	0.00310
148.49	77.78	0.00242	155.56	70.71	0.00195
162.63	63.64	0.00160	169.71	56.57	0.00135
176.78	49.50	0.00115	183.85	42.43	0.00099

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

49.50	190.92	0.00266	56.57	183.85	0.00296
63.64	176.78	0.00332	70.71	169.71	0.00375
77.78	162.63	0.00428	84.85	155.56	0.00495
91.92	148.49	0.00579	98.99	141.42	0.00686
102.53	137.89	0.00751	106.07	134.35	0.00826
108.19	132.23	0.00875	109.60	130.81	0.00910
111.02	129.40	0.00948	112.43	127.99	0.00989
113.84	126.57	0.01036	126.57	113.84	0.00757
127.99	112.43	0.00698	129.40	111.02	0.00648
130.81	109.60	0.00603	132.23	108.19	0.00563

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00509	137.89	102.53	0.00433
141.42	98.99	0.00371	148.49	91.92	0.00281
155.56	84.85	0.00220	162.63	77.78	0.00178
169.71	70.71	0.00147	176.78	63.64	0.00124
183.85	56.57	0.00106	190.92	49.50	0.00092
56.57	197.99	0.00263	63.64	190.92	0.00292
70.71	183.85	0.00326	77.78	176.78	0.00367
84.85	169.71	0.00418	91.92	162.63	0.00481
98.99	155.56	0.00561	106.07	148.49	0.00662
109.60	144.96	0.00723	113.14	141.42	0.00793
115.26	139.30	0.00840	116.67	137.89	0.00873
118.09	136.47	0.00910	119.50	135.06	0.00950
120.92	133.64	0.00995	133.64	120.92	0.00707
135.06	119.50	0.00647	136.47	118.09	0.00597
137.89	116.67	0.00552	139.30	115.26	0.00512
141.42	113.14	0.00460	144.96	109.60	0.00387
148.49	106.07	0.00331	155.56	98.99	0.00251
162.63	91.92	0.00198	169.71	84.85	0.00162
176.78	77.78	0.00135	183.85	70.71	0.00114
190.92	63.64	0.00098	197.99	56.57	0.00086
63.64	205.06	0.00259	70.71	197.99	0.00287
77.78	190.92	0.00321	84.85	183.85	0.00360
91.92	176.78	0.00408	98.99	169.71	0.00468
106.07	162.63	0.00543	113.14	155.56	0.00637

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

116.67	152.03	0.00694	120.21	148.49	0.00757
122.33	146.37	0.00801	123.74	144.96	0.00832
125.16	143.54	0.00866	126.57	142.13	0.00903
127.99	140.71	0.00947	140.71	127.99	0.00644
142.13	126.57	0.00584	143.54	125.16	0.00535
144.96	123.74	0.00491	146.37	122.33	0.00452
148.49	120.21	0.00403	152.03	116.67	0.00338
155.56	113.14	0.00289	162.63	106.07	0.00221
169.71	98.99	0.00177	176.78	91.92	0.00146
183.85	84.85	0.00123	190.92	77.78	0.00105
197.99	70.71	0.00091	205.06	63.64	0.00080
70.71	212.13	0.00255	77.78	205.06	0.00283
84.85	197.99	0.00315	91.92	190.92	0.00353
98.99	183.85	0.00400	106.07	176.78	0.00456
113.14	169.71	0.00525	120.21	162.63	0.00612
123.74	159.10	0.00663	127.28	155.56	0.00721

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00760	130.81	152.03	0.00788
132.23	150.61	0.00817	133.64	149.20	0.00850
135.06	147.79	0.00890	147.79	135.06	0.00566
149.20	133.64	0.00507	150.61	132.23	0.00459
152.03	130.81	0.00418	153.44	129.40	0.00384
155.56	127.28	0.00341	159.10	123.74	0.00287
162.63	120.21	0.00248	169.71	113.14	0.00194
176.78	106.07	0.00158	183.85	98.99	0.00132
190.92	91.92	0.00112	197.99	84.85	0.00097
205.06	77.78	0.00085	212.13	70.71	0.00075
77.78	219.20	0.00251	84.85	212.13	0.00277
91.92	205.06	0.00308	98.99	197.99	0.00345
106.07	190.92	0.00390	113.14	183.85	0.00445
120.21	176.78	0.00511	127.28	169.71	0.00590
130.81	166.17	0.00636	134.35	162.63	0.00688
136.47	160.51	0.00720	137.89	159.10	0.00743
139.30	157.68	0.00767	140.71	156.27	0.00795
142.13	154.86	0.00828	154.86	142.13	0.00469

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

156.27	140.71	0.00415	157.68	139.30	0.00375
159.10	137.89	0.00342	160.51	136.47	0.00316
162.63	134.35	0.00284	166.17	130.81	0.00243
169.71	127.28	0.00214	176.78	120.21	0.00172
183.85	113.14	0.00142	190.92	106.07	0.00120
197.99	98.99	0.00103	205.06	91.92	0.00090
212.13	84.85	0.00079	219.20	77.78	0.00070
84.85	226.27	0.00245	91.92	219.20	0.00271
98.99	212.13	0.00301	106.07	205.06	0.00336
113.14	197.99	0.00379	120.21	190.92	0.00432
127.28	183.85	0.00495	134.35	176.78	0.00571
137.89	173.24	0.00615	141.42	169.71	0.00661
143.54	167.58	0.00688	144.96	166.17	0.00707
146.37	164.76	0.00726	147.79	163.34	0.00745
149.20	161.93	0.00767	161.93	149.20	0.00367
163.34	147.79	0.00332	164.76	146.37	0.00305
166.17	144.96	0.00284	167.58	143.54	0.00266
169.71	141.42	0.00243	173.24	137.89	0.00213
176.78	134.35	0.00189	183.85	127.28	0.00154
190.92	120.21	0.00129	197.99	113.14	0.00110
205.06	106.07	0.00095	212.13	98.99	0.00083
219.20	91.92	0.00073	226.27	84.85	0.00065

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00240	98.99	226.27	0.00264
106.07	219.20	0.00292	113.14	212.13	0.00326
120.21	205.06	0.00367	127.28	197.99	0.00416
134.35	190.92	0.00475	141.42	183.85	0.00546
144.96	180.31	0.00585	148.49	176.78	0.00625
150.61	174.66	0.00648	152.03	173.24	0.00661
153.44	171.83	0.00672	154.86	170.41	0.00679
156.27	169.00	0.00677	169.00	156.27	0.00315
170.41	154.86	0.00290	171.83	153.44	0.00270
173.24	152.03	0.00252	174.66	150.61	0.00237
176.78	148.49	0.00217	180.31	144.96	0.00191
183.85	141.42	0.00170	190.92	134.35	0.00139

11NCRA_NAPA94-300_DPM_TRAV_ANN_NE-SW Bound

197.99	127.28	0.00117	205.06	120.21	0.00100
212.13	113.14	0.00087	219.20	106.07	0.00077
226.27	98.99	0.00068	233.35	91.92	0.00061
98.99	240.42	0.00233	106.07	233.35	0.00256
113.14	226.27	0.00283	120.21	219.20	0.00314
127.28	212.13	0.00351	134.35	205.06	0.00395
141.42	197.99	0.00445	148.49	190.92	0.00498
152.03	187.38	0.00518	155.56	183.85	0.00526
157.68	181.73	0.00521	159.10	180.31	0.00513
160.51	178.90	0.00501	161.93	177.48	0.00487
163.34	176.07	0.00469	176.07	163.34	0.00274
177.48	161.93	0.00257	178.90	160.51	0.00242
180.31	159.10	0.00228	181.73	157.68	0.00215
183.85	155.56	0.00198	187.38	152.03	0.00175
190.92	148.49	0.00156	197.99	141.42	0.00129
205.06	134.35	0.00108	212.13	127.28	0.00093
219.20	120.21	0.00081	226.27	113.14	0.00072
233.35	106.07	0.00064	240.42	98.99	0.00057
106.07	247.49	0.00226	113.14	240.42	0.00247
120.21	233.35	0.00271	127.28	226.27	0.00299
134.35	219.20	0.00330	141.42	212.13	0.00365
148.49	205.06	0.00397	155.56	197.99	0.00414
159.10	194.45	0.00411	162.63	190.92	0.00399
164.76	188.80	0.00388	166.17	187.38	0.00379
167.58	185.97	0.00370	169.00	184.55	0.00359
170.41	183.14	0.00348	183.14	170.41	0.00234
184.55	169.00	0.00222	185.97	167.58	0.00211
187.38	166.17	0.00201	188.80	164.76	0.00192

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 17:43:25
 **MODELOPTs:
 PAGE 142
 CONC URBAN FLAT FLGPOL DFAULT
 *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00179	194.45	159.10	0.00160
197.99	155.56	0.00144	205.06	148.49	0.00120
212.13	141.42	0.00101	219.20	134.35	0.00087
226.27	127.28	0.00076	233.35	120.21	0.00067
240.42	113.14	0.00060	247.49	106.07	0.00054

04/20/08

*** Maximum train overlap at NE/SW Bound Direction

17:43:25

**MODELOPTs:
PAGE 143

CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS 0.00777 AT (120.92,	133.64,	0.00,	1.20) DC NA
	2ND HIGHEST VALUE IS 0.00768 AT (113.84,	126.57,	0.00,	1.20) DC NA
	3RD HIGHEST VALUE IS 0.00765 AT (127.99,	140.71,	0.00,	1.20) DC NA
	4TH HIGHEST VALUE IS 0.00735 AT (135.06,	147.79,	0.00,	1.20) DC NA
	5TH HIGHEST VALUE IS 0.00730 AT (106.77,	119.50,	0.00,	1.20) DC NA
	6TH HIGHEST VALUE IS 0.00726 AT (119.50,	135.06,	0.00,	1.20) DC NA
	7TH HIGHEST VALUE IS 0.00717 AT (126.57,	142.13,	0.00,	1.20) DC NA
	8TH HIGHEST VALUE IS 0.00714 AT (112.43,	127.99,	0.00,	1.20) DC NA
	9TH HIGHEST VALUE IS 0.00693 AT (142.13,	154.86,	0.00,	1.20) DC NA
	10TH HIGHEST VALUE IS 0.00692 AT (133.64,	149.20,	0.00,	1.20) DC NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00777 AT (57.28,	70.00,	0.00,	1.20) DC NA
	2ND HIGHEST VALUE IS 0.00768 AT (50.20,	62.93,	0.00,	1.20) DC NA
	3RD HIGHEST VALUE IS 0.00765 AT (64.35,	77.07,	0.00,	1.20) DC NA
	4TH HIGHEST VALUE IS 0.00735 AT (71.42,	84.15,	0.00,	1.20) DC NA
	5TH HIGHEST VALUE IS 0.00730 AT (43.13,	55.86,	0.00,	1.20) DC NA
	6TH HIGHEST VALUE IS 0.00726 AT (55.86,	71.42,	0.00,	1.20) DC NA
	7TH HIGHEST VALUE IS 0.00717 AT (62.93,	78.49,	0.00,	1.20) DC NA
	8TH HIGHEST VALUE IS 0.00714 AT (48.79,	64.35,	0.00,	1.20) DC NA
	9TH HIGHEST VALUE IS 0.00693 AT (78.49,	91.22,	0.00,	1.20) DC NA
	10TH HIGHEST VALUE IS 0.00692 AT (70.00,	85.56,	0.00,	1.20) DC NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00777 AT (-6.36,	6.36,	0.00,	1.20) DC NA
	2ND HIGHEST VALUE IS 0.00768 AT (-13.44,	-0.71,	0.00,	1.20) DC NA
	3RD HIGHEST VALUE IS 0.00765 AT (0.71,	13.44,	0.00,	1.20) DC NA
	4TH HIGHEST VALUE IS 0.00735 AT (7.78,	20.51,	0.00,	1.20) DC NA
	5TH HIGHEST VALUE IS 0.00730 AT (-20.51,	-7.78,	0.00,	1.20) DC NA
	6TH HIGHEST VALUE IS 0.00726 AT (-7.78,	7.78,	0.00,	1.20) DC NA
	7TH HIGHEST VALUE IS 0.00717 AT (-0.71,	14.85,	0.00,	1.20) DC NA
	8TH HIGHEST VALUE IS 0.00714 AT (-14.85,	0.71,	0.00,	1.20) DC NA
	9TH HIGHEST VALUE IS 0.00693 AT (14.85,	27.58,	0.00,	1.20) DC NA
	10TH HIGHEST VALUE IS 0.00692 AT (6.36,	21.92,	0.00,	1.20) DC NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at NE/SW Bound Direction

17:43:25

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00777 AT (-70.00,	-57.28,	0.00,	1.20) DC NA
	2ND HIGHEST VALUE IS 0.00769 AT (-77.07,	-64.35,	0.00,	1.20) DC NA
	3RD HIGHEST VALUE IS 0.00765 AT (-62.93,	-50.20,	0.00,	1.20) DC NA
	4TH HIGHEST VALUE IS 0.00735 AT (-55.86,	-43.13,	0.00,	1.20) DC NA
	5TH HIGHEST VALUE IS 0.00730 AT (-84.15,	-71.42,	0.00,	1.20) DC NA
	6TH HIGHEST VALUE IS 0.00726 AT (-71.42,	-55.86,	0.00,	1.20) DC NA
	7TH HIGHEST VALUE IS 0.00717 AT (-64.35,	-48.79,	0.00,	1.20) DC NA
	8TH HIGHEST VALUE IS 0.00714 AT (-78.49,	-62.93,	0.00,	1.20) DC NA
	9TH HIGHEST VALUE IS 0.00693 AT (-48.79,	-36.06,	0.00,	1.20) DC NA
	10TH HIGHEST VALUE IS 0.00692 AT (-57.28,	-41.72,	0.00,	1.20) DC NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00777 AT (-133.64,	-120.92,	0.00,	1.20) DC NA
	2ND HIGHEST VALUE IS 0.00769 AT (-140.71,	-127.99,	0.00,	1.20) DC NA
	3RD HIGHEST VALUE IS 0.00765 AT (-126.57,	-113.84,	0.00,	1.20) DC NA
	4TH HIGHEST VALUE IS 0.00735 AT (-119.50,	-106.77,	0.00,	1.20) DC NA
	5TH HIGHEST VALUE IS 0.00730 AT (-147.79,	-135.06,	0.00,	1.20) DC NA
	6TH HIGHEST VALUE IS 0.00726 AT (-135.06,	-119.50,	0.00,	1.20) DC NA
	7TH HIGHEST VALUE IS 0.00717 AT (-127.99,	-112.43,	0.00,	1.20) DC NA
	8TH HIGHEST VALUE IS 0.00714 AT (-142.13,	-126.57,	0.00,	1.20) DC NA

11NCRA NAPA94-300_DPM_TRAV_ANN_NE-SW Bound									
	9TH HIGHEST VALUE IS	0.00693	AT (	-112.43,	-99.70,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00692	AT (	-120.92,	-105.36,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01261	AT (	-34.65,	-21.92,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01261	AT (	-41.72,	-28.99,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01260	AT (	-27.58,	-14.85,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01258	AT (	-20.51,	-7.78,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01257	AT (	-48.79,	-36.06,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01256	AT (	-13.44,	-0.71,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01255	AT (	-55.86,	-43.13,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01254	AT (	-6.36,	6.36,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01253	AT (	-62.93,	-50.20,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01251	AT (	0.71,	13.44,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:43:25

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 162 Informational Message(s)
 A Total of 162 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 17:53:18

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at NE/SW Bound Direction
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTS FLAT
CO FLAGPOLE 1.2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA 92.28 98.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA 28.64 35.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -35.0 -28.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -98.64 -92.28 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -162.28 -155.92 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 45 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

RE DISCCART	-247.49	-106.07	1.2
RE DISCCART	-240.42	-113.14	1.2
RE DISCCART	-233.35	-120.21	1.2
RE DISCCART	-226.27	-127.28	1.2
RE DISCCART	-219.2	-134.35	1.2
RE DISCCART	-212.13	-141.42	1.2
RE DISCCART	-205.06	-148.49	1.2
RE DISCCART	-197.99	-155.56	1.2
RE DISCCART	-194.45	-159.1	1.2
RE DISCCART	-190.92	-162.63	1.2
RE DISCCART	-188.8	-164.76	1.2
RE DISCCART	-187.38	-166.17	1.2
RE DISCCART	-185.97	-167.58	1.2
RE DISCCART	-184.55	-169.0	1.2
RE DISCCART	-183.14	-170.41	1.2
RE DISCCART	-170.41	-183.14	1.2
RE DISCCART	-169.0	-184.55	1.2
RE DISCCART	-167.58	-185.97	1.2
RE DISCCART	-166.17	-187.38	1.2
RE DISCCART	-164.76	-188.8	1.2
RE DISCCART	-162.63	-190.92	1.2
RE DISCCART	-159.1	-194.45	1.2
RE DISCCART	-155.56	-197.99	1.2
RE DISCCART	-148.49	-205.06	1.2
RE DISCCART	-141.42	-212.13	1.2
RE DISCCART	-134.35	-219.2	1.2
RE DISCCART	-127.28	-226.27	1.2
RE DISCCART	-120.21	-233.35	1.2
RE DISCCART	-113.14	-240.42	1.2
RE DISCCART	-106.07	-247.49	1.2
RE DISCCART	-240.42	-98.99	1.2
RE DISCCART	-233.35	-106.07	1.2
RE DISCCART	-226.27	-113.14	1.2
RE DISCCART	-219.2	-120.21	1.2
RE DISCCART	-212.13	-127.28	1.2
RE DISCCART	-205.06	-134.35	1.2
RE DISCCART	-197.99	-141.42	1.2
RE DISCCART	-190.92	-148.49	1.2
RE DISCCART	-187.38	-152.03	1.2
RE DISCCART	-183.85	-155.56	1.2
RE DISCCART	-181.73	-157.68	1.2
RE DISCCART	-180.31	-159.1	1.2
RE DISCCART	-178.9	-160.51	1.2

RE DISCCART	-177.48	-161.93	1.2
RE DISCCART	-176.07	-163.34	1.2
RE DISCCART	-163.34	-176.07	1.2
RE DISCCART	-161.93	-177.48	1.2
RE DISCCART	-160.51	-178.9	1.2
RE DISCCART	-159.1	-180.31	1.2
RE DISCCART	-157.68	-181.73	1.2
RE DISCCART	-155.56	-183.85	1.2
RE DISCCART	-152.03	-187.38	1.2
RE DISCCART	-148.49	-190.92	1.2
RE DISCCART	-141.42	-197.99	1.2
RE DISCCART	-134.35	-205.06	1.2
RE DISCCART	-127.28	-212.13	1.2
RE DISCCART	-120.21	-219.2	1.2
RE DISCCART	-113.14	-226.27	1.2
RE DISCCART	-106.07	-233.35	1.2
RE DISCCART	-98.99	-240.42	1.2
RE DISCCART	-233.35	-91.92	1.2
RE DISCCART	-226.27	-99.0	1.2
RE DISCCART	-219.2	-106.07	1.2
RE DISCCART	-212.13	-113.14	1.2
RE DISCCART	-205.06	-120.21	1.2
RE DISCCART	-197.99	-127.28	1.2
RE DISCCART	-190.92	-134.35	1.2
RE DISCCART	-183.85	-141.42	1.2
RE DISCCART	-180.31	-144.96	1.2
RE DISCCART	-176.78	-148.49	1.2
RE DISCCART	-174.66	-150.61	1.2
RE DISCCART	-173.24	-152.03	1.2
RE DISCCART	-171.83	-153.44	1.2
RE DISCCART	-170.41	-154.86	1.2
RE DISCCART	-169.0	-156.27	1.2
RE DISCCART	-156.27	-169.0	1.2
RE DISCCART	-154.86	-170.41	1.2
RE DISCCART	-153.44	-171.83	1.2
RE DISCCART	-152.03	-173.24	1.2
RE DISCCART	-150.61	-174.66	1.2
RE DISCCART	-148.49	-176.78	1.2
RE DISCCART	-144.96	-180.31	1.2
RE DISCCART	-141.42	-183.85	1.2
RE DISCCART	-134.35	-190.92	1.2
RE DISCCART	-127.28	-197.99	1.2
RE DISCCART	-120.21	-205.06	1.2
RE DISCCART	-113.14	-212.13	1.2

RE DISCCART	-106.07	-219.2	1.2
RE DISCCART	-98.99	-226.27	1.2
RE DISCCART	-91.92	-233.35	1.2
RE DISCCART	-226.27	-84.85	1.2
RE DISCCART	-219.2	-91.92	1.2
RE DISCCART	-212.13	-99.0	1.2
RE DISCCART	-205.06	-106.07	1.2
RE DISCCART	-197.99	-113.14	1.2
RE DISCCART	-190.92	-120.21	1.2
RE DISCCART	-183.85	-127.28	1.2
RE DISCCART	-176.78	-134.35	1.2
RE DISCCART	-173.24	-137.89	1.2
RE DISCCART	-169.71	-141.42	1.2
RE DISCCART	-167.58	-143.54	1.2
RE DISCCART	-166.17	-144.96	1.2
RE DISCCART	-164.76	-146.37	1.2
RE DISCCART	-163.34	-147.79	1.2
RE DISCCART	-161.93	-149.2	1.2
RE DISCCART	-149.2	-161.93	1.2
RE DISCCART	-147.79	-163.34	1.2
RE DISCCART	-146.37	-164.76	1.2
RE DISCCART	-144.96	-166.17	1.2
RE DISCCART	-143.54	-167.58	1.2
RE DISCCART	-141.42	-169.71	1.2
RE DISCCART	-137.89	-173.24	1.2
RE DISCCART	-134.35	-176.78	1.2
RE DISCCART	-127.28	-183.85	1.2
RE DISCCART	-120.21	-190.92	1.2
RE DISCCART	-113.14	-197.99	1.2
RE DISCCART	-106.07	-205.06	1.2
RE DISCCART	-98.99	-212.13	1.2
RE DISCCART	-91.92	-219.2	1.2
RE DISCCART	-84.85	-226.27	1.2
RE DISCCART	-219.2	-77.78	1.2
RE DISCCART	-212.13	-84.85	1.2
RE DISCCART	-205.06	-91.92	1.2
RE DISCCART	-197.99	-99.0	1.2
RE DISCCART	-190.92	-106.07	1.2
RE DISCCART	-183.85	-113.14	1.2
RE DISCCART	-176.78	-120.21	1.2
RE DISCCART	-169.71	-127.28	1.2
RE DISCCART	-166.17	-130.81	1.2
RE DISCCART	-162.63	-134.35	1.2
RE DISCCART	-160.51	-136.47	1.2

RE DISCCART	-159.1	-137.89	1.2
RE DISCCART	-157.68	-139.3	1.2
RE DISCCART	-156.27	-140.71	1.2
RE DISCCART	-154.86	-142.13	1.2
RE DISCCART	-142.13	-154.86	1.2
RE DISCCART	-140.71	-156.27	1.2
RE DISCCART	-139.3	-157.68	1.2
RE DISCCART	-137.89	-159.1	1.2
RE DISCCART	-136.47	-160.51	1.2
RE DISCCART	-134.35	-162.63	1.2
RE DISCCART	-130.81	-166.17	1.2
RE DISCCART	-127.28	-169.71	1.2
RE DISCCART	-120.21	-176.78	1.2
RE DISCCART	-113.14	-183.85	1.2
RE DISCCART	-106.07	-190.92	1.2
RE DISCCART	-98.99	-197.99	1.2
RE DISCCART	-91.92	-205.06	1.2
RE DISCCART	-84.85	-212.13	1.2
RE DISCCART	-77.78	-219.2	1.2
RE DISCCART	-212.13	-70.71	1.2
RE DISCCART	-205.06	-77.78	1.2
RE DISCCART	-197.99	-84.85	1.2
RE DISCCART	-190.92	-91.92	1.2
RE DISCCART	-183.85	-98.99	1.2
RE DISCCART	-176.78	-106.07	1.2
RE DISCCART	-169.71	-113.14	1.2
RE DISCCART	-162.63	-120.21	1.2
RE DISCCART	-159.1	-123.74	1.2
RE DISCCART	-155.56	-127.28	1.2
RE DISCCART	-153.44	-129.4	1.2
RE DISCCART	-152.03	-130.81	1.2
RE DISCCART	-150.61	-132.23	1.2
RE DISCCART	-149.2	-133.64	1.2
RE DISCCART	-147.79	-135.06	1.2
RE DISCCART	-135.06	-147.79	1.2
RE DISCCART	-133.64	-149.2	1.2
RE DISCCART	-132.23	-150.61	1.2
RE DISCCART	-130.81	-152.03	1.2
RE DISCCART	-129.4	-153.44	1.2
RE DISCCART	-127.28	-155.56	1.2
RE DISCCART	-123.74	-159.1	1.2
RE DISCCART	-120.21	-162.63	1.2
RE DISCCART	-113.14	-169.71	1.2
RE DISCCART	-106.07	-176.78	1.2

RE DISCCART	-98.99	-183.85	1.2
RE DISCCART	-91.92	-190.92	1.2
RE DISCCART	-84.85	-197.99	1.2
RE DISCCART	-77.78	-205.06	1.2
RE DISCCART	-70.71	-212.13	1.2
RE DISCCART	-205.06	-63.64	1.2
RE DISCCART	-197.99	-70.71	1.2
RE DISCCART	-190.92	-77.78	1.2
RE DISCCART	-183.85	-84.85	1.2
RE DISCCART	-176.78	-91.92	1.2
RE DISCCART	-169.71	-98.99	1.2
RE DISCCART	-162.63	-106.07	1.2
RE DISCCART	-155.56	-113.14	1.2
RE DISCCART	-152.03	-116.67	1.2
RE DISCCART	-148.49	-120.21	1.2
RE DISCCART	-146.37	-122.33	1.2
RE DISCCART	-144.96	-123.74	1.2
RE DISCCART	-143.54	-125.16	1.2
RE DISCCART	-142.13	-126.57	1.2
RE DISCCART	-140.71	-127.99	1.2
RE DISCCART	-127.99	-140.71	1.2
RE DISCCART	-126.57	-142.13	1.2
RE DISCCART	-125.16	-143.54	1.2
RE DISCCART	-123.74	-144.96	1.2
RE DISCCART	-122.33	-146.37	1.2
RE DISCCART	-120.21	-148.49	1.2
RE DISCCART	-116.67	-152.03	1.2
RE DISCCART	-113.14	-155.56	1.2
RE DISCCART	-106.07	-162.63	1.2
RE DISCCART	-98.99	-169.71	1.2
RE DISCCART	-91.92	-176.78	1.2
RE DISCCART	-84.85	-183.85	1.2
RE DISCCART	-77.78	-190.92	1.2
RE DISCCART	-70.71	-197.99	1.2
RE DISCCART	-63.64	-205.06	1.2
RE DISCCART	-197.99	-56.57	1.2
RE DISCCART	-190.92	-63.64	1.2
RE DISCCART	-183.85	-70.71	1.2
RE DISCCART	-176.78	-77.78	1.2
RE DISCCART	-169.71	-84.85	1.2
RE DISCCART	-162.63	-91.92	1.2
RE DISCCART	-155.56	-98.99	1.2
RE DISCCART	-148.49	-106.07	1.2
RE DISCCART	-144.96	-109.6	1.2

RE DISCCART	-141.42	-113.14	1.2
RE DISCCART	-139.3	-115.26	1.2
RE DISCCART	-137.89	-116.67	1.2
RE DISCCART	-136.47	-118.09	1.2
RE DISCCART	-135.06	-119.5	1.2
RE DISCCART	-133.64	-120.92	1.2
RE DISCCART	-120.92	-133.64	1.2
RE DISCCART	-119.5	-135.06	1.2
RE DISCCART	-118.09	-136.47	1.2
RE DISCCART	-116.67	-137.89	1.2
RE DISCCART	-115.26	-139.3	1.2
RE DISCCART	-113.14	-141.42	1.2
RE DISCCART	-109.6	-144.96	1.2
RE DISCCART	-106.07	-148.49	1.2
RE DISCCART	-98.99	-155.56	1.2
RE DISCCART	-91.92	-162.63	1.2
RE DISCCART	-84.85	-169.71	1.2
RE DISCCART	-77.78	-176.78	1.2
RE DISCCART	-70.71	-183.85	1.2
RE DISCCART	-63.64	-190.92	1.2
RE DISCCART	-56.57	-197.99	1.2
RE DISCCART	-190.92	-49.5	1.2
RE DISCCART	-183.85	-56.57	1.2
RE DISCCART	-176.78	-63.64	1.2
RE DISCCART	-169.71	-70.71	1.2
RE DISCCART	-162.63	-77.78	1.2
RE DISCCART	-155.56	-84.85	1.2
RE DISCCART	-148.49	-91.92	1.2
RE DISCCART	-141.42	-98.99	1.2
RE DISCCART	-137.89	-102.53	1.2
RE DISCCART	-134.35	-106.07	1.2
RE DISCCART	-132.23	-108.19	1.2
RE DISCCART	-130.81	-109.6	1.2
RE DISCCART	-129.4	-111.02	1.2
RE DISCCART	-127.99	-112.43	1.2
RE DISCCART	-126.57	-113.84	1.2
RE DISCCART	-113.84	-126.57	1.2
RE DISCCART	-112.43	-127.99	1.2
RE DISCCART	-111.02	-129.4	1.2
RE DISCCART	-109.6	-130.81	1.2
RE DISCCART	-108.19	-132.23	1.2
RE DISCCART	-106.07	-134.35	1.2
RE DISCCART	-102.53	-137.89	1.2
RE DISCCART	-98.99	-141.42	1.2

RE DISCCART	-91.92	-148.49	1.2
RE DISCCART	-84.85	-155.56	1.2
RE DISCCART	-77.78	-162.63	1.2
RE DISCCART	-70.71	-169.71	1.2
RE DISCCART	-63.64	-176.78	1.2
RE DISCCART	-56.57	-183.85	1.2
RE DISCCART	-49.5	-190.92	1.2
RE DISCCART	-183.85	-42.43	1.2
RE DISCCART	-176.78	-49.5	1.2
RE DISCCART	-169.71	-56.57	1.2
RE DISCCART	-162.63	-63.64	1.2
RE DISCCART	-155.56	-70.71	1.2
RE DISCCART	-148.49	-77.78	1.2
RE DISCCART	-141.42	-84.85	1.2
RE DISCCART	-134.35	-91.92	1.2
RE DISCCART	-130.81	-95.46	1.2
RE DISCCART	-127.28	-98.99	1.2
RE DISCCART	-125.16	-101.12	1.2
RE DISCCART	-123.74	-102.53	1.2
RE DISCCART	-122.33	-103.94	1.2
RE DISCCART	-120.92	-105.36	1.2
RE DISCCART	-119.5	-106.77	1.2
RE DISCCART	-106.77	-119.5	1.2
RE DISCCART	-105.36	-120.92	1.2
RE DISCCART	-103.94	-122.33	1.2
RE DISCCART	-102.53	-123.74	1.2
RE DISCCART	-101.12	-125.16	1.2
RE DISCCART	-98.99	-127.28	1.2
RE DISCCART	-95.46	-130.81	1.2
RE DISCCART	-91.92	-134.35	1.2
RE DISCCART	-84.85	-141.42	1.2
RE DISCCART	-77.78	-148.49	1.2
RE DISCCART	-70.71	-155.56	1.2
RE DISCCART	-63.64	-162.63	1.2
RE DISCCART	-56.57	-169.71	1.2
RE DISCCART	-49.5	-176.78	1.2
RE DISCCART	-42.43	-183.85	1.2
RE DISCCART	-176.78	-35.36	1.2
RE DISCCART	-169.71	-42.43	1.2
RE DISCCART	-162.63	-49.5	1.2
RE DISCCART	-155.56	-56.57	1.2
RE DISCCART	-148.49	-63.64	1.2
RE DISCCART	-141.42	-70.71	1.2
RE DISCCART	-134.35	-77.78	1.2

RE DISCCART	-127.28	-84.85	1.2
RE DISCCART	-123.74	-88.39	1.2
RE DISCCART	-120.21	-91.92	1.2
RE DISCCART	-118.09	-94.05	1.2
RE DISCCART	-116.67	-95.46	1.2
RE DISCCART	-115.26	-96.87	1.2
RE DISCCART	-113.84	-98.29	1.2
RE DISCCART	-112.43	-99.7	1.2
RE DISCCART	-99.7	-112.43	1.2
RE DISCCART	-98.29	-113.84	1.2
RE DISCCART	-96.87	-115.26	1.2
RE DISCCART	-95.46	-116.67	1.2
RE DISCCART	-94.05	-118.09	1.2
RE DISCCART	-91.92	-120.21	1.2
RE DISCCART	-88.39	-123.74	1.2
RE DISCCART	-84.85	-127.28	1.2
RE DISCCART	-77.78	-134.35	1.2
RE DISCCART	-70.71	-141.42	1.2
RE DISCCART	-63.64	-148.49	1.2
RE DISCCART	-56.57	-155.56	1.2
RE DISCCART	-49.5	-162.63	1.2
RE DISCCART	-42.43	-169.71	1.2
RE DISCCART	-35.36	-176.78	1.2
RE DISCCART	-169.71	-28.28	1.2
RE DISCCART	-162.63	-35.36	1.2
RE DISCCART	-155.56	-42.43	1.2
RE DISCCART	-148.49	-49.5	1.2
RE DISCCART	-141.42	-56.57	1.2
RE DISCCART	-134.35	-63.64	1.2
RE DISCCART	-127.28	-70.71	1.2
RE DISCCART	-120.21	-77.78	1.2
RE DISCCART	-116.67	-81.32	1.2
RE DISCCART	-113.14	-84.85	1.2
RE DISCCART	-111.02	-86.97	1.2
RE DISCCART	-109.6	-88.39	1.2
RE DISCCART	-108.19	-89.8	1.2
RE DISCCART	-106.77	-91.22	1.2
RE DISCCART	-105.36	-92.63	1.2
RE DISCCART	-92.63	-105.36	1.2
RE DISCCART	-91.22	-106.77	1.2
RE DISCCART	-89.8	-108.19	1.2
RE DISCCART	-88.39	-109.6	1.2
RE DISCCART	-86.97	-111.02	1.2
RE DISCCART	-84.85	-113.14	1.2

RE DISCCART	-81.32	-116.67	1.2
RE DISCCART	-77.78	-120.21	1.2
RE DISCCART	-70.71	-127.28	1.2
RE DISCCART	-63.64	-134.35	1.2
RE DISCCART	-56.57	-141.42	1.2
RE DISCCART	-49.5	-148.49	1.2
RE DISCCART	-42.43	-155.56	1.2
RE DISCCART	-35.36	-162.63	1.2
RE DISCCART	-28.28	-169.71	1.2
RE DISCCART	-162.63	-21.21	1.2
RE DISCCART	-155.56	-28.28	1.2
RE DISCCART	-148.49	-35.36	1.2
RE DISCCART	-141.42	-42.43	1.2
RE DISCCART	-134.35	-49.5	1.2
RE DISCCART	-127.28	-56.57	1.2
RE DISCCART	-120.21	-63.64	1.2
RE DISCCART	-113.14	-70.71	1.2
RE DISCCART	-109.6	-74.25	1.2
RE DISCCART	-106.07	-77.78	1.2
RE DISCCART	-103.94	-79.9	1.2
RE DISCCART	-102.53	-81.32	1.2
RE DISCCART	-101.12	-82.73	1.2
RE DISCCART	-99.7	-84.15	1.2
RE DISCCART	-98.29	-85.56	1.2
RE DISCCART	-85.56	-98.29	1.2
RE DISCCART	-84.15	-99.7	1.2
RE DISCCART	-82.73	-101.12	1.2
RE DISCCART	-81.32	-102.53	1.2
RE DISCCART	-79.9	-103.94	1.2
RE DISCCART	-77.78	-106.07	1.2
RE DISCCART	-74.25	-109.6	1.2
RE DISCCART	-70.71	-113.14	1.2
RE DISCCART	-63.64	-120.21	1.2
RE DISCCART	-56.57	-127.28	1.2
RE DISCCART	-49.5	-134.35	1.2
RE DISCCART	-42.43	-141.42	1.2
RE DISCCART	-35.36	-148.49	1.2
RE DISCCART	-28.28	-155.56	1.2
RE DISCCART	-21.21	-162.63	1.2
RE DISCCART	-155.56	-14.14	1.2
RE DISCCART	-148.49	-21.21	1.2
RE DISCCART	-141.42	-28.28	1.2
RE DISCCART	-134.35	-35.36	1.2
RE DISCCART	-127.28	-42.43	1.2

RE DISCCART	-120.21	-49.5	1.2
RE DISCCART	-113.14	-56.57	1.2
RE DISCCART	-106.07	-63.64	1.2
RE DISCCART	-102.53	-67.18	1.2
RE DISCCART	-98.99	-70.71	1.2
RE DISCCART	-96.87	-72.83	1.2
RE DISCCART	-95.46	-74.25	1.2
RE DISCCART	-94.05	-75.66	1.2
RE DISCCART	-92.63	-77.07	1.2
RE DISCCART	-91.22	-78.49	1.2
RE DISCCART	-78.49	-91.22	1.2
RE DISCCART	-77.07	-92.63	1.2
RE DISCCART	-75.66	-94.05	1.2
RE DISCCART	-74.25	-95.46	1.2
RE DISCCART	-72.83	-96.87	1.2
RE DISCCART	-70.71	-98.99	1.2
RE DISCCART	-67.18	-102.53	1.2
RE DISCCART	-63.64	-106.07	1.2
RE DISCCART	-56.57	-113.14	1.2
RE DISCCART	-49.5	-120.21	1.2
RE DISCCART	-42.43	-127.28	1.2
RE DISCCART	-35.36	-134.35	1.2
RE DISCCART	-28.28	-141.42	1.2
RE DISCCART	-21.21	-148.49	1.2
RE DISCCART	-14.14	-155.56	1.2
RE DISCCART	-148.49	-7.07	1.2
RE DISCCART	-141.42	-14.14	1.2
RE DISCCART	-134.35	-21.21	1.2
RE DISCCART	-127.28	-28.28	1.2
RE DISCCART	-120.21	-35.36	1.2
RE DISCCART	-113.14	-42.43	1.2
RE DISCCART	-106.07	-49.5	1.2
RE DISCCART	-98.99	-56.57	1.2
RE DISCCART	-95.46	-60.1	1.2
RE DISCCART	-91.92	-63.64	1.2
RE DISCCART	-89.8	-65.76	1.2
RE DISCCART	-88.39	-67.18	1.2
RE DISCCART	-86.97	-68.59	1.2
RE DISCCART	-85.56	-70.0	1.2
RE DISCCART	-84.15	-71.42	1.2
RE DISCCART	-71.42	-84.15	1.2
RE DISCCART	-70.0	-85.56	1.2
RE DISCCART	-68.59	-86.97	1.2
RE DISCCART	-67.18	-88.39	1.2

RE DISCCART	-65.76	-89.8	1.2
RE DISCCART	-63.64	-91.92	1.2
RE DISCCART	-60.1	-95.46	1.2
RE DISCCART	-56.57	-98.99	1.2
RE DISCCART	-49.5	-106.07	1.2
RE DISCCART	-42.43	-113.14	1.2
RE DISCCART	-35.36	-120.21	1.2
RE DISCCART	-28.28	-127.28	1.2
RE DISCCART	-21.21	-134.35	1.2
RE DISCCART	-14.14	-141.42	1.2
RE DISCCART	-7.07	-148.49	1.2
RE DISCCART	-141.42	0.0	1.2
RE DISCCART	-134.35	-7.07	1.2
RE DISCCART	-127.28	-14.14	1.2
RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	-106.07	-35.36	1.2
RE DISCCART	-98.99	-42.43	1.2
RE DISCCART	-91.92	-49.5	1.2
RE DISCCART	-88.39	-53.03	1.2
RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	-82.73	-58.69	1.2
RE DISCCART	-81.32	-60.1	1.2
RE DISCCART	-79.9	-61.52	1.2
RE DISCCART	-78.49	-62.93	1.2
RE DISCCART	-77.07	-64.35	1.2
RE DISCCART	-64.35	-77.07	1.2
RE DISCCART	-62.93	-78.49	1.2
RE DISCCART	-61.52	-79.9	1.2
RE DISCCART	-60.1	-81.32	1.2
RE DISCCART	-58.69	-82.73	1.2
RE DISCCART	-56.57	-84.85	1.2
RE DISCCART	-53.03	-88.39	1.2
RE DISCCART	-49.5	-91.92	1.2
RE DISCCART	-42.43	-98.99	1.2
RE DISCCART	-35.36	-106.07	1.2
RE DISCCART	-28.28	-113.14	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	-14.14	-127.28	1.2
RE DISCCART	-7.07	-134.35	1.2
RE DISCCART	0.0	-141.42	1.2
RE DISCCART	-134.35	7.07	1.2
RE DISCCART	-127.28	0.0	1.2
RE DISCCART	-120.21	-7.07	1.2

RE DISCCART	-113.14	-14.14	1.2
RE DISCCART	-106.07	-21.21	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-91.92	-35.36	1.2
RE DISCCART	-84.85	-42.43	1.2
RE DISCCART	-81.32	-45.96	1.2
RE DISCCART	-77.78	-49.5	1.2
RE DISCCART	-75.66	-51.62	1.2
RE DISCCART	-74.25	-53.03	1.2
RE DISCCART	-72.83	-54.45	1.2
RE DISCCART	-71.42	-55.86	1.2
RE DISCCART	-70.0	-57.28	1.2
RE DISCCART	-57.28	-70.0	1.2
RE DISCCART	-55.86	-71.42	1.2
RE DISCCART	-54.45	-72.83	1.2
RE DISCCART	-53.03	-74.25	1.2
RE DISCCART	-51.62	-75.66	1.2
RE DISCCART	-49.5	-77.78	1.2
RE DISCCART	-45.96	-81.32	1.2
RE DISCCART	-42.43	-84.85	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-28.28	-98.99	1.2
RE DISCCART	-21.21	-106.07	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	-127.28	14.14	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-113.14	0.0	1.2
RE DISCCART	-106.07	-7.07	1.2
RE DISCCART	-98.99	-14.14	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-77.78	-35.36	1.2
RE DISCCART	-74.25	-38.89	1.2
RE DISCCART	-70.71	-42.43	1.2
RE DISCCART	-68.59	-44.55	1.2
RE DISCCART	-67.18	-45.96	1.2
RE DISCCART	-65.76	-47.38	1.2
RE DISCCART	-64.35	-48.79	1.2
RE DISCCART	-62.93	-50.2	1.2
RE DISCCART	-50.2	-62.93	1.2
RE DISCCART	-48.79	-64.35	1.2

RE DISCCART	-47.38	-65.76	1.2
RE DISCCART	-45.96	-67.18	1.2
RE DISCCART	-44.55	-68.59	1.2
RE DISCCART	-42.43	-70.71	1.2
RE DISCCART	-38.89	-74.25	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-21.21	-91.92	1.2
RE DISCCART	-14.14	-98.99	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	-120.21	21.21	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-106.07	7.07	1.2
RE DISCCART	-98.99	0.0	1.2
RE DISCCART	-91.92	-7.07	1.2
RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-70.71	-28.28	1.2
RE DISCCART	-67.18	-31.82	1.2
RE DISCCART	-63.64	-35.36	1.2
RE DISCCART	-61.52	-37.48	1.2
RE DISCCART	-60.1	-38.89	1.2
RE DISCCART	-58.69	-40.31	1.2
RE DISCCART	-57.28	-41.72	1.2
RE DISCCART	-55.86	-43.13	1.2
RE DISCCART	-43.13	-55.86	1.2
RE DISCCART	-41.72	-57.28	1.2
RE DISCCART	-40.31	-58.69	1.2
RE DISCCART	-38.89	-60.1	1.2
RE DISCCART	-37.48	-61.52	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-31.82	-67.18	1.2
RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-21.21	-77.78	1.2
RE DISCCART	-14.14	-84.85	1.2
RE DISCCART	-7.07	-91.92	1.2
RE DISCCART	0.0	-98.99	1.2
RE DISCCART	7.07	-106.07	1.2
RE DISCCART	14.14	-113.14	1.2
RE DISCCART	21.21	-120.21	1.2
RE DISCCART	-113.14	28.28	1.2

RE DISCCART	-106.07	21.21	1.2
RE DISCCART	-98.99	14.14	1.2
RE DISCCART	-91.92	7.07	1.2
RE DISCCART	-84.85	0.0	1.2
RE DISCCART	-77.78	-7.07	1.2
RE DISCCART	-70.71	-14.14	1.2
RE DISCCART	-63.64	-21.21	1.2
RE DISCCART	-60.1	-24.75	1.2
RE DISCCART	-56.57	-28.28	1.2
RE DISCCART	-54.45	-30.41	1.2
RE DISCCART	-53.03	-31.82	1.2
RE DISCCART	-51.62	-33.23	1.2
RE DISCCART	-50.2	-34.65	1.2
RE DISCCART	-48.79	-36.06	1.2
RE DISCCART	-36.06	-48.79	1.2
RE DISCCART	-34.65	-50.2	1.2
RE DISCCART	-33.23	-51.62	1.2
RE DISCCART	-31.82	-53.03	1.2
RE DISCCART	-30.41	-54.45	1.2
RE DISCCART	-28.28	-56.57	1.2
RE DISCCART	-24.75	-60.1	1.2
RE DISCCART	-21.21	-63.64	1.2
RE DISCCART	-14.14	-70.71	1.2
RE DISCCART	-7.07	-77.78	1.2
RE DISCCART	0.0	-84.85	1.2
RE DISCCART	7.07	-91.92	1.2
RE DISCCART	14.14	-98.99	1.2
RE DISCCART	21.21	-106.07	1.2
RE DISCCART	28.28	-113.14	1.2
RE DISCCART	-106.07	35.36	1.2
RE DISCCART	-98.99	28.28	1.2
RE DISCCART	-91.92	21.21	1.2
RE DISCCART	-84.85	14.14	1.2
RE DISCCART	-77.78	7.07	1.2
RE DISCCART	-70.71	0.0	1.2
RE DISCCART	-63.64	-7.07	1.2
RE DISCCART	-56.57	-14.14	1.2
RE DISCCART	-53.03	-17.68	1.2
RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-47.38	-23.33	1.2
RE DISCCART	-45.96	-24.75	1.2
RE DISCCART	-44.55	-26.16	1.2
RE DISCCART	-43.13	-27.58	1.2
RE DISCCART	-41.72	-28.99	1.2

RE DISCCART	-28.99	-41.72	1.2
RE DISCCART	-27.58	-43.13	1.2
RE DISCCART	-26.16	-44.55	1.2
RE DISCCART	-24.75	-45.96	1.2
RE DISCCART	-23.33	-47.38	1.2
RE DISCCART	-21.21	-49.5	1.2
RE DISCCART	-17.68	-53.03	1.2
RE DISCCART	-14.14	-56.57	1.2
RE DISCCART	-7.07	-63.64	1.2
RE DISCCART	0.0	-70.71	1.2
RE DISCCART	7.07	-77.78	1.2
RE DISCCART	14.14	-84.85	1.2
RE DISCCART	21.21	-91.92	1.2
RE DISCCART	28.28	-98.99	1.2
RE DISCCART	35.36	-106.07	1.2
RE DISCCART	-98.99	42.43	1.2
RE DISCCART	-91.92	35.36	1.2
RE DISCCART	-84.85	28.28	1.2
RE DISCCART	-77.78	21.21	1.2
RE DISCCART	-70.71	14.14	1.2
RE DISCCART	-63.64	7.07	1.2
RE DISCCART	-56.57	0.0	1.2
RE DISCCART	-49.5	-7.07	1.2
RE DISCCART	-45.96	-10.61	1.2
RE DISCCART	-42.43	-14.14	1.2
RE DISCCART	-40.31	-16.26	1.2
RE DISCCART	-38.89	-17.68	1.2
RE DISCCART	-37.48	-19.09	1.2
RE DISCCART	-36.06	-20.51	1.2
RE DISCCART	-34.65	-21.92	1.2
RE DISCCART	-21.92	-34.65	1.2
RE DISCCART	-20.51	-36.06	1.2
RE DISCCART	-19.09	-37.48	1.2
RE DISCCART	-17.68	-38.89	1.2
RE DISCCART	-16.26	-40.31	1.2
RE DISCCART	-14.14	-42.43	1.2
RE DISCCART	-10.61	-45.96	1.2
RE DISCCART	-7.07	-49.5	1.2
RE DISCCART	0.0	-56.57	1.2
RE DISCCART	7.07	-63.64	1.2
RE DISCCART	14.14	-70.71	1.2
RE DISCCART	21.21	-77.78	1.2
RE DISCCART	28.28	-84.85	1.2
RE DISCCART	35.36	-91.92	1.2

RE DISCCART	42.43	-98.99	1.2
RE DISCCART	-91.92	49.5	1.2
RE DISCCART	-84.85	42.43	1.2
RE DISCCART	-77.78	35.36	1.2
RE DISCCART	-70.71	28.28	1.2
RE DISCCART	-63.64	21.21	1.2
RE DISCCART	-56.57	14.14	1.2
RE DISCCART	-49.5	7.07	1.2
RE DISCCART	-42.43	0.0	1.2
RE DISCCART	-38.89	-3.54	1.2
RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-33.23	-9.19	1.2
RE DISCCART	-31.82	-10.61	1.2
RE DISCCART	-30.41	-12.02	1.2
RE DISCCART	-28.99	-13.44	1.2
RE DISCCART	-27.58	-14.85	1.2
RE DISCCART	-14.85	-27.58	1.2
RE DISCCART	-13.44	-28.99	1.2
RE DISCCART	-12.02	-30.41	1.2
RE DISCCART	-10.61	-31.82	1.2
RE DISCCART	-9.19	-33.23	1.2
RE DISCCART	-7.07	-35.36	1.2
RE DISCCART	-3.54	-38.89	1.2
RE DISCCART	0.0	-42.43	1.2
RE DISCCART	7.07	-49.5	1.2
RE DISCCART	14.14	-56.57	1.2
RE DISCCART	21.21	-63.64	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	35.36	-77.78	1.2
RE DISCCART	42.43	-84.85	1.2
RE DISCCART	49.5	-91.92	1.2
RE DISCCART	-84.85	56.57	1.2
RE DISCCART	-77.78	49.5	1.2
RE DISCCART	-70.71	42.43	1.2
RE DISCCART	-63.64	35.36	1.2
RE DISCCART	-56.57	28.28	1.2
RE DISCCART	-49.5	21.21	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-35.36	7.07	1.2
RE DISCCART	-31.82	3.54	1.2
RE DISCCART	-28.28	0.0	1.2
RE DISCCART	-26.16	-2.12	1.2
RE DISCCART	-24.75	-3.54	1.2
RE DISCCART	-23.33	-4.95	1.2

RE DISCCART	-21.92	-6.36	1.2
RE DISCCART	-20.51	-7.78	1.2
RE DISCCART	-7.78	-20.51	1.2
RE DISCCART	-6.36	-21.92	1.2
RE DISCCART	-4.95	-23.33	1.2
RE DISCCART	-3.54	-24.75	1.2
RE DISCCART	-2.12	-26.16	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	3.54	-31.82	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	28.28	-56.57	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	42.43	-70.71	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	56.57	-84.85	1.2
RE DISCCART	-77.78	63.64	1.2
RE DISCCART	-70.71	56.57	1.2
RE DISCCART	-63.64	49.5	1.2
RE DISCCART	-56.57	42.43	1.2
RE DISCCART	-49.5	35.36	1.2
RE DISCCART	-42.43	28.28	1.2
RE DISCCART	-35.36	21.21	1.2
RE DISCCART	-28.28	14.14	1.2
RE DISCCART	-24.75	10.61	1.2
RE DISCCART	-21.21	7.07	1.2
RE DISCCART	-19.09	4.95	1.2
RE DISCCART	-17.68	3.54	1.2
RE DISCCART	-16.26	2.12	1.2
RE DISCCART	-14.85	0.71	1.2
RE DISCCART	-13.44	-0.71	1.2
RE DISCCART	-0.71	-13.44	1.2
RE DISCCART	0.71	-14.85	1.2
RE DISCCART	2.12	-16.26	1.2
RE DISCCART	3.54	-17.68	1.2
RE DISCCART	4.95	-19.09	1.2
RE DISCCART	7.07	-21.21	1.2
RE DISCCART	10.61	-24.75	1.2
RE DISCCART	14.14	-28.28	1.2
RE DISCCART	21.21	-35.36	1.2
RE DISCCART	28.28	-42.43	1.2
RE DISCCART	35.36	-49.5	1.2
RE DISCCART	42.43	-56.57	1.2

RE DISCCART	49.5	-63.64	1.2
RE DISCCART	56.57	-70.71	1.2
RE DISCCART	63.64	-77.78	1.2
RE DISCCART	-70.71	70.71	1.2
RE DISCCART	-63.64	63.64	1.2
RE DISCCART	-56.57	56.57	1.2
RE DISCCART	-49.5	49.5	1.2
RE DISCCART	-42.43	42.43	1.2
RE DISCCART	-35.36	35.36	1.2
RE DISCCART	-28.28	28.28	1.2
RE DISCCART	-21.21	21.21	1.2
RE DISCCART	-17.68	17.68	1.2
RE DISCCART	-14.14	14.14	1.2
RE DISCCART	-12.02	12.02	1.2
RE DISCCART	-10.61	10.61	1.2
RE DISCCART	-9.19	9.19	1.2
RE DISCCART	-7.78	7.78	1.2
RE DISCCART	-6.36	6.36	1.2
RE DISCCART	6.36	-6.36	1.2
RE DISCCART	7.78	-7.78	1.2
RE DISCCART	9.19	-9.19	1.2
RE DISCCART	10.61	-10.61	1.2
RE DISCCART	12.02	-12.02	1.2
RE DISCCART	14.14	-14.14	1.2
RE DISCCART	17.68	-17.68	1.2
RE DISCCART	21.21	-21.21	1.2
RE DISCCART	28.28	-28.28	1.2
RE DISCCART	35.36	-35.36	1.2
RE DISCCART	42.43	-42.43	1.2
RE DISCCART	49.5	-49.5	1.2
RE DISCCART	56.57	-56.57	1.2
RE DISCCART	63.64	-63.64	1.2
RE DISCCART	70.71	-70.71	1.2
RE DISCCART	-63.64	77.78	1.2
RE DISCCART	-56.57	70.71	1.2
RE DISCCART	-49.5	63.64	1.2
RE DISCCART	-42.43	56.57	1.2
RE DISCCART	-35.36	49.5	1.2
RE DISCCART	-28.28	42.43	1.2
RE DISCCART	-21.21	35.36	1.2
RE DISCCART	-14.14	28.28	1.2
RE DISCCART	-10.61	24.75	1.2
RE DISCCART	-7.07	21.21	1.2
RE DISCCART	-4.95	19.09	1.2

RE DISCCART	-3.54	17.68	1.2
RE DISCCART	-2.12	16.26	1.2
RE DISCCART	-0.71	14.85	1.2
RE DISCCART	0.71	13.44	1.2
RE DISCCART	13.44	0.71	1.2
RE DISCCART	14.85	-0.71	1.2
RE DISCCART	16.26	-2.12	1.2
RE DISCCART	17.68	-3.54	1.2
RE DISCCART	19.09	-4.95	1.2
RE DISCCART	21.21	-7.07	1.2
RE DISCCART	24.75	-10.61	1.2
RE DISCCART	28.28	-14.14	1.2
RE DISCCART	35.36	-21.21	1.2
RE DISCCART	42.43	-28.28	1.2
RE DISCCART	49.5	-35.36	1.2
RE DISCCART	56.57	-42.43	1.2
RE DISCCART	63.64	-49.5	1.2
RE DISCCART	70.71	-56.57	1.2
RE DISCCART	77.78	-63.64	1.2
RE DISCCART	-56.57	84.85	1.2
RE DISCCART	-49.5	77.78	1.2
RE DISCCART	-42.43	70.71	1.2
RE DISCCART	-35.36	63.64	1.2
RE DISCCART	-28.28	56.57	1.2
RE DISCCART	-21.21	49.5	1.2
RE DISCCART	-14.14	42.43	1.2
RE DISCCART	-7.07	35.36	1.2
RE DISCCART	-3.54	31.82	1.2
RE DISCCART	0.0	28.28	1.2
RE DISCCART	2.12	26.16	1.2
RE DISCCART	3.54	24.75	1.2
RE DISCCART	4.95	23.33	1.2
RE DISCCART	6.36	21.92	1.2
RE DISCCART	7.78	20.51	1.2
RE DISCCART	20.51	7.78	1.2
RE DISCCART	21.92	6.36	1.2
RE DISCCART	23.33	4.95	1.2
RE DISCCART	24.75	3.54	1.2
RE DISCCART	26.16	2.12	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	31.82	-3.54	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	42.43	-14.14	1.2
RE DISCCART	49.5	-21.21	1.2

RE DISCCART	56.57	-28.28	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	-49.5	91.92	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-35.36	77.78	1.2
RE DISCCART	-28.28	70.71	1.2
RE DISCCART	-21.21	63.64	1.2
RE DISCCART	-14.14	56.57	1.2
RE DISCCART	-7.07	49.5	1.2
RE DISCCART	0.0	42.43	1.2
RE DISCCART	3.54	38.89	1.2
RE DISCCART	7.07	35.36	1.2
RE DISCCART	9.19	33.23	1.2
RE DISCCART	10.61	31.82	1.2
RE DISCCART	12.02	30.41	1.2
RE DISCCART	13.44	28.99	1.2
RE DISCCART	14.85	27.58	1.2
RE DISCCART	27.58	14.85	1.2
RE DISCCART	28.99	13.44	1.2
RE DISCCART	30.41	12.02	1.2
RE DISCCART	31.82	10.61	1.2
RE DISCCART	33.23	9.19	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	38.89	3.54	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	63.64	-21.21	1.2
RE DISCCART	70.71	-28.28	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	-42.43	98.99	1.2
RE DISCCART	-35.36	91.92	1.2
RE DISCCART	-28.28	84.85	1.2
RE DISCCART	-21.21	77.78	1.2
RE DISCCART	-14.14	70.71	1.2
RE DISCCART	-7.07	63.64	1.2
RE DISCCART	0.0	56.57	1.2
RE DISCCART	7.07	49.5	1.2
RE DISCCART	10.61	45.96	1.2

RE DISCCART	14.14	42.43	1.2
RE DISCCART	16.26	40.31	1.2
RE DISCCART	17.68	38.89	1.2
RE DISCCART	19.09	37.48	1.2
RE DISCCART	20.51	36.06	1.2
RE DISCCART	21.92	34.65	1.2
RE DISCCART	34.65	21.92	1.2
RE DISCCART	36.06	20.51	1.2
RE DISCCART	37.48	19.09	1.2
RE DISCCART	38.89	17.68	1.2
RE DISCCART	40.31	16.26	1.2
RE DISCCART	42.43	14.14	1.2
RE DISCCART	45.96	10.61	1.2
RE DISCCART	49.5	7.07	1.2
RE DISCCART	56.57	0.0	1.2
RE DISCCART	63.64	-7.07	1.2
RE DISCCART	70.71	-14.14	1.2
RE DISCCART	77.78	-21.21	1.2
RE DISCCART	84.85	-28.28	1.2
RE DISCCART	91.92	-35.36	1.2
RE DISCCART	98.99	-42.43	1.2
RE DISCCART	-35.36	106.07	1.2
RE DISCCART	-28.28	98.99	1.2
RE DISCCART	-21.21	91.92	1.2
RE DISCCART	-14.14	84.85	1.2
RE DISCCART	-7.07	77.78	1.2
RE DISCCART	0.0	70.71	1.2
RE DISCCART	7.07	63.64	1.2
RE DISCCART	14.14	56.57	1.2
RE DISCCART	17.68	53.03	1.2
RE DISCCART	21.21	49.5	1.2
RE DISCCART	23.33	47.38	1.2
RE DISCCART	24.75	45.96	1.2
RE DISCCART	26.16	44.55	1.2
RE DISCCART	27.58	43.13	1.2
RE DISCCART	28.99	41.72	1.2
RE DISCCART	41.72	28.99	1.2
RE DISCCART	43.13	27.58	1.2
RE DISCCART	44.55	26.16	1.2
RE DISCCART	45.96	24.75	1.2
RE DISCCART	47.38	23.33	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	53.03	17.68	1.2
RE DISCCART	56.57	14.14	1.2

RE DISCCART 63.64 7.07 1.2
RE DISCCART 70.71 0.0 1.2
RE DISCCART 77.78 -7.07 1.2
RE DISCCART 84.85 -14.14 1.2
RE DISCCART 91.92 -21.21 1.2
RE DISCCART 98.99 -28.28 1.2
RE DISCCART 106.07 -35.36 1.2
RE DISCCART -28.28 113.14 1.2
RE DISCCART -21.21 106.07 1.2
RE DISCCART -14.14 98.99 1.2
RE DISCCART -7.07 91.92 1.2
RE DISCCART 0.0 84.85 1.2
RE DISCCART 7.07 77.78 1.2
RE DISCCART 14.14 70.71 1.2
RE DISCCART 21.21 63.64 1.2
RE DISCCART 24.75 60.1 1.2
RE DISCCART 28.28 56.57 1.2
RE DISCCART 30.41 54.45 1.2
RE DISCCART 31.82 53.03 1.2
RE DISCCART 33.23 51.62 1.2
RE DISCCART 34.65 50.2 1.2
RE DISCCART 36.06 48.79 1.2
RE DISCCART 48.79 36.06 1.2
RE DISCCART 50.2 34.65 1.2
RE DISCCART 51.62 33.23 1.2
RE DISCCART 53.03 31.82 1.2
RE DISCCART 54.45 30.41 1.2
RE DISCCART 56.57 28.28 1.2
RE DISCCART 60.1 24.75 1.2
RE DISCCART 63.64 21.21 1.2
RE DISCCART 70.71 14.14 1.2
RE DISCCART 77.78 7.07 1.2
RE DISCCART 84.85 0.0 1.2
RE DISCCART 91.92 -7.07 1.2
RE DISCCART 98.99 -14.14 1.2
RE DISCCART 106.07 -21.21 1.2
RE DISCCART 113.14 -28.28 1.2
RE DISCCART -21.21 120.21 1.2
RE DISCCART -14.14 113.14 1.2
RE DISCCART -7.07 106.07 1.2
RE DISCCART 0.0 98.99 1.2
RE DISCCART 7.07 91.92 1.2
RE DISCCART 14.14 84.85 1.2
RE DISCCART 21.21 77.78 1.2

RE DISCCART	28.28	70.71	1.2
RE DISCCART	31.82	67.18	1.2
RE DISCCART	35.36	63.64	1.2
RE DISCCART	37.48	61.52	1.2
RE DISCCART	38.89	60.1	1.2
RE DISCCART	40.31	58.69	1.2
RE DISCCART	41.72	57.28	1.2
RE DISCCART	43.13	55.86	1.2
RE DISCCART	55.86	43.13	1.2
RE DISCCART	57.28	41.72	1.2
RE DISCCART	58.69	40.31	1.2
RE DISCCART	60.1	38.89	1.2
RE DISCCART	61.52	37.48	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	67.18	31.82	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	91.92	7.07	1.2
RE DISCCART	98.99	0.0	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	-14.14	127.28	1.2
RE DISCCART	-7.07	120.21	1.2
RE DISCCART	0.0	113.14	1.2
RE DISCCART	7.07	106.07	1.2
RE DISCCART	14.14	98.99	1.2
RE DISCCART	21.21	91.92	1.2
RE DISCCART	28.28	84.85	1.2
RE DISCCART	35.36	77.78	1.2
RE DISCCART	38.89	74.25	1.2
RE DISCCART	42.43	70.71	1.2
RE DISCCART	44.55	68.59	1.2
RE DISCCART	45.96	67.18	1.2
RE DISCCART	47.38	65.76	1.2
RE DISCCART	48.79	64.35	1.2
RE DISCCART	50.2	62.93	1.2
RE DISCCART	62.93	50.2	1.2
RE DISCCART	64.35	48.79	1.2
RE DISCCART	65.76	47.38	1.2
RE DISCCART	67.18	45.96	1.2
RE DISCCART	68.59	44.55	1.2
RE DISCCART	70.71	42.43	1.2

RE DISCCART	74.25	38.89	1.2
RE DISCCART	77.78	35.36	1.2
RE DISCCART	84.85	28.28	1.2
RE DISCCART	91.92	21.21	1.2
RE DISCCART	98.99	14.14	1.2
RE DISCCART	106.07	7.07	1.2
RE DISCCART	113.14	0.0	1.2
RE DISCCART	120.21	-7.07	1.2
RE DISCCART	127.28	-14.14	1.2
RE DISCCART	-7.07	134.35	1.2
RE DISCCART	0.0	127.28	1.2
RE DISCCART	7.07	120.21	1.2
RE DISCCART	14.14	113.14	1.2
RE DISCCART	21.21	106.07	1.2
RE DISCCART	28.28	98.99	1.2
RE DISCCART	35.36	91.92	1.2
RE DISCCART	42.43	84.85	1.2
RE DISCCART	45.96	81.32	1.2
RE DISCCART	49.5	77.78	1.2
RE DISCCART	51.62	75.66	1.2
RE DISCCART	53.03	74.25	1.2
RE DISCCART	54.45	72.83	1.2
RE DISCCART	55.86	71.42	1.2
RE DISCCART	57.28	70.0	1.2
RE DISCCART	70.0	57.28	1.2
RE DISCCART	71.42	55.86	1.2
RE DISCCART	72.83	54.45	1.2
RE DISCCART	74.25	53.03	1.2
RE DISCCART	75.66	51.62	1.2
RE DISCCART	77.78	49.5	1.2
RE DISCCART	81.32	45.96	1.2
RE DISCCART	84.85	42.43	1.2
RE DISCCART	91.92	35.36	1.2
RE DISCCART	98.99	28.28	1.2
RE DISCCART	106.07	21.21	1.2
RE DISCCART	113.14	14.14	1.2
RE DISCCART	120.21	7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	0.0	141.42	1.2
RE DISCCART	7.07	134.35	1.2
RE DISCCART	14.14	127.28	1.2
RE DISCCART	21.21	120.21	1.2
RE DISCCART	28.28	113.14	1.2

RE DISCCART	35.36	106.07	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	49.5	91.92	1.2
RE DISCCART	53.03	88.39	1.2
RE DISCCART	56.57	84.85	1.2
RE DISCCART	58.69	82.73	1.2
RE DISCCART	60.1	81.32	1.2
RE DISCCART	61.52	79.9	1.2
RE DISCCART	62.93	78.49	1.2
RE DISCCART	64.35	77.07	1.2
RE DISCCART	77.07	64.35	1.2
RE DISCCART	78.49	62.93	1.2
RE DISCCART	79.9	61.52	1.2
RE DISCCART	81.32	60.1	1.2
RE DISCCART	82.73	58.69	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	88.39	53.03	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	113.14	28.28	1.2
RE DISCCART	120.21	21.21	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	7.07	148.49	1.2
RE DISCCART	14.14	141.42	1.2
RE DISCCART	21.21	134.35	1.2
RE DISCCART	28.28	127.28	1.2
RE DISCCART	35.36	120.21	1.2
RE DISCCART	42.43	113.14	1.2
RE DISCCART	49.5	106.07	1.2
RE DISCCART	56.57	98.99	1.2
RE DISCCART	60.1	95.46	1.2
RE DISCCART	63.64	91.92	1.2
RE DISCCART	65.76	89.8	1.2
RE DISCCART	67.18	88.39	1.2
RE DISCCART	68.59	86.97	1.2
RE DISCCART	70.0	85.56	1.2
RE DISCCART	71.42	84.15	1.2
RE DISCCART	84.15	71.42	1.2
RE DISCCART	85.56	70.0	1.2
RE DISCCART	86.97	68.59	1.2
RE DISCCART	88.39	67.18	1.2

RE DISCCART	89.8	65.76	1.2
RE DISCCART	91.92	63.64	1.2
RE DISCCART	95.46	60.1	1.2
RE DISCCART	98.99	56.57	1.2
RE DISCCART	106.07	49.5	1.2
RE DISCCART	113.14	42.43	1.2
RE DISCCART	120.21	35.36	1.2
RE DISCCART	127.28	28.28	1.2
RE DISCCART	134.35	21.21	1.2
RE DISCCART	141.42	14.14	1.2
RE DISCCART	148.49	7.07	1.2
RE DISCCART	14.14	155.56	1.2
RE DISCCART	21.21	148.49	1.2
RE DISCCART	28.28	141.42	1.2
RE DISCCART	35.36	134.35	1.2
RE DISCCART	42.43	127.28	1.2
RE DISCCART	49.5	120.21	1.2
RE DISCCART	56.57	113.14	1.2
RE DISCCART	63.64	106.07	1.2
RE DISCCART	67.18	102.53	1.2
RE DISCCART	70.71	98.99	1.2
RE DISCCART	72.83	96.87	1.2
RE DISCCART	74.25	95.46	1.2
RE DISCCART	75.66	94.05	1.2
RE DISCCART	77.07	92.63	1.2
RE DISCCART	78.49	91.22	1.2
RE DISCCART	91.22	78.49	1.2
RE DISCCART	92.63	77.07	1.2
RE DISCCART	94.05	75.66	1.2
RE DISCCART	95.46	74.25	1.2
RE DISCCART	96.87	72.83	1.2
RE DISCCART	98.99	70.71	1.2
RE DISCCART	102.53	67.18	1.2
RE DISCCART	106.07	63.64	1.2
RE DISCCART	113.14	56.57	1.2
RE DISCCART	120.21	49.5	1.2
RE DISCCART	127.28	42.43	1.2
RE DISCCART	134.35	35.36	1.2
RE DISCCART	141.42	28.28	1.2
RE DISCCART	148.49	21.21	1.2
RE DISCCART	155.56	14.14	1.2
RE DISCCART	21.21	162.63	1.2
RE DISCCART	28.28	155.56	1.2
RE DISCCART	35.36	148.49	1.2

RE DISCCART	42.43	141.42	1.2
RE DISCCART	49.5	134.35	1.2
RE DISCCART	56.57	127.28	1.2
RE DISCCART	63.64	120.21	1.2
RE DISCCART	70.71	113.14	1.2
RE DISCCART	74.25	109.6	1.2
RE DISCCART	77.78	106.07	1.2
RE DISCCART	79.9	103.94	1.2
RE DISCCART	81.32	102.53	1.2
RE DISCCART	82.73	101.12	1.2
RE DISCCART	84.15	99.7	1.2
RE DISCCART	85.56	98.29	1.2
RE DISCCART	98.29	85.56	1.2
RE DISCCART	99.7	84.15	1.2
RE DISCCART	101.12	82.73	1.2
RE DISCCART	102.53	81.32	1.2
RE DISCCART	103.94	79.9	1.2
RE DISCCART	106.07	77.78	1.2
RE DISCCART	109.6	74.25	1.2
RE DISCCART	113.14	70.71	1.2
RE DISCCART	120.21	63.64	1.2
RE DISCCART	127.28	56.57	1.2
RE DISCCART	134.35	49.5	1.2
RE DISCCART	141.42	42.43	1.2
RE DISCCART	148.49	35.36	1.2
RE DISCCART	155.56	28.28	1.2
RE DISCCART	162.63	21.21	1.2
RE DISCCART	28.28	169.71	1.2
RE DISCCART	35.36	162.63	1.2
RE DISCCART	42.43	155.56	1.2
RE DISCCART	49.5	148.49	1.2
RE DISCCART	56.57	141.42	1.2
RE DISCCART	63.64	134.35	1.2
RE DISCCART	70.71	127.28	1.2
RE DISCCART	77.78	120.21	1.2
RE DISCCART	81.32	116.67	1.2
RE DISCCART	84.85	113.14	1.2
RE DISCCART	86.97	111.02	1.2
RE DISCCART	88.39	109.6	1.2
RE DISCCART	89.8	108.19	1.2
RE DISCCART	91.22	106.77	1.2
RE DISCCART	92.63	105.36	1.2
RE DISCCART	105.36	92.63	1.2
RE DISCCART	106.77	91.22	1.2

RE DISCCART	108.19	89.8	1.2
RE DISCCART	109.6	88.39	1.2
RE DISCCART	111.02	86.97	1.2
RE DISCCART	113.14	84.85	1.2
RE DISCCART	116.67	81.32	1.2
RE DISCCART	120.21	77.78	1.2
RE DISCCART	127.28	70.71	1.2
RE DISCCART	134.35	63.64	1.2
RE DISCCART	141.42	56.57	1.2
RE DISCCART	148.49	49.5	1.2
RE DISCCART	155.56	42.43	1.2
RE DISCCART	162.63	35.36	1.2
RE DISCCART	169.71	28.28	1.2
RE DISCCART	35.36	176.78	1.2
RE DISCCART	42.43	169.71	1.2
RE DISCCART	49.5	162.63	1.2
RE DISCCART	56.57	155.56	1.2
RE DISCCART	63.64	148.49	1.2
RE DISCCART	70.71	141.42	1.2
RE DISCCART	77.78	134.35	1.2
RE DISCCART	84.85	127.28	1.2
RE DISCCART	88.39	123.74	1.2
RE DISCCART	91.92	120.21	1.2
RE DISCCART	94.05	118.09	1.2
RE DISCCART	95.46	116.67	1.2
RE DISCCART	96.87	115.26	1.2
RE DISCCART	98.29	113.84	1.2
RE DISCCART	99.7	112.43	1.2
RE DISCCART	112.43	99.7	1.2
RE DISCCART	113.84	98.29	1.2
RE DISCCART	115.26	96.87	1.2
RE DISCCART	116.67	95.46	1.2
RE DISCCART	118.09	94.05	1.2
RE DISCCART	120.21	91.92	1.2
RE DISCCART	123.74	88.39	1.2
RE DISCCART	127.28	84.85	1.2
RE DISCCART	134.35	77.78	1.2
RE DISCCART	141.42	70.71	1.2
RE DISCCART	148.49	63.64	1.2
RE DISCCART	155.56	56.57	1.2
RE DISCCART	162.63	49.5	1.2
RE DISCCART	169.71	42.43	1.2
RE DISCCART	176.78	35.36	1.2
RE DISCCART	42.43	183.85	1.2

RE DISCCART	49.5	176.78	1.2
RE DISCCART	56.57	169.71	1.2
RE DISCCART	63.64	162.63	1.2
RE DISCCART	70.71	155.56	1.2
RE DISCCART	77.78	148.49	1.2
RE DISCCART	84.85	141.42	1.2
RE DISCCART	91.92	134.35	1.2
RE DISCCART	95.46	130.81	1.2
RE DISCCART	98.99	127.28	1.2
RE DISCCART	101.12	125.16	1.2
RE DISCCART	102.53	123.74	1.2
RE DISCCART	103.94	122.33	1.2
RE DISCCART	105.36	120.92	1.2
RE DISCCART	106.77	119.5	1.2
RE DISCCART	119.5	106.77	1.2
RE DISCCART	120.92	105.36	1.2
RE DISCCART	122.33	103.94	1.2
RE DISCCART	123.74	102.53	1.2
RE DISCCART	125.16	101.12	1.2
RE DISCCART	127.28	98.99	1.2
RE DISCCART	130.81	95.46	1.2
RE DISCCART	134.35	91.92	1.2
RE DISCCART	141.42	84.85	1.2
RE DISCCART	148.49	77.78	1.2
RE DISCCART	155.56	70.71	1.2
RE DISCCART	162.63	63.64	1.2
RE DISCCART	169.71	56.57	1.2
RE DISCCART	176.78	49.5	1.2
RE DISCCART	183.85	42.43	1.2
RE DISCCART	49.5	190.92	1.2
RE DISCCART	56.57	183.85	1.2
RE DISCCART	63.64	176.78	1.2
RE DISCCART	70.71	169.71	1.2
RE DISCCART	77.78	162.63	1.2
RE DISCCART	84.85	155.56	1.2
RE DISCCART	91.92	148.49	1.2
RE DISCCART	98.99	141.42	1.2
RE DISCCART	102.53	137.89	1.2
RE DISCCART	106.07	134.35	1.2
RE DISCCART	108.19	132.23	1.2
RE DISCCART	109.6	130.81	1.2
RE DISCCART	111.02	129.4	1.2
RE DISCCART	112.43	127.99	1.2
RE DISCCART	113.84	126.57	1.2

RE DISCCART	126.57	113.84	1.2
RE DISCCART	127.99	112.43	1.2
RE DISCCART	129.4	111.02	1.2
RE DISCCART	130.81	109.6	1.2
RE DISCCART	132.23	108.19	1.2
RE DISCCART	134.35	106.07	1.2
RE DISCCART	137.89	102.53	1.2
RE DISCCART	141.42	98.99	1.2
RE DISCCART	148.49	91.92	1.2
RE DISCCART	155.56	84.85	1.2
RE DISCCART	162.63	77.78	1.2
RE DISCCART	169.71	70.71	1.2
RE DISCCART	176.78	63.64	1.2
RE DISCCART	183.85	56.57	1.2
RE DISCCART	190.92	49.5	1.2
RE DISCCART	56.57	197.99	1.2
RE DISCCART	63.64	190.92	1.2
RE DISCCART	70.71	183.85	1.2
RE DISCCART	77.78	176.78	1.2
RE DISCCART	84.85	169.71	1.2
RE DISCCART	91.92	162.63	1.2
RE DISCCART	98.99	155.56	1.2
RE DISCCART	106.07	148.49	1.2
RE DISCCART	109.6	144.96	1.2
RE DISCCART	113.14	141.42	1.2
RE DISCCART	115.26	139.3	1.2
RE DISCCART	116.67	137.89	1.2
RE DISCCART	118.09	136.47	1.2
RE DISCCART	119.5	135.06	1.2
RE DISCCART	120.92	133.64	1.2
RE DISCCART	133.64	120.92	1.2
RE DISCCART	135.06	119.5	1.2
RE DISCCART	136.47	118.09	1.2
RE DISCCART	137.89	116.67	1.2
RE DISCCART	139.3	115.26	1.2
RE DISCCART	141.42	113.14	1.2
RE DISCCART	144.96	109.6	1.2
RE DISCCART	148.49	106.07	1.2
RE DISCCART	155.56	98.99	1.2
RE DISCCART	162.63	91.92	1.2
RE DISCCART	169.71	84.85	1.2
RE DISCCART	176.78	77.78	1.2
RE DISCCART	183.85	70.71	1.2
RE DISCCART	190.92	63.64	1.2

RE DISCCART	197.99	56.57	1.2
RE DISCCART	63.64	205.06	1.2
RE DISCCART	70.71	197.99	1.2
RE DISCCART	77.78	190.92	1.2
RE DISCCART	84.85	183.85	1.2
RE DISCCART	91.92	176.78	1.2
RE DISCCART	98.99	169.71	1.2
RE DISCCART	106.07	162.63	1.2
RE DISCCART	113.14	155.56	1.2
RE DISCCART	116.67	152.03	1.2
RE DISCCART	120.21	148.49	1.2
RE DISCCART	122.33	146.37	1.2
RE DISCCART	123.74	144.96	1.2
RE DISCCART	125.16	143.54	1.2
RE DISCCART	126.57	142.13	1.2
RE DISCCART	127.99	140.71	1.2
RE DISCCART	140.71	127.99	1.2
RE DISCCART	142.13	126.57	1.2
RE DISCCART	143.54	125.16	1.2
RE DISCCART	144.96	123.74	1.2
RE DISCCART	146.37	122.33	1.2
RE DISCCART	148.49	120.21	1.2
RE DISCCART	152.03	116.67	1.2
RE DISCCART	155.56	113.14	1.2
RE DISCCART	162.63	106.07	1.2
RE DISCCART	169.71	98.99	1.2
RE DISCCART	176.78	91.92	1.2
RE DISCCART	183.85	84.85	1.2
RE DISCCART	190.92	77.78	1.2
RE DISCCART	197.99	70.71	1.2
RE DISCCART	205.06	63.64	1.2
RE DISCCART	70.71	212.13	1.2
RE DISCCART	77.78	205.06	1.2
RE DISCCART	84.85	197.99	1.2
RE DISCCART	91.92	190.92	1.2
RE DISCCART	98.99	183.85	1.2
RE DISCCART	106.07	176.78	1.2
RE DISCCART	113.14	169.71	1.2
RE DISCCART	120.21	162.63	1.2
RE DISCCART	123.74	159.1	1.2
RE DISCCART	127.28	155.56	1.2
RE DISCCART	129.4	153.44	1.2
RE DISCCART	130.81	152.03	1.2
RE DISCCART	132.23	150.61	1.2

RE DISCCART	133.64	149.2	1.2
RE DISCCART	135.06	147.79	1.2
RE DISCCART	147.79	135.06	1.2
RE DISCCART	149.2	133.64	1.2
RE DISCCART	150.61	132.23	1.2
RE DISCCART	152.03	130.81	1.2
RE DISCCART	153.44	129.4	1.2
RE DISCCART	155.56	127.28	1.2
RE DISCCART	159.1	123.74	1.2
RE DISCCART	162.63	120.21	1.2
RE DISCCART	169.71	113.14	1.2
RE DISCCART	176.78	106.07	1.2
RE DISCCART	183.85	98.99	1.2
RE DISCCART	190.92	91.92	1.2
RE DISCCART	197.99	84.85	1.2
RE DISCCART	205.06	77.78	1.2
RE DISCCART	212.13	70.71	1.2
RE DISCCART	77.78	219.2	1.2
RE DISCCART	84.85	212.13	1.2
RE DISCCART	91.92	205.06	1.2
RE DISCCART	98.99	197.99	1.2
RE DISCCART	106.07	190.92	1.2
RE DISCCART	113.14	183.85	1.2
RE DISCCART	120.21	176.78	1.2
RE DISCCART	127.28	169.71	1.2
RE DISCCART	130.81	166.17	1.2
RE DISCCART	134.35	162.63	1.2
RE DISCCART	136.47	160.51	1.2
RE DISCCART	137.89	159.1	1.2
RE DISCCART	139.3	157.68	1.2
RE DISCCART	140.71	156.27	1.2
RE DISCCART	142.13	154.86	1.2
RE DISCCART	154.86	142.13	1.2
RE DISCCART	156.27	140.71	1.2
RE DISCCART	157.68	139.3	1.2
RE DISCCART	159.1	137.89	1.2
RE DISCCART	160.51	136.47	1.2
RE DISCCART	162.63	134.35	1.2
RE DISCCART	166.17	130.81	1.2
RE DISCCART	169.71	127.28	1.2
RE DISCCART	176.78	120.21	1.2
RE DISCCART	183.85	113.14	1.2
RE DISCCART	190.92	106.07	1.2
RE DISCCART	197.99	98.99	1.2

RE DISCCART	205.06	91.92	1.2
RE DISCCART	212.13	84.85	1.2
RE DISCCART	219.2	77.78	1.2
RE DISCCART	84.85	226.27	1.2
RE DISCCART	91.92	219.2	1.2
RE DISCCART	98.99	212.13	1.2
RE DISCCART	106.07	205.06	1.2
RE DISCCART	113.14	197.99	1.2
RE DISCCART	120.21	190.92	1.2
RE DISCCART	127.28	183.85	1.2
RE DISCCART	134.35	176.78	1.2
RE DISCCART	137.89	173.24	1.2
RE DISCCART	141.42	169.71	1.2
RE DISCCART	143.54	167.58	1.2
RE DISCCART	144.96	166.17	1.2
RE DISCCART	146.37	164.76	1.2
RE DISCCART	147.79	163.34	1.2
RE DISCCART	149.2	161.93	1.2
RE DISCCART	161.93	149.2	1.2
RE DISCCART	163.34	147.79	1.2
RE DISCCART	164.76	146.37	1.2
RE DISCCART	166.17	144.96	1.2
RE DISCCART	167.58	143.54	1.2
RE DISCCART	169.71	141.42	1.2
RE DISCCART	173.24	137.89	1.2
RE DISCCART	176.78	134.35	1.2
RE DISCCART	183.85	127.28	1.2
RE DISCCART	190.92	120.21	1.2
RE DISCCART	197.99	113.14	1.2
RE DISCCART	205.06	106.07	1.2
RE DISCCART	212.13	98.99	1.2
RE DISCCART	219.2	91.92	1.2
RE DISCCART	226.27	84.85	1.2
RE DISCCART	91.92	233.35	1.2
RE DISCCART	98.99	226.27	1.2
RE DISCCART	106.07	219.2	1.2
RE DISCCART	113.14	212.13	1.2
RE DISCCART	120.21	205.06	1.2
RE DISCCART	127.28	197.99	1.2
RE DISCCART	134.35	190.92	1.2
RE DISCCART	141.42	183.85	1.2
RE DISCCART	144.96	180.31	1.2
RE DISCCART	148.49	176.78	1.2
RE DISCCART	150.61	174.66	1.2

RE DISCCART	152.03	173.24	1.2
RE DISCCART	153.44	171.83	1.2
RE DISCCART	154.86	170.41	1.2
RE DISCCART	156.27	169.0	1.2
RE DISCCART	169.0	156.27	1.2
RE DISCCART	170.41	154.86	1.2
RE DISCCART	171.83	153.44	1.2
RE DISCCART	173.24	152.03	1.2
RE DISCCART	174.66	150.61	1.2
RE DISCCART	176.78	148.49	1.2
RE DISCCART	180.31	144.96	1.2
RE DISCCART	183.85	141.42	1.2
RE DISCCART	190.92	134.35	1.2
RE DISCCART	197.99	127.28	1.2
RE DISCCART	205.06	120.21	1.2
RE DISCCART	212.13	113.14	1.2
RE DISCCART	219.2	106.07	1.2
RE DISCCART	226.27	98.99	1.2
RE DISCCART	233.35	91.92	1.2
RE DISCCART	98.99	240.42	1.2
RE DISCCART	106.07	233.35	1.2
RE DISCCART	113.14	226.27	1.2
RE DISCCART	120.21	219.2	1.2
RE DISCCART	127.28	212.13	1.2
RE DISCCART	134.35	205.06	1.2
RE DISCCART	141.42	197.99	1.2
RE DISCCART	148.49	190.92	1.2
RE DISCCART	152.03	187.38	1.2
RE DISCCART	155.56	183.85	1.2
RE DISCCART	157.68	181.73	1.2
RE DISCCART	159.1	180.31	1.2
RE DISCCART	160.51	178.9	1.2
RE DISCCART	161.93	177.48	1.2
RE DISCCART	163.34	176.07	1.2
RE DISCCART	176.07	163.34	1.2
RE DISCCART	177.48	161.93	1.2
RE DISCCART	178.9	160.51	1.2
RE DISCCART	180.31	159.1	1.2
RE DISCCART	181.73	157.68	1.2
RE DISCCART	183.85	155.56	1.2
RE DISCCART	187.38	152.03	1.2
RE DISCCART	190.92	148.49	1.2
RE DISCCART	197.99	141.42	1.2
RE DISCCART	205.06	134.35	1.2

RE DISCCART 212.13 127.28 1.2
RE DISCCART 219.2 120.21 1.2
RE DISCCART 226.27 113.14 1.2
RE DISCCART 233.35 106.07 1.2
RE DISCCART 240.42 98.99 1.2
RE DISCCART 106.07 247.49 1.2
RE DISCCART 113.14 240.42 1.2
RE DISCCART 120.21 233.35 1.2
RE DISCCART 127.28 226.27 1.2
RE DISCCART 134.35 219.2 1.2
RE DISCCART 141.42 212.13 1.2
RE DISCCART 148.49 205.06 1.2
RE DISCCART 155.56 197.99 1.2
RE DISCCART 159.1 194.45 1.2
RE DISCCART 162.63 190.92 1.2
RE DISCCART 164.76 188.8 1.2
RE DISCCART 166.17 187.38 1.2
RE DISCCART 167.58 185.97 1.2
RE DISCCART 169.0 184.55 1.2
RE DISCCART 170.41 183.14 1.2
RE DISCCART 183.14 170.41 1.2
RE DISCCART 184.55 169.0 1.2
RE DISCCART 185.97 167.58 1.2
RE DISCCART 187.38 166.17 1.2
RE DISCCART 188.8 164.76 1.2
RE DISCCART 190.92 162.63 1.2
RE DISCCART 194.45 159.1 1.2
RE DISCCART 197.99 155.56 1.2
RE DISCCART 205.06 148.49 1.2
RE DISCCART 212.13 141.42 1.2
RE DISCCART 219.2 134.35 1.2
RE DISCCART 226.27 127.28 1.2
RE DISCCART 233.35 120.21 1.2
RE DISCCART 240.42 113.14 1.2
RE DISCCART 247.49 106.07 1.2
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP95300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 1995

ME UAIRDATA 4901 1995

ME STARTEND 1995 01 01 1 1995 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\12NCRA-1.DAT

**Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\12NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

Table with 11 columns: EMISSION RATE, NUMBER, EMISSION RATE, COORD (SW CORNER), BASE, RELEASE, X-DIM, Y-DIM, ORIENT., INIT. Includes rows for NCRA_S1 through NCRA_S5.

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

- NCRA_S1 NCRA_S1 ,
NCRA_S2 NCRA_S2 ,
NCRA_S3 NCRA_S3 ,
NCRA_S4 NCRA_S4 ,
NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

- (-247.5, -106.1, 0.0, 1.2); (-240.4, -113.1, 0.0, 1.2);
(-233.4, -120.2, 0.0, 1.2); (-226.3, -127.3, 0.0, 1.2);
(-219.2, -134.4, 0.0, 1.2); (-212.1, -141.4, 0.0, 1.2);

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

(-205.1,	-148.5,	0.0,	1.2);	(-198.0,	-155.6,	0.0,	1.2);
(-194.4,	-159.1,	0.0,	1.2);	(-190.9,	-162.6,	0.0,	1.2);
(-188.8,	-164.8,	0.0,	1.2);	(-187.4,	-166.2,	0.0,	1.2);
(-186.0,	-167.6,	0.0,	1.2);	(-184.6,	-169.0,	0.0,	1.2);
(-183.1,	-170.4,	0.0,	1.2);	(-170.4,	-183.1,	0.0,	1.2);
(-169.0,	-184.6,	0.0,	1.2);	(-167.6,	-186.0,	0.0,	1.2);
(-166.2,	-187.4,	0.0,	1.2);	(-164.8,	-188.8,	0.0,	1.2);
(-162.6,	-190.9,	0.0,	1.2);	(-159.1,	-194.4,	0.0,	1.2);
(-155.6,	-198.0,	0.0,	1.2);	(-148.5,	-205.1,	0.0,	1.2);
(-141.4,	-212.1,	0.0,	1.2);	(-134.4,	-219.2,	0.0,	1.2);
(-127.3,	-226.3,	0.0,	1.2);	(-120.2,	-233.4,	0.0,	1.2);
(-113.1,	-240.4,	0.0,	1.2);	(-106.1,	-247.5,	0.0,	1.2);
(-240.4,	-99.0,	0.0,	1.2);	(-233.4,	-106.1,	0.0,	1.2);
(-226.3,	-113.1,	0.0,	1.2);	(-219.2,	-120.2,	0.0,	1.2);
(-212.1,	-127.3,	0.0,	1.2);	(-205.1,	-134.4,	0.0,	1.2);
(-198.0,	-141.4,	0.0,	1.2);	(-190.9,	-148.5,	0.0,	1.2);
(-187.4,	-152.0,	0.0,	1.2);	(-183.9,	-155.6,	0.0,	1.2);
(-181.7,	-157.7,	0.0,	1.2);	(-180.3,	-159.1,	0.0,	1.2);
(-178.9,	-160.5,	0.0,	1.2);	(-177.5,	-161.9,	0.0,	1.2);
(-176.1,	-163.3,	0.0,	1.2);	(-163.3,	-176.1,	0.0,	1.2);
(-161.9,	-177.5,	0.0,	1.2);	(-160.5,	-178.9,	0.0,	1.2);
(-159.1,	-180.3,	0.0,	1.2);	(-157.7,	-181.7,	0.0,	1.2);
(-155.6,	-183.9,	0.0,	1.2);	(-152.0,	-187.4,	0.0,	1.2);
(-148.5,	-190.9,	0.0,	1.2);	(-141.4,	-198.0,	0.0,	1.2);
(-134.4,	-205.1,	0.0,	1.2);	(-127.3,	-212.1,	0.0,	1.2);
(-120.2,	-219.2,	0.0,	1.2);	(-113.1,	-226.3,	0.0,	1.2);
(-106.1,	-233.4,	0.0,	1.2);	(-99.0,	-240.4,	0.0,	1.2);
(-233.4,	-91.9,	0.0,	1.2);	(-226.3,	-99.0,	0.0,	1.2);
(-219.2,	-106.1,	0.0,	1.2);	(-212.1,	-113.1,	0.0,	1.2);
(-205.1,	-120.2,	0.0,	1.2);	(-198.0,	-127.3,	0.0,	1.2);
(-190.9,	-134.4,	0.0,	1.2);	(-183.9,	-141.4,	0.0,	1.2);
(-180.3,	-145.0,	0.0,	1.2);	(-176.8,	-148.5,	0.0,	1.2);
(-174.7,	-150.6,	0.0,	1.2);	(-173.2,	-152.0,	0.0,	1.2);
(-171.8,	-153.4,	0.0,	1.2);	(-170.4,	-154.9,	0.0,	1.2);
(-169.0,	-156.3,	0.0,	1.2);	(-156.3,	-169.0,	0.0,	1.2);
(-154.9,	-170.4,	0.0,	1.2);	(-153.4,	-171.8,	0.0,	1.2);
(-152.0,	-173.2,	0.0,	1.2);	(-150.6,	-174.7,	0.0,	1.2);
(-148.5,	-176.8,	0.0,	1.2);	(-145.0,	-180.3,	0.0,	1.2);
(-141.4,	-183.9,	0.0,	1.2);	(-134.4,	-190.9,	0.0,	1.2);
(-127.3,	-198.0,	0.0,	1.2);	(-120.2,	-205.1,	0.0,	1.2);
(-113.1,	-212.1,	0.0,	1.2);	(-106.1,	-219.2,	0.0,	1.2);
(-99.0,	-226.3,	0.0,	1.2);	(-91.9,	-233.4,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-226.3, -84.8, 0.0, 1.2);	(-219.2, -91.9, 0.0, 1.2);
(-212.1, -99.0, 0.0, 1.2);	(-205.1, -106.1, 0.0, 1.2);
(-198.0, -113.1, 0.0, 1.2);	(-190.9, -120.2, 0.0, 1.2);
(-183.9, -127.3, 0.0, 1.2);	(-176.8, -134.4, 0.0, 1.2);
(-173.2, -137.9, 0.0, 1.2);	(-169.7, -141.4, 0.0, 1.2);
(-167.6, -143.5, 0.0, 1.2);	(-166.2, -145.0, 0.0, 1.2);
(-164.8, -146.4, 0.0, 1.2);	(-163.3, -147.8, 0.0, 1.2);
(-161.9, -149.2, 0.0, 1.2);	(-149.2, -161.9, 0.0, 1.2);
(-147.8, -163.3, 0.0, 1.2);	(-146.4, -164.8, 0.0, 1.2);
(-145.0, -166.2, 0.0, 1.2);	(-143.5, -167.6, 0.0, 1.2);
(-141.4, -169.7, 0.0, 1.2);	(-137.9, -173.2, 0.0, 1.2);
(-134.4, -176.8, 0.0, 1.2);	(-127.3, -183.9, 0.0, 1.2);
(-120.2, -190.9, 0.0, 1.2);	(-113.1, -198.0, 0.0, 1.2);
(-106.1, -205.1, 0.0, 1.2);	(-99.0, -212.1, 0.0, 1.2);
(-91.9, -219.2, 0.0, 1.2);	(-84.8, -226.3, 0.0, 1.2);
(-219.2, -77.8, 0.0, 1.2);	(-212.1, -84.8, 0.0, 1.2);
(-205.1, -91.9, 0.0, 1.2);	(-198.0, -99.0, 0.0, 1.2);
(-190.9, -106.1, 0.0, 1.2);	(-183.9, -113.1, 0.0, 1.2);
(-176.8, -120.2, 0.0, 1.2);	(-169.7, -127.3, 0.0, 1.2);
(-166.2, -130.8, 0.0, 1.2);	(-162.6, -134.4, 0.0, 1.2);
(-160.5, -136.5, 0.0, 1.2);	(-159.1, -137.9, 0.0, 1.2);
(-157.7, -139.3, 0.0, 1.2);	(-156.3, -140.7, 0.0, 1.2);
(-154.9, -142.1, 0.0, 1.2);	(-142.1, -154.9, 0.0, 1.2);
(-140.7, -156.3, 0.0, 1.2);	(-139.3, -157.7, 0.0, 1.2);
(-137.9, -159.1, 0.0, 1.2);	(-136.5, -160.5, 0.0, 1.2);
(-134.4, -162.6, 0.0, 1.2);	(-130.8, -166.2, 0.0, 1.2);
(-127.3, -169.7, 0.0, 1.2);	(-120.2, -176.8, 0.0, 1.2);
(-113.1, -183.9, 0.0, 1.2);	(-106.1, -190.9, 0.0, 1.2);
(-99.0, -198.0, 0.0, 1.2);	(-91.9, -205.1, 0.0, 1.2);
(-84.8, -212.1, 0.0, 1.2);	(-77.8, -219.2, 0.0, 1.2);
(-212.1, -70.7, 0.0, 1.2);	(-205.1, -77.8, 0.0, 1.2);
(-198.0, -84.8, 0.0, 1.2);	(-190.9, -91.9, 0.0, 1.2);
(-183.9, -99.0, 0.0, 1.2);	(-176.8, -106.1, 0.0, 1.2);
(-169.7, -113.1, 0.0, 1.2);	(-162.6, -120.2, 0.0, 1.2);
(-159.1, -123.7, 0.0, 1.2);	(-155.6, -127.3, 0.0, 1.2);
(-153.4, -129.4, 0.0, 1.2);	(-152.0, -130.8, 0.0, 1.2);
(-150.6, -132.2, 0.0, 1.2);	(-149.2, -133.6, 0.0, 1.2);
(-147.8, -135.1, 0.0, 1.2);	(-135.1, -147.8, 0.0, 1.2);
(-133.6, -149.2, 0.0, 1.2);	(-132.2, -150.6, 0.0, 1.2);

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

(-130.8,	-152.0,	0.0,	1.2);	(-129.4,	-153.4,	0.0,	1.2);
(-127.3,	-155.6,	0.0,	1.2);	(-123.7,	-159.1,	0.0,	1.2);
(-120.2,	-162.6,	0.0,	1.2);	(-113.1,	-169.7,	0.0,	1.2);
(-106.1,	-176.8,	0.0,	1.2);	(-99.0,	-183.9,	0.0,	1.2);
(-91.9,	-190.9,	0.0,	1.2);	(-84.8,	-198.0,	0.0,	1.2);
(-77.8,	-205.1,	0.0,	1.2);	(-70.7,	-212.1,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-205.1,	-63.6,	0.0,	1.2);	(-198.0,	-70.7,	0.0,	1.2);
(-190.9,	-77.8,	0.0,	1.2);	(-183.9,	-84.8,	0.0,	1.2);
(-176.8,	-91.9,	0.0,	1.2);	(-169.7,	-99.0,	0.0,	1.2);
(-162.6,	-106.1,	0.0,	1.2);	(-155.6,	-113.1,	0.0,	1.2);
(-152.0,	-116.7,	0.0,	1.2);	(-148.5,	-120.2,	0.0,	1.2);
(-146.4,	-122.3,	0.0,	1.2);	(-145.0,	-123.7,	0.0,	1.2);
(-143.5,	-125.2,	0.0,	1.2);	(-142.1,	-126.6,	0.0,	1.2);
(-140.7,	-128.0,	0.0,	1.2);	(-128.0,	-140.7,	0.0,	1.2);
(-126.6,	-142.1,	0.0,	1.2);	(-125.2,	-143.5,	0.0,	1.2);
(-123.7,	-145.0,	0.0,	1.2);	(-122.3,	-146.4,	0.0,	1.2);
(-120.2,	-148.5,	0.0,	1.2);	(-116.7,	-152.0,	0.0,	1.2);
(-113.1,	-155.6,	0.0,	1.2);	(-106.1,	-162.6,	0.0,	1.2);
(-99.0,	-169.7,	0.0,	1.2);	(-91.9,	-176.8,	0.0,	1.2);
(-84.8,	-183.9,	0.0,	1.2);	(-77.8,	-190.9,	0.0,	1.2);
(-70.7,	-198.0,	0.0,	1.2);	(-63.6,	-205.1,	0.0,	1.2);
(-198.0,	-56.6,	0.0,	1.2);	(-190.9,	-63.6,	0.0,	1.2);
(-183.9,	-70.7,	0.0,	1.2);	(-176.8,	-77.8,	0.0,	1.2);
(-169.7,	-84.8,	0.0,	1.2);	(-162.6,	-91.9,	0.0,	1.2);
(-155.6,	-99.0,	0.0,	1.2);	(-148.5,	-106.1,	0.0,	1.2);
(-145.0,	-109.6,	0.0,	1.2);	(-141.4,	-113.1,	0.0,	1.2);
(-139.3,	-115.3,	0.0,	1.2);	(-137.9,	-116.7,	0.0,	1.2);
(-136.5,	-118.1,	0.0,	1.2);	(-135.1,	-119.5,	0.0,	1.2);
(-133.6,	-120.9,	0.0,	1.2);	(-120.9,	-133.6,	0.0,	1.2);
(-119.5,	-135.1,	0.0,	1.2);	(-118.1,	-136.5,	0.0,	1.2);
(-116.7,	-137.9,	0.0,	1.2);	(-115.3,	-139.3,	0.0,	1.2);
(-113.1,	-141.4,	0.0,	1.2);	(-109.6,	-145.0,	0.0,	1.2);
(-106.1,	-148.5,	0.0,	1.2);	(-99.0,	-155.6,	0.0,	1.2);
(-91.9,	-162.6,	0.0,	1.2);	(-84.8,	-169.7,	0.0,	1.2);
(-77.8,	-176.8,	0.0,	1.2);	(-70.7,	-183.9,	0.0,	1.2);
(-63.6,	-190.9,	0.0,	1.2);	(-56.6,	-198.0,	0.0,	1.2);
(-190.9,	-49.5,	0.0,	1.2);	(-183.9,	-56.6,	0.0,	1.2);

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

(-176.8,	-63.6,	0.0,	1.2);	(-169.7,	-70.7,	0.0,	1.2);
(-162.6,	-77.8,	0.0,	1.2);	(-155.6,	-84.8,	0.0,	1.2);
(-148.5,	-91.9,	0.0,	1.2);	(-141.4,	-99.0,	0.0,	1.2);
(-137.9,	-102.5,	0.0,	1.2);	(-134.4,	-106.1,	0.0,	1.2);
(-132.2,	-108.2,	0.0,	1.2);	(-130.8,	-109.6,	0.0,	1.2);
(-129.4,	-111.0,	0.0,	1.2);	(-128.0,	-112.4,	0.0,	1.2);
(-126.6,	-113.8,	0.0,	1.2);	(-113.8,	-126.6,	0.0,	1.2);
(-112.4,	-128.0,	0.0,	1.2);	(-111.0,	-129.4,	0.0,	1.2);
(-109.6,	-130.8,	0.0,	1.2);	(-108.2,	-132.2,	0.0,	1.2);
(-106.1,	-134.4,	0.0,	1.2);	(-102.5,	-137.9,	0.0,	1.2);
(-99.0,	-141.4,	0.0,	1.2);	(-91.9,	-148.5,	0.0,	1.2);
(-84.8,	-155.6,	0.0,	1.2);	(-77.8,	-162.6,	0.0,	1.2);
(-70.7,	-169.7,	0.0,	1.2);	(-63.6,	-176.8,	0.0,	1.2);
(-56.6,	-183.9,	0.0,	1.2);	(-49.5,	-190.9,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-183.9,	-42.4,	0.0,	1.2);	(-176.8,	-49.5,	0.0,	1.2);
(-169.7,	-56.6,	0.0,	1.2);	(-162.6,	-63.6,	0.0,	1.2);
(-155.6,	-70.7,	0.0,	1.2);	(-148.5,	-77.8,	0.0,	1.2);
(-141.4,	-84.8,	0.0,	1.2);	(-134.4,	-91.9,	0.0,	1.2);
(-130.8,	-95.5,	0.0,	1.2);	(-127.3,	-99.0,	0.0,	1.2);
(-125.2,	-101.1,	0.0,	1.2);	(-123.7,	-102.5,	0.0,	1.2);
(-122.3,	-103.9,	0.0,	1.2);	(-120.9,	-105.4,	0.0,	1.2);
(-119.5,	-106.8,	0.0,	1.2);	(-106.8,	-119.5,	0.0,	1.2);
(-105.4,	-120.9,	0.0,	1.2);	(-103.9,	-122.3,	0.0,	1.2);
(-102.5,	-123.7,	0.0,	1.2);	(-101.1,	-125.2,	0.0,	1.2);
(-99.0,	-127.3,	0.0,	1.2);	(-95.5,	-130.8,	0.0,	1.2);
(-91.9,	-134.4,	0.0,	1.2);	(-84.8,	-141.4,	0.0,	1.2);
(-77.8,	-148.5,	0.0,	1.2);	(-70.7,	-155.6,	0.0,	1.2);
(-63.6,	-162.6,	0.0,	1.2);	(-56.6,	-169.7,	0.0,	1.2);
(-49.5,	-176.8,	0.0,	1.2);	(-42.4,	-183.9,	0.0,	1.2);
(-176.8,	-35.4,	0.0,	1.2);	(-169.7,	-42.4,	0.0,	1.2);
(-162.6,	-49.5,	0.0,	1.2);	(-155.6,	-56.6,	0.0,	1.2);
(-148.5,	-63.6,	0.0,	1.2);	(-141.4,	-70.7,	0.0,	1.2);
(-134.4,	-77.8,	0.0,	1.2);	(-127.3,	-84.8,	0.0,	1.2);
(-123.7,	-88.4,	0.0,	1.2);	(-120.2,	-91.9,	0.0,	1.2);
(-118.1,	-94.1,	0.0,	1.2);	(-116.7,	-95.5,	0.0,	1.2);
(-115.3,	-96.9,	0.0,	1.2);	(-113.8,	-98.3,	0.0,	1.2);
(-112.4,	-99.7,	0.0,	1.2);	(-99.7,	-112.4,	0.0,	1.2);

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

(-98.3, -113.8, 0.0, 1.2);	(-96.9, -115.3, 0.0, 1.2);
(-95.5, -116.7, 0.0, 1.2);	(-94.1, -118.1, 0.0, 1.2);
(-91.9, -120.2, 0.0, 1.2);	(-88.4, -123.7, 0.0, 1.2);
(-84.8, -127.3, 0.0, 1.2);	(-77.8, -134.4, 0.0, 1.2);
(-70.7, -141.4, 0.0, 1.2);	(-63.6, -148.5, 0.0, 1.2);
(-56.6, -155.6, 0.0, 1.2);	(-49.5, -162.6, 0.0, 1.2);
(-42.4, -169.7, 0.0, 1.2);	(-35.4, -176.8, 0.0, 1.2);
(-169.7, -28.3, 0.0, 1.2);	(-162.6, -35.4, 0.0, 1.2);
(-155.6, -42.4, 0.0, 1.2);	(-148.5, -49.5, 0.0, 1.2);
(-141.4, -56.6, 0.0, 1.2);	(-134.4, -63.6, 0.0, 1.2);
(-127.3, -70.7, 0.0, 1.2);	(-120.2, -77.8, 0.0, 1.2);
(-116.7, -81.3, 0.0, 1.2);	(-113.1, -84.8, 0.0, 1.2);
(-111.0, -87.0, 0.0, 1.2);	(-109.6, -88.4, 0.0, 1.2);
(-108.2, -89.8, 0.0, 1.2);	(-106.8, -91.2, 0.0, 1.2);
(-105.4, -92.6, 0.0, 1.2);	(-92.6, -105.4, 0.0, 1.2);
(-91.2, -106.8, 0.0, 1.2);	(-89.8, -108.2, 0.0, 1.2);
(-88.4, -109.6, 0.0, 1.2);	(-87.0, -111.0, 0.0, 1.2);
(-84.8, -113.1, 0.0, 1.2);	(-81.3, -116.7, 0.0, 1.2);
(-77.8, -120.2, 0.0, 1.2);	(-70.7, -127.3, 0.0, 1.2);
(-63.6, -134.4, 0.0, 1.2);	(-56.6, -141.4, 0.0, 1.2);
(-49.5, -148.5, 0.0, 1.2);	(-42.4, -155.6, 0.0, 1.2);
(-35.4, -162.6, 0.0, 1.2);	(-28.3, -169.7, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-162.6, -21.2, 0.0, 1.2);	(-155.6, -28.3, 0.0, 1.2);
(-148.5, -35.4, 0.0, 1.2);	(-141.4, -42.4, 0.0, 1.2);
(-134.4, -49.5, 0.0, 1.2);	(-127.3, -56.6, 0.0, 1.2);
(-120.2, -63.6, 0.0, 1.2);	(-113.1, -70.7, 0.0, 1.2);
(-109.6, -74.2, 0.0, 1.2);	(-106.1, -77.8, 0.0, 1.2);
(-103.9, -79.9, 0.0, 1.2);	(-102.5, -81.3, 0.0, 1.2);
(-101.1, -82.7, 0.0, 1.2);	(-99.7, -84.2, 0.0, 1.2);
(-98.3, -85.6, 0.0, 1.2);	(-85.6, -98.3, 0.0, 1.2);
(-84.2, -99.7, 0.0, 1.2);	(-82.7, -101.1, 0.0, 1.2);
(-81.3, -102.5, 0.0, 1.2);	(-79.9, -103.9, 0.0, 1.2);
(-77.8, -106.1, 0.0, 1.2);	(-74.2, -109.6, 0.0, 1.2);
(-70.7, -113.1, 0.0, 1.2);	(-63.6, -120.2, 0.0, 1.2);
(-56.6, -127.3, 0.0, 1.2);	(-49.5, -134.4, 0.0, 1.2);
(-42.4, -141.4, 0.0, 1.2);	(-35.4, -148.5, 0.0, 1.2);
(-28.3, -155.6, 0.0, 1.2);	(-21.2, -162.6, 0.0, 1.2);

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

(-155.6,	-14.1,	0.0,	1.2);	(-148.5,	-21.2,	0.0,	1.2);
(-141.4,	-28.3,	0.0,	1.2);	(-134.4,	-35.4,	0.0,	1.2);
(-127.3,	-42.4,	0.0,	1.2);	(-120.2,	-49.5,	0.0,	1.2);
(-113.1,	-56.6,	0.0,	1.2);	(-106.1,	-63.6,	0.0,	1.2);
(-102.5,	-67.2,	0.0,	1.2);	(-99.0,	-70.7,	0.0,	1.2);
(-96.9,	-72.8,	0.0,	1.2);	(-95.5,	-74.2,	0.0,	1.2);
(-94.1,	-75.7,	0.0,	1.2);	(-92.6,	-77.1,	0.0,	1.2);
(-91.2,	-78.5,	0.0,	1.2);	(-78.5,	-91.2,	0.0,	1.2);
(-77.1,	-92.6,	0.0,	1.2);	(-75.7,	-94.1,	0.0,	1.2);
(-74.2,	-95.5,	0.0,	1.2);	(-72.8,	-96.9,	0.0,	1.2);
(-70.7,	-99.0,	0.0,	1.2);	(-67.2,	-102.5,	0.0,	1.2);
(-63.6,	-106.1,	0.0,	1.2);	(-56.6,	-113.1,	0.0,	1.2);
(-49.5,	-120.2,	0.0,	1.2);	(-42.4,	-127.3,	0.0,	1.2);
(-35.4,	-134.4,	0.0,	1.2);	(-28.3,	-141.4,	0.0,	1.2);
(-21.2,	-148.5,	0.0,	1.2);	(-14.1,	-155.6,	0.0,	1.2);
(-148.5,	-7.1,	0.0,	1.2);	(-141.4,	-14.1,	0.0,	1.2);
(-134.4,	-21.2,	0.0,	1.2);	(-127.3,	-28.3,	0.0,	1.2);
(-120.2,	-35.4,	0.0,	1.2);	(-113.1,	-42.4,	0.0,	1.2);
(-106.1,	-49.5,	0.0,	1.2);	(-99.0,	-56.6,	0.0,	1.2);
(-95.5,	-60.1,	0.0,	1.2);	(-91.9,	-63.6,	0.0,	1.2);
(-89.8,	-65.8,	0.0,	1.2);	(-88.4,	-67.2,	0.0,	1.2);
(-87.0,	-68.6,	0.0,	1.2);	(-85.6,	-70.0,	0.0,	1.2);
(-84.2,	-71.4,	0.0,	1.2);	(-71.4,	-84.2,	0.0,	1.2);
(-70.0,	-85.6,	0.0,	1.2);	(-68.6,	-87.0,	0.0,	1.2);
(-67.2,	-88.4,	0.0,	1.2);	(-65.8,	-89.8,	0.0,	1.2);
(-63.6,	-91.9,	0.0,	1.2);	(-60.1,	-95.5,	0.0,	1.2);
(-56.6,	-99.0,	0.0,	1.2);	(-49.5,	-106.1,	0.0,	1.2);
(-42.4,	-113.1,	0.0,	1.2);	(-35.4,	-120.2,	0.0,	1.2);
(-28.3,	-127.3,	0.0,	1.2);	(-21.2,	-134.4,	0.0,	1.2);
(-14.1,	-141.4,	0.0,	1.2);	(-7.1,	-148.5,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-141.4,	0.0,	0.0,	1.2);	(-134.4,	-7.1,	0.0,	1.2);
(-127.3,	-14.1,	0.0,	1.2);	(-120.2,	-21.2,	0.0,	1.2);
(-113.1,	-28.3,	0.0,	1.2);	(-106.1,	-35.4,	0.0,	1.2);
(-99.0,	-42.4,	0.0,	1.2);	(-91.9,	-49.5,	0.0,	1.2);
(-88.4,	-53.0,	0.0,	1.2);	(-84.8,	-56.6,	0.0,	1.2);
(-82.7,	-58.7,	0.0,	1.2);	(-81.3,	-60.1,	0.0,	1.2);
(-79.9,	-61.5,	0.0,	1.2);	(-78.5,	-62.9,	0.0,	1.2);

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

(-77.1, -64.3, 0.0, 1.2);	(-64.3, -77.1, 0.0, 1.2);
(-62.9, -78.5, 0.0, 1.2);	(-61.5, -79.9, 0.0, 1.2);
(-60.1, -81.3, 0.0, 1.2);	(-58.7, -82.7, 0.0, 1.2);
(-56.6, -84.8, 0.0, 1.2);	(-53.0, -88.4, 0.0, 1.2);
(-49.5, -91.9, 0.0, 1.2);	(-42.4, -99.0, 0.0, 1.2);
(-35.4, -106.1, 0.0, 1.2);	(-28.3, -113.1, 0.0, 1.2);
(-21.2, -120.2, 0.0, 1.2);	(-14.1, -127.3, 0.0, 1.2);
(-7.1, -134.4, 0.0, 1.2);	(0.0, -141.4, 0.0, 1.2);
(-134.4, 7.1, 0.0, 1.2);	(-127.3, 0.0, 0.0, 1.2);
(-120.2, -7.1, 0.0, 1.2);	(-113.1, -14.1, 0.0, 1.2);
(-106.1, -21.2, 0.0, 1.2);	(-99.0, -28.3, 0.0, 1.2);
(-91.9, -35.4, 0.0, 1.2);	(-84.8, -42.4, 0.0, 1.2);
(-81.3, -46.0, 0.0, 1.2);	(-77.8, -49.5, 0.0, 1.2);
(-75.7, -51.6, 0.0, 1.2);	(-74.2, -53.0, 0.0, 1.2);
(-72.8, -54.5, 0.0, 1.2);	(-71.4, -55.9, 0.0, 1.2);
(-70.0, -57.3, 0.0, 1.2);	(-57.3, -70.0, 0.0, 1.2);
(-55.9, -71.4, 0.0, 1.2);	(-54.5, -72.8, 0.0, 1.2);
(-53.0, -74.2, 0.0, 1.2);	(-51.6, -75.7, 0.0, 1.2);
(-49.5, -77.8, 0.0, 1.2);	(-46.0, -81.3, 0.0, 1.2);
(-42.4, -84.8, 0.0, 1.2);	(-35.4, -91.9, 0.0, 1.2);
(-28.3, -99.0, 0.0, 1.2);	(-21.2, -106.1, 0.0, 1.2);
(-14.1, -113.1, 0.0, 1.2);	(-7.1, -120.2, 0.0, 1.2);
(0.0, -127.3, 0.0, 1.2);	(7.1, -134.4, 0.0, 1.2);
(-127.3, 14.1, 0.0, 1.2);	(-120.2, 7.1, 0.0, 1.2);
(-113.1, 0.0, 0.0, 1.2);	(-106.1, -7.1, 0.0, 1.2);
(-99.0, -14.1, 0.0, 1.2);	(-91.9, -21.2, 0.0, 1.2);
(-84.8, -28.3, 0.0, 1.2);	(-77.8, -35.4, 0.0, 1.2);
(-74.2, -38.9, 0.0, 1.2);	(-70.7, -42.4, 0.0, 1.2);
(-68.6, -44.5, 0.0, 1.2);	(-67.2, -46.0, 0.0, 1.2);
(-65.8, -47.4, 0.0, 1.2);	(-64.3, -48.8, 0.0, 1.2);
(-62.9, -50.2, 0.0, 1.2);	(-50.2, -62.9, 0.0, 1.2);
(-48.8, -64.3, 0.0, 1.2);	(-47.4, -65.8, 0.0, 1.2);
(-46.0, -67.2, 0.0, 1.2);	(-44.5, -68.6, 0.0, 1.2);
(-42.4, -70.7, 0.0, 1.2);	(-38.9, -74.2, 0.0, 1.2);
(-35.4, -77.8, 0.0, 1.2);	(-28.3, -84.8, 0.0, 1.2);
(-21.2, -91.9, 0.0, 1.2);	(-14.1, -99.0, 0.0, 1.2);
(-7.1, -106.1, 0.0, 1.2);	(0.0, -113.1, 0.0, 1.2);
(7.1, -120.2, 0.0, 1.2);	(14.1, -127.3, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

17:53:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound
(METERS)

(-120.2,	21.2,	0.0,	1.2);	(-113.1,	14.1,	0.0,	1.2);
(-106.1,	7.1,	0.0,	1.2);	(-99.0,	0.0,	0.0,	1.2);
(-91.9,	-7.1,	0.0,	1.2);	(-84.8,	-14.1,	0.0,	1.2);
(-77.8,	-21.2,	0.0,	1.2);	(-70.7,	-28.3,	0.0,	1.2);
(-67.2,	-31.8,	0.0,	1.2);	(-63.6,	-35.4,	0.0,	1.2);
(-61.5,	-37.5,	0.0,	1.2);	(-60.1,	-38.9,	0.0,	1.2);
(-58.7,	-40.3,	0.0,	1.2);	(-57.3,	-41.7,	0.0,	1.2);
(-55.9,	-43.1,	0.0,	1.2);	(-43.1,	-55.9,	0.0,	1.2);
(-41.7,	-57.3,	0.0,	1.2);	(-40.3,	-58.7,	0.0,	1.2);
(-38.9,	-60.1,	0.0,	1.2);	(-37.5,	-61.5,	0.0,	1.2);
(-35.4,	-63.6,	0.0,	1.2);	(-31.8,	-67.2,	0.0,	1.2);
(-28.3,	-70.7,	0.0,	1.2);	(-21.2,	-77.8,	0.0,	1.2);
(-14.1,	-84.8,	0.0,	1.2);	(-7.1,	-91.9,	0.0,	1.2);
(0.0,	-99.0,	0.0,	1.2);	(7.1,	-106.1,	0.0,	1.2);
(14.1,	-113.1,	0.0,	1.2);	(21.2,	-120.2,	0.0,	1.2);
(-113.1,	28.3,	0.0,	1.2);	(-106.1,	21.2,	0.0,	1.2);
(-99.0,	14.1,	0.0,	1.2);	(-91.9,	7.1,	0.0,	1.2);
(-84.8,	0.0,	0.0,	1.2);	(-77.8,	-7.1,	0.0,	1.2);
(-70.7,	-14.1,	0.0,	1.2);	(-63.6,	-21.2,	0.0,	1.2);
(-60.1,	-24.8,	0.0,	1.2);	(-56.6,	-28.3,	0.0,	1.2);
(-54.5,	-30.4,	0.0,	1.2);	(-53.0,	-31.8,	0.0,	1.2);
(-51.6,	-33.2,	0.0,	1.2);	(-50.2,	-34.7,	0.0,	1.2);
(-48.8,	-36.1,	0.0,	1.2);	(-36.1,	-48.8,	0.0,	1.2);
(-34.7,	-50.2,	0.0,	1.2);	(-33.2,	-51.6,	0.0,	1.2);
(-31.8,	-53.0,	0.0,	1.2);	(-30.4,	-54.5,	0.0,	1.2);
(-28.3,	-56.6,	0.0,	1.2);	(-24.8,	-60.1,	0.0,	1.2);
(-21.2,	-63.6,	0.0,	1.2);	(-14.1,	-70.7,	0.0,	1.2);
(-7.1,	-77.8,	0.0,	1.2);	(0.0,	-84.8,	0.0,	1.2);
(7.1,	-91.9,	0.0,	1.2);	(14.1,	-99.0,	0.0,	1.2);
(21.2,	-106.1,	0.0,	1.2);	(28.3,	-113.1,	0.0,	1.2);
(-106.1,	35.4,	0.0,	1.2);	(-99.0,	28.3,	0.0,	1.2);
(-91.9,	21.2,	0.0,	1.2);	(-84.8,	14.1,	0.0,	1.2);
(-77.8,	7.1,	0.0,	1.2);	(-70.7,	0.0,	0.0,	1.2);
(-63.6,	-7.1,	0.0,	1.2);	(-56.6,	-14.1,	0.0,	1.2);
(-53.0,	-17.7,	0.0,	1.2);	(-49.5,	-21.2,	0.0,	1.2);
(-47.4,	-23.3,	0.0,	1.2);	(-46.0,	-24.8,	0.0,	1.2);
(-44.5,	-26.2,	0.0,	1.2);	(-43.1,	-27.6,	0.0,	1.2);
(-41.7,	-29.0,	0.0,	1.2);	(-29.0,	-41.7,	0.0,	1.2);
(-27.6,	-43.1,	0.0,	1.2);	(-26.2,	-44.5,	0.0,	1.2);
(-24.8,	-46.0,	0.0,	1.2);	(-23.3,	-47.4,	0.0,	1.2);
(-21.2,	-49.5,	0.0,	1.2);	(-17.7,	-53.0,	0.0,	1.2);
(-14.1,	-56.6,	0.0,	1.2);	(-7.1,	-63.6,	0.0,	1.2);
(0.0,	-70.7,	0.0,	1.2);	(7.1,	-77.8,	0.0,	1.2);

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

(14.1, -84.8, 0.0, 1.2); (21.2, -91.9, 0.0, 1.2);
(28.3, -99.0, 0.0, 1.2); (35.4, -106.1, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-99.0, 42.4, 0.0, 1.2); (-91.9, 35.4, 0.0, 1.2);
(-84.8, 28.3, 0.0, 1.2); (-77.8, 21.2, 0.0, 1.2);
(-70.7, 14.1, 0.0, 1.2); (-63.6, 7.1, 0.0, 1.2);
(-56.6, 0.0, 0.0, 1.2); (-49.5, -7.1, 0.0, 1.2);
(-46.0, -10.6, 0.0, 1.2); (-42.4, -14.1, 0.0, 1.2);
(-40.3, -16.3, 0.0, 1.2); (-38.9, -17.7, 0.0, 1.2);
(-37.5, -19.1, 0.0, 1.2); (-36.1, -20.5, 0.0, 1.2);
(-34.7, -21.9, 0.0, 1.2); (-21.9, -34.7, 0.0, 1.2);
(-20.5, -36.1, 0.0, 1.2); (-19.1, -37.5, 0.0, 1.2);
(-17.7, -38.9, 0.0, 1.2); (-16.3, -40.3, 0.0, 1.2);
(-14.1, -42.4, 0.0, 1.2); (-10.6, -46.0, 0.0, 1.2);
(-7.1, -49.5, 0.0, 1.2); (0.0, -56.6, 0.0, 1.2);
(7.1, -63.6, 0.0, 1.2); (14.1, -70.7, 0.0, 1.2);
(21.2, -77.8, 0.0, 1.2); (28.3, -84.8, 0.0, 1.2);
(35.4, -91.9, 0.0, 1.2); (42.4, -99.0, 0.0, 1.2);
(-91.9, 49.5, 0.0, 1.2); (-84.8, 42.4, 0.0, 1.2);
(-77.8, 35.4, 0.0, 1.2); (-70.7, 28.3, 0.0, 1.2);
(-63.6, 21.2, 0.0, 1.2); (-56.6, 14.1, 0.0, 1.2);
(-49.5, 7.1, 0.0, 1.2); (-42.4, 0.0, 0.0, 1.2);
(-38.9, -3.5, 0.0, 1.2); (-35.4, -7.1, 0.0, 1.2);
(-33.2, -9.2, 0.0, 1.2); (-31.8, -10.6, 0.0, 1.2);
(-30.4, -12.0, 0.0, 1.2); (-29.0, -13.4, 0.0, 1.2);
(-27.6, -14.9, 0.0, 1.2); (-14.9, -27.6, 0.0, 1.2);
(-13.4, -29.0, 0.0, 1.2); (-12.0, -30.4, 0.0, 1.2);
(-10.6, -31.8, 0.0, 1.2); (-9.2, -33.2, 0.0, 1.2);
(-7.1, -35.4, 0.0, 1.2); (-3.5, -38.9, 0.0, 1.2);
(0.0, -42.4, 0.0, 1.2); (7.1, -49.5, 0.0, 1.2);
(14.1, -56.6, 0.0, 1.2); (21.2, -63.6, 0.0, 1.2);
(28.3, -70.7, 0.0, 1.2); (35.4, -77.8, 0.0, 1.2);
(42.4, -84.8, 0.0, 1.2); (49.5, -91.9, 0.0, 1.2);
(-84.8, 56.6, 0.0, 1.2); (-77.8, 49.5, 0.0, 1.2);
(-70.7, 42.4, 0.0, 1.2); (-63.6, 35.4, 0.0, 1.2);
(-56.6, 28.3, 0.0, 1.2); (-49.5, 21.2, 0.0, 1.2);
(-42.4, 14.1, 0.0, 1.2); (-35.4, 7.1, 0.0, 1.2);
(-31.8, 3.5, 0.0, 1.2); (-28.3, 0.0, 0.0, 1.2);

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

(	-26.2,	-2.1,	0.0,	1.2);	(	-24.8,	-3.5,	0.0,	1.2);
(	-23.3,	-4.9,	0.0,	1.2);	(	-21.9,	-6.4,	0.0,	1.2);
(	-20.5,	-7.8,	0.0,	1.2);	(	-7.8,	-20.5,	0.0,	1.2);
(	-6.4,	-21.9,	0.0,	1.2);	(	-4.9,	-23.3,	0.0,	1.2);
(	-3.5,	-24.8,	0.0,	1.2);	(	-2.1,	-26.2,	0.0,	1.2);
(	0.0,	-28.3,	0.0,	1.2);	(	3.5,	-31.8,	0.0,	1.2);
(	7.1,	-35.4,	0.0,	1.2);	(	14.1,	-42.4,	0.0,	1.2);
(	21.2,	-49.5,	0.0,	1.2);	(	28.3,	-56.6,	0.0,	1.2);
(	35.4,	-63.6,	0.0,	1.2);	(	42.4,	-70.7,	0.0,	1.2);
(	49.5,	-77.8,	0.0,	1.2);	(	56.6,	-84.8,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(	-77.8,	63.6,	0.0,	1.2);	(	-70.7,	56.6,	0.0,	1.2);
(	-63.6,	49.5,	0.0,	1.2);	(	-56.6,	42.4,	0.0,	1.2);
(	-49.5,	35.4,	0.0,	1.2);	(	-42.4,	28.3,	0.0,	1.2);
(	-35.4,	21.2,	0.0,	1.2);	(	-28.3,	14.1,	0.0,	1.2);
(	-24.8,	10.6,	0.0,	1.2);	(	-21.2,	7.1,	0.0,	1.2);
(	-19.1,	4.9,	0.0,	1.2);	(	-17.7,	3.5,	0.0,	1.2);
(	-16.3,	2.1,	0.0,	1.2);	(	-14.9,	0.7,	0.0,	1.2);
(	-13.4,	-0.7,	0.0,	1.2);	(	-0.7,	-13.4,	0.0,	1.2);
(	0.7,	-14.9,	0.0,	1.2);	(	2.1,	-16.3,	0.0,	1.2);
(	3.5,	-17.7,	0.0,	1.2);	(	4.9,	-19.1,	0.0,	1.2);
(	7.1,	-21.2,	0.0,	1.2);	(	10.6,	-24.8,	0.0,	1.2);
(	14.1,	-28.3,	0.0,	1.2);	(	21.2,	-35.4,	0.0,	1.2);
(	28.3,	-42.4,	0.0,	1.2);	(	35.4,	-49.5,	0.0,	1.2);
(	42.4,	-56.6,	0.0,	1.2);	(	49.5,	-63.6,	0.0,	1.2);
(	56.6,	-70.7,	0.0,	1.2);	(	63.6,	-77.8,	0.0,	1.2);
(	-70.7,	70.7,	0.0,	1.2);	(	-63.6,	63.6,	0.0,	1.2);
(	-56.6,	56.6,	0.0,	1.2);	(	-49.5,	49.5,	0.0,	1.2);
(	-42.4,	42.4,	0.0,	1.2);	(	-35.4,	35.4,	0.0,	1.2);
(	-28.3,	28.3,	0.0,	1.2);	(	-21.2,	21.2,	0.0,	1.2);
(	-17.7,	17.7,	0.0,	1.2);	(	-14.1,	14.1,	0.0,	1.2);
(	-12.0,	12.0,	0.0,	1.2);	(	-10.6,	10.6,	0.0,	1.2);
(	-9.2,	9.2,	0.0,	1.2);	(	-7.8,	7.8,	0.0,	1.2);
(	-6.4,	6.4,	0.0,	1.2);	(	6.4,	-6.4,	0.0,	1.2);
(	7.8,	-7.8,	0.0,	1.2);	(	9.2,	-9.2,	0.0,	1.2);
(	10.6,	-10.6,	0.0,	1.2);	(	12.0,	-12.0,	0.0,	1.2);
(	14.1,	-14.1,	0.0,	1.2);	(	17.7,	-17.7,	0.0,	1.2);
(	21.2,	-21.2,	0.0,	1.2);	(	28.3,	-28.3,	0.0,	1.2);

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

(35.4, -35.4, 0.0, 1.2);	(-42.4, -42.4, 0.0, 1.2);
(49.5, -49.5, 0.0, 1.2);	(56.6, -56.6, 0.0, 1.2);
(63.6, -63.6, 0.0, 1.2);	(70.7, -70.7, 0.0, 1.2);
(-63.6, 77.8, 0.0, 1.2);	(-56.6, 70.7, 0.0, 1.2);
(-49.5, 63.6, 0.0, 1.2);	(-42.4, 56.6, 0.0, 1.2);
(-35.4, 49.5, 0.0, 1.2);	(-28.3, 42.4, 0.0, 1.2);
(-21.2, 35.4, 0.0, 1.2);	(-14.1, 28.3, 0.0, 1.2);
(-10.6, 24.8, 0.0, 1.2);	(-7.1, 21.2, 0.0, 1.2);
(-4.9, 19.1, 0.0, 1.2);	(-3.5, 17.7, 0.0, 1.2);
(-2.1, 16.3, 0.0, 1.2);	(-0.7, 14.9, 0.0, 1.2);
(0.7, 13.4, 0.0, 1.2);	(13.4, 0.7, 0.0, 1.2);
(14.9, -0.7, 0.0, 1.2);	(16.3, -2.1, 0.0, 1.2);
(17.7, -3.5, 0.0, 1.2);	(19.1, -4.9, 0.0, 1.2);
(21.2, -7.1, 0.0, 1.2);	(24.8, -10.6, 0.0, 1.2);
(28.3, -14.1, 0.0, 1.2);	(35.4, -21.2, 0.0, 1.2);
(42.4, -28.3, 0.0, 1.2);	(49.5, -35.4, 0.0, 1.2);
(56.6, -42.4, 0.0, 1.2);	(63.6, -49.5, 0.0, 1.2);
(70.7, -56.6, 0.0, 1.2);	(77.8, -63.6, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-56.6, 84.8, 0.0, 1.2);	(-49.5, 77.8, 0.0, 1.2);
(-42.4, 70.7, 0.0, 1.2);	(-35.4, 63.6, 0.0, 1.2);
(-28.3, 56.6, 0.0, 1.2);	(-21.2, 49.5, 0.0, 1.2);
(-14.1, 42.4, 0.0, 1.2);	(-7.1, 35.4, 0.0, 1.2);
(-3.5, 31.8, 0.0, 1.2);	(0.0, 28.3, 0.0, 1.2);
(2.1, 26.2, 0.0, 1.2);	(3.5, 24.8, 0.0, 1.2);
(4.9, 23.3, 0.0, 1.2);	(6.4, 21.9, 0.0, 1.2);
(7.8, 20.5, 0.0, 1.2);	(20.5, 7.8, 0.0, 1.2);
(21.9, 6.4, 0.0, 1.2);	(23.3, 4.9, 0.0, 1.2);
(24.8, 3.5, 0.0, 1.2);	(26.2, 2.1, 0.0, 1.2);
(28.3, 0.0, 0.0, 1.2);	(31.8, -3.5, 0.0, 1.2);
(35.4, -7.1, 0.0, 1.2);	(42.4, -14.1, 0.0, 1.2);
(49.5, -21.2, 0.0, 1.2);	(56.6, -28.3, 0.0, 1.2);
(63.6, -35.4, 0.0, 1.2);	(70.7, -42.4, 0.0, 1.2);
(77.8, -49.5, 0.0, 1.2);	(84.8, -56.6, 0.0, 1.2);
(-49.5, 91.9, 0.0, 1.2);	(-42.4, 84.8, 0.0, 1.2);
(-35.4, 77.8, 0.0, 1.2);	(-28.3, 70.7, 0.0, 1.2);
(-21.2, 63.6, 0.0, 1.2);	(-14.1, 56.6, 0.0, 1.2);
(-7.1, 49.5, 0.0, 1.2);	(0.0, 42.4, 0.0, 1.2);

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

(3.5, 38.9, 0.0, 1.2);	(7.1, 35.4, 0.0, 1.2);
(9.2, 33.2, 0.0, 1.2);	(10.6, 31.8, 0.0, 1.2);
(12.0, 30.4, 0.0, 1.2);	(13.4, 29.0, 0.0, 1.2);
(14.9, 27.6, 0.0, 1.2);	(27.6, 14.9, 0.0, 1.2);
(29.0, 13.4, 0.0, 1.2);	(30.4, 12.0, 0.0, 1.2);
(31.8, 10.6, 0.0, 1.2);	(33.2, 9.2, 0.0, 1.2);
(35.4, 7.1, 0.0, 1.2);	(38.9, 3.5, 0.0, 1.2);
(42.4, 0.0, 0.0, 1.2);	(49.5, -7.1, 0.0, 1.2);
(56.6, -14.1, 0.0, 1.2);	(63.6, -21.2, 0.0, 1.2);
(70.7, -28.3, 0.0, 1.2);	(77.8, -35.4, 0.0, 1.2);
(84.8, -42.4, 0.0, 1.2);	(91.9, -49.5, 0.0, 1.2);
(-42.4, 99.0, 0.0, 1.2);	(-35.4, 91.9, 0.0, 1.2);
(-28.3, 84.8, 0.0, 1.2);	(-21.2, 77.8, 0.0, 1.2);
(-14.1, 70.7, 0.0, 1.2);	(-7.1, 63.6, 0.0, 1.2);
(0.0, 56.6, 0.0, 1.2);	(7.1, 49.5, 0.0, 1.2);
(10.6, 46.0, 0.0, 1.2);	(14.1, 42.4, 0.0, 1.2);
(16.3, 40.3, 0.0, 1.2);	(17.7, 38.9, 0.0, 1.2);
(19.1, 37.5, 0.0, 1.2);	(20.5, 36.1, 0.0, 1.2);
(21.9, 34.7, 0.0, 1.2);	(34.7, 21.9, 0.0, 1.2);
(36.1, 20.5, 0.0, 1.2);	(37.5, 19.1, 0.0, 1.2);
(38.9, 17.7, 0.0, 1.2);	(40.3, 16.3, 0.0, 1.2);
(42.4, 14.1, 0.0, 1.2);	(46.0, 10.6, 0.0, 1.2);
(49.5, 7.1, 0.0, 1.2);	(56.6, 0.0, 0.0, 1.2);
(63.6, -7.1, 0.0, 1.2);	(70.7, -14.1, 0.0, 1.2);
(77.8, -21.2, 0.0, 1.2);	(84.8, -28.3, 0.0, 1.2);
(91.9, -35.4, 0.0, 1.2);	(99.0, -42.4, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

17:53:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-35.4, 106.1, 0.0, 1.2);	(-28.3, 99.0, 0.0, 1.2);
(-21.2, 91.9, 0.0, 1.2);	(-14.1, 84.8, 0.0, 1.2);
(-7.1, 77.8, 0.0, 1.2);	(0.0, 70.7, 0.0, 1.2);
(7.1, 63.6, 0.0, 1.2);	(14.1, 56.6, 0.0, 1.2);
(17.7, 53.0, 0.0, 1.2);	(21.2, 49.5, 0.0, 1.2);
(23.3, 47.4, 0.0, 1.2);	(24.8, 46.0, 0.0, 1.2);
(26.2, 44.5, 0.0, 1.2);	(27.6, 43.1, 0.0, 1.2);
(29.0, 41.7, 0.0, 1.2);	(41.7, 29.0, 0.0, 1.2);
(43.1, 27.6, 0.0, 1.2);	(44.5, 26.2, 0.0, 1.2);
(46.0, 24.8, 0.0, 1.2);	(47.4, 23.3, 0.0, 1.2);
(49.5, 21.2, 0.0, 1.2);	(53.0, 17.7, 0.0, 1.2);

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

(56.6,	14.1,	0.0,	1.2);	(63.6,	7.1,	0.0,	1.2);
(70.7,	0.0,	0.0,	1.2);	(77.8,	-7.1,	0.0,	1.2);
(84.8,	-14.1,	0.0,	1.2);	(91.9,	-21.2,	0.0,	1.2);
(99.0,	-28.3,	0.0,	1.2);	(106.1,	-35.4,	0.0,	1.2);
(-28.3,	113.1,	0.0,	1.2);	(-21.2,	106.1,	0.0,	1.2);
(-14.1,	99.0,	0.0,	1.2);	(-7.1,	91.9,	0.0,	1.2);
(0.0,	84.8,	0.0,	1.2);	(7.1,	77.8,	0.0,	1.2);
(14.1,	70.7,	0.0,	1.2);	(21.2,	63.6,	0.0,	1.2);
(24.8,	60.1,	0.0,	1.2);	(28.3,	56.6,	0.0,	1.2);
(30.4,	54.5,	0.0,	1.2);	(31.8,	53.0,	0.0,	1.2);
(33.2,	51.6,	0.0,	1.2);	(34.7,	50.2,	0.0,	1.2);
(36.1,	48.8,	0.0,	1.2);	(48.8,	36.1,	0.0,	1.2);
(50.2,	34.7,	0.0,	1.2);	(51.6,	33.2,	0.0,	1.2);
(53.0,	31.8,	0.0,	1.2);	(54.5,	30.4,	0.0,	1.2);
(56.6,	28.3,	0.0,	1.2);	(60.1,	24.8,	0.0,	1.2);
(63.6,	21.2,	0.0,	1.2);	(70.7,	14.1,	0.0,	1.2);
(77.8,	7.1,	0.0,	1.2);	(84.8,	0.0,	0.0,	1.2);
(91.9,	-7.1,	0.0,	1.2);	(99.0,	-14.1,	0.0,	1.2);
(106.1,	-21.2,	0.0,	1.2);	(113.1,	-28.3,	0.0,	1.2);
(-21.2,	120.2,	0.0,	1.2);	(-14.1,	113.1,	0.0,	1.2);
(-7.1,	106.1,	0.0,	1.2);	(0.0,	99.0,	0.0,	1.2);
(7.1,	91.9,	0.0,	1.2);	(14.1,	84.8,	0.0,	1.2);
(21.2,	77.8,	0.0,	1.2);	(28.3,	70.7,	0.0,	1.2);
(31.8,	67.2,	0.0,	1.2);	(35.4,	63.6,	0.0,	1.2);
(37.5,	61.5,	0.0,	1.2);	(38.9,	60.1,	0.0,	1.2);
(40.3,	58.7,	0.0,	1.2);	(41.7,	57.3,	0.0,	1.2);
(43.1,	55.9,	0.0,	1.2);	(55.9,	43.1,	0.0,	1.2);
(57.3,	41.7,	0.0,	1.2);	(58.7,	40.3,	0.0,	1.2);
(60.1,	38.9,	0.0,	1.2);	(61.5,	37.5,	0.0,	1.2);
(63.6,	35.4,	0.0,	1.2);	(67.2,	31.8,	0.0,	1.2);
(70.7,	28.3,	0.0,	1.2);	(77.8,	21.2,	0.0,	1.2);
(84.8,	14.1,	0.0,	1.2);	(91.9,	7.1,	0.0,	1.2);
(99.0,	0.0,	0.0,	1.2);	(106.1,	-7.1,	0.0,	1.2);
(113.1,	-14.1,	0.0,	1.2);	(120.2,	-21.2,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-14.1,	127.3,	0.0,	1.2);	(-7.1,	120.2,	0.0,	1.2);
(0.0,	113.1,	0.0,	1.2);	(7.1,	106.1,	0.0,	1.2);
(14.1,	99.0,	0.0,	1.2);	(21.2,	91.9,	0.0,	1.2);

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

(28.3,	84.8,	0.0,	1.2);	(35.4,	77.8,	0.0,	1.2);
(38.9,	74.2,	0.0,	1.2);	(42.4,	70.7,	0.0,	1.2);
(44.5,	68.6,	0.0,	1.2);	(46.0,	67.2,	0.0,	1.2);
(47.4,	65.8,	0.0,	1.2);	(48.8,	64.3,	0.0,	1.2);
(50.2,	62.9,	0.0,	1.2);	(62.9,	50.2,	0.0,	1.2);
(64.3,	48.8,	0.0,	1.2);	(65.8,	47.4,	0.0,	1.2);
(67.2,	46.0,	0.0,	1.2);	(68.6,	44.5,	0.0,	1.2);
(70.7,	42.4,	0.0,	1.2);	(74.2,	38.9,	0.0,	1.2);
(77.8,	35.4,	0.0,	1.2);	(84.8,	28.3,	0.0,	1.2);
(91.9,	21.2,	0.0,	1.2);	(99.0,	14.1,	0.0,	1.2);
(106.1,	7.1,	0.0,	1.2);	(113.1,	0.0,	0.0,	1.2);
(120.2,	-7.1,	0.0,	1.2);	(127.3,	-14.1,	0.0,	1.2);
(-7.1,	134.4,	0.0,	1.2);	(0.0,	127.3,	0.0,	1.2);
(7.1,	120.2,	0.0,	1.2);	(14.1,	113.1,	0.0,	1.2);
(21.2,	106.1,	0.0,	1.2);	(28.3,	99.0,	0.0,	1.2);
(35.4,	91.9,	0.0,	1.2);	(42.4,	84.8,	0.0,	1.2);
(46.0,	81.3,	0.0,	1.2);	(49.5,	77.8,	0.0,	1.2);
(51.6,	75.7,	0.0,	1.2);	(53.0,	74.2,	0.0,	1.2);
(54.5,	72.8,	0.0,	1.2);	(55.9,	71.4,	0.0,	1.2);
(57.3,	70.0,	0.0,	1.2);	(70.0,	57.3,	0.0,	1.2);
(71.4,	55.9,	0.0,	1.2);	(72.8,	54.5,	0.0,	1.2);
(74.2,	53.0,	0.0,	1.2);	(75.7,	51.6,	0.0,	1.2);
(77.8,	49.5,	0.0,	1.2);	(81.3,	46.0,	0.0,	1.2);
(84.8,	42.4,	0.0,	1.2);	(91.9,	35.4,	0.0,	1.2);
(99.0,	28.3,	0.0,	1.2);	(106.1,	21.2,	0.0,	1.2);
(113.1,	14.1,	0.0,	1.2);	(120.2,	7.1,	0.0,	1.2);
(127.3,	0.0,	0.0,	1.2);	(134.4,	-7.1,	0.0,	1.2);
(0.0,	141.4,	0.0,	1.2);	(7.1,	134.4,	0.0,	1.2);
(14.1,	127.3,	0.0,	1.2);	(21.2,	120.2,	0.0,	1.2);
(28.3,	113.1,	0.0,	1.2);	(35.4,	106.1,	0.0,	1.2);
(42.4,	99.0,	0.0,	1.2);	(49.5,	91.9,	0.0,	1.2);
(53.0,	88.4,	0.0,	1.2);	(56.6,	84.8,	0.0,	1.2);
(58.7,	82.7,	0.0,	1.2);	(60.1,	81.3,	0.0,	1.2);
(61.5,	79.9,	0.0,	1.2);	(62.9,	78.5,	0.0,	1.2);
(64.3,	77.1,	0.0,	1.2);	(77.1,	64.3,	0.0,	1.2);
(78.5,	62.9,	0.0,	1.2);	(79.9,	61.5,	0.0,	1.2);
(81.3,	60.1,	0.0,	1.2);	(82.7,	58.7,	0.0,	1.2);
(84.8,	56.6,	0.0,	1.2);	(88.4,	53.0,	0.0,	1.2);
(91.9,	49.5,	0.0,	1.2);	(99.0,	42.4,	0.0,	1.2);
(106.1,	35.4,	0.0,	1.2);	(113.1,	28.3,	0.0,	1.2);
(120.2,	21.2,	0.0,	1.2);	(127.3,	14.1,	0.0,	1.2);
(134.4,	7.1,	0.0,	1.2);	(141.4,	0.0,	0.0,	1.2);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(7.1, 148.5, 0.0, 1.2);	(14.1, 141.4, 0.0, 1.2);
(21.2, 134.4, 0.0, 1.2);	(28.3, 127.3, 0.0, 1.2);
(35.4, 120.2, 0.0, 1.2);	(42.4, 113.1, 0.0, 1.2);
(49.5, 106.1, 0.0, 1.2);	(56.6, 99.0, 0.0, 1.2);
(60.1, 95.5, 0.0, 1.2);	(63.6, 91.9, 0.0, 1.2);
(65.8, 89.8, 0.0, 1.2);	(67.2, 88.4, 0.0, 1.2);
(68.6, 87.0, 0.0, 1.2);	(70.0, 85.6, 0.0, 1.2);
(71.4, 84.2, 0.0, 1.2);	(84.2, 71.4, 0.0, 1.2);
(85.6, 70.0, 0.0, 1.2);	(87.0, 68.6, 0.0, 1.2);
(88.4, 67.2, 0.0, 1.2);	(89.8, 65.8, 0.0, 1.2);
(91.9, 63.6, 0.0, 1.2);	(95.5, 60.1, 0.0, 1.2);
(99.0, 56.6, 0.0, 1.2);	(106.1, 49.5, 0.0, 1.2);
(113.1, 42.4, 0.0, 1.2);	(120.2, 35.4, 0.0, 1.2);
(127.3, 28.3, 0.0, 1.2);	(134.4, 21.2, 0.0, 1.2);
(141.4, 14.1, 0.0, 1.2);	(148.5, 7.1, 0.0, 1.2);
(14.1, 155.6, 0.0, 1.2);	(21.2, 148.5, 0.0, 1.2);
(28.3, 141.4, 0.0, 1.2);	(35.4, 134.4, 0.0, 1.2);
(42.4, 127.3, 0.0, 1.2);	(49.5, 120.2, 0.0, 1.2);
(56.6, 113.1, 0.0, 1.2);	(63.6, 106.1, 0.0, 1.2);
(67.2, 102.5, 0.0, 1.2);	(70.7, 99.0, 0.0, 1.2);
(72.8, 96.9, 0.0, 1.2);	(74.2, 95.5, 0.0, 1.2);
(75.7, 94.1, 0.0, 1.2);	(77.1, 92.6, 0.0, 1.2);
(78.5, 91.2, 0.0, 1.2);	(91.2, 78.5, 0.0, 1.2);
(92.6, 77.1, 0.0, 1.2);	(94.1, 75.7, 0.0, 1.2);
(95.5, 74.2, 0.0, 1.2);	(96.9, 72.8, 0.0, 1.2);
(99.0, 70.7, 0.0, 1.2);	(102.5, 67.2, 0.0, 1.2);
(106.1, 63.6, 0.0, 1.2);	(113.1, 56.6, 0.0, 1.2);
(120.2, 49.5, 0.0, 1.2);	(127.3, 42.4, 0.0, 1.2);
(134.4, 35.4, 0.0, 1.2);	(141.4, 28.3, 0.0, 1.2);
(148.5, 21.2, 0.0, 1.2);	(155.6, 14.1, 0.0, 1.2);
(21.2, 162.6, 0.0, 1.2);	(28.3, 155.6, 0.0, 1.2);
(35.4, 148.5, 0.0, 1.2);	(42.4, 141.4, 0.0, 1.2);
(49.5, 134.4, 0.0, 1.2);	(56.6, 127.3, 0.0, 1.2);
(63.6, 120.2, 0.0, 1.2);	(70.7, 113.1, 0.0, 1.2);
(74.2, 109.6, 0.0, 1.2);	(77.8, 106.1, 0.0, 1.2);
(79.9, 103.9, 0.0, 1.2);	(81.3, 102.5, 0.0, 1.2);
(82.7, 101.1, 0.0, 1.2);	(84.2, 99.7, 0.0, 1.2);
(85.6, 98.3, 0.0, 1.2);	(98.3, 85.6, 0.0, 1.2);
(99.7, 84.2, 0.0, 1.2);	(101.1, 82.7, 0.0, 1.2);

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

(102.5,	81.3,	0.0,	1.2);	(103.9,	79.9,	0.0,	1.2);
(106.1,	77.8,	0.0,	1.2);	(109.6,	74.2,	0.0,	1.2);
(113.1,	70.7,	0.0,	1.2);	(120.2,	63.6,	0.0,	1.2);
(127.3,	56.6,	0.0,	1.2);	(134.4,	49.5,	0.0,	1.2);
(141.4,	42.4,	0.0,	1.2);	(148.5,	35.4,	0.0,	1.2);
(155.6,	28.3,	0.0,	1.2);	(162.6,	21.2,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(28.3,	169.7,	0.0,	1.2);	(35.4,	162.6,	0.0,	1.2);
(42.4,	155.6,	0.0,	1.2);	(49.5,	148.5,	0.0,	1.2);
(56.6,	141.4,	0.0,	1.2);	(63.6,	134.4,	0.0,	1.2);
(70.7,	127.3,	0.0,	1.2);	(77.8,	120.2,	0.0,	1.2);
(81.3,	116.7,	0.0,	1.2);	(84.8,	113.1,	0.0,	1.2);
(87.0,	111.0,	0.0,	1.2);	(88.4,	109.6,	0.0,	1.2);
(89.8,	108.2,	0.0,	1.2);	(91.2,	106.8,	0.0,	1.2);
(92.6,	105.4,	0.0,	1.2);	(105.4,	92.6,	0.0,	1.2);
(106.8,	91.2,	0.0,	1.2);	(108.2,	89.8,	0.0,	1.2);
(109.6,	88.4,	0.0,	1.2);	(111.0,	87.0,	0.0,	1.2);
(113.1,	84.8,	0.0,	1.2);	(116.7,	81.3,	0.0,	1.2);
(120.2,	77.8,	0.0,	1.2);	(127.3,	70.7,	0.0,	1.2);
(134.4,	63.6,	0.0,	1.2);	(141.4,	56.6,	0.0,	1.2);
(148.5,	49.5,	0.0,	1.2);	(155.6,	42.4,	0.0,	1.2);
(162.6,	35.4,	0.0,	1.2);	(169.7,	28.3,	0.0,	1.2);
(35.4,	176.8,	0.0,	1.2);	(42.4,	169.7,	0.0,	1.2);
(49.5,	162.6,	0.0,	1.2);	(56.6,	155.6,	0.0,	1.2);
(63.6,	148.5,	0.0,	1.2);	(70.7,	141.4,	0.0,	1.2);
(77.8,	134.4,	0.0,	1.2);	(84.8,	127.3,	0.0,	1.2);
(88.4,	123.7,	0.0,	1.2);	(91.9,	120.2,	0.0,	1.2);
(94.1,	118.1,	0.0,	1.2);	(95.5,	116.7,	0.0,	1.2);
(96.9,	115.3,	0.0,	1.2);	(98.3,	113.8,	0.0,	1.2);
(99.7,	112.4,	0.0,	1.2);	(112.4,	99.7,	0.0,	1.2);
(113.8,	98.3,	0.0,	1.2);	(115.3,	96.9,	0.0,	1.2);
(116.7,	95.5,	0.0,	1.2);	(118.1,	94.1,	0.0,	1.2);
(120.2,	91.9,	0.0,	1.2);	(123.7,	88.4,	0.0,	1.2);
(127.3,	84.8,	0.0,	1.2);	(134.4,	77.8,	0.0,	1.2);
(141.4,	70.7,	0.0,	1.2);	(148.5,	63.6,	0.0,	1.2);
(155.6,	56.6,	0.0,	1.2);	(162.6,	49.5,	0.0,	1.2);
(169.7,	42.4,	0.0,	1.2);	(176.8,	35.4,	0.0,	1.2);
(42.4,	183.9,	0.0,	1.2);	(49.5,	176.8,	0.0,	1.2);

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

(56.6,	169.7,	0.0,	1.2);	(63.6,	162.6,	0.0,	1.2);
(70.7,	155.6,	0.0,	1.2);	(77.8,	148.5,	0.0,	1.2);
(84.8,	141.4,	0.0,	1.2);	(91.9,	134.4,	0.0,	1.2);
(95.5,	130.8,	0.0,	1.2);	(99.0,	127.3,	0.0,	1.2);
(101.1,	125.2,	0.0,	1.2);	(102.5,	123.7,	0.0,	1.2);
(103.9,	122.3,	0.0,	1.2);	(105.4,	120.9,	0.0,	1.2);
(106.8,	119.5,	0.0,	1.2);	(119.5,	106.8,	0.0,	1.2);
(120.9,	105.4,	0.0,	1.2);	(122.3,	103.9,	0.0,	1.2);
(123.7,	102.5,	0.0,	1.2);	(125.2,	101.1,	0.0,	1.2);
(127.3,	99.0,	0.0,	1.2);	(130.8,	95.5,	0.0,	1.2);
(134.4,	91.9,	0.0,	1.2);	(141.4,	84.8,	0.0,	1.2);
(148.5,	77.8,	0.0,	1.2);	(155.6,	70.7,	0.0,	1.2);
(162.6,	63.6,	0.0,	1.2);	(169.7,	56.6,	0.0,	1.2);
(176.8,	49.5,	0.0,	1.2);	(183.9,	42.4,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(49.5,	190.9,	0.0,	1.2);	(56.6,	183.9,	0.0,	1.2);
(63.6,	176.8,	0.0,	1.2);	(70.7,	169.7,	0.0,	1.2);
(77.8,	162.6,	0.0,	1.2);	(84.8,	155.6,	0.0,	1.2);
(91.9,	148.5,	0.0,	1.2);	(99.0,	141.4,	0.0,	1.2);
(102.5,	137.9,	0.0,	1.2);	(106.1,	134.4,	0.0,	1.2);
(108.2,	132.2,	0.0,	1.2);	(109.6,	130.8,	0.0,	1.2);
(111.0,	129.4,	0.0,	1.2);	(112.4,	128.0,	0.0,	1.2);
(113.8,	126.6,	0.0,	1.2);	(126.6,	113.8,	0.0,	1.2);
(128.0,	112.4,	0.0,	1.2);	(129.4,	111.0,	0.0,	1.2);
(130.8,	109.6,	0.0,	1.2);	(132.2,	108.2,	0.0,	1.2);
(134.4,	106.1,	0.0,	1.2);	(137.9,	102.5,	0.0,	1.2);
(141.4,	99.0,	0.0,	1.2);	(148.5,	91.9,	0.0,	1.2);
(155.6,	84.8,	0.0,	1.2);	(162.6,	77.8,	0.0,	1.2);
(169.7,	70.7,	0.0,	1.2);	(176.8,	63.6,	0.0,	1.2);
(183.9,	56.6,	0.0,	1.2);	(190.9,	49.5,	0.0,	1.2);
(56.6,	198.0,	0.0,	1.2);	(63.6,	190.9,	0.0,	1.2);
(70.7,	183.9,	0.0,	1.2);	(77.8,	176.8,	0.0,	1.2);
(84.8,	169.7,	0.0,	1.2);	(91.9,	162.6,	0.0,	1.2);
(99.0,	155.6,	0.0,	1.2);	(106.1,	148.5,	0.0,	1.2);
(109.6,	145.0,	0.0,	1.2);	(113.1,	141.4,	0.0,	1.2);
(115.3,	139.3,	0.0,	1.2);	(116.7,	137.9,	0.0,	1.2);
(118.1,	136.5,	0.0,	1.2);	(119.5,	135.1,	0.0,	1.2);
(120.9,	133.6,	0.0,	1.2);	(133.6,	120.9,	0.0,	1.2);

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

(135.1,	119.5,	0.0,	1.2);	(136.5,	118.1,	0.0,	1.2);
(137.9,	116.7,	0.0,	1.2);	(139.3,	115.3,	0.0,	1.2);
(141.4,	113.1,	0.0,	1.2);	(145.0,	109.6,	0.0,	1.2);
(148.5,	106.1,	0.0,	1.2);	(155.6,	99.0,	0.0,	1.2);
(162.6,	91.9,	0.0,	1.2);	(169.7,	84.8,	0.0,	1.2);
(176.8,	77.8,	0.0,	1.2);	(183.9,	70.7,	0.0,	1.2);
(190.9,	63.6,	0.0,	1.2);	(198.0,	56.6,	0.0,	1.2);
(63.6,	205.1,	0.0,	1.2);	(70.7,	198.0,	0.0,	1.2);
(77.8,	190.9,	0.0,	1.2);	(84.8,	183.9,	0.0,	1.2);
(91.9,	176.8,	0.0,	1.2);	(99.0,	169.7,	0.0,	1.2);
(106.1,	162.6,	0.0,	1.2);	(113.1,	155.6,	0.0,	1.2);
(116.7,	152.0,	0.0,	1.2);	(120.2,	148.5,	0.0,	1.2);
(122.3,	146.4,	0.0,	1.2);	(123.7,	145.0,	0.0,	1.2);
(125.2,	143.5,	0.0,	1.2);	(126.6,	142.1,	0.0,	1.2);
(128.0,	140.7,	0.0,	1.2);	(140.7,	128.0,	0.0,	1.2);
(142.1,	126.6,	0.0,	1.2);	(143.5,	125.2,	0.0,	1.2);
(145.0,	123.7,	0.0,	1.2);	(146.4,	122.3,	0.0,	1.2);
(148.5,	120.2,	0.0,	1.2);	(152.0,	116.7,	0.0,	1.2);
(155.6,	113.1,	0.0,	1.2);	(162.6,	106.1,	0.0,	1.2);
(169.7,	99.0,	0.0,	1.2);	(176.8,	91.9,	0.0,	1.2);
(183.9,	84.8,	0.0,	1.2);	(190.9,	77.8,	0.0,	1.2);
(198.0,	70.7,	0.0,	1.2);	(205.1,	63.6,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 19

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(70.7,	212.1,	0.0,	1.2);	(77.8,	205.1,	0.0,	1.2);
(84.8,	198.0,	0.0,	1.2);	(91.9,	190.9,	0.0,	1.2);
(99.0,	183.9,	0.0,	1.2);	(106.1,	176.8,	0.0,	1.2);
(113.1,	169.7,	0.0,	1.2);	(120.2,	162.6,	0.0,	1.2);
(123.7,	159.1,	0.0,	1.2);	(127.3,	155.6,	0.0,	1.2);
(129.4,	153.4,	0.0,	1.2);	(130.8,	152.0,	0.0,	1.2);
(132.2,	150.6,	0.0,	1.2);	(133.6,	149.2,	0.0,	1.2);
(135.1,	147.8,	0.0,	1.2);	(147.8,	135.1,	0.0,	1.2);
(149.2,	133.6,	0.0,	1.2);	(150.6,	132.2,	0.0,	1.2);
(152.0,	130.8,	0.0,	1.2);	(153.4,	129.4,	0.0,	1.2);
(155.6,	127.3,	0.0,	1.2);	(159.1,	123.7,	0.0,	1.2);
(162.6,	120.2,	0.0,	1.2);	(169.7,	113.1,	0.0,	1.2);
(176.8,	106.1,	0.0,	1.2);	(183.9,	99.0,	0.0,	1.2);
(190.9,	91.9,	0.0,	1.2);	(198.0,	84.8,	0.0,	1.2);
(205.1,	77.8,	0.0,	1.2);	(212.1,	70.7,	0.0,	1.2);

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

(77.8,	219.2,	0.0,	1.2);	(84.8,	212.1,	0.0,	1.2);
(91.9,	205.1,	0.0,	1.2);	(99.0,	198.0,	0.0,	1.2);
(106.1,	190.9,	0.0,	1.2);	(113.1,	183.9,	0.0,	1.2);
(120.2,	176.8,	0.0,	1.2);	(127.3,	169.7,	0.0,	1.2);
(130.8,	166.2,	0.0,	1.2);	(134.4,	162.6,	0.0,	1.2);
(136.5,	160.5,	0.0,	1.2);	(137.9,	159.1,	0.0,	1.2);
(139.3,	157.7,	0.0,	1.2);	(140.7,	156.3,	0.0,	1.2);
(142.1,	154.9,	0.0,	1.2);	(154.9,	142.1,	0.0,	1.2);
(156.3,	140.7,	0.0,	1.2);	(157.7,	139.3,	0.0,	1.2);
(159.1,	137.9,	0.0,	1.2);	(160.5,	136.5,	0.0,	1.2);
(162.6,	134.4,	0.0,	1.2);	(166.2,	130.8,	0.0,	1.2);
(169.7,	127.3,	0.0,	1.2);	(176.8,	120.2,	0.0,	1.2);
(183.9,	113.1,	0.0,	1.2);	(190.9,	106.1,	0.0,	1.2);
(198.0,	99.0,	0.0,	1.2);	(205.1,	91.9,	0.0,	1.2);
(212.1,	84.8,	0.0,	1.2);	(219.2,	77.8,	0.0,	1.2);
(84.8,	226.3,	0.0,	1.2);	(91.9,	219.2,	0.0,	1.2);
(99.0,	212.1,	0.0,	1.2);	(106.1,	205.1,	0.0,	1.2);
(113.1,	198.0,	0.0,	1.2);	(120.2,	190.9,	0.0,	1.2);
(127.3,	183.9,	0.0,	1.2);	(134.4,	176.8,	0.0,	1.2);
(137.9,	173.2,	0.0,	1.2);	(141.4,	169.7,	0.0,	1.2);
(143.5,	167.6,	0.0,	1.2);	(145.0,	166.2,	0.0,	1.2);
(146.4,	164.8,	0.0,	1.2);	(147.8,	163.3,	0.0,	1.2);
(149.2,	161.9,	0.0,	1.2);	(161.9,	149.2,	0.0,	1.2);
(163.3,	147.8,	0.0,	1.2);	(164.8,	146.4,	0.0,	1.2);
(166.2,	145.0,	0.0,	1.2);	(167.6,	143.5,	0.0,	1.2);
(169.7,	141.4,	0.0,	1.2);	(173.2,	137.9,	0.0,	1.2);
(176.8,	134.4,	0.0,	1.2);	(183.9,	127.3,	0.0,	1.2);
(190.9,	120.2,	0.0,	1.2);	(198.0,	113.1,	0.0,	1.2);
(205.1,	106.1,	0.0,	1.2);	(212.1,	99.0,	0.0,	1.2);
(219.2,	91.9,	0.0,	1.2);	(226.3,	84.8,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(91.9,	233.4,	0.0,	1.2);	(99.0,	226.3,	0.0,	1.2);
(106.1,	219.2,	0.0,	1.2);	(113.1,	212.1,	0.0,	1.2);
(120.2,	205.1,	0.0,	1.2);	(127.3,	198.0,	0.0,	1.2);
(134.4,	190.9,	0.0,	1.2);	(141.4,	183.9,	0.0,	1.2);
(145.0,	180.3,	0.0,	1.2);	(148.5,	176.8,	0.0,	1.2);
(150.6,	174.7,	0.0,	1.2);	(152.0,	173.2,	0.0,	1.2);
(153.4,	171.8,	0.0,	1.2);	(154.9,	170.4,	0.0,	1.2);

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

(156.3,	169.0,	0.0,	1.2);	(169.0,	156.3,	0.0,	1.2);
(170.4,	154.9,	0.0,	1.2);	(171.8,	153.4,	0.0,	1.2);
(173.2,	152.0,	0.0,	1.2);	(174.7,	150.6,	0.0,	1.2);
(176.8,	148.5,	0.0,	1.2);	(180.3,	145.0,	0.0,	1.2);
(183.9,	141.4,	0.0,	1.2);	(190.9,	134.4,	0.0,	1.2);
(198.0,	127.3,	0.0,	1.2);	(205.1,	120.2,	0.0,	1.2);
(212.1,	113.1,	0.0,	1.2);	(219.2,	106.1,	0.0,	1.2);
(226.3,	99.0,	0.0,	1.2);	(233.4,	91.9,	0.0,	1.2);
(99.0,	240.4,	0.0,	1.2);	(106.1,	233.4,	0.0,	1.2);
(113.1,	226.3,	0.0,	1.2);	(120.2,	219.2,	0.0,	1.2);
(127.3,	212.1,	0.0,	1.2);	(134.4,	205.1,	0.0,	1.2);
(141.4,	198.0,	0.0,	1.2);	(148.5,	190.9,	0.0,	1.2);
(152.0,	187.4,	0.0,	1.2);	(155.6,	183.9,	0.0,	1.2);
(157.7,	181.7,	0.0,	1.2);	(159.1,	180.3,	0.0,	1.2);
(160.5,	178.9,	0.0,	1.2);	(161.9,	177.5,	0.0,	1.2);
(163.3,	176.1,	0.0,	1.2);	(176.1,	163.3,	0.0,	1.2);
(177.5,	161.9,	0.0,	1.2);	(178.9,	160.5,	0.0,	1.2);
(180.3,	159.1,	0.0,	1.2);	(181.7,	157.7,	0.0,	1.2);
(183.9,	155.6,	0.0,	1.2);	(187.4,	152.0,	0.0,	1.2);
(190.9,	148.5,	0.0,	1.2);	(198.0,	141.4,	0.0,	1.2);
(205.1,	134.4,	0.0,	1.2);	(212.1,	127.3,	0.0,	1.2);
(219.2,	120.2,	0.0,	1.2);	(226.3,	113.1,	0.0,	1.2);
(233.4,	106.1,	0.0,	1.2);	(240.4,	99.0,	0.0,	1.2);
(106.1,	247.5,	0.0,	1.2);	(113.1,	240.4,	0.0,	1.2);
(120.2,	233.4,	0.0,	1.2);	(127.3,	226.3,	0.0,	1.2);
(134.4,	219.2,	0.0,	1.2);	(141.4,	212.1,	0.0,	1.2);
(148.5,	205.1,	0.0,	1.2);	(155.6,	198.0,	0.0,	1.2);
(159.1,	194.4,	0.0,	1.2);	(162.6,	190.9,	0.0,	1.2);
(164.8,	188.8,	0.0,	1.2);	(166.2,	187.4,	0.0,	1.2);
(167.6,	186.0,	0.0,	1.2);	(169.0,	184.6,	0.0,	1.2);
(170.4,	183.1,	0.0,	1.2);	(183.1,	170.4,	0.0,	1.2);
(184.6,	169.0,	0.0,	1.2);	(186.0,	167.6,	0.0,	1.2);
(187.4,	166.2,	0.0,	1.2);	(188.8,	164.8,	0.0,	1.2);
(190.9,	162.6,	0.0,	1.2);	(194.4,	159.1,	0.0,	1.2);
(198.0,	155.6,	0.0,	1.2);	(205.1,	148.5,	0.0,	1.2);
(212.1,	141.4,	0.0,	1.2);	(219.2,	134.4,	0.0,	1.2);
(226.3,	127.3,	0.0,	1.2);	(233.4,	120.2,	0.0,	1.2);
(240.4,	113.1,	0.0,	1.2);	(247.5,	106.1,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

17:53:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 1995 1 1 1
 AND END DATE: 1995 12 31 24

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
 (METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY					6
	1	2	3	4	5	
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
 (DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					6
	1	2	3	4	5	
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	

1 *** ICSCT3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at NE/SW Bound Direction ***
 17:53:19
 **MODELOPTS:
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 CONNC URBAN FLAT FLGPOL DFAULT

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: C:\NCRA\Modeling\Met Data\Napa\NAP95300.ASC

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)

SURFACE STATION NO.: 4901 UPPER AIR STATION NO.: 4901
 NAME: UNKNOWN NAME: UNKNOWN
 YEAR: 1995 YEAR: 1995

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
95	01	01	01	162.0	2.68	279.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	02	224.0	3.62	281.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	03	154.0	2.19	280.3	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	04	188.0	2.82	279.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	05	212.0	2.37	280.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	06	136.0	1.83	280.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	07	140.0	1.61	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	08	168.0	1.83	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	09	161.0	2.32	280.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	10	160.0	2.77	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	11	169.0	3.08	281.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	12	182.0	3.04	281.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	13	175.0	3.13	282.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	14	172.0	3.62	282.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	15	169.0	3.08	282.4	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	16	171.0	3.00	282.3	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	17	172.0	2.32	282.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	18	183.0	2.82	281.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	19	177.0	2.46	281.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	20	213.0	1.74	281.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	21	185.0	2.06	281.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	22	252.0	1.52	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	23	191.0	1.16	278.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	24	214.0	1.00	278.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00012	-240.42	-113.14	0.00012
-233.35	-120.21	0.00012	-226.27	-127.28	0.00012
-219.20	-134.35	0.00013	-212.13	-141.42	0.00013
-205.06	-148.49	0.00013	-197.99	-155.56	0.00013
-194.45	-159.10	0.00013	-190.92	-162.63	0.00013
-188.80	-164.76	0.00013	-187.38	-166.17	0.00013
-185.97	-167.58	0.00013	-184.55	-169.00	0.00013
-183.14	-170.41	0.00013	-170.41	-183.14	0.00014
-169.00	-184.55	0.00014	-167.58	-185.97	0.00014
-166.17	-187.38	0.00014	-164.76	-188.80	0.00014
-162.63	-190.92	0.00014	-159.10	-194.45	0.00014
-155.56	-197.99	0.00013	-148.49	-205.06	0.00013
-141.42	-212.13	0.00013	-134.35	-219.20	0.00013
-127.28	-226.27	0.00013	-120.21	-233.35	0.00013
-113.14	-240.42	0.00013	-106.07	-247.49	0.00012
-240.42	-98.99	0.00012	-233.35	-106.07	0.00012
-226.27	-113.14	0.00013	-219.20	-120.21	0.00013

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-212.13	-127.28	0.00013	-205.06	-134.35	0.00013
-197.99	-141.42	0.00014	-190.92	-148.49	0.00014
-187.38	-152.03	0.00014	-183.85	-155.56	0.00014
-181.73	-157.68	0.00014	-180.31	-159.10	0.00014
-178.90	-160.51	0.00014	-177.48	-161.93	0.00014
-176.07	-163.34	0.00014	-163.34	-176.07	0.00014
-161.93	-177.48	0.00014	-160.51	-178.90	0.00014
-159.10	-180.31	0.00014	-157.68	-181.73	0.00014
-155.56	-183.85	0.00014	-152.03	-187.38	0.00014
-148.49	-190.92	0.00014	-141.42	-197.99	0.00014
-134.35	-205.06	0.00014	-127.28	-212.13	0.00014
-120.21	-219.20	0.00014	-113.14	-226.27	0.00013
-106.07	-233.35	0.00013	-98.99	-240.42	0.00013
-233.35	-91.92	0.00012	-226.27	-99.00	0.00013
-219.20	-106.07	0.00013	-212.13	-113.14	0.00013
-205.06	-120.21	0.00014	-197.99	-127.28	0.00014
-190.92	-134.35	0.00014	-183.85	-141.42	0.00014
-180.31	-144.96	0.00015	-176.78	-148.49	0.00015
-174.66	-150.61	0.00015	-173.24	-152.03	0.00015
-171.83	-153.44	0.00015	-170.41	-154.86	0.00015
-169.00	-156.27	0.00015	-156.27	-169.00	0.00015
-154.86	-170.41	0.00015	-153.44	-171.83	0.00015
-152.03	-173.24	0.00015	-150.61	-174.66	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00015	-144.96	-180.31	0.00015
-141.42	-183.85	0.00015	-134.35	-190.92	0.00015
-127.28	-197.99	0.00014	-120.21	-205.06	0.00014
-113.14	-212.13	0.00014	-106.07	-219.20	0.00014
-98.99	-226.27	0.00014	-91.92	-233.35	0.00013
-226.27	-84.85	0.00013	-219.20	-91.92	0.00013
-212.13	-99.00	0.00014	-205.06	-106.07	0.00014
-197.99	-113.14	0.00014	-190.92	-120.21	0.00015
-183.85	-127.28	0.00015	-176.78	-134.35	0.00015
-173.24	-137.89	0.00015	-169.71	-141.42	0.00015
-167.58	-143.54	0.00015	-166.17	-144.96	0.00015

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-164.76	-146.37	0.00015	-163.34	-147.79	0.00015
-161.93	-149.20	0.00015	-149.20	-161.93	0.00015
-147.79	-163.34	0.00015	-146.37	-164.76	0.00015
-144.96	-166.17	0.00015	-143.54	-167.58	0.00015
-141.42	-169.71	0.00015	-137.89	-173.24	0.00015
-134.35	-176.78	0.00015	-127.28	-183.85	0.00015
-120.21	-190.92	0.00015	-113.14	-197.99	0.00015
-106.07	-205.06	0.00015	-98.99	-212.13	0.00014
-91.92	-219.20	0.00014	-84.85	-226.27	0.00014
-219.20	-77.78	0.00014	-212.13	-84.85	0.00014
-205.06	-91.92	0.00014	-197.99	-99.00	0.00015
-190.92	-106.07	0.00015	-183.85	-113.14	0.00015
-176.78	-120.21	0.00016	-169.71	-127.28	0.00016
-166.17	-130.81	0.00016	-162.63	-134.35	0.00016
-160.51	-136.47	0.00016	-159.10	-137.89	0.00016
-157.68	-139.30	0.00016	-156.27	-140.71	0.00016
-154.86	-142.13	0.00016	-142.13	-154.86	0.00016
-140.71	-156.27	0.00016	-139.30	-157.68	0.00016
-137.89	-159.10	0.00016	-136.47	-160.51	0.00016
-134.35	-162.63	0.00016	-130.81	-166.17	0.00016
-127.28	-169.71	0.00016	-120.21	-176.78	0.00016
-113.14	-183.85	0.00016	-106.07	-190.92	0.00016
-98.99	-197.99	0.00015	-91.92	-205.06	0.00015
-84.85	-212.13	0.00015	-77.78	-219.20	0.00015
-212.13	-70.71	0.00014	-205.06	-77.78	0.00014
-197.99	-84.85	0.00015	-190.92	-91.92	0.00015
-183.85	-98.99	0.00016	-176.78	-106.07	0.00016
-169.71	-113.14	0.00016	-162.63	-120.21	0.00017
-159.10	-123.74	0.00017	-155.56	-127.28	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTS:
 PAGE 25
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00017	-152.03	-130.81	0.00017
-150.61	-132.23	0.00017	-149.20	-133.64	0.00017
-147.79	-135.06	0.00017	-135.06	-147.79	0.00017
-133.64	-149.20	0.00017	-132.23	-150.61	0.00017
-130.81	-152.03	0.00017	-129.40	-153.44	0.00017

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-155.56	0.00017	-123.74	-159.10	0.00017
-120.21	-162.63	0.00017	-113.14	-169.71	0.00017
-106.07	-176.78	0.00017	-98.99	-183.85	0.00016
-91.92	-190.92	0.00016	-84.85	-197.99	0.00016
-77.78	-205.06	0.00015	-70.71	-212.13	0.00015
-205.06	-63.64	0.00015	-197.99	-70.71	0.00015
-190.92	-77.78	0.00015	-183.85	-84.85	0.00016
-176.78	-91.92	0.00016	-169.71	-98.99	0.00017
-162.63	-106.07	0.00017	-155.56	-113.14	0.00017
-152.03	-116.67	0.00017	-148.49	-120.21	0.00018
-146.37	-122.33	0.00018	-144.96	-123.74	0.00018
-143.54	-125.16	0.00018	-142.13	-126.57	0.00018
-140.71	-127.99	0.00018	-127.99	-140.71	0.00018
-126.57	-142.13	0.00018	-125.16	-143.54	0.00018
-123.74	-144.96	0.00018	-122.33	-146.37	0.00018
-120.21	-148.49	0.00018	-116.67	-152.03	0.00018
-113.14	-155.56	0.00018	-106.07	-162.63	0.00017
-98.99	-169.71	0.00017	-91.92	-176.78	0.00017
-84.85	-183.85	0.00017	-77.78	-190.92	0.00016
-70.71	-197.99	0.00016	-63.64	-205.06	0.00016
-197.99	-56.57	0.00015	-190.92	-63.64	0.00016
-183.85	-70.71	0.00016	-176.78	-77.78	0.00017
-169.71	-84.85	0.00017	-162.63	-91.92	0.00017
-155.56	-98.99	0.00018	-148.49	-106.07	0.00018
-144.96	-109.60	0.00018	-141.42	-113.14	0.00018
-139.30	-115.26	0.00018	-137.89	-116.67	0.00018
-136.47	-118.09	0.00018	-135.06	-119.50	0.00019
-133.64	-120.92	0.00019	-120.92	-133.64	0.00019
-119.50	-135.06	0.00019	-118.09	-136.47	0.00019
-116.67	-137.89	0.00019	-115.26	-139.30	0.00019
-113.14	-141.42	0.00019	-109.60	-144.96	0.00019
-106.07	-148.49	0.00019	-98.99	-155.56	0.00018
-91.92	-162.63	0.00018	-84.85	-169.71	0.00018
-77.78	-176.78	0.00018	-70.71	-183.85	0.00017
-63.64	-190.92	0.00017	-56.57	-197.99	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***
 17:53:19
 **MODELOPTs:
 PAGE 26
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

12NCRA NAPA95-300_DPM_TRAV_ANN_NE-SW Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00016	-183.85	-56.57	0.00016
-176.78	-63.64	0.00017	-169.71	-70.71	0.00017
-162.63	-77.78	0.00018	-155.56	-84.85	0.00018
-148.49	-91.92	0.00019	-141.42	-98.99	0.00019
-137.89	-102.53	0.00019	-134.35	-106.07	0.00019
-132.23	-108.19	0.00019	-130.81	-109.60	0.00019
-129.40	-111.02	0.00019	-127.99	-112.43	0.00019
-126.57	-113.84	0.00020	-113.84	-126.57	0.00020
-112.43	-127.99	0.00020	-111.02	-129.40	0.00020
-109.60	-130.81	0.00020	-108.19	-132.23	0.00020
-106.07	-134.35	0.00020	-102.53	-137.89	0.00020
-98.99	-141.42	0.00019	-91.92	-148.49	0.00019
-84.85	-155.56	0.00019	-77.78	-162.63	0.00019
-70.71	-169.71	0.00018	-63.64	-176.78	0.00018
-56.57	-183.85	0.00018	-49.50	-190.92	0.00017
-183.85	-42.43	0.00017	-176.78	-49.50	0.00017
-169.71	-56.57	0.00018	-162.63	-63.64	0.00018
-155.56	-70.71	0.00019	-148.49	-77.78	0.00019
-141.42	-84.85	0.00020	-134.35	-91.92	0.00020
-130.81	-95.46	0.00020	-127.28	-98.99	0.00020
-125.16	-101.12	0.00020	-123.74	-102.53	0.00020
-122.33	-103.94	0.00021	-120.92	-105.36	0.00021
-119.50	-106.77	0.00021	-106.77	-119.50	0.00021
-105.36	-120.92	0.00021	-103.94	-122.33	0.00021
-102.53	-123.74	0.00021	-101.12	-125.16	0.00021
-98.99	-127.28	0.00021	-95.46	-130.81	0.00021
-91.92	-134.35	0.00021	-84.85	-141.42	0.00020
-77.78	-148.49	0.00020	-70.71	-155.56	0.00020
-63.64	-162.63	0.00019	-56.57	-169.71	0.00019
-49.50	-176.78	0.00019	-42.43	-183.85	0.00018
-176.78	-35.36	0.00018	-169.71	-42.43	0.00018
-162.63	-49.50	0.00019	-155.56	-56.57	0.00019
-148.49	-63.64	0.00020	-141.42	-70.71	0.00020
-134.35	-77.78	0.00021	-127.28	-84.85	0.00021
-123.74	-88.39	0.00021	-120.21	-91.92	0.00021
-118.09	-94.05	0.00022	-116.67	-95.46	0.00022
-115.26	-96.87	0.00022	-113.84	-98.29	0.00022
-112.43	-99.70	0.00022	-99.70	-112.43	0.00022
-98.29	-113.84	0.00022	-96.87	-115.26	0.00022
-95.46	-116.67	0.00022	-94.05	-118.09	0.00022

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

17:53:19

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00022	-88.39	-123.74	0.00022
-84.85	-127.28	0.00022	-77.78	-134.35	0.00021
-70.71	-141.42	0.00021	-63.64	-148.49	0.00021
-56.57	-155.56	0.00020	-49.50	-162.63	0.00020
-42.43	-169.71	0.00020	-35.36	-176.78	0.00019
-169.71	-28.28	0.00018	-162.63	-35.36	0.00019
-155.56	-42.43	0.00019	-148.49	-49.50	0.00020
-141.42	-56.57	0.00021	-134.35	-63.64	0.00021
-127.28	-70.71	0.00022	-120.21	-77.78	0.00022
-116.67	-81.32	0.00023	-113.14	-84.85	0.00023
-111.02	-86.97	0.00023	-109.60	-88.39	0.00023
-108.19	-89.80	0.00023	-106.77	-91.22	0.00023
-105.36	-92.63	0.00023	-92.63	-105.36	0.00023
-91.22	-106.77	0.00023	-89.80	-108.19	0.00023
-88.39	-109.60	0.00023	-86.97	-111.02	0.00023
-84.85	-113.14	0.00023	-81.32	-116.67	0.00023
-77.78	-120.21	0.00023	-70.71	-127.28	0.00023
-63.64	-134.35	0.00022	-56.57	-141.42	0.00022
-49.50	-148.49	0.00021	-42.43	-155.56	0.00021
-35.36	-162.63	0.00021	-28.28	-169.71	0.00020
-162.63	-21.21	0.00019	-155.56	-28.28	0.00020
-148.49	-35.36	0.00020	-141.42	-42.43	0.00021
-134.35	-49.50	0.00022	-127.28	-56.57	0.00022
-120.21	-63.64	0.00023	-113.14	-70.71	0.00024
-109.60	-74.25	0.00024	-106.07	-77.78	0.00024
-103.94	-79.90	0.00024	-102.53	-81.32	0.00024
-101.12	-82.73	0.00024	-99.70	-84.15	0.00024
-98.29	-85.56	0.00024	-85.56	-98.29	0.00024
-84.15	-99.70	0.00024	-82.73	-101.12	0.00024
-81.32	-102.53	0.00024	-79.90	-103.94	0.00024
-77.78	-106.07	0.00024	-74.25	-109.60	0.00024
-70.71	-113.14	0.00024	-63.64	-120.21	0.00024
-56.57	-127.28	0.00024	-49.50	-134.35	0.00023
-42.43	-141.42	0.00023	-35.36	-148.49	0.00022
-28.28	-155.56	0.00022	-21.21	-162.63	0.00021
-155.56	-14.14	0.00020	-148.49	-21.21	0.00021
-141.42	-28.28	0.00022	-134.35	-35.36	0.00022

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-42.43	0.00023	-120.21	-49.50	0.00024
-113.14	-56.57	0.00024	-106.07	-63.64	0.00025
-102.53	-67.18	0.00025	-98.99	-70.71	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 28

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00026	-95.46	-74.25	0.00026
-94.05	-75.66	0.00026	-92.63	-77.07	0.00026
-91.22	-78.49	0.00026	-78.49	-91.22	0.00026
-77.07	-92.63	0.00026	-75.66	-94.05	0.00026
-74.25	-95.46	0.00026	-72.83	-96.87	0.00026
-70.71	-98.99	0.00026	-67.18	-102.53	0.00026
-63.64	-106.07	0.00026	-56.57	-113.14	0.00025
-49.50	-120.21	0.00025	-42.43	-127.28	0.00024
-35.36	-134.35	0.00024	-28.28	-141.42	0.00023
-21.21	-148.49	0.00023	-14.14	-155.56	0.00023
-148.49	-7.07	0.00021	-141.42	-14.14	0.00022
-134.35	-21.21	0.00023	-127.28	-28.28	0.00023
-120.21	-35.36	0.00024	-113.14	-42.43	0.00025
-106.07	-49.50	0.00026	-98.99	-56.57	0.00027
-95.46	-60.10	0.00027	-91.92	-63.64	0.00027
-89.80	-65.76	0.00027	-88.39	-67.18	0.00027
-86.97	-68.59	0.00027	-85.56	-70.00	0.00027
-84.15	-71.42	0.00027	-71.42	-84.15	0.00028
-70.00	-85.56	0.00028	-68.59	-86.97	0.00028
-67.18	-88.39	0.00028	-65.76	-89.80	0.00028
-63.64	-91.92	0.00028	-60.10	-95.46	0.00027
-56.57	-98.99	0.00027	-49.50	-106.07	0.00027
-42.43	-113.14	0.00026	-35.36	-120.21	0.00026
-28.28	-127.28	0.00025	-21.21	-134.35	0.00025
-14.14	-141.42	0.00024	-7.07	-148.49	0.00024
-141.42	0.00	0.00022	-134.35	-7.07	0.00023
-127.28	-14.14	0.00024	-120.21	-21.21	0.00025
-113.14	-28.28	0.00026	-106.07	-35.36	0.00027
-98.99	-42.43	0.00028	-91.92	-49.50	0.00028
-88.39	-53.03	0.00029	-84.85	-56.57	0.00029
-82.73	-58.69	0.00029	-81.32	-60.10	0.00029

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-79.90	-61.52	0.00029	-78.49	-62.93	0.00029
-77.07	-64.35	0.00029	-64.35	-77.07	0.00029
-62.93	-78.49	0.00029	-61.52	-79.90	0.00029
-60.10	-81.32	0.00029	-58.69	-82.73	0.00029
-56.57	-84.85	0.00029	-53.03	-88.39	0.00029
-49.50	-91.92	0.00029	-42.43	-98.99	0.00029
-35.36	-106.07	0.00028	-28.28	-113.14	0.00027
-21.21	-120.21	0.00027	-14.14	-127.28	0.00026
-7.07	-134.35	0.00026	0.00	-141.42	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 29
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00024	-127.28	0.00	0.00025
-120.21	-7.07	0.00025	-113.14	-14.14	0.00026
-106.07	-21.21	0.00027	-98.99	-28.28	0.00028
-91.92	-35.36	0.00029	-84.85	-42.43	0.00030
-81.32	-45.96	0.00030	-77.78	-49.50	0.00031
-75.66	-51.62	0.00031	-74.25	-53.03	0.00031
-72.83	-54.45	0.00031	-71.42	-55.86	0.00031
-70.00	-57.28	0.00031	-57.28	-70.00	0.00032
-55.86	-71.42	0.00032	-54.45	-72.83	0.00031
-53.03	-74.25	0.00031	-51.62	-75.66	0.00031
-49.50	-77.78	0.00031	-45.96	-81.32	0.00031
-42.43	-84.85	0.00031	-35.36	-91.92	0.00031
-28.28	-98.99	0.00030	-21.21	-106.07	0.00029
-14.14	-113.14	0.00028	-7.07	-120.21	0.00028
0.00	-127.28	0.00027	7.07	-134.35	0.00027
-127.28	14.14	0.00025	-120.21	7.07	0.00026
-113.14	0.00	0.00027	-106.07	-7.07	0.00028
-98.99	-14.14	0.00029	-91.92	-21.21	0.00030
-84.85	-28.28	0.00031	-77.78	-35.36	0.00032
-74.25	-38.89	0.00033	-70.71	-42.43	0.00033
-68.59	-44.55	0.00033	-67.18	-45.96	0.00033
-65.76	-47.38	0.00033	-64.35	-48.79	0.00033
-62.93	-50.20	0.00033	-50.20	-62.93	0.00034
-48.79	-64.35	0.00034	-47.38	-65.76	0.00034
-45.96	-67.18	0.00034	-44.55	-68.59	0.00034

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	-70.71	0.00034	-38.89	-74.25	0.00033
-35.36	-77.78	0.00033	-28.28	-84.85	0.00033
-21.21	-91.92	0.00032	-14.14	-98.99	0.00031
-7.07	-106.07	0.00030	0.00	-113.14	0.00030
7.07	-120.21	0.00029	14.14	-127.28	0.00029
-120.21	21.21	0.00026	-113.14	14.14	0.00028
-106.07	7.07	0.00029	-98.99	0.00	0.00030
-91.92	-7.07	0.00031	-84.85	-14.14	0.00032
-77.78	-21.21	0.00033	-70.71	-28.28	0.00034
-67.18	-31.82	0.00035	-63.64	-35.36	0.00035
-61.52	-37.48	0.00036	-60.10	-38.89	0.00036
-58.69	-40.31	0.00036	-57.28	-41.72	0.00036
-55.86	-43.13	0.00036	-43.13	-55.86	0.00036
-41.72	-57.28	0.00036	-40.31	-58.69	0.00036
-38.89	-60.10	0.00036	-37.48	-61.52	0.00036

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00036	-31.82	-67.18	0.00036
-28.28	-70.71	0.00036	-21.21	-77.78	0.00035
-14.14	-84.85	0.00034	-7.07	-91.92	0.00033
0.00	-98.99	0.00032	7.07	-106.07	0.00032
14.14	-113.14	0.00031	21.21	-120.21	0.00031
-113.14	28.28	0.00028	-106.07	21.21	0.00029
-98.99	14.14	0.00030	-91.92	7.07	0.00032
-84.85	0.00	0.00033	-77.78	-7.07	0.00034
-70.71	-14.14	0.00036	-63.64	-21.21	0.00037
-60.10	-24.75	0.00038	-56.57	-28.28	0.00038
-54.45	-30.41	0.00038	-53.03	-31.82	0.00038
-51.62	-33.23	0.00039	-50.20	-34.65	0.00039
-48.79	-36.06	0.00039	-36.06	-48.79	0.00039
-34.65	-50.20	0.00039	-33.23	-51.62	0.00039
-31.82	-53.03	0.00039	-30.41	-54.45	0.00039
-28.28	-56.57	0.00039	-24.75	-60.10	0.00039
-21.21	-63.64	0.00038	-14.14	-70.71	0.00037
-7.07	-77.78	0.00037	0.00	-84.85	0.00036
7.07	-91.92	0.00035	14.14	-98.99	0.00034

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

21.21	-106.07	0.00033	28.28	-113.14	0.00033
-106.07	35.36	0.00029	-98.99	28.28	0.00031
-91.92	21.21	0.00032	-84.85	14.14	0.00034
-77.78	7.07	0.00035	-70.71	0.00	0.00037
-63.64	-7.07	0.00038	-56.57	-14.14	0.00040
-53.03	-17.68	0.00040	-49.50	-21.21	0.00041
-47.38	-23.33	0.00041	-45.96	-24.75	0.00041
-44.55	-26.16	0.00042	-43.13	-27.58	0.00042
-41.72	-28.99	0.00042	-28.99	-41.72	0.00042
-27.58	-43.13	0.00042	-26.16	-44.55	0.00042
-24.75	-45.96	0.00042	-23.33	-47.38	0.00042
-21.21	-49.50	0.00042	-17.68	-53.03	0.00042
-14.14	-56.57	0.00041	-7.07	-63.64	0.00040
0.00	-70.71	0.00039	7.07	-77.78	0.00038
14.14	-84.85	0.00037	21.21	-91.92	0.00037
28.28	-98.99	0.00036	35.36	-106.07	0.00035
-98.99	42.43	0.00031	-91.92	35.36	0.00033
-84.85	28.28	0.00035	-77.78	21.21	0.00036
-70.71	14.14	0.00038	-63.64	7.07	0.00039
-56.57	0.00	0.00041	-49.50	-7.07	0.00043
-45.96	-10.61	0.00044	-42.43	-14.14	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTs:

PAGE 31

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00045	-38.89	-17.68	0.00045
-37.48	-19.09	0.00045	-36.06	-20.51	0.00045
-34.65	-21.92	0.00045	-21.92	-34.65	0.00046
-20.51	-36.06	0.00046	-19.09	-37.48	0.00046
-17.68	-38.89	0.00046	-16.26	-40.31	0.00046
-14.14	-42.43	0.00045	-10.61	-45.96	0.00045
-7.07	-49.50	0.00045	0.00	-56.57	0.00044
7.07	-63.64	0.00042	14.14	-70.71	0.00041
21.21	-77.78	0.00040	28.28	-84.85	0.00039
35.36	-91.92	0.00039	42.43	-98.99	0.00038
-91.92	49.50	0.00033	-84.85	42.43	0.00035
-77.78	35.36	0.00037	-70.71	28.28	0.00039
-63.64	21.21	0.00041	-56.57	14.14	0.00042

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-49.50	7.07	0.00045	-42.43	0.00	0.00047
-38.89	-3.54	0.00047	-35.36	-7.07	0.00048
-33.23	-9.19	0.00049	-31.82	-10.61	0.00049
-30.41	-12.02	0.00049	-28.99	-13.44	0.00049
-27.58	-14.85	0.00049	-14.85	-27.58	0.00050
-13.44	-28.99	0.00050	-12.02	-30.41	0.00050
-10.61	-31.82	0.00050	-9.19	-33.23	0.00050
-7.07	-35.36	0.00049	-3.54	-38.89	0.00049
0.00	-42.43	0.00048	7.07	-49.50	0.00047
14.14	-56.57	0.00046	21.21	-63.64	0.00045
28.28	-70.71	0.00044	35.36	-77.78	0.00043
42.43	-84.85	0.00042	49.50	-91.92	0.00041
-84.85	56.57	0.00034	-77.78	49.50	0.00037
-70.71	42.43	0.00039	-63.64	35.36	0.00042
-56.57	28.28	0.00044	-49.50	21.21	0.00046
-42.43	14.14	0.00048	-35.36	7.07	0.00051
-31.82	3.54	0.00052	-28.28	0.00	0.00053
-26.16	-2.12	0.00053	-24.75	-3.54	0.00053
-23.33	-4.95	0.00054	-21.92	-6.36	0.00054
-20.51	-7.78	0.00054	-7.78	-20.51	0.00055
-6.36	-21.92	0.00055	-4.95	-23.33	0.00055
-3.54	-24.75	0.00054	-2.12	-26.16	0.00054
0.00	-28.28	0.00054	3.54	-31.82	0.00053
7.07	-35.36	0.00053	14.14	-42.43	0.00051
21.21	-49.50	0.00050	28.28	-56.57	0.00048
35.36	-63.64	0.00047	42.43	-70.71	0.00046
49.50	-77.78	0.00045	56.57	-84.85	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 32

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00036	-70.71	56.57	0.00039
-63.64	49.50	0.00042	-56.57	42.43	0.00045
-49.50	35.36	0.00047	-42.43	28.28	0.00050
-35.36	21.21	0.00052	-28.28	14.14	0.00055
-24.75	10.61	0.00056	-21.21	7.07	0.00058
-19.09	4.95	0.00058	-17.68	3.54	0.00058
-16.26	2.12	0.00059	-14.85	0.71	0.00059

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-13.44	-0.71	0.00059	-0.71	-13.44	0.00060
0.71	-14.85	0.00060	2.12	-16.26	0.00060
3.54	-17.68	0.00060	4.95	-19.09	0.00060
7.07	-21.21	0.00059	10.61	-24.75	0.00059
14.14	-28.28	0.00058	21.21	-35.36	0.00056
28.28	-42.43	0.00054	35.36	-49.50	0.00053
42.43	-56.57	0.00052	49.50	-63.64	0.00050
56.57	-70.71	0.00049	63.64	-77.78	0.00047
-70.71	70.71	0.00037	-63.64	63.64	0.00041
-56.57	56.57	0.00045	-49.50	49.50	0.00048
-42.43	42.43	0.00051	-35.36	35.36	0.00054
-28.28	28.28	0.00057	-21.21	21.21	0.00060
-17.68	17.68	0.00062	-14.14	14.14	0.00063
-12.02	12.02	0.00064	-10.61	10.61	0.00064
-9.19	9.19	0.00065	-7.78	7.78	0.00065
-6.36	6.36	0.00065	6.36	-6.36	0.00066
7.78	-7.78	0.00066	9.19	-9.19	0.00066
10.61	-10.61	0.00066	12.02	-12.02	0.00066
14.14	-14.14	0.00065	17.68	-17.68	0.00064
21.21	-21.21	0.00063	28.28	-28.28	0.00061
35.36	-35.36	0.00059	42.43	-42.43	0.00058
49.50	-49.50	0.00057	56.57	-56.57	0.00055
63.64	-63.64	0.00053	70.71	-70.71	0.00050
-63.64	77.78	0.00039	-56.57	70.71	0.00043
-49.50	63.64	0.00048	-42.43	56.57	0.00052
-35.36	49.50	0.00056	-28.28	42.43	0.00059
-21.21	35.36	0.00063	-14.14	28.28	0.00066
-10.61	24.75	0.00068	-7.07	21.21	0.00070
-4.95	19.09	0.00071	-3.54	17.68	0.00071
-2.12	16.26	0.00072	-0.71	14.85	0.00072
0.71	13.44	0.00072	13.44	0.71	0.00074
14.85	-0.71	0.00073	16.26	-2.12	0.00073
17.68	-3.54	0.00073	19.09	-4.95	0.00073

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 33
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00072	24.75	-10.61	0.00071

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

28.28	-14.14	0.00070	35.36	-21.21	0.00068
42.43	-28.28	0.00065	49.50	-35.36	0.00064
56.57	-42.43	0.00062	63.64	-49.50	0.00060
70.71	-56.57	0.00057	77.78	-63.64	0.00053
-56.57	84.85	0.00041	-49.50	77.78	0.00046
-42.43	70.71	0.00051	-35.36	63.64	0.00056
-28.28	56.57	0.00061	-21.21	49.50	0.00065
-14.14	42.43	0.00069	-7.07	35.36	0.00073
-3.54	31.82	0.00075	0.00	28.28	0.00077
2.12	26.16	0.00079	3.54	24.75	0.00079
4.95	23.33	0.00080	6.36	21.92	0.00080
7.78	20.51	0.00081	20.51	7.78	0.00082
21.92	6.36	0.00082	23.33	4.95	0.00082
24.75	3.54	0.00081	26.16	2.12	0.00081
28.28	0.00	0.00080	31.82	-3.54	0.00079
35.36	-7.07	0.00078	42.43	-14.14	0.00075
49.50	-21.21	0.00073	56.57	-28.28	0.00071
63.64	-35.36	0.00068	70.71	-42.43	0.00065
77.78	-49.50	0.00061	84.85	-56.57	0.00056
-49.50	91.92	0.00042	-42.43	84.85	0.00048
-35.36	77.78	0.00054	-28.28	70.71	0.00060
-21.21	63.64	0.00066	-14.14	56.57	0.00071
-7.07	49.50	0.00076	0.00	42.43	0.00081
3.54	38.89	0.00084	7.07	35.36	0.00086
9.19	33.23	0.00088	10.61	31.82	0.00089
12.02	30.41	0.00089	13.44	28.99	0.00090
14.85	27.58	0.00091	27.58	14.85	0.00092
28.99	13.44	0.00092	30.41	12.02	0.00092
31.82	10.61	0.00091	33.23	9.19	0.00091
35.36	7.07	0.00090	38.89	3.54	0.00088
42.43	0.00	0.00087	49.50	-7.07	0.00083
56.57	-14.14	0.00081	63.64	-21.21	0.00078
70.71	-28.28	0.00075	77.78	-35.36	0.00070
84.85	-42.43	0.00064	91.92	-49.50	0.00058
-42.43	98.99	0.00044	-35.36	91.92	0.00050
-28.28	84.85	0.00056	-21.21	77.78	0.00064
-14.14	70.71	0.00071	-7.07	63.64	0.00078
0.00	56.57	0.00084	7.07	49.50	0.00090
10.61	45.96	0.00094	14.14	42.43	0.00097

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

17:53:19

**MODELOPTs:

PAGE 34

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
16.26	40.31	0.00099	17.68	38.89	0.00100	
19.09	37.48	0.00101	20.51	36.06	0.00102	
21.92	34.65	0.00102	34.65	21.92	0.00104	
36.06	20.51	0.00104	37.48	19.09	0.00104	
38.89	17.68	0.00103	40.31	16.26	0.00102	
42.43	14.14	0.00101	45.96	10.61	0.00099	
49.50	7.07	0.00097	56.57	0.00	0.00094	
63.64	-7.07	0.00091	70.71	-14.14	0.00087	
77.78	-21.21	0.00082	84.85	-28.28	0.00075	
91.92	-35.36	0.00068	98.99	-42.43	0.00060	
-35.36	106.07	0.00046	-28.28	98.99	0.00052	
-21.21	91.92	0.00059	-14.14	84.85	0.00068	
-7.07	77.78	0.00077	0.00	70.71	0.00086	
7.07	63.64	0.00094	14.14	56.57	0.00101	
17.68	53.03	0.00105	21.21	49.50	0.00109	
23.33	47.38	0.00111	24.75	45.96	0.00113	
26.16	44.55	0.00114	27.58	43.13	0.00115	
28.99	41.72	0.00116	41.72	28.99	0.00119	
43.13	27.58	0.00118	44.55	26.16	0.00118	
45.96	24.75	0.00117	47.38	23.33	0.00116	
49.50	21.21	0.00115	53.03	17.68	0.00112	
56.57	14.14	0.00110	63.64	7.07	0.00106	
70.71	0.00	0.00102	77.78	-7.07	0.00097	
84.85	-14.14	0.00089	91.92	-21.21	0.00080	
98.99	-28.28	0.00071	106.07	-35.36	0.00062	
-28.28	113.14	0.00047	-21.21	106.07	0.00054	
-14.14	98.99	0.00062	-7.07	91.92	0.00072	
0.00	84.85	0.00082	7.07	77.78	0.00094	
14.14	70.71	0.00105	21.21	63.64	0.00114	
24.75	60.10	0.00119	28.28	56.57	0.00124	
30.41	54.45	0.00127	31.82	53.03	0.00129	
33.23	51.62	0.00130	34.65	50.20	0.00132	
36.06	48.79	0.00133	48.79	36.06	0.00137	
50.20	34.65	0.00136	51.62	33.23	0.00135	
53.03	31.82	0.00134	54.45	30.41	0.00133	
56.57	28.28	0.00131	60.10	24.75	0.00128	
63.64	21.21	0.00126	70.71	14.14	0.00121	
77.78	7.07	0.00115	84.85	0.00	0.00106	
91.92	-7.07	0.00096	98.99	-14.14	0.00084	

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

106.07 -21.21 0.00073 113.14 -28.28 0.00064

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00049	-14.14	113.14	0.00056
-7.07	106.07	0.00065	0.00	98.99	0.00076
7.07	91.92	0.00088	14.14	84.85	0.00102
21.21	77.78	0.00116	28.28	70.71	0.00129
31.82	67.18	0.00135	35.36	63.64	0.00141
37.48	61.52	0.00145	38.89	60.10	0.00148
40.31	58.69	0.00150	41.72	57.28	0.00152
43.13	55.86	0.00154	55.86	43.13	0.00158
57.28	41.72	0.00157	58.69	40.31	0.00156
60.10	38.89	0.00155	61.52	37.48	0.00153
63.64	35.36	0.00151	67.18	31.82	0.00148
70.71	28.28	0.00145	77.78	21.21	0.00138
84.85	14.14	0.00129	91.92	7.07	0.00116
98.99	0.00	0.00102	106.07	-7.07	0.00088
113.14	-14.14	0.00075	120.21	-21.21	0.00065
-14.14	127.28	0.00050	-7.07	120.21	0.00058
0.00	113.14	0.00068	7.07	106.07	0.00080
14.14	98.99	0.00094	21.21	91.92	0.00110
28.28	84.85	0.00129	35.36	77.78	0.00147
38.89	74.25	0.00155	42.43	70.71	0.00162
44.55	68.59	0.00167	45.96	67.18	0.00170
47.38	65.76	0.00173	48.79	64.35	0.00176
50.20	62.93	0.00179	62.93	50.20	0.00185
64.35	48.79	0.00184	65.76	47.38	0.00182
67.18	45.96	0.00180	68.59	44.55	0.00179
70.71	42.43	0.00176	74.25	38.89	0.00172
77.78	35.36	0.00168	84.85	28.28	0.00158
91.92	21.21	0.00142	98.99	14.14	0.00124
106.07	7.07	0.00107	113.14	0.00	0.00091
120.21	-7.07	0.00077	127.28	-14.14	0.00065
-7.07	134.35	0.00051	0.00	127.28	0.00060
7.07	120.21	0.00070	14.14	113.14	0.00083
21.21	106.07	0.00099	28.28	98.99	0.00119

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

35.36	91.92	0.00141	42.43	84.85	0.00165
45.96	81.32	0.00177	49.50	77.78	0.00187
51.62	75.66	0.00194	53.03	74.25	0.00198
54.45	72.83	0.00202	55.86	71.42	0.00206
57.28	70.00	0.00209	70.00	57.28	0.00218
71.42	55.86	0.00216	72.83	54.45	0.00214
74.25	53.03	0.00212	75.66	51.62	0.00210

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00207	81.32	45.96	0.00202
84.85	42.43	0.00196	91.92	35.36	0.00178
98.99	28.28	0.00155	106.07	21.21	0.00132
113.14	14.14	0.00111	120.21	7.07	0.00093
127.28	0.00	0.00078	134.35	-7.07	0.00066
0.00	141.42	0.00051	7.07	134.35	0.00060
14.14	127.28	0.00071	21.21	120.21	0.00086
28.28	113.14	0.00104	35.36	106.07	0.00126
42.43	98.99	0.00153	49.50	91.92	0.00183
53.03	88.39	0.00200	56.57	84.85	0.00216
58.69	82.73	0.00225	60.10	81.32	0.00230
61.52	79.90	0.00235	62.93	78.49	0.00241
64.35	77.07	0.00246	77.07	64.35	0.00259
78.49	62.93	0.00256	79.90	61.52	0.00254
81.32	60.10	0.00251	82.73	58.69	0.00249
84.85	56.57	0.00246	88.39	53.03	0.00238
91.92	49.50	0.00226	98.99	42.43	0.00196
106.07	35.36	0.00165	113.14	28.28	0.00137
120.21	21.21	0.00114	127.28	14.14	0.00094
134.35	7.07	0.00079	141.42	0.00	0.00067
7.07	148.49	0.00050	14.14	141.42	0.00060
21.21	134.35	0.00072	28.28	127.28	0.00087
35.36	120.21	0.00106	42.43	113.14	0.00132
49.50	106.07	0.00163	56.57	98.99	0.00201
60.10	95.46	0.00222	63.64	91.92	0.00245
65.76	89.80	0.00258	67.18	88.39	0.00266
68.59	86.97	0.00275	70.00	85.56	0.00282

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

71.42	84.15	0.00290	84.15	71.42	0.00310
85.56	70.00	0.00308	86.97	68.59	0.00305
88.39	67.18	0.00302	89.80	65.76	0.00298
91.92	63.64	0.00290	95.46	60.10	0.00273
98.99	56.57	0.00252	106.07	49.50	0.00211
113.14	42.43	0.00174	120.21	35.36	0.00142
127.28	28.28	0.00116	134.35	21.21	0.00096
141.42	14.14	0.00080	148.49	7.07	0.00067
14.14	155.56	0.00049	21.21	148.49	0.00059
28.28	141.42	0.00071	35.36	134.35	0.00086
42.43	127.28	0.00106	49.50	120.21	0.00134
56.57	113.14	0.00169	63.64	106.07	0.00214
67.18	102.53	0.00241	70.71	98.99	0.00270

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00289	74.25	95.46	0.00302
75.66	94.05	0.00316	77.07	92.63	0.00328
78.49	91.22	0.00341	91.22	78.49	0.00379
92.63	77.07	0.00373	94.05	75.66	0.00366
95.46	74.25	0.00358	96.87	72.83	0.00347
98.99	70.71	0.00330	102.53	67.18	0.00302
106.07	63.64	0.00273	113.14	56.57	0.00223
120.21	49.50	0.00180	127.28	42.43	0.00145
134.35	35.36	0.00117	141.42	28.28	0.00096
148.49	21.21	0.00079	155.56	14.14	0.00067
21.21	162.63	0.00047	28.28	155.56	0.00057
35.36	148.49	0.00069	42.43	141.42	0.00084
49.50	134.35	0.00105	56.57	127.28	0.00132
63.64	120.21	0.00169	70.71	113.14	0.00219
74.25	109.60	0.00249	77.78	106.07	0.00285
79.90	103.94	0.00309	81.32	102.53	0.00327
82.73	101.12	0.00347	84.15	99.70	0.00370
85.56	98.29	0.00395	98.29	85.56	0.00458
99.70	84.15	0.00438	101.12	82.73	0.00419
102.53	81.32	0.00402	103.94	79.90	0.00385
106.07	77.78	0.00361	109.60	74.25	0.00323

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

113.14	70.71	0.00289	120.21	63.64	0.00231
127.28	56.57	0.00183	134.35	49.50	0.00145
141.42	42.43	0.00116	148.49	35.36	0.00094
155.56	28.28	0.00077	162.63	21.21	0.00065
28.28	169.71	0.00046	35.36	162.63	0.00055
42.43	155.56	0.00067	49.50	148.49	0.00082
56.57	141.42	0.00102	63.64	134.35	0.00129
70.71	127.28	0.00168	77.78	120.21	0.00220
81.32	116.67	0.00253	84.85	113.14	0.00293
86.97	111.02	0.00322	88.39	109.60	0.00345
89.80	108.19	0.00372	91.22	106.77	0.00407
92.63	105.36	0.00455	105.36	92.63	0.00497
106.77	91.22	0.00467	108.19	89.80	0.00441
109.60	88.39	0.00419	111.02	86.97	0.00398
113.14	84.85	0.00370	116.67	81.32	0.00328
120.21	77.78	0.00291	127.28	70.71	0.00227
134.35	63.64	0.00177	141.42	56.57	0.00139
148.49	49.50	0.00111	155.56	42.43	0.00090
162.63	35.36	0.00074	169.71	28.28	0.00062

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00044	42.43	169.71	0.00053
49.50	162.63	0.00065	56.57	155.56	0.00081
63.64	148.49	0.00102	70.71	141.42	0.00131
77.78	134.35	0.00175	84.85	127.28	0.00243
88.39	123.74	0.00293	91.92	120.21	0.00362
94.05	118.09	0.00416	95.46	116.67	0.00459
96.87	115.26	0.00507	98.29	113.84	0.00564
99.70	112.43	0.00630	112.43	99.70	0.00521
113.84	98.29	0.00482	115.26	96.87	0.00450
116.67	95.46	0.00424	118.09	94.05	0.00401
120.21	91.92	0.00370	123.74	88.39	0.00325
127.28	84.85	0.00285	134.35	77.78	0.00218
141.42	70.71	0.00167	148.49	63.64	0.00130
155.56	56.57	0.00104	162.63	49.50	0.00084
169.71	42.43	0.00070	176.78	35.36	0.00059

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

42.43	183.85	0.00044	49.50	176.78	0.00054
56.57	169.71	0.00066	63.64	162.63	0.00084
70.71	155.56	0.00108	77.78	148.49	0.00144
84.85	141.42	0.00201	91.92	134.35	0.00297
95.46	130.81	0.00368	98.99	127.28	0.00455
101.12	125.16	0.00517	102.53	123.74	0.00562
103.94	122.33	0.00611	105.36	120.92	0.00665
106.77	119.50	0.00727	119.50	106.77	0.00542
120.92	105.36	0.00496	122.33	103.94	0.00459
123.74	102.53	0.00428	125.16	101.12	0.00401
127.28	98.99	0.00366	130.81	95.46	0.00316
134.35	91.92	0.00274	141.42	84.85	0.00206
148.49	77.78	0.00156	155.56	70.71	0.00121
162.63	63.64	0.00097	169.71	56.57	0.00079
176.78	49.50	0.00066	183.85	42.43	0.00055
49.50	190.92	0.00046	56.57	183.85	0.00056
63.64	176.78	0.00071	70.71	169.71	0.00092
77.78	162.63	0.00122	84.85	155.56	0.00167
91.92	148.49	0.00238	98.99	141.42	0.00349
102.53	137.89	0.00424	106.07	134.35	0.00513
108.19	132.23	0.00574	109.60	130.81	0.00617
111.02	129.40	0.00664	112.43	127.99	0.00714
113.84	126.57	0.00772	126.57	113.84	0.00549
127.99	112.43	0.00499	129.40	111.02	0.00459
130.81	109.60	0.00425	132.23	108.19	0.00395

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00357	137.89	102.53	0.00302
141.42	98.99	0.00257	148.49	91.92	0.00189
155.56	84.85	0.00143	162.63	77.78	0.00112
169.71	70.71	0.00090	176.78	63.64	0.00074
183.85	56.57	0.00061	190.92	49.50	0.00052
56.57	197.99	0.00050	63.64	190.92	0.00062
70.71	183.85	0.00079	77.78	176.78	0.00104
84.85	169.71	0.00140	91.92	162.63	0.00193
98.99	155.56	0.00271	106.07	148.49	0.00383

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

109.60	144.96	0.00455	113.14	141.42	0.00541
115.26	139.30	0.00598	116.67	137.89	0.00639
118.09	136.47	0.00683	119.50	135.06	0.00731
120.92	133.64	0.00785	133.64	120.92	0.00540
135.06	119.50	0.00488	136.47	118.09	0.00447
137.89	116.67	0.00411	139.30	115.26	0.00379
141.42	113.14	0.00338	144.96	109.60	0.00280
148.49	106.07	0.00234	155.56	98.99	0.00170
162.63	91.92	0.00130	169.71	84.85	0.00103
176.78	77.78	0.00083	183.85	70.71	0.00068
190.92	63.64	0.00057	197.99	56.57	0.00048
63.64	205.06	0.00056	70.71	197.99	0.00071
77.78	190.92	0.00090	84.85	183.85	0.00118
91.92	176.78	0.00158	98.99	169.71	0.00215
106.07	162.63	0.00294	113.14	155.56	0.00401
116.67	152.03	0.00468	120.21	148.49	0.00547
122.33	146.37	0.00600	123.74	144.96	0.00639
125.16	143.54	0.00680	126.57	142.13	0.00725
127.99	140.71	0.00776	140.71	127.99	0.00515
142.13	126.57	0.00462	143.54	125.16	0.00420
144.96	123.74	0.00383	146.37	122.33	0.00350
148.49	120.21	0.00307	152.03	116.67	0.00250
155.56	113.14	0.00208	162.63	106.07	0.00151
169.71	98.99	0.00117	176.78	91.92	0.00093
183.85	84.85	0.00075	190.92	77.78	0.00062
197.99	70.71	0.00052	205.06	63.64	0.00044
70.71	212.13	0.00065	77.78	205.06	0.00081
84.85	197.99	0.00103	91.92	190.92	0.00134
98.99	183.85	0.00176	106.07	176.78	0.00232
113.14	169.71	0.00308	120.21	162.63	0.00408
123.74	159.10	0.00469	127.28	155.56	0.00540

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00587	130.81	152.03	0.00622
132.23	150.61	0.00659	133.64	149.20	0.00701
135.06	147.79	0.00749	147.79	135.06	0.00471

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

149.20	133.64	0.00418	150.61	132.23	0.00375
152.03	130.81	0.00338	153.44	129.40	0.00307
155.56	127.28	0.00267	159.10	123.74	0.00217
162.63	120.21	0.00181	169.71	113.14	0.00134
176.78	106.07	0.00104	183.85	98.99	0.00083
190.92	91.92	0.00067	197.99	84.85	0.00055
205.06	77.78	0.00046	212.13	70.71	0.00039
77.78	219.20	0.00074	84.85	212.13	0.00092
91.92	205.06	0.00117	98.99	197.99	0.00149
106.07	190.92	0.00192	113.14	183.85	0.00247
120.21	176.78	0.00318	127.28	169.71	0.00410
130.81	166.17	0.00465	134.35	162.63	0.00527
136.47	160.51	0.00567	137.89	159.10	0.00596
139.30	157.68	0.00628	140.71	156.27	0.00664
142.13	154.86	0.00707	154.86	142.13	0.00406
156.27	140.71	0.00354	157.68	139.30	0.00315
159.10	137.89	0.00283	160.51	136.47	0.00257
162.63	134.35	0.00226	166.17	130.81	0.00186
169.71	127.28	0.00157	176.78	120.21	0.00117
183.85	113.14	0.00090	190.92	106.07	0.00072
197.99	98.99	0.00059	205.06	91.92	0.00049
212.13	84.85	0.00041	219.20	77.78	0.00035
84.85	226.27	0.00083	91.92	219.20	0.00103
98.99	212.13	0.00129	106.07	205.06	0.00162
113.14	197.99	0.00205	120.21	190.92	0.00259
127.28	183.85	0.00327	134.35	176.78	0.00412
137.89	173.24	0.00462	141.42	169.71	0.00515
143.54	167.58	0.00549	144.96	166.17	0.00573
146.37	164.76	0.00598	147.79	163.34	0.00625
149.20	161.93	0.00656	161.93	149.20	0.00323
163.34	147.79	0.00286	164.76	146.37	0.00257
166.17	144.96	0.00234	167.58	143.54	0.00215
169.71	141.42	0.00190	173.24	137.89	0.00159
176.78	134.35	0.00135	183.85	127.28	0.00102
190.92	120.21	0.00079	197.99	113.14	0.00064
205.06	106.07	0.00052	212.13	98.99	0.00044
219.20	91.92	0.00037	226.27	84.85	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD (M)	CONC	
91.92	233.35	0.00092		98.99	226.27	0.00113	
106.07	219.20	0.00140		113.14	212.13	0.00173	
120.21	205.06	0.00215		127.28	197.99	0.00267	
134.35	190.92	0.00332		141.42	183.85	0.00413	
144.96	180.31	0.00458		148.49	176.78	0.00505	
150.61	174.66	0.00534		152.03	173.24	0.00552	
153.44	171.83	0.00569		154.86	170.41	0.00584	
156.27	169.00	0.00592		169.00	156.27	0.00274	
170.41	154.86	0.00248		171.83	153.44	0.00226	
173.24	152.03	0.00208		174.66	150.61	0.00192	
176.78	148.49	0.00171		180.31	144.96	0.00144	
183.85	141.42	0.00123		190.92	134.35	0.00093	
197.99	127.28	0.00073		205.06	120.21	0.00059	
212.13	113.14	0.00049		219.20	106.07	0.00041	
226.27	98.99	0.00035		233.35	91.92	0.00030	
98.99	240.42	0.00100		106.07	233.35	0.00121	
113.14	226.27	0.00147		120.21	219.20	0.00179	
127.28	212.13	0.00219		134.35	205.06	0.00267	
141.42	197.99	0.00324		148.49	190.92	0.00385	
152.03	187.38	0.00411		155.56	183.85	0.00428	
157.68	181.73	0.00430		159.10	180.31	0.00428	
160.51	178.90	0.00423		161.93	177.48	0.00415	
163.34	176.07	0.00404		176.07	163.34	0.00234	
177.48	161.93	0.00217		178.90	160.51	0.00202	
180.31	159.10	0.00187		181.73	157.68	0.00174	
183.85	155.56	0.00157		187.38	152.03	0.00133	
190.92	148.49	0.00114		197.99	141.42	0.00087	
205.06	134.35	0.00069		212.13	127.28	0.00056	
219.20	120.21	0.00046		226.27	113.14	0.00039	
233.35	106.07	0.00033		240.42	98.99	0.00029	
106.07	247.49	0.00105		113.14	240.42	0.00126	
120.21	233.35	0.00150		127.28	226.27	0.00180	
134.35	219.20	0.00214		141.42	212.13	0.00253	
148.49	205.06	0.00292		155.56	197.99	0.00319	
159.10	194.45	0.00324		162.63	190.92	0.00321	
164.76	188.80	0.00315		166.17	187.38	0.00309	
167.58	185.97	0.00303		169.00	184.55	0.00295	
170.41	183.14	0.00287		183.14	170.41	0.00192	
184.55	169.00	0.00182		185.97	167.58	0.00172	
187.38	166.17	0.00162		188.80	164.76	0.00153	

04/20/08

*** Maximum train overlap at NE/SW Bound Direction

17:53:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00140	194.45	159.10	0.00121
197.99	155.56	0.00105	205.06	148.49	0.00081
212.13	141.42	0.00064	219.20	134.35	0.00052
226.27	127.28	0.00044	233.35	120.21	0.00037
240.42	113.14	0.00032	247.49	106.07	0.00027

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

17:53:19

**MODELOPTs:

PAGE 43

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00017	-240.42	-113.14	0.00017
-233.35	-120.21	0.00018	-226.27	-127.28	0.00018
-219.20	-134.35	0.00019	-212.13	-141.42	0.00019
-205.06	-148.49	0.00020	-197.99	-155.56	0.00020
-194.45	-159.10	0.00020	-190.92	-162.63	0.00020
-188.80	-164.76	0.00020	-187.38	-166.17	0.00020
-185.97	-167.58	0.00021	-184.55	-169.00	0.00021
-183.14	-170.41	0.00021	-170.41	-183.14	0.00021
-169.00	-184.55	0.00021	-167.58	-185.97	0.00021
-166.17	-187.38	0.00021	-164.76	-188.80	0.00021
-162.63	-190.92	0.00021	-159.10	-194.45	0.00021
-155.56	-197.99	0.00021	-148.49	-205.06	0.00020
-141.42	-212.13	0.00020	-134.35	-219.20	0.00020
-127.28	-226.27	0.00019	-120.21	-233.35	0.00019
-113.14	-240.42	0.00019	-106.07	-247.49	0.00018
-240.42	-98.99	0.00018	-233.35	-106.07	0.00018
-226.27	-113.14	0.00019	-219.20	-120.21	0.00019
-212.13	-127.28	0.00020	-205.06	-134.35	0.00020
-197.99	-141.42	0.00021	-190.92	-148.49	0.00021
-187.38	-152.03	0.00021	-183.85	-155.56	0.00021

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-181.73	-157.68	0.00022	-180.31	-159.10	0.00022
-178.90	-160.51	0.00022	-177.48	-161.93	0.00022
-176.07	-163.34	0.00022	-163.34	-176.07	0.00022
-161.93	-177.48	0.00022	-160.51	-178.90	0.00022
-159.10	-180.31	0.00022	-157.68	-181.73	0.00022
-155.56	-183.85	0.00022	-152.03	-187.38	0.00022
-148.49	-190.92	0.00022	-141.42	-197.99	0.00021
-134.35	-205.06	0.00021	-127.28	-212.13	0.00021
-120.21	-219.20	0.00020	-113.14	-226.27	0.00020
-106.07	-233.35	0.00020	-98.99	-240.42	0.00019
-233.35	-91.92	0.00018	-226.27	-99.00	0.00019
-219.20	-106.07	0.00019	-212.13	-113.14	0.00020
-205.06	-120.21	0.00021	-197.99	-127.28	0.00021
-190.92	-134.35	0.00022	-183.85	-141.42	0.00022
-180.31	-144.96	0.00023	-176.78	-148.49	0.00023
-174.66	-150.61	0.00023	-173.24	-152.03	0.00023
-171.83	-153.44	0.00023	-170.41	-154.86	0.00023
-169.00	-156.27	0.00023	-156.27	-169.00	0.00023
-154.86	-170.41	0.00023	-153.44	-171.83	0.00023
-152.03	-173.24	0.00023	-150.61	-174.66	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTS:
 PAGE 44
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00023	-144.96	-180.31	0.00023
-141.42	-183.85	0.00023	-134.35	-190.92	0.00023
-127.28	-197.99	0.00022	-120.21	-205.06	0.00022
-113.14	-212.13	0.00021	-106.07	-219.20	0.00021
-98.99	-226.27	0.00021	-91.92	-233.35	0.00020
-226.27	-84.85	0.00019	-219.20	-91.92	0.00020
-212.13	-99.00	0.00020	-205.06	-106.07	0.00021
-197.99	-113.14	0.00022	-190.92	-120.21	0.00022
-183.85	-127.28	0.00023	-176.78	-134.35	0.00024
-173.24	-137.89	0.00024	-169.71	-141.42	0.00024
-167.58	-143.54	0.00024	-166.17	-144.96	0.00024
-164.76	-146.37	0.00024	-163.34	-147.79	0.00024
-161.93	-149.20	0.00024	-149.20	-161.93	0.00024
-147.79	-163.34	0.00024	-146.37	-164.76	0.00024

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-144.96	-166.17	0.00024	-143.54	-167.58	0.00024
-141.42	-169.71	0.00024	-137.89	-173.24	0.00024
-134.35	-176.78	0.00024	-127.28	-183.85	0.00024
-120.21	-190.92	0.00024	-113.14	-197.99	0.00023
-106.07	-205.06	0.00023	-98.99	-212.13	0.00022
-91.92	-219.20	0.00022	-84.85	-226.27	0.00021
-219.20	-77.78	0.00020	-212.13	-84.85	0.00021
-205.06	-91.92	0.00022	-197.99	-99.00	0.00022
-190.92	-106.07	0.00023	-183.85	-113.14	0.00024
-176.78	-120.21	0.00024	-169.71	-127.28	0.00025
-166.17	-130.81	0.00025	-162.63	-134.35	0.00025
-160.51	-136.47	0.00026	-159.10	-137.89	0.00026
-157.68	-139.30	0.00026	-156.27	-140.71	0.00026
-154.86	-142.13	0.00026	-142.13	-154.86	0.00026
-140.71	-156.27	0.00026	-139.30	-157.68	0.00026
-137.89	-159.10	0.00026	-136.47	-160.51	0.00026
-134.35	-162.63	0.00026	-130.81	-166.17	0.00026
-127.28	-169.71	0.00026	-120.21	-176.78	0.00025
-113.14	-183.85	0.00025	-106.07	-190.92	0.00024
-98.99	-197.99	0.00024	-91.92	-205.06	0.00023
-84.85	-212.13	0.00023	-77.78	-219.20	0.00023
-212.13	-70.71	0.00021	-205.06	-77.78	0.00022
-197.99	-84.85	0.00023	-190.92	-91.92	0.00023
-183.85	-98.99	0.00024	-176.78	-106.07	0.00025
-169.71	-113.14	0.00026	-162.63	-120.21	0.00027
-159.10	-123.74	0.00027	-155.56	-127.28	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00027	-152.03	-130.81	0.00027
-150.61	-132.23	0.00027	-149.20	-133.64	0.00027
-147.79	-135.06	0.00027	-135.06	-147.79	0.00028
-133.64	-149.20	0.00028	-132.23	-150.61	0.00028
-130.81	-152.03	0.00028	-129.40	-153.44	0.00028
-127.28	-155.56	0.00028	-123.74	-159.10	0.00027
-120.21	-162.63	0.00027	-113.14	-169.71	0.00027
-106.07	-176.78	0.00026	-98.99	-183.85	0.00026

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-91.92	-190.92	0.00025	-84.85	-197.99	0.00025
-77.78	-205.06	0.00024	-70.71	-212.13	0.00024
-205.06	-63.64	0.00022	-197.99	-70.71	0.00023
-190.92	-77.78	0.00024	-183.85	-84.85	0.00025
-176.78	-91.92	0.00026	-169.71	-98.99	0.00027
-162.63	-106.07	0.00028	-155.56	-113.14	0.00028
-152.03	-116.67	0.00029	-148.49	-120.21	0.00029
-146.37	-122.33	0.00029	-144.96	-123.74	0.00029
-143.54	-125.16	0.00029	-142.13	-126.57	0.00029
-140.71	-127.99	0.00029	-127.99	-140.71	0.00029
-126.57	-142.13	0.00029	-125.16	-143.54	0.00029
-123.74	-144.96	0.00029	-122.33	-146.37	0.00029
-120.21	-148.49	0.00029	-116.67	-152.03	0.00029
-113.14	-155.56	0.00029	-106.07	-162.63	0.00029
-98.99	-169.71	0.00028	-91.92	-176.78	0.00027
-84.85	-183.85	0.00027	-77.78	-190.92	0.00026
-70.71	-197.99	0.00026	-63.64	-205.06	0.00025
-197.99	-56.57	0.00024	-190.92	-63.64	0.00025
-183.85	-70.71	0.00025	-176.78	-77.78	0.00026
-169.71	-84.85	0.00027	-162.63	-91.92	0.00028
-155.56	-98.99	0.00029	-148.49	-106.07	0.00030
-144.96	-109.60	0.00030	-141.42	-113.14	0.00031
-139.30	-115.26	0.00031	-137.89	-116.67	0.00031
-136.47	-118.09	0.00031	-135.06	-119.50	0.00031
-133.64	-120.92	0.00031	-120.92	-133.64	0.00032
-119.50	-135.06	0.00032	-118.09	-136.47	0.00031
-116.67	-137.89	0.00031	-115.26	-139.30	0.00031
-113.14	-141.42	0.00031	-109.60	-144.96	0.00031
-106.07	-148.49	0.00031	-98.99	-155.56	0.00031
-91.92	-162.63	0.00030	-84.85	-169.71	0.00029
-77.78	-176.78	0.00028	-70.71	-183.85	0.00028
-63.64	-190.92	0.00027	-56.57	-197.99	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 46
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00025	-183.85	-56.57	0.00026
-176.78	-63.64	0.00027	-169.71	-70.71	0.00028

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-162.63	-77.78	0.00029	-155.56	-84.85	0.00030
-148.49	-91.92	0.00031	-141.42	-98.99	0.00032
-137.89	-102.53	0.00033	-134.35	-106.07	0.00033
-132.23	-108.19	0.00033	-130.81	-109.60	0.00033
-129.40	-111.02	0.00033	-127.99	-112.43	0.00033
-126.57	-113.84	0.00033	-113.84	-126.57	0.00034
-112.43	-127.99	0.00034	-111.02	-129.40	0.00034
-109.60	-130.81	0.00034	-108.19	-132.23	0.00034
-106.07	-134.35	0.00034	-102.53	-137.89	0.00033
-98.99	-141.42	0.00033	-91.92	-148.49	0.00033
-84.85	-155.56	0.00032	-77.78	-162.63	0.00031
-70.71	-169.71	0.00030	-63.64	-176.78	0.00030
-56.57	-183.85	0.00029	-49.50	-190.92	0.00029
-183.85	-42.43	0.00026	-176.78	-49.50	0.00028
-169.71	-56.57	0.00029	-162.63	-63.64	0.00030
-155.56	-70.71	0.00031	-148.49	-77.78	0.00032
-141.42	-84.85	0.00033	-134.35	-91.92	0.00034
-130.81	-95.46	0.00035	-127.28	-98.99	0.00035
-125.16	-101.12	0.00036	-123.74	-102.53	0.00036
-122.33	-103.94	0.00036	-120.92	-105.36	0.00036
-119.50	-106.77	0.00036	-106.77	-119.50	0.00036
-105.36	-120.92	0.00036	-103.94	-122.33	0.00036
-102.53	-123.74	0.00036	-101.12	-125.16	0.00036
-98.99	-127.28	0.00036	-95.46	-130.81	0.00036
-91.92	-134.35	0.00036	-84.85	-141.42	0.00035
-77.78	-148.49	0.00034	-70.71	-155.56	0.00033
-63.64	-162.63	0.00032	-56.57	-169.71	0.00032
-49.50	-176.78	0.00031	-42.43	-183.85	0.00031
-176.78	-35.36	0.00028	-169.71	-42.43	0.00029
-162.63	-49.50	0.00030	-155.56	-56.57	0.00032
-148.49	-63.64	0.00033	-141.42	-70.71	0.00034
-134.35	-77.78	0.00036	-127.28	-84.85	0.00037
-123.74	-88.39	0.00038	-120.21	-91.92	0.00038
-118.09	-94.05	0.00038	-116.67	-95.46	0.00038
-115.26	-96.87	0.00039	-113.84	-98.29	0.00039
-112.43	-99.70	0.00039	-99.70	-112.43	0.00039
-98.29	-113.84	0.00039	-96.87	-115.26	0.00039
-95.46	-116.67	0.00039	-94.05	-118.09	0.00039

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTS:
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00039	-88.39	-123.74	0.00039
-84.85	-127.28	0.00038	-77.78	-134.35	0.00037
-70.71	-141.42	0.00037	-63.64	-148.49	0.00036
-56.57	-155.56	0.00035	-49.50	-162.63	0.00034
-42.43	-169.71	0.00033	-35.36	-176.78	0.00033
-169.71	-28.28	0.00029	-162.63	-35.36	0.00031
-155.56	-42.43	0.00032	-148.49	-49.50	0.00034
-141.42	-56.57	0.00035	-134.35	-63.64	0.00037
-127.28	-70.71	0.00038	-120.21	-77.78	0.00040
-116.67	-81.32	0.00040	-113.14	-84.85	0.00041
-111.02	-86.97	0.00041	-109.60	-88.39	0.00041
-108.19	-89.80	0.00042	-106.77	-91.22	0.00042
-105.36	-92.63	0.00042	-92.63	-105.36	0.00042
-91.22	-106.77	0.00042	-89.80	-108.19	0.00042
-88.39	-109.60	0.00042	-86.97	-111.02	0.00042
-84.85	-113.14	0.00042	-81.32	-116.67	0.00042
-77.78	-120.21	0.00041	-70.71	-127.28	0.00040
-63.64	-134.35	0.00039	-56.57	-141.42	0.00038
-49.50	-148.49	0.00037	-42.43	-155.56	0.00037
-35.36	-162.63	0.00036	-28.28	-169.71	0.00035
-162.63	-21.21	0.00031	-155.56	-28.28	0.00033
-148.49	-35.36	0.00035	-141.42	-42.43	0.00036
-134.35	-49.50	0.00038	-127.28	-56.57	0.00039
-120.21	-63.64	0.00041	-113.14	-70.71	0.00043
-109.60	-74.25	0.00044	-106.07	-77.78	0.00044
-103.94	-79.90	0.00045	-102.53	-81.32	0.00045
-101.12	-82.73	0.00045	-99.70	-84.15	0.00045
-98.29	-85.56	0.00045	-85.56	-98.29	0.00046
-84.15	-99.70	0.00046	-82.73	-101.12	0.00046
-81.32	-102.53	0.00046	-79.90	-103.94	0.00046
-77.78	-106.07	0.00045	-74.25	-109.60	0.00045
-70.71	-113.14	0.00045	-63.64	-120.21	0.00044
-56.57	-127.28	0.00042	-49.50	-134.35	0.00041
-42.43	-141.42	0.00040	-35.36	-148.49	0.00039
-28.28	-155.56	0.00039	-21.21	-162.63	0.00038
-155.56	-14.14	0.00033	-148.49	-21.21	0.00035
-141.42	-28.28	0.00037	-134.35	-35.36	0.00039
-127.28	-42.43	0.00041	-120.21	-49.50	0.00042
-113.14	-56.57	0.00045	-106.07	-63.64	0.00047
-102.53	-67.18	0.00047	-98.99	-70.71	0.00048

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

17:53:19

**MODELOPTS:

PAGE 48

*** Maximum train overlap at NE/SW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00049	-95.46	-74.25	0.00049
-94.05	-75.66	0.00049	-92.63	-77.07	0.00049
-91.22	-78.49	0.00049	-78.49	-91.22	0.00050
-77.07	-92.63	0.00050	-75.66	-94.05	0.00050
-74.25	-95.46	0.00050	-72.83	-96.87	0.00050
-70.71	-98.99	0.00049	-67.18	-102.53	0.00049
-63.64	-106.07	0.00048	-56.57	-113.14	0.00047
-49.50	-120.21	0.00046	-42.43	-127.28	0.00045
-35.36	-134.35	0.00044	-28.28	-141.42	0.00043
-21.21	-148.49	0.00042	-14.14	-155.56	0.00041
-148.49	-7.07	0.00034	-141.42	-14.14	0.00037
-134.35	-21.21	0.00039	-127.28	-28.28	0.00042
-120.21	-35.36	0.00044	-113.14	-42.43	0.00046
-106.07	-49.50	0.00048	-98.99	-56.57	0.00051
-95.46	-60.10	0.00052	-91.92	-63.64	0.00053
-89.80	-65.76	0.00053	-88.39	-67.18	0.00053
-86.97	-68.59	0.00054	-85.56	-70.00	0.00054
-84.15	-71.42	0.00054	-71.42	-84.15	0.00055
-70.00	-85.56	0.00055	-68.59	-86.97	0.00055
-67.18	-88.39	0.00054	-65.76	-89.80	0.00054
-63.64	-91.92	0.00054	-60.10	-95.46	0.00053
-56.57	-98.99	0.00053	-49.50	-106.07	0.00051
-42.43	-113.14	0.00050	-35.36	-120.21	0.00048
-28.28	-127.28	0.00047	-21.21	-134.35	0.00046
-14.14	-141.42	0.00045	-7.07	-148.49	0.00044
-141.42	0.00	0.00036	-134.35	-7.07	0.00039
-127.28	-14.14	0.00042	-120.21	-21.21	0.00045
-113.14	-28.28	0.00047	-106.07	-35.36	0.00050
-98.99	-42.43	0.00052	-91.92	-49.50	0.00055
-88.39	-53.03	0.00056	-84.85	-56.57	0.00058
-82.73	-58.69	0.00058	-81.32	-60.10	0.00058
-79.90	-61.52	0.00059	-78.49	-62.93	0.00059
-77.07	-64.35	0.00059	-64.35	-77.07	0.00060
-62.93	-78.49	0.00060	-61.52	-79.90	0.00060

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-60.10	-81.32	0.00060	-58.69	-82.73	0.00060
-56.57	-84.85	0.00059	-53.03	-88.39	0.00059
-49.50	-91.92	0.00058	-42.43	-98.99	0.00056
-35.36	-106.07	0.00054	-28.28	-113.14	0.00053
-21.21	-120.21	0.00052	-14.14	-127.28	0.00050
-7.07	-134.35	0.00049	0.00	-141.42	0.00047

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00037	-127.28	0.00	0.00041
-120.21	-7.07	0.00045	-113.14	-14.14	0.00048
-106.07	-21.21	0.00051	-98.99	-28.28	0.00054
-91.92	-35.36	0.00057	-84.85	-42.43	0.00060
-81.32	-45.96	0.00062	-77.78	-49.50	0.00063
-75.66	-51.62	0.00064	-74.25	-53.03	0.00064
-72.83	-54.45	0.00065	-71.42	-55.86	0.00065
-70.00	-57.28	0.00065	-57.28	-70.00	0.00066
-55.86	-71.42	0.00066	-54.45	-72.83	0.00066
-53.03	-74.25	0.00066	-51.62	-75.66	0.00066
-49.50	-77.78	0.00065	-45.96	-81.32	0.00064
-42.43	-84.85	0.00063	-35.36	-91.92	0.00061
-28.28	-98.99	0.00059	-21.21	-106.07	0.00058
-14.14	-113.14	0.00057	-7.07	-120.21	0.00055
0.00	-127.28	0.00053	7.07	-134.35	0.00050
-127.28	14.14	0.00039	-120.21	7.07	0.00043
-113.14	0.00	0.00048	-106.07	-7.07	0.00052
-98.99	-14.14	0.00056	-91.92	-21.21	0.00059
-84.85	-28.28	0.00063	-77.78	-35.36	0.00066
-74.25	-38.89	0.00068	-70.71	-42.43	0.00070
-68.59	-44.55	0.00071	-67.18	-45.96	0.00071
-65.76	-47.38	0.00072	-64.35	-48.79	0.00072
-62.93	-50.20	0.00072	-50.20	-62.93	0.00074
-48.79	-64.35	0.00073	-47.38	-65.76	0.00073
-45.96	-67.18	0.00073	-44.55	-68.59	0.00073
-42.43	-70.71	0.00072	-38.89	-74.25	0.00071
-35.36	-77.78	0.00070	-28.28	-84.85	0.00068
-21.21	-91.92	0.00065	-14.14	-98.99	0.00064

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-7.07	-106.07	0.00062	0.00	-113.14	0.00060
7.07	-120.21	0.00057	14.14	-127.28	0.00053
-120.21	21.21	0.00041	-113.14	14.14	0.00046
-106.07	7.07	0.00051	-98.99	0.00	0.00056
-91.92	-7.07	0.00061	-84.85	-14.14	0.00065
-77.78	-21.21	0.00069	-70.71	-28.28	0.00073
-67.18	-31.82	0.00075	-63.64	-35.36	0.00077
-61.52	-37.48	0.00079	-60.10	-38.89	0.00079
-58.69	-40.31	0.00080	-57.28	-41.72	0.00080
-55.86	-43.13	0.00081	-43.13	-55.86	0.00082
-41.72	-57.28	0.00082	-40.31	-58.69	0.00082
-38.89	-60.10	0.00081	-37.48	-61.52	0.00081

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00080	-31.82	-67.18	0.00079
-28.28	-70.71	0.00078	-21.21	-77.78	0.00075
-14.14	-84.85	0.00073	-7.07	-91.92	0.00071
0.00	-98.99	0.00068	7.07	-106.07	0.00065
14.14	-113.14	0.00061	21.21	-120.21	0.00056
-113.14	28.28	0.00042	-106.07	21.21	0.00048
-98.99	14.14	0.00054	-91.92	7.07	0.00060
-84.85	0.00	0.00066	-77.78	-7.07	0.00071
-70.71	-14.14	0.00076	-63.64	-21.21	0.00081
-60.10	-24.75	0.00084	-56.57	-28.28	0.00086
-54.45	-30.41	0.00088	-53.03	-31.82	0.00089
-51.62	-33.23	0.00089	-50.20	-34.65	0.00090
-48.79	-36.06	0.00091	-36.06	-48.79	0.00092
-34.65	-50.20	0.00092	-33.23	-51.62	0.00092
-31.82	-53.03	0.00091	-30.41	-54.45	0.00091
-28.28	-56.57	0.00090	-24.75	-60.10	0.00088
-21.21	-63.64	0.00087	-14.14	-70.71	0.00083
-7.07	-77.78	0.00081	0.00	-84.85	0.00078
7.07	-91.92	0.00075	14.14	-98.99	0.00070
21.21	-106.07	0.00064	28.28	-113.14	0.00058
-106.07	35.36	0.00044	-98.99	28.28	0.00050
-91.92	21.21	0.00056	-84.85	14.14	0.00064

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-77.78	7.07	0.00071	-70.71	0.00	0.00078
-63.64	-7.07	0.00084	-56.57	-14.14	0.00090
-53.03	-17.68	0.00094	-49.50	-21.21	0.00097
-47.38	-23.33	0.00099	-45.96	-24.75	0.00100
-44.55	-26.16	0.00101	-43.13	-27.58	0.00102
-41.72	-28.99	0.00102	-28.99	-41.72	0.00104
-27.58	-43.13	0.00104	-26.16	-44.55	0.00104
-24.75	-45.96	0.00103	-23.33	-47.38	0.00102
-21.21	-49.50	0.00101	-17.68	-53.03	0.00099
-14.14	-56.57	0.00097	-7.07	-63.64	0.00094
0.00	-70.71	0.00091	7.07	-77.78	0.00087
14.14	-84.85	0.00082	21.21	-91.92	0.00075
28.28	-98.99	0.00068	35.36	-106.07	0.00060
-98.99	42.43	0.00046	-91.92	35.36	0.00052
-84.85	28.28	0.00059	-77.78	21.21	0.00068
-70.71	14.14	0.00077	-63.64	7.07	0.00086
-56.57	0.00	0.00094	-49.50	-7.07	0.00101
-45.96	-10.61	0.00105	-42.43	-14.14	0.00109

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00111	-38.89	-17.68	0.00113
-37.48	-19.09	0.00114	-36.06	-20.51	0.00115
-34.65	-21.92	0.00116	-21.92	-34.65	0.00119
-20.51	-36.06	0.00118	-19.09	-37.48	0.00118
-17.68	-38.89	0.00117	-16.26	-40.31	0.00116
-14.14	-42.43	0.00115	-10.61	-45.96	0.00112
-7.07	-49.50	0.00110	0.00	-56.57	0.00106
7.07	-63.64	0.00102	14.14	-70.71	0.00097
21.21	-77.78	0.00089	28.28	-84.85	0.00080
35.36	-91.92	0.00071	42.43	-98.99	0.00062
-91.92	49.50	0.00047	-84.85	42.43	0.00054
-77.78	35.36	0.00062	-70.71	28.28	0.00072
-63.64	21.21	0.00082	-56.57	14.14	0.00094
-49.50	7.07	0.00105	-42.43	0.00	0.00114
-38.89	-3.54	0.00119	-35.36	-7.07	0.00124
-33.23	-9.19	0.00127	-31.82	-10.61	0.00129

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-30.41	-12.02	0.00130	-28.99	-13.44	0.00132
-27.58	-14.85	0.00133	-14.85	-27.58	0.00137
-13.44	-28.99	0.00136	-12.02	-30.41	0.00135
-10.61	-31.82	0.00134	-9.19	-33.23	0.00133
-7.07	-35.36	0.00131	-3.54	-38.89	0.00128
0.00	-42.43	0.00126	7.07	-49.50	0.00121
14.14	-56.57	0.00115	21.21	-63.64	0.00106
28.28	-70.71	0.00096	35.36	-77.78	0.00084
42.43	-84.85	0.00073	49.50	-91.92	0.00064
-84.85	56.57	0.00049	-77.78	49.50	0.00056
-70.71	42.43	0.00065	-63.64	35.36	0.00076
-56.57	28.28	0.00088	-49.50	21.21	0.00102
-42.43	14.14	0.00116	-35.36	7.07	0.00129
-31.82	3.54	0.00135	-28.28	0.00	0.00141
-26.16	-2.12	0.00145	-24.75	-3.54	0.00148
-23.33	-4.95	0.00150	-21.92	-6.36	0.00152
-20.51	-7.78	0.00154	-7.78	-20.51	0.00158
-6.36	-21.92	0.00157	-4.95	-23.33	0.00156
-3.54	-24.75	0.00155	-2.12	-26.16	0.00153
0.00	-28.28	0.00151	3.54	-31.82	0.00148
7.07	-35.36	0.00145	14.14	-42.43	0.00138
21.21	-49.50	0.00129	28.28	-56.57	0.00116
35.36	-63.64	0.00102	42.43	-70.71	0.00088
49.50	-77.78	0.00075	56.57	-84.85	0.00065

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00050	-70.71	56.57	0.00058
-63.64	49.50	0.00068	-56.57	42.43	0.00080
-49.50	35.36	0.00094	-42.43	28.28	0.00110
-35.36	21.21	0.00129	-28.28	14.14	0.00147
-24.75	10.61	0.00155	-21.21	7.07	0.00162
-19.09	4.95	0.00167	-17.68	3.54	0.00170
-16.26	2.12	0.00173	-14.85	0.71	0.00176
-13.44	-0.71	0.00179	-0.71	-13.44	0.00185
0.71	-14.85	0.00184	2.12	-16.26	0.00182
3.54	-17.68	0.00180	4.95	-19.09	0.00179

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

7.07	-21.21	0.00176	10.61	-24.75	0.00172
14.14	-28.28	0.00168	21.21	-35.36	0.00158
28.28	-42.43	0.00142	35.36	-49.50	0.00124
42.43	-56.57	0.00107	49.50	-63.64	0.00091
56.57	-70.71	0.00077	63.64	-77.78	0.00065
-70.71	70.71	0.00051	-63.64	63.64	0.00060
-56.57	56.57	0.00070	-49.50	49.50	0.00083
-42.43	42.43	0.00099	-35.36	35.36	0.00119
-28.28	28.28	0.00141	-21.21	21.21	0.00165
-17.68	17.68	0.00177	-14.14	14.14	0.00187
-12.02	12.02	0.00194	-10.61	10.61	0.00198
-9.19	9.19	0.00202	-7.78	7.78	0.00206
-6.36	6.36	0.00209	6.36	-6.36	0.00218
7.78	-7.78	0.00216	9.19	-9.19	0.00214
10.61	-10.61	0.00212	12.02	-12.02	0.00210
14.14	-14.14	0.00207	17.68	-17.68	0.00202
21.21	-21.21	0.00196	28.28	-28.28	0.00178
35.36	-35.36	0.00155	42.43	-42.43	0.00132
49.50	-49.50	0.00111	56.57	-56.57	0.00093
63.64	-63.64	0.00078	70.71	-70.71	0.00066
-63.64	77.78	0.00051	-56.57	70.71	0.00060
-49.50	63.64	0.00071	-42.43	56.57	0.00086
-35.36	49.50	0.00104	-28.28	42.43	0.00126
-21.21	35.36	0.00153	-14.14	28.28	0.00183
-10.61	24.75	0.00200	-7.07	21.21	0.00216
-4.95	19.09	0.00225	-3.54	17.68	0.00230
-2.12	16.26	0.00235	-0.71	14.85	0.00241
0.71	13.44	0.00246	13.44	0.71	0.00259
14.85	-0.71	0.00256	16.26	-2.12	0.00254
17.68	-3.54	0.00251	19.09	-4.95	0.00249

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00246	24.75	-10.61	0.00238
28.28	-14.14	0.00226	35.36	-21.21	0.00196
42.43	-28.28	0.00165	49.50	-35.36	0.00137
56.57	-42.43	0.00114	63.64	-49.50	0.00094

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

70.71	-56.57	0.00079	77.78	-63.64	0.00067
-56.57	84.85	0.00050	-49.50	77.78	0.00060
-42.43	70.71	0.00072	-35.36	63.64	0.00087
-28.28	56.57	0.00106	-21.21	49.50	0.00132
-14.14	42.43	0.00163	-7.07	35.36	0.00201
-3.54	31.82	0.00222	0.00	28.28	0.00245
2.12	26.16	0.00258	3.54	24.75	0.00266
4.95	23.33	0.00275	6.36	21.92	0.00282
7.78	20.51	0.00290	20.51	7.78	0.00310
21.92	6.36	0.00308	23.33	4.95	0.00305
24.75	3.54	0.00302	26.16	2.12	0.00298
28.28	0.00	0.00290	31.82	-3.54	0.00273
35.36	-7.07	0.00252	42.43	-14.14	0.00211
49.50	-21.21	0.00174	56.57	-28.28	0.00142
63.64	-35.36	0.00116	70.71	-42.43	0.00096
77.78	-49.50	0.00080	84.85	-56.57	0.00067
-49.50	91.92	0.00049	-42.43	84.85	0.00059
-35.36	77.78	0.00071	-28.28	70.71	0.00086
-21.21	63.64	0.00106	-14.14	56.57	0.00134
-7.07	49.50	0.00169	0.00	42.43	0.00214
3.54	38.89	0.00241	7.07	35.36	0.00270
9.19	33.23	0.00289	10.61	31.82	0.00302
12.02	30.41	0.00316	13.44	28.99	0.00328
14.85	27.58	0.00341	27.58	14.85	0.00379
28.99	13.44	0.00373	30.41	12.02	0.00366
31.82	10.61	0.00358	33.23	9.19	0.00347
35.36	7.07	0.00330	38.89	3.54	0.00302
42.43	0.00	0.00273	49.50	-7.07	0.00223
56.57	-14.14	0.00180	63.64	-21.21	0.00145
70.71	-28.28	0.00117	77.78	-35.36	0.00096
84.85	-42.43	0.00079	91.92	-49.50	0.00067
-42.43	98.99	0.00047	-35.36	91.92	0.00057
-28.28	84.85	0.00069	-21.21	77.78	0.00084
-14.14	70.71	0.00105	-7.07	63.64	0.00132
0.00	56.57	0.00169	7.07	49.50	0.00219
10.61	45.96	0.00249	14.14	42.43	0.00285

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00309	17.68	38.89	0.00327
19.09	37.48	0.00347	20.51	36.06	0.00370
21.92	34.65	0.00395	34.65	21.92	0.00458
36.06	20.51	0.00438	37.48	19.09	0.00419
38.89	17.68	0.00402	40.31	16.26	0.00385
42.43	14.14	0.00361	45.96	10.61	0.00323
49.50	7.07	0.00289	56.57	0.00	0.00231
63.64	-7.07	0.00183	70.71	-14.14	0.00145
77.78	-21.21	0.00116	84.85	-28.28	0.00094
91.92	-35.36	0.00077	98.99	-42.43	0.00065
-35.36	106.07	0.00046	-28.28	98.99	0.00055
-21.21	91.92	0.00067	-14.14	84.85	0.00082
-7.07	77.78	0.00102	0.00	70.71	0.00129
7.07	63.64	0.00168	14.14	56.57	0.00220
17.68	53.03	0.00253	21.21	49.50	0.00293
23.33	47.38	0.00322	24.75	45.96	0.00345
26.16	44.55	0.00372	27.58	43.13	0.00407
28.99	41.72	0.00455	41.72	28.99	0.00497
43.13	27.58	0.00467	44.55	26.16	0.00441
45.96	24.75	0.00419	47.38	23.33	0.00398
49.50	21.21	0.00370	53.03	17.68	0.00328
56.57	14.14	0.00291	63.64	7.07	0.00227
70.71	0.00	0.00177	77.78	-7.07	0.00139
84.85	-14.14	0.00111	91.92	-21.21	0.00090
98.99	-28.28	0.00074	106.07	-35.36	0.00062
-28.28	113.14	0.00044	-21.21	106.07	0.00053
-14.14	98.99	0.00065	-7.07	91.92	0.00081
0.00	84.85	0.00102	7.07	77.78	0.00131
14.14	70.71	0.00175	21.21	63.64	0.00243
24.75	60.10	0.00293	28.28	56.57	0.00362
30.41	54.45	0.00416	31.82	53.03	0.00459
33.23	51.62	0.00507	34.65	50.20	0.00564
36.06	48.79	0.00630	48.79	36.06	0.00521
50.20	34.65	0.00482	51.62	33.23	0.00450
53.03	31.82	0.00424	54.45	30.41	0.00401
56.57	28.28	0.00370	60.10	24.75	0.00325
63.64	21.21	0.00285	70.71	14.14	0.00218
77.78	7.07	0.00167	84.85	0.00	0.00130
91.92	-7.07	0.00104	98.99	-14.14	0.00084
106.07	-21.21	0.00070	113.14	-28.28	0.00059

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

17:53:19
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00044	-14.14	113.14	0.00054
-7.07	106.07	0.00066	0.00	98.99	0.00084
7.07	91.92	0.00108	14.14	84.85	0.00144
21.21	77.78	0.00201	28.28	70.71	0.00297
31.82	67.18	0.00368	35.36	63.64	0.00455
37.48	61.52	0.00517	38.89	60.10	0.00562
40.31	58.69	0.00611	41.72	57.28	0.00665
43.13	55.86	0.00727	55.86	43.13	0.00542
57.28	41.72	0.00496	58.69	40.31	0.00459
60.10	38.89	0.00428	61.52	37.48	0.00401
63.64	35.36	0.00366	67.18	31.82	0.00316
70.71	28.28	0.00274	77.78	21.21	0.00206
84.85	14.14	0.00156	91.92	7.07	0.00121
98.99	0.00	0.00097	106.07	-7.07	0.00079
113.14	-14.14	0.00066	120.21	-21.21	0.00055
-14.14	127.28	0.00046	-7.07	120.21	0.00056
0.00	113.14	0.00071	7.07	106.07	0.00092
14.14	98.99	0.00122	21.21	91.92	0.00167
28.28	84.85	0.00238	35.36	77.78	0.00349
38.89	74.25	0.00424	42.43	70.71	0.00513
44.55	68.59	0.00574	45.96	67.18	0.00617
47.38	65.76	0.00664	48.79	64.35	0.00714
50.20	62.93	0.00772	62.93	50.20	0.00549
64.35	48.79	0.00499	65.76	47.38	0.00459
67.18	45.96	0.00425	68.59	44.55	0.00395
70.71	42.43	0.00357	74.25	38.89	0.00302
77.78	35.36	0.00257	84.85	28.28	0.00189
91.92	21.21	0.00143	98.99	14.14	0.00112
106.07	7.07	0.00090	113.14	0.00	0.00074
120.21	-7.07	0.00061	127.28	-14.14	0.00052
-7.07	134.35	0.00050	0.00	127.28	0.00062
7.07	120.21	0.00079	14.14	113.14	0.00104
21.21	106.07	0.00140	28.28	98.99	0.00193
35.36	91.92	0.00271	42.43	84.85	0.00383
45.96	81.32	0.00455	49.50	77.78	0.00541
51.62	75.66	0.00598	53.03	74.25	0.00639

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

54.45	72.83	0.00683	55.86	71.42	0.00731
57.28	70.00	0.00785	70.00	57.28	0.00540
71.42	55.86	0.00488	72.83	54.45	0.00447
74.25	53.03	0.00411	75.66	51.62	0.00379

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00338	81.32	45.96	0.00280
84.85	42.43	0.00234	91.92	35.36	0.00170
98.99	28.28	0.00130	106.07	21.21	0.00103
113.14	14.14	0.00083	120.21	7.07	0.00068
127.28	0.00	0.00057	134.35	-7.07	0.00048
0.00	141.42	0.00056	7.07	134.35	0.00071
14.14	127.28	0.00090	21.21	120.21	0.00118
28.28	113.14	0.00158	35.36	106.07	0.00215
42.43	98.99	0.00294	49.50	91.92	0.00401
53.03	88.39	0.00468	56.57	84.85	0.00547
58.69	82.73	0.00600	60.10	81.32	0.00639
61.52	79.90	0.00680	62.93	78.49	0.00725
64.35	77.07	0.00776	77.07	64.35	0.00515
78.49	62.93	0.00462	79.90	61.52	0.00420
81.32	60.10	0.00383	82.73	58.69	0.00350
84.85	56.57	0.00307	88.39	53.03	0.00250
91.92	49.50	0.00208	98.99	42.43	0.00151
106.07	35.36	0.00117	113.14	28.28	0.00093
120.21	21.21	0.00075	127.28	14.14	0.00062
134.35	7.07	0.00052	141.42	0.00	0.00044
7.07	148.49	0.00065	14.14	141.42	0.00081
21.21	134.35	0.00103	28.28	127.28	0.00134
35.36	120.21	0.00176	42.43	113.14	0.00232
49.50	106.07	0.00308	56.57	98.99	0.00408
60.10	95.46	0.00469	63.64	91.92	0.00540
65.76	89.80	0.00587	67.18	88.39	0.00622
68.59	86.97	0.00659	70.00	85.56	0.00701
71.42	84.15	0.00749	84.15	71.42	0.00471
85.56	70.00	0.00418	86.97	68.59	0.00375
88.39	67.18	0.00338	89.80	65.76	0.00307

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

91.92	63.64	0.00267	95.46	60.10	0.00217
98.99	56.57	0.00181	106.07	49.50	0.00134
113.14	42.43	0.00104	120.21	35.36	0.00083
127.28	28.28	0.00067	134.35	21.21	0.00055
141.42	14.14	0.00046	148.49	7.07	0.00039
14.14	155.56	0.00074	21.21	148.49	0.00092
28.28	141.42	0.00117	35.36	134.35	0.00149
42.43	127.28	0.00192	49.50	120.21	0.00247
56.57	113.14	0.00318	63.64	106.07	0.00410
67.18	102.53	0.00465	70.71	98.99	0.00527

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00567	74.25	95.46	0.00596
75.66	94.05	0.00628	77.07	92.63	0.00664
78.49	91.22	0.00707	91.22	78.49	0.00406
92.63	77.07	0.00354	94.05	75.66	0.00315
95.46	74.25	0.00283	96.87	72.83	0.00257
98.99	70.71	0.00226	102.53	67.18	0.00186
106.07	63.64	0.00157	113.14	56.57	0.00117
120.21	49.50	0.00090	127.28	42.43	0.00072
134.35	35.36	0.00059	141.42	28.28	0.00049
148.49	21.21	0.00041	155.56	14.14	0.00035
21.21	162.63	0.00083	28.28	155.56	0.00103
35.36	148.49	0.00129	42.43	141.42	0.00162
49.50	134.35	0.00205	56.57	127.28	0.00259
63.64	120.21	0.00327	70.71	113.14	0.00412
74.25	109.60	0.00462	77.78	106.07	0.00515
79.90	103.94	0.00549	81.32	102.53	0.00573
82.73	101.12	0.00598	84.15	99.70	0.00625
85.56	98.29	0.00656	98.29	85.56	0.00323
99.70	84.15	0.00286	101.12	82.73	0.00257
102.53	81.32	0.00234	103.94	79.90	0.00215
106.07	77.78	0.00190	109.60	74.25	0.00159
113.14	70.71	0.00135	120.21	63.64	0.00102
127.28	56.57	0.00079	134.35	49.50	0.00064
141.42	42.43	0.00052	148.49	35.36	0.00044

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

155.56	28.28	0.00037	162.63	21.21	0.00032
28.28	169.71	0.00092	35.36	162.63	0.00113
42.43	155.56	0.00140	49.50	148.49	0.00173
56.57	141.42	0.00215	63.64	134.35	0.00267
70.71	127.28	0.00332	77.78	120.21	0.00413
81.32	116.67	0.00458	84.85	113.14	0.00505
86.97	111.02	0.00534	88.39	109.60	0.00552
89.80	108.19	0.00569	91.22	106.77	0.00584
92.63	105.36	0.00592	105.36	92.63	0.00274
106.77	91.22	0.00248	108.19	89.80	0.00226
109.60	88.39	0.00208	111.02	86.97	0.00192
113.14	84.85	0.00171	116.67	81.32	0.00144
120.21	77.78	0.00123	127.28	70.71	0.00093
134.35	63.64	0.00073	141.42	56.57	0.00059
148.49	49.50	0.00049	155.56	42.43	0.00041
162.63	35.36	0.00035	169.71	28.28	0.00030

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

17:53:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00100	42.43	169.71	0.00121
49.50	162.63	0.00147	56.57	155.56	0.00179
63.64	148.49	0.00219	70.71	141.42	0.00267
77.78	134.35	0.00324	84.85	127.28	0.00385
88.39	123.74	0.00411	91.92	120.21	0.00428
94.05	118.09	0.00430	95.46	116.67	0.00428
96.87	115.26	0.00423	98.29	113.84	0.00415
99.70	112.43	0.00404	112.43	99.70	0.00234
113.84	98.29	0.00217	115.26	96.87	0.00202
116.67	95.46	0.00187	118.09	94.05	0.00174
120.21	91.92	0.00157	123.74	88.39	0.00133
127.28	84.85	0.00114	134.35	77.78	0.00087
141.42	70.71	0.00069	148.49	63.64	0.00056
155.56	56.57	0.00046	162.63	49.50	0.00039
169.71	42.43	0.00033	176.78	35.36	0.00029
42.43	183.85	0.00105	49.50	176.78	0.00126
56.57	169.71	0.00150	63.64	162.63	0.00180
70.71	155.56	0.00214	77.78	148.49	0.00253

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

84.85	141.42	0.00292	91.92	134.35	0.00319
95.46	130.81	0.00324	98.99	127.28	0.00321
101.12	125.16	0.00315	102.53	123.74	0.00309
103.94	122.33	0.00303	105.36	120.92	0.00295
106.77	119.50	0.00287	119.50	106.77	0.00192
120.92	105.36	0.00182	122.33	103.94	0.00172
123.74	102.53	0.00162	125.16	101.12	0.00153
127.28	98.99	0.00140	130.81	95.46	0.00121
134.35	91.92	0.00105	141.42	84.85	0.00081
148.49	77.78	0.00064	155.56	70.71	0.00052
162.63	63.64	0.00044	169.71	56.57	0.00037
176.78	49.50	0.00032	183.85	42.43	0.00027
49.50	190.92	0.00108	56.57	183.85	0.00127
63.64	176.78	0.00148	70.71	169.71	0.00173
77.78	162.63	0.00200	84.85	155.56	0.00226
91.92	148.49	0.00246	98.99	141.42	0.00252
102.53	137.89	0.00250	106.07	134.35	0.00243
108.19	132.23	0.00236	109.60	130.81	0.00232
111.02	129.40	0.00227	112.43	127.99	0.00222
113.84	126.57	0.00217	126.57	113.84	0.00156
127.99	112.43	0.00150	129.40	111.02	0.00144
130.81	109.60	0.00138	132.23	108.19	0.00131

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

17:53:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00122	137.89	102.53	0.00108
141.42	98.99	0.00096	148.49	91.92	0.00075
155.56	84.85	0.00060	162.63	77.78	0.00049
169.71	70.71	0.00041	176.78	63.64	0.00035
183.85	56.57	0.00030	190.92	49.50	0.00026
56.57	197.99	0.00107	63.64	190.92	0.00124
70.71	183.85	0.00142	77.78	176.78	0.00160
84.85	169.71	0.00179	91.92	162.63	0.00194
98.99	155.56	0.00201	106.07	148.49	0.00200
109.60	144.96	0.00195	113.14	141.42	0.00188
115.26	139.30	0.00183	116.67	137.89	0.00180
118.09	136.47	0.00177	119.50	135.06	0.00174

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

120.92	133.64	0.00171	133.64	120.92	0.00129
135.06	119.50	0.00124	136.47	118.09	0.00120
137.89	116.67	0.00116	139.30	115.26	0.00112
141.42	113.14	0.00106	144.96	109.60	0.00096
148.49	106.07	0.00086	155.56	98.99	0.00069
162.63	91.92	0.00056	169.71	84.85	0.00046
176.78	77.78	0.00038	183.85	70.71	0.00033
190.92	63.64	0.00028	197.99	56.57	0.00025
63.64	205.06	0.00104	70.71	197.99	0.00117
77.78	190.92	0.00131	84.85	183.85	0.00145
91.92	176.78	0.00156	98.99	169.71	0.00163
106.07	162.63	0.00165	113.14	155.56	0.00161
116.67	152.03	0.00156	120.21	148.49	0.00150
122.33	146.37	0.00146	123.74	144.96	0.00144
125.16	143.54	0.00142	126.57	142.13	0.00140
127.99	140.71	0.00138	140.71	127.99	0.00108
142.13	126.57	0.00104	143.54	125.16	0.00101
144.96	123.74	0.00098	146.37	122.33	0.00095
148.49	120.21	0.00091	152.03	116.67	0.00084
155.56	113.14	0.00077	162.63	106.07	0.00063
169.71	98.99	0.00052	176.78	91.92	0.00043
183.85	84.85	0.00036	190.92	77.78	0.00031
197.99	70.71	0.00027	205.06	63.64	0.00023
70.71	212.13	0.00099	77.78	205.06	0.00109
84.85	197.99	0.00119	91.92	190.92	0.00128
98.99	183.85	0.00134	106.07	176.78	0.00138
113.14	169.71	0.00137	120.21	162.63	0.00131
123.74	159.10	0.00127	127.28	155.56	0.00122

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00120	130.81	152.03	0.00119
132.23	150.61	0.00117	133.64	149.20	0.00116
135.06	147.79	0.00114	147.79	135.06	0.00091
149.20	133.64	0.00089	150.61	132.23	0.00086
152.03	130.81	0.00084	153.44	129.40	0.00082
155.56	127.28	0.00079	159.10	123.74	0.00073

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

162.63	120.21	0.00068	169.71	113.14	0.00057
176.78	106.07	0.00048	183.85	98.99	0.00041
190.92	91.92	0.00034	197.99	84.85	0.00029
205.06	77.78	0.00025	212.13	70.71	0.00022
77.78	219.20	0.00092	84.85	212.13	0.00100
91.92	205.06	0.00107	98.99	197.99	0.00112
106.07	190.92	0.00116	113.14	183.85	0.00117
120.21	176.78	0.00114	127.28	169.71	0.00108
130.81	166.17	0.00105	134.35	162.63	0.00102
136.47	160.51	0.00100	137.89	159.10	0.00099
139.30	157.68	0.00098	140.71	156.27	0.00097
142.13	154.86	0.00096	154.86	142.13	0.00078
156.27	140.71	0.00076	157.68	139.30	0.00074
159.10	137.89	0.00072	160.51	136.47	0.00071
162.63	134.35	0.00068	166.17	130.81	0.00064
169.71	127.28	0.00060	176.78	120.21	0.00052
183.85	113.14	0.00045	190.92	106.07	0.00038
197.99	98.99	0.00032	205.06	91.92	0.00028
212.13	84.85	0.00024	219.20	77.78	0.00021
84.85	226.27	0.00085	91.92	219.20	0.00090
98.99	212.13	0.00095	106.07	205.06	0.00098
113.14	197.99	0.00100	120.21	190.92	0.00099
127.28	183.85	0.00096	134.35	176.78	0.00091
137.89	173.24	0.00089	141.42	169.71	0.00086
143.54	167.58	0.00085	144.96	166.17	0.00085
146.37	164.76	0.00084	147.79	163.34	0.00083
149.20	161.93	0.00082	161.93	149.20	0.00068
163.34	147.79	0.00066	164.76	146.37	0.00064
166.17	144.96	0.00063	167.58	143.54	0.00062
169.71	141.42	0.00060	173.24	137.89	0.00057
176.78	134.35	0.00054	183.85	127.28	0.00047
190.92	120.21	0.00041	197.99	113.14	0.00035
205.06	106.07	0.00031	212.13	98.99	0.00026
219.20	91.92	0.00023	226.27	84.85	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-----	-----	-----	-----	-----	-----

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

91.92	233.35	0.00077	98.99	226.27	0.00081
106.07	219.20	0.00084	113.14	212.13	0.00086
120.21	205.06	0.00087	127.28	197.99	0.00085
134.35	190.92	0.00082	141.42	183.85	0.00078
144.96	180.31	0.00076	148.49	176.78	0.00074
150.61	174.66	0.00073	152.03	173.24	0.00073
153.44	171.83	0.00072	154.86	170.41	0.00071
156.27	169.00	0.00071	169.00	156.27	0.00059
170.41	154.86	0.00058	171.83	153.44	0.00057
173.24	152.03	0.00055	174.66	150.61	0.00054
176.78	148.49	0.00053	180.31	144.96	0.00050
183.85	141.42	0.00048	190.92	134.35	0.00043
197.99	127.28	0.00038	205.06	120.21	0.00033
212.13	113.14	0.00029	219.20	106.07	0.00025
226.27	98.99	0.00022	233.35	91.92	0.00019
98.99	240.42	0.00070	106.07	233.35	0.00073
113.14	226.27	0.00075	120.21	219.20	0.00076
127.28	212.13	0.00076	134.35	205.06	0.00074
141.42	197.99	0.00070	148.49	190.92	0.00067
152.03	187.38	0.00066	155.56	183.85	0.00065
157.68	181.73	0.00064	159.10	180.31	0.00063
160.51	178.90	0.00063	161.93	177.48	0.00062
163.34	176.07	0.00062	176.07	163.34	0.00052
177.48	161.93	0.00051	178.90	160.51	0.00050
180.31	159.10	0.00049	181.73	157.68	0.00048
183.85	155.56	0.00047	187.38	152.03	0.00045
190.92	148.49	0.00043	197.99	141.42	0.00039
205.06	134.35	0.00035	212.13	127.28	0.00031
219.20	120.21	0.00027	226.27	113.14	0.00024
233.35	106.07	0.00021	240.42	98.99	0.00019
106.07	247.49	0.00064	113.14	240.42	0.00066
120.21	233.35	0.00067	127.28	226.27	0.00067
134.35	219.20	0.00066	141.42	212.13	0.00064
148.49	205.06	0.00061	155.56	197.99	0.00059
159.10	194.45	0.00058	162.63	190.92	0.00057
164.76	188.80	0.00056	166.17	187.38	0.00056
167.58	185.97	0.00055	169.00	184.55	0.00055
170.41	183.14	0.00054	183.14	170.41	0.00046
184.55	169.00	0.00045	185.97	167.58	0.00045
187.38	166.17	0.00044	188.80	164.76	0.00043

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

17:53:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
190.92	162.63	0.00042	194.45	159.10	0.00040	
197.99	155.56	0.00039	205.06	148.49	0.00035	
212.13	141.42	0.00032	219.20	134.35	0.00028	
226.27	127.28	0.00025	233.35	120.21	0.00023	
240.42	113.14	0.00020	247.49	106.07	0.00018	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***
 17:53:19
 **MODELOPTs:
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 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-247.49	-106.07	0.00026	-240.42	-113.14	0.00028	
-233.35	-120.21	0.00029	-226.27	-127.28	0.00030	
-219.20	-134.35	0.00031	-212.13	-141.42	0.00032	
-205.06	-148.49	0.00033	-197.99	-155.56	0.00034	
-194.45	-159.10	0.00035	-190.92	-162.63	0.00035	
-188.80	-164.76	0.00036	-187.38	-166.17	0.00036	
-185.97	-167.58	0.00036	-184.55	-169.00	0.00036	
-183.14	-170.41	0.00036	-170.41	-183.14	0.00036	
-169.00	-184.55	0.00036	-167.58	-185.97	0.00036	
-166.17	-187.38	0.00036	-164.76	-188.80	0.00036	
-162.63	-190.92	0.00036	-159.10	-194.45	0.00036	
-155.56	-197.99	0.00036	-148.49	-205.06	0.00035	
-141.42	-212.13	0.00034	-134.35	-219.20	0.00033	
-127.28	-226.27	0.00032	-120.21	-233.35	0.00032	
-113.14	-240.42	0.00031	-106.07	-247.49	0.00031	
-240.42	-98.99	0.00028	-233.35	-106.07	0.00029	
-226.27	-113.14	0.00030	-219.20	-120.21	0.00032	
-212.13	-127.28	0.00033	-205.06	-134.35	0.00034	
-197.99	-141.42	0.00036	-190.92	-148.49	0.00037	
-187.38	-152.03	0.00038	-183.85	-155.56	0.00038	
-181.73	-157.68	0.00038	-180.31	-159.10	0.00038	
-178.90	-160.51	0.00039	-177.48	-161.93	0.00039	
-176.07	-163.34	0.00039	-163.34	-176.07	0.00039	

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-161.93	-177.48	0.00039	-160.51	-178.90	0.00039
-159.10	-180.31	0.00039	-157.68	-181.73	0.00039
-155.56	-183.85	0.00039	-152.03	-187.38	0.00039
-148.49	-190.92	0.00038	-141.42	-197.99	0.00037
-134.35	-205.06	0.00037	-127.28	-212.13	0.00036
-120.21	-219.20	0.00035	-113.14	-226.27	0.00034
-106.07	-233.35	0.00033	-98.99	-240.42	0.00033
-233.35	-91.92	0.00029	-226.27	-99.00	0.00031
-219.20	-106.07	0.00032	-212.13	-113.14	0.00034
-205.06	-120.21	0.00035	-197.99	-127.28	0.00037
-190.92	-134.35	0.00038	-183.85	-141.42	0.00040
-180.31	-144.96	0.00040	-176.78	-148.49	0.00041
-174.66	-150.61	0.00041	-173.24	-152.03	0.00041
-171.83	-153.44	0.00042	-170.41	-154.86	0.00042
-169.00	-156.27	0.00042	-156.27	-169.00	0.00042
-154.86	-170.41	0.00042	-153.44	-171.83	0.00042
-152.03	-173.24	0.00042	-150.61	-174.66	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00042	-144.96	-180.31	0.00042
-141.42	-183.85	0.00041	-134.35	-190.92	0.00040
-127.28	-197.99	0.00039	-120.21	-205.06	0.00038
-113.14	-212.13	0.00037	-106.07	-219.20	0.00037
-98.99	-226.27	0.00036	-91.92	-233.35	0.00035
-226.27	-84.85	0.00031	-219.20	-91.92	0.00033
-212.13	-99.00	0.00035	-205.06	-106.07	0.00036
-197.99	-113.14	0.00038	-190.92	-120.21	0.00039
-183.85	-127.28	0.00041	-176.78	-134.35	0.00043
-173.24	-137.89	0.00044	-169.71	-141.42	0.00044
-167.58	-143.54	0.00045	-166.17	-144.96	0.00045
-164.76	-146.37	0.00045	-163.34	-147.79	0.00045
-161.93	-149.20	0.00045	-149.20	-161.93	0.00046
-147.79	-163.34	0.00046	-146.37	-164.76	0.00046
-144.96	-166.17	0.00046	-143.54	-167.58	0.00046
-141.42	-169.71	0.00045	-137.89	-173.24	0.00045
-134.35	-176.78	0.00045	-127.28	-183.85	0.00044

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-120.21	-190.92	0.00042	-113.14	-197.99	0.00041
-106.07	-205.06	0.00040	-98.99	-212.13	0.00039
-91.92	-219.20	0.00039	-84.85	-226.27	0.00038
-219.20	-77.78	0.00033	-212.13	-84.85	0.00035
-205.06	-91.92	0.00037	-197.99	-99.00	0.00039
-190.92	-106.07	0.00041	-183.85	-113.14	0.00042
-176.78	-120.21	0.00045	-169.71	-127.28	0.00047
-166.17	-130.81	0.00047	-162.63	-134.35	0.00048
-160.51	-136.47	0.00049	-159.10	-137.89	0.00049
-157.68	-139.30	0.00049	-156.27	-140.71	0.00049
-154.86	-142.13	0.00049	-142.13	-154.86	0.00050
-140.71	-156.27	0.00050	-139.30	-157.68	0.00050
-137.89	-159.10	0.00050	-136.47	-160.51	0.00050
-134.35	-162.63	0.00049	-130.81	-166.17	0.00049
-127.28	-169.71	0.00048	-120.21	-176.78	0.00047
-113.14	-183.85	0.00046	-106.07	-190.92	0.00045
-98.99	-197.99	0.00044	-91.92	-205.06	0.00043
-84.85	-212.13	0.00042	-77.78	-219.20	0.00041
-212.13	-70.71	0.00034	-205.06	-77.78	0.00037
-197.99	-84.85	0.00039	-190.92	-91.92	0.00042
-183.85	-98.99	0.00044	-176.78	-106.07	0.00046
-169.71	-113.14	0.00048	-162.63	-120.21	0.00051
-159.10	-123.74	0.00052	-155.56	-127.28	0.00053

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00053	-152.03	-130.81	0.00053
-150.61	-132.23	0.00054	-149.20	-133.64	0.00054
-147.79	-135.06	0.00054	-135.06	-147.79	0.00055
-133.64	-149.20	0.00055	-132.23	-150.61	0.00055
-130.81	-152.03	0.00054	-129.40	-153.44	0.00054
-127.28	-155.56	0.00054	-123.74	-159.10	0.00053
-120.21	-162.63	0.00053	-113.14	-169.71	0.00051
-106.07	-176.78	0.00050	-98.99	-183.85	0.00048
-91.92	-190.92	0.00047	-84.85	-197.99	0.00046
-77.78	-205.06	0.00045	-70.71	-212.13	0.00044
-205.06	-63.64	0.00036	-197.99	-70.71	0.00039

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-190.92	-77.78	0.00042	-183.85	-84.85	0.00045
-176.78	-91.92	0.00047	-169.71	-98.99	0.00050
-162.63	-106.07	0.00052	-155.56	-113.14	0.00055
-152.03	-116.67	0.00056	-148.49	-120.21	0.00058
-146.37	-122.33	0.00058	-144.96	-123.74	0.00058
-143.54	-125.16	0.00059	-142.13	-126.57	0.00059
-140.71	-127.99	0.00059	-127.99	-140.71	0.00060
-126.57	-142.13	0.00060	-125.16	-143.54	0.00060
-123.74	-144.96	0.00060	-122.33	-146.37	0.00060
-120.21	-148.49	0.00059	-116.67	-152.03	0.00059
-113.14	-155.56	0.00058	-106.07	-162.63	0.00056
-98.99	-169.71	0.00054	-91.92	-176.78	0.00053
-84.85	-183.85	0.00052	-77.78	-190.92	0.00050
-70.71	-197.99	0.00049	-63.64	-205.06	0.00047
-197.99	-56.57	0.00037	-190.92	-63.64	0.00041
-183.85	-70.71	0.00045	-176.78	-77.78	0.00048
-169.71	-84.85	0.00051	-162.63	-91.92	0.00054
-155.56	-98.99	0.00057	-148.49	-106.07	0.00060
-144.96	-109.60	0.00062	-141.42	-113.14	0.00063
-139.30	-115.26	0.00064	-137.89	-116.67	0.00064
-136.47	-118.09	0.00065	-135.06	-119.50	0.00065
-133.64	-120.92	0.00065	-120.92	-133.64	0.00066
-119.50	-135.06	0.00066	-118.09	-136.47	0.00066
-116.67	-137.89	0.00066	-115.26	-139.30	0.00066
-113.14	-141.42	0.00065	-109.60	-144.96	0.00064
-106.07	-148.49	0.00063	-98.99	-155.56	0.00061
-91.92	-162.63	0.00059	-84.85	-169.71	0.00058
-77.78	-176.78	0.00057	-70.71	-183.85	0.00055
-63.64	-190.92	0.00053	-56.57	-197.99	0.00050

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTS:
 PAGE 66
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00039	-183.85	-56.57	0.00043
-176.78	-63.64	0.00048	-169.71	-70.71	0.00052
-162.63	-77.78	0.00056	-155.56	-84.85	0.00059
-148.49	-91.92	0.00063	-141.42	-98.99	0.00066
-137.89	-102.53	0.00068	-134.35	-106.07	0.00070

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-132.23	-108.19	0.00071	-130.81	-109.60	0.00071
-129.40	-111.02	0.00072	-127.99	-112.43	0.00072
-126.57	-113.84	0.00072	-113.84	-126.57	0.00074
-112.43	-127.99	0.00073	-111.02	-129.40	0.00073
-109.60	-130.81	0.00073	-108.19	-132.23	0.00073
-106.07	-134.35	0.00072	-102.53	-137.89	0.00071
-98.99	-141.42	0.00070	-91.92	-148.49	0.00068
-84.85	-155.56	0.00065	-77.78	-162.63	0.00064
-70.71	-169.71	0.00062	-63.64	-176.78	0.00060
-56.57	-183.85	0.00057	-49.50	-190.92	0.00053
-183.85	-42.43	0.00041	-176.78	-49.50	0.00046
-169.71	-56.57	0.00051	-162.63	-63.64	0.00056
-155.56	-70.71	0.00061	-148.49	-77.78	0.00065
-141.42	-84.85	0.00069	-134.35	-91.92	0.00073
-130.81	-95.46	0.00075	-127.28	-98.99	0.00077
-125.16	-101.12	0.00079	-123.74	-102.53	0.00079
-122.33	-103.94	0.00080	-120.92	-105.36	0.00080
-119.50	-106.77	0.00081	-106.77	-119.50	0.00082
-105.36	-120.92	0.00082	-103.94	-122.33	0.00082
-102.53	-123.74	0.00081	-101.12	-125.16	0.00081
-98.99	-127.28	0.00080	-95.46	-130.81	0.00079
-91.92	-134.35	0.00078	-84.85	-141.42	0.00075
-77.78	-148.49	0.00073	-70.71	-155.56	0.00071
-63.64	-162.63	0.00068	-56.57	-169.71	0.00065
-49.50	-176.78	0.00061	-42.43	-183.85	0.00056
-176.78	-35.36	0.00042	-169.71	-42.43	0.00048
-162.63	-49.50	0.00054	-155.56	-56.57	0.00060
-148.49	-63.64	0.00066	-141.42	-70.71	0.00071
-134.35	-77.78	0.00076	-127.28	-84.85	0.00081
-123.74	-88.39	0.00084	-120.21	-91.92	0.00086
-118.09	-94.05	0.00088	-116.67	-95.46	0.00089
-115.26	-96.87	0.00089	-113.84	-98.29	0.00090
-112.43	-99.70	0.00091	-99.70	-112.43	0.00092
-98.29	-113.84	0.00092	-96.87	-115.26	0.00092
-95.46	-116.67	0.00091	-94.05	-118.09	0.00091

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-91.92	-120.21	0.00090	-88.39	-123.74	0.00088	
-84.85	-127.28	0.00087	-77.78	-134.35	0.00083	
-70.71	-141.42	0.00081	-63.64	-148.49	0.00078	
-56.57	-155.56	0.00075	-49.50	-162.63	0.00070	
-42.43	-169.71	0.00064	-35.36	-176.78	0.00058	
-169.71	-28.28	0.00044	-162.63	-35.36	0.00050	
-155.56	-42.43	0.00056	-148.49	-49.50	0.00064	
-141.42	-56.57	0.00071	-134.35	-63.64	0.00078	
-127.28	-70.71	0.00084	-120.21	-77.78	0.00090	
-116.67	-81.32	0.00094	-113.14	-84.85	0.00097	
-111.02	-86.97	0.00099	-109.60	-88.39	0.00100	
-108.19	-89.80	0.00101	-106.77	-91.22	0.00102	
-105.36	-92.63	0.00102	-92.63	-105.36	0.00104	
-91.22	-106.77	0.00104	-89.80	-108.19	0.00104	
-88.39	-109.60	0.00103	-86.97	-111.02	0.00102	
-84.85	-113.14	0.00101	-81.32	-116.67	0.00099	
-77.78	-120.21	0.00097	-70.71	-127.28	0.00094	
-63.64	-134.35	0.00091	-56.57	-141.42	0.00087	
-49.50	-148.49	0.00082	-42.43	-155.56	0.00075	
-35.36	-162.63	0.00068	-28.28	-169.71	0.00060	
-162.63	-21.21	0.00046	-155.56	-28.28	0.00052	
-148.49	-35.36	0.00059	-141.42	-42.43	0.00068	
-134.35	-49.50	0.00077	-127.28	-56.57	0.00086	
-120.21	-63.64	0.00094	-113.14	-70.71	0.00101	
-109.60	-74.25	0.00105	-106.07	-77.78	0.00109	
-103.94	-79.90	0.00111	-102.53	-81.32	0.00113	
-101.12	-82.73	0.00114	-99.70	-84.15	0.00115	
-98.29	-85.56	0.00116	-85.56	-98.29	0.00119	
-84.15	-99.70	0.00118	-82.73	-101.12	0.00118	
-81.32	-102.53	0.00117	-79.90	-103.94	0.00116	
-77.78	-106.07	0.00115	-74.25	-109.60	0.00112	
-70.71	-113.14	0.00110	-63.64	-120.21	0.00106	
-56.57	-127.28	0.00102	-49.50	-134.35	0.00097	
-42.43	-141.42	0.00089	-35.36	-148.49	0.00080	
-28.28	-155.56	0.00071	-21.21	-162.63	0.00062	
-155.56	-14.14	0.00047	-148.49	-21.21	0.00054	
-141.42	-28.28	0.00062	-134.35	-35.36	0.00072	
-127.28	-42.43	0.00082	-120.21	-49.50	0.00094	
-113.14	-56.57	0.00105	-106.07	-63.64	0.00114	
-102.53	-67.18	0.00119	-98.99	-70.71	0.00124	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

17:53:19

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00127	-95.46	-74.25	0.00129
-94.05	-75.66	0.00130	-92.63	-77.07	0.00132
-91.22	-78.49	0.00133	-78.49	-91.22	0.00137
-77.07	-92.63	0.00136	-75.66	-94.05	0.00135
-74.25	-95.46	0.00134	-72.83	-96.87	0.00133
-70.71	-98.99	0.00131	-67.18	-102.53	0.00128
-63.64	-106.07	0.00126	-56.57	-113.14	0.00121
-49.50	-120.21	0.00115	-42.43	-127.28	0.00106
-35.36	-134.35	0.00096	-28.28	-141.42	0.00084
-21.21	-148.49	0.00073	-14.14	-155.56	0.00064
-148.49	-7.07	0.00049	-141.42	-14.14	0.00056
-134.35	-21.21	0.00065	-127.28	-28.28	0.00076
-120.21	-35.36	0.00088	-113.14	-42.43	0.00102
-106.07	-49.50	0.00116	-98.99	-56.57	0.00130
-95.46	-60.10	0.00135	-91.92	-63.64	0.00141
-89.80	-65.76	0.00145	-88.39	-67.18	0.00148
-86.97	-68.59	0.00150	-85.56	-70.00	0.00152
-84.15	-71.42	0.00154	-71.42	-84.15	0.00158
-70.00	-85.56	0.00157	-68.59	-86.97	0.00156
-67.18	-88.39	0.00155	-65.76	-89.80	0.00153
-63.64	-91.92	0.00151	-60.10	-95.46	0.00148
-56.57	-98.99	0.00145	-49.50	-106.07	0.00138
-42.43	-113.14	0.00129	-35.36	-120.21	0.00116
-28.28	-127.28	0.00102	-21.21	-134.35	0.00088
-14.14	-141.42	0.00075	-7.07	-148.49	0.00065
-141.42	0.00	0.00050	-134.35	-7.07	0.00058
-127.28	-14.14	0.00068	-120.21	-21.21	0.00080
-113.14	-28.28	0.00094	-106.07	-35.36	0.00110
-98.99	-42.43	0.00129	-91.92	-49.50	0.00147
-88.39	-53.03	0.00155	-84.85	-56.57	0.00162
-82.73	-58.69	0.00167	-81.32	-60.10	0.00170
-79.90	-61.52	0.00173	-78.49	-62.93	0.00176
-77.07	-64.35	0.00179	-64.35	-77.07	0.00185
-62.93	-78.49	0.00184	-61.52	-79.90	0.00182
-60.10	-81.32	0.00180	-58.69	-82.73	0.00179
-56.57	-84.85	0.00176	-53.03	-88.39	0.00172
-49.50	-91.92	0.00168	-42.43	-98.99	0.00158

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	-106.07	0.00142	-28.28	-113.14	0.00124
-21.21	-120.21	0.00107	-14.14	-127.28	0.00091
-7.07	-134.35	0.00077	0.00	-141.42	0.00065

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00051	-127.28	0.00	0.00060
-120.21	-7.07	0.00070	-113.14	-14.14	0.00083
-106.07	-21.21	0.00099	-98.99	-28.28	0.00119
-91.92	-35.36	0.00141	-84.85	-42.43	0.00165
-81.32	-45.96	0.00177	-77.78	-49.50	0.00187
-75.66	-51.62	0.00194	-74.25	-53.03	0.00198
-72.83	-54.45	0.00202	-71.42	-55.86	0.00206
-70.00	-57.28	0.00209	-57.28	-70.00	0.00218
-55.86	-71.42	0.00216	-54.45	-72.83	0.00214
-53.03	-74.25	0.00212	-51.62	-75.66	0.00210
-49.50	-77.78	0.00207	-45.96	-81.32	0.00202
-42.43	-84.85	0.00196	-35.36	-91.92	0.00178
-28.28	-98.99	0.00155	-21.21	-106.07	0.00132
-14.14	-113.14	0.00111	-7.07	-120.21	0.00093
0.00	-127.28	0.00078	7.07	-134.35	0.00066
-127.28	14.14	0.00051	-120.21	7.07	0.00060
-113.14	0.00	0.00071	-106.07	-7.07	0.00086
-98.99	-14.14	0.00104	-91.92	-21.21	0.00126
-84.85	-28.28	0.00153	-77.78	-35.36	0.00183
-74.25	-38.89	0.00200	-70.71	-42.43	0.00216
-68.59	-44.55	0.00225	-67.18	-45.96	0.00230
-65.76	-47.38	0.00235	-64.35	-48.79	0.00241
-62.93	-50.20	0.00246	-50.20	-62.93	0.00259
-48.79	-64.35	0.00256	-47.38	-65.76	0.00254
-45.96	-67.18	0.00251	-44.55	-68.59	0.00249
-42.43	-70.71	0.00246	-38.89	-74.25	0.00238
-35.36	-77.78	0.00226	-28.28	-84.85	0.00196
-21.21	-91.92	0.00165	-14.14	-98.99	0.00137
-7.07	-106.07	0.00114	0.00	-113.14	0.00094
7.07	-120.21	0.00079	14.14	-127.28	0.00067
-120.21	21.21	0.00050	-113.14	14.14	0.00060

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-106.07	7.07	0.00072	-98.99	0.00	0.00087
-91.92	-7.07	0.00106	-84.85	-14.14	0.00132
-77.78	-21.21	0.00163	-70.71	-28.28	0.00201
-67.18	-31.82	0.00222	-63.64	-35.36	0.00245
-61.52	-37.48	0.00258	-60.10	-38.89	0.00266
-58.69	-40.31	0.00275	-57.28	-41.72	0.00282
-55.86	-43.13	0.00290	-43.13	-55.86	0.00310
-41.72	-57.28	0.00308	-40.31	-58.69	0.00305
-38.89	-60.10	0.00302	-37.48	-61.52	0.00298

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 70
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00290	-31.82	-67.18	0.00273
-28.28	-70.71	0.00252	-21.21	-77.78	0.00211
-14.14	-84.85	0.00174	-7.07	-91.92	0.00142
0.00	-98.99	0.00116	7.07	-106.07	0.00096
14.14	-113.14	0.00080	21.21	-120.21	0.00067
-113.14	28.28	0.00049	-106.07	21.21	0.00059
-98.99	14.14	0.00071	-91.92	7.07	0.00086
-84.85	0.00	0.00106	-77.78	-7.07	0.00134
-70.71	-14.14	0.00169	-63.64	-21.21	0.00214
-60.10	-24.75	0.00241	-56.57	-28.28	0.00270
-54.45	-30.41	0.00289	-53.03	-31.82	0.00302
-51.62	-33.23	0.00316	-50.20	-34.65	0.00328
-48.79	-36.06	0.00341	-36.06	-48.79	0.00379
-34.65	-50.20	0.00373	-33.23	-51.62	0.00366
-31.82	-53.03	0.00358	-30.41	-54.45	0.00347
-28.28	-56.57	0.00330	-24.75	-60.10	0.00302
-21.21	-63.64	0.00273	-14.14	-70.71	0.00223
-7.07	-77.78	0.00180	0.00	-84.85	0.00145
7.07	-91.92	0.00117	14.14	-98.99	0.00096
21.21	-106.07	0.00079	28.28	-113.14	0.00067
-106.07	35.36	0.00047	-98.99	28.28	0.00057
-91.92	21.21	0.00069	-84.85	14.14	0.00084
-77.78	7.07	0.00105	-70.71	0.00	0.00132
-63.64	-7.07	0.00169	-56.57	-14.14	0.00219
-53.03	-17.68	0.00249	-49.50	-21.21	0.00285

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-47.38	-23.33	0.00309	-45.96	-24.75	0.00327
-44.55	-26.16	0.00347	-43.13	-27.58	0.00370
-41.72	-28.99	0.00395	-28.99	-41.72	0.00458
-27.58	-43.13	0.00438	-26.16	-44.55	0.00419
-24.75	-45.96	0.00402	-23.33	-47.38	0.00385
-21.21	-49.50	0.00361	-17.68	-53.03	0.00323
-14.14	-56.57	0.00289	-7.07	-63.64	0.00231
0.00	-70.71	0.00183	7.07	-77.78	0.00145
14.14	-84.85	0.00116	21.21	-91.92	0.00094
28.28	-98.99	0.00077	35.36	-106.07	0.00065
-98.99	42.43	0.00046	-91.92	35.36	0.00055
-84.85	28.28	0.00067	-77.78	21.21	0.00082
-70.71	14.14	0.00102	-63.64	7.07	0.00129
-56.57	0.00	0.00168	-49.50	-7.07	0.00220
-45.96	-10.61	0.00253	-42.43	-14.14	0.00293

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00322	-38.89	-17.68	0.00345
-37.48	-19.09	0.00372	-36.06	-20.51	0.00407
-34.65	-21.92	0.00455	-21.92	-34.65	0.00497
-20.51	-36.06	0.00467	-19.09	-37.48	0.00441
-17.68	-38.89	0.00419	-16.26	-40.31	0.00398
-14.14	-42.43	0.00370	-10.61	-45.96	0.00328
-7.07	-49.50	0.00291	0.00	-56.57	0.00227
7.07	-63.64	0.00177	14.14	-70.71	0.00139
21.21	-77.78	0.00111	28.28	-84.85	0.00090
35.36	-91.92	0.00074	42.43	-98.99	0.00062
-91.92	49.50	0.00044	-84.85	42.43	0.00053
-77.78	35.36	0.00065	-70.71	28.28	0.00081
-63.64	21.21	0.00102	-56.57	14.14	0.00131
-49.50	7.07	0.00175	-42.43	0.00	0.00243
-38.89	-3.54	0.00293	-35.36	-7.07	0.00362
-33.23	-9.19	0.00416	-31.82	-10.61	0.00459
-30.41	-12.02	0.00507	-28.99	-13.44	0.00564
-27.58	-14.85	0.00630	-14.85	-27.58	0.00521
-13.44	-28.99	0.00482	-12.02	-30.41	0.00450

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-10.61	-31.82	0.00424	-9.19	-33.23	0.00401
-7.07	-35.36	0.00370	-3.54	-38.89	0.00325
0.00	-42.43	0.00285	7.07	-49.50	0.00218
14.14	-56.57	0.00167	21.21	-63.64	0.00130
28.28	-70.71	0.00104	35.36	-77.78	0.00084
42.43	-84.85	0.00070	49.50	-91.92	0.00059
-84.85	56.57	0.00044	-77.78	49.50	0.00054
-70.71	42.43	0.00066	-63.64	35.36	0.00084
-56.57	28.28	0.00108	-49.50	21.21	0.00144
-42.43	14.14	0.00201	-35.36	7.07	0.00297
-31.82	3.54	0.00368	-28.28	0.00	0.00455
-26.16	-2.12	0.00517	-24.75	-3.54	0.00562
-23.33	-4.95	0.00611	-21.92	-6.36	0.00665
-20.51	-7.78	0.00727	-7.78	-20.51	0.00542
-6.36	-21.92	0.00496	-4.95	-23.33	0.00459
-3.54	-24.75	0.00428	-2.12	-26.16	0.00401
0.00	-28.28	0.00366	3.54	-31.82	0.00316
7.07	-35.36	0.00274	14.14	-42.43	0.00206
21.21	-49.50	0.00156	28.28	-56.57	0.00121
35.36	-63.64	0.00097	42.43	-70.71	0.00079
49.50	-77.78	0.00066	56.57	-84.85	0.00055

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00046	-70.71	56.57	0.00056
-63.64	49.50	0.00071	-56.57	42.43	0.00092
-49.50	35.36	0.00122	-42.43	28.28	0.00167
-35.36	21.21	0.00238	-28.28	14.14	0.00349
-24.75	10.61	0.00424	-21.21	7.07	0.00513
-19.09	4.95	0.00574	-17.68	3.54	0.00617
-16.26	2.12	0.00664	-14.85	0.71	0.00714
-13.44	-0.71	0.00772	-0.71	-13.44	0.00549
0.71	-14.85	0.00499	2.12	-16.26	0.00459
3.54	-17.68	0.00425	4.95	-19.09	0.00395
7.07	-21.21	0.00357	10.61	-24.75	0.00302
14.14	-28.28	0.00257	21.21	-35.36	0.00189
28.28	-42.43	0.00143	35.36	-49.50	0.00112

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

42.43	-56.57	0.00090	49.50	-63.64	0.00074
56.57	-70.71	0.00061	63.64	-77.78	0.00052
-70.71	70.71	0.00050	-63.64	63.64	0.00062
-56.57	56.57	0.00079	-49.50	49.50	0.00104
-42.43	42.43	0.00140	-35.36	35.36	0.00193
-28.28	28.28	0.00271	-21.21	21.21	0.00383
-17.68	17.68	0.00455	-14.14	14.14	0.00541
-12.02	12.02	0.00598	-10.61	10.61	0.00639
-9.19	9.19	0.00683	-7.78	7.78	0.00731
-6.36	6.36	0.00785	6.36	-6.36	0.00540
7.78	-7.78	0.00488	9.19	-9.19	0.00447
10.61	-10.61	0.00411	12.02	-12.02	0.00379
14.14	-14.14	0.00338	17.68	-17.68	0.00280
21.21	-21.21	0.00234	28.28	-28.28	0.00170
35.36	-35.36	0.00130	42.43	-42.43	0.00103
49.50	-49.50	0.00083	56.57	-56.57	0.00068
63.64	-63.64	0.00057	70.71	-70.71	0.00048
-63.64	77.78	0.00056	-56.57	70.71	0.00071
-49.50	63.64	0.00090	-42.43	56.57	0.00118
-35.36	49.50	0.00158	-28.28	42.43	0.00215
-21.21	35.36	0.00294	-14.14	28.28	0.00401
-10.61	24.75	0.00468	-7.07	21.21	0.00547
-4.95	19.09	0.00600	-3.54	17.68	0.00639
-2.12	16.26	0.00680	-0.71	14.85	0.00725
0.71	13.44	0.00776	13.44	0.71	0.00514
14.85	-0.71	0.00462	16.26	-2.12	0.00420
17.68	-3.54	0.00383	19.09	-4.95	0.00350

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00307	24.75	-10.61	0.00250
28.28	-14.14	0.00208	35.36	-21.21	0.00151
42.43	-28.28	0.00117	49.50	-35.36	0.00093
56.57	-42.43	0.00075	63.64	-49.50	0.00062
70.71	-56.57	0.00052	77.78	-63.64	0.00044
-56.57	84.85	0.00065	-49.50	77.78	0.00081
-42.43	70.71	0.00103	-35.36	63.64	0.00134

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	56.57	0.00176	-21.21	49.50	0.00232
-14.14	42.43	0.00308	-7.07	35.36	0.00408
-3.54	31.82	0.00469	0.00	28.28	0.00540
2.12	26.16	0.00587	3.54	24.75	0.00622
4.95	23.33	0.00659	6.36	21.92	0.00701
7.78	20.51	0.00749	20.51	7.78	0.00471
21.92	6.36	0.00418	23.33	4.95	0.00375
24.75	3.54	0.00338	26.16	2.12	0.00307
28.28	0.00	0.00267	31.82	-3.54	0.00217
35.36	-7.07	0.00181	42.43	-14.14	0.00134
49.50	-21.21	0.00104	56.57	-28.28	0.00083
63.64	-35.36	0.00067	70.71	-42.43	0.00055
77.78	-49.50	0.00046	84.85	-56.57	0.00039
-49.50	91.92	0.00074	-42.43	84.85	0.00092
-35.36	77.78	0.00117	-28.28	70.71	0.00149
-21.21	63.64	0.00192	-14.14	56.57	0.00247
-7.07	49.50	0.00318	0.00	42.43	0.00410
3.54	38.89	0.00465	7.07	35.36	0.00527
9.19	33.23	0.00567	10.61	31.82	0.00596
12.02	30.41	0.00628	13.44	28.99	0.00664
14.85	27.58	0.00707	27.58	14.85	0.00406
28.99	13.44	0.00355	30.41	12.02	0.00315
31.82	10.61	0.00283	33.23	9.19	0.00257
35.36	7.07	0.00226	38.89	3.54	0.00186
42.43	0.00	0.00157	49.50	-7.07	0.00117
56.57	-14.14	0.00090	63.64	-21.21	0.00072
70.71	-28.28	0.00059	77.78	-35.36	0.00049
84.85	-42.43	0.00041	91.92	-49.50	0.00035
-42.43	98.99	0.00083	-35.36	91.92	0.00103
-28.28	84.85	0.00129	-21.21	77.78	0.00162
-14.14	70.71	0.00205	-7.07	63.64	0.00259
0.00	56.57	0.00327	7.07	49.50	0.00412
10.61	45.96	0.00462	14.14	42.43	0.00515

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 74
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00549	17.68	38.89	0.00573

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

19.09	37.48	0.00598	20.51	36.06	0.00625
21.92	34.65	0.00656	34.65	21.92	0.00323
36.06	20.51	0.00286	37.48	19.09	0.00257
38.89	17.68	0.00234	40.31	16.26	0.00215
42.43	14.14	0.00190	45.96	10.61	0.00159
49.50	7.07	0.00135	56.57	0.00	0.00102
63.64	-7.07	0.00079	70.71	-14.14	0.00064
77.78	-21.21	0.00052	84.85	-28.28	0.00044
91.92	-35.36	0.00037	98.99	-42.43	0.00032
-35.36	106.07	0.00092	-28.28	98.99	0.00113
-21.21	91.92	0.00140	-14.14	84.85	0.00173
-7.07	77.78	0.00215	0.00	70.71	0.00267
7.07	63.64	0.00332	14.14	56.57	0.00413
17.68	53.03	0.00458	21.21	49.50	0.00505
23.33	47.38	0.00534	24.75	45.96	0.00552
26.16	44.55	0.00569	27.58	43.13	0.00584
28.99	41.72	0.00592	41.72	28.99	0.00274
43.13	27.58	0.00248	44.55	26.16	0.00226
45.96	24.75	0.00208	47.38	23.33	0.00192
49.50	21.21	0.00171	53.03	17.68	0.00144
56.57	14.14	0.00123	63.64	7.07	0.00093
70.71	0.00	0.00073	77.78	-7.07	0.00059
84.85	-14.14	0.00049	91.92	-21.21	0.00041
98.99	-28.28	0.00035	106.07	-35.36	0.00030
-28.28	113.14	0.00100	-21.21	106.07	0.00121
-14.14	98.99	0.00147	-7.07	91.92	0.00179
0.00	84.85	0.00219	7.07	77.78	0.00267
14.14	70.71	0.00324	21.21	63.64	0.00385
24.75	60.10	0.00411	28.28	56.57	0.00428
30.41	54.45	0.00430	31.82	53.03	0.00428
33.23	51.62	0.00423	34.65	50.20	0.00415
36.06	48.79	0.00404	48.79	36.06	0.00234
50.20	34.65	0.00217	51.62	33.23	0.00202
53.03	31.82	0.00187	54.45	30.41	0.00174
56.57	28.28	0.00157	60.10	24.75	0.00133
63.64	21.21	0.00114	70.71	14.14	0.00087
77.78	7.07	0.00069	84.85	0.00	0.00056
91.92	-7.07	0.00046	98.99	-14.14	0.00039
106.07	-21.21	0.00033	113.14	-28.28	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-21.21	120.21	0.00105	-14.14	113.14	0.00126	
-7.07	106.07	0.00150	0.00	98.99	0.00180	
7.07	91.92	0.00214	14.14	84.85	0.00253	
21.21	77.78	0.00292	28.28	70.71	0.00319	
31.82	67.18	0.00324	35.36	63.64	0.00321	
37.48	61.52	0.00315	38.89	60.10	0.00309	
40.31	58.69	0.00303	41.72	57.28	0.00295	
43.13	55.86	0.00287	55.86	43.13	0.00192	
57.28	41.72	0.00182	58.69	40.31	0.00172	
60.10	38.89	0.00162	61.52	37.48	0.00153	
63.64	35.36	0.00140	67.18	31.82	0.00121	
70.71	28.28	0.00105	77.78	21.21	0.00081	
84.85	14.14	0.00064	91.92	7.07	0.00052	
98.99	0.00	0.00044	106.07	-7.07	0.00037	
113.14	-14.14	0.00032	120.21	-21.21	0.00027	
-14.14	127.28	0.00108	-7.07	120.21	0.00127	
0.00	113.14	0.00148	7.07	106.07	0.00173	
14.14	98.99	0.00200	21.21	91.92	0.00226	
28.28	84.85	0.00246	35.36	77.78	0.00252	
38.89	74.25	0.00250	42.43	70.71	0.00243	
44.55	68.59	0.00236	45.96	67.18	0.00232	
47.38	65.76	0.00227	48.79	64.35	0.00222	
50.20	62.93	0.00217	62.93	50.20	0.00156	
64.35	48.79	0.00150	65.76	47.38	0.00144	
67.18	45.96	0.00138	68.59	44.55	0.00131	
70.71	42.43	0.00122	74.25	38.89	0.00108	
77.78	35.36	0.00096	84.85	28.28	0.00075	
91.92	21.21	0.00060	98.99	14.14	0.00049	
106.07	7.07	0.00041	113.14	0.00	0.00035	
120.21	-7.07	0.00030	127.28	-14.14	0.00026	
-7.07	134.35	0.00107	0.00	127.28	0.00124	
7.07	120.21	0.00142	14.14	113.14	0.00160	
21.21	106.07	0.00179	28.28	98.99	0.00194	
35.36	91.92	0.00201	42.43	84.85	0.00200	
45.96	81.32	0.00195	49.50	77.78	0.00188	
51.62	75.66	0.00183	53.03	74.25	0.00180	
54.45	72.83	0.00177	55.86	71.42	0.00174	
57.28	70.00	0.00171	70.00	57.28	0.00129	
71.42	55.86	0.00124	72.83	54.45	0.00120	

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

74.25 53.03 0.00116 75.66 51.62 0.00112

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00106	81.32	45.96	0.00096
84.85	42.43	0.00086	91.92	35.36	0.00069
98.99	28.28	0.00056	106.07	21.21	0.00046
113.14	14.14	0.00038	120.21	7.07	0.00033
127.28	0.00	0.00028	134.35	-7.07	0.00025
0.00	141.42	0.00104	7.07	134.35	0.00117
14.14	127.28	0.00131	21.21	120.21	0.00145
28.28	113.14	0.00156	35.36	106.07	0.00163
42.43	98.99	0.00165	49.50	91.92	0.00161
53.03	88.39	0.00156	56.57	84.85	0.00150
58.69	82.73	0.00146	60.10	81.32	0.00144
61.52	79.90	0.00142	62.93	78.49	0.00140
64.35	77.07	0.00138	77.07	64.35	0.00108
78.49	62.93	0.00104	79.90	61.52	0.00101
81.32	60.10	0.00098	82.73	58.69	0.00095
84.85	56.57	0.00091	88.39	53.03	0.00084
91.92	49.50	0.00077	98.99	42.43	0.00063
106.07	35.36	0.00052	113.14	28.28	0.00043
120.21	21.21	0.00036	127.28	14.14	0.00031
134.35	7.07	0.00027	141.42	0.00	0.00023
7.07	148.49	0.00099	14.14	141.42	0.00109
21.21	134.35	0.00119	28.28	127.28	0.00128
35.36	120.21	0.00134	42.43	113.14	0.00138
49.50	106.07	0.00137	56.57	98.99	0.00131
60.10	95.46	0.00127	63.64	91.92	0.00122
65.76	89.80	0.00120	67.18	88.39	0.00119
68.59	86.97	0.00117	70.00	85.56	0.00116
71.42	84.15	0.00114	84.15	71.42	0.00091
85.56	70.00	0.00089	86.97	68.59	0.00086
88.39	67.18	0.00084	89.80	65.76	0.00082
91.92	63.64	0.00079	95.46	60.10	0.00073
98.99	56.57	0.00068	106.07	49.50	0.00057
113.14	42.43	0.00048	120.21	35.36	0.00041

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

127.28	28.28	0.00034	134.35	21.21	0.00029
141.42	14.14	0.00025	148.49	7.07	0.00022
14.14	155.56	0.00092	21.21	148.49	0.00100
28.28	141.42	0.00107	35.36	134.35	0.00112
42.43	127.28	0.00116	49.50	120.21	0.00117
56.57	113.14	0.00114	63.64	106.07	0.00108
67.18	102.53	0.00105	70.71	98.99	0.00102

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00100	74.25	95.46	0.00099
75.66	94.05	0.00098	77.07	92.63	0.00097
78.49	91.22	0.00096	91.22	78.49	0.00078
92.63	77.07	0.00076	94.05	75.66	0.00074
95.46	74.25	0.00072	96.87	72.83	0.00071
98.99	70.71	0.00068	102.53	67.18	0.00064
106.07	63.64	0.00060	113.14	56.57	0.00052
120.21	49.50	0.00045	127.28	42.43	0.00038
134.35	35.36	0.00032	141.42	28.28	0.00028
148.49	21.21	0.00024	155.56	14.14	0.00021
21.21	162.63	0.00085	28.28	155.56	0.00090
35.36	148.49	0.00095	42.43	141.42	0.00098
49.50	134.35	0.00100	56.57	127.28	0.00099
63.64	120.21	0.00096	70.71	113.14	0.00091
74.25	109.60	0.00089	77.78	106.07	0.00086
79.90	103.94	0.00085	81.32	102.53	0.00085
82.73	101.12	0.00084	84.15	99.70	0.00083
85.56	98.29	0.00082	98.29	85.56	0.00068
99.70	84.15	0.00066	101.12	82.73	0.00064
102.53	81.32	0.00063	103.94	79.90	0.00062
106.07	77.78	0.00060	109.60	74.25	0.00057
113.14	70.71	0.00054	120.21	63.64	0.00047
127.28	56.57	0.00041	134.35	49.50	0.00035
141.42	42.43	0.00031	148.49	35.36	0.00026
155.56	28.28	0.00023	162.63	21.21	0.00020
28.28	169.71	0.00077	35.36	162.63	0.00081
42.43	155.56	0.00084	49.50	148.49	0.00086

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

56.57	141.42	0.00087	63.64	134.35	0.00085
70.71	127.28	0.00082	77.78	120.21	0.00078
81.32	116.67	0.00076	84.85	113.14	0.00074
86.97	111.02	0.00073	88.39	109.60	0.00073
89.80	108.19	0.00072	91.22	106.77	0.00071
92.63	105.36	0.00071	105.36	92.63	0.00059
106.77	91.22	0.00058	108.19	89.80	0.00057
109.60	88.39	0.00055	111.02	86.97	0.00054
113.14	84.85	0.00053	116.67	81.32	0.00050
120.21	77.78	0.00048	127.28	70.71	0.00043
134.35	63.64	0.00038	141.42	56.57	0.00033
148.49	49.50	0.00029	155.56	42.43	0.00025
162.63	35.36	0.00022	169.71	28.28	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

*** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00070	42.43	169.71	0.00073
49.50	162.63	0.00075	56.57	155.56	0.00076
63.64	148.49	0.00076	70.71	141.42	0.00074
77.78	134.35	0.00070	84.85	127.28	0.00067
88.39	123.74	0.00066	91.92	120.21	0.00065
94.05	118.09	0.00064	95.46	116.67	0.00063
96.87	115.26	0.00063	98.29	113.84	0.00062
99.70	112.43	0.00062	112.43	99.70	0.00052
113.84	98.29	0.00051	115.26	96.87	0.00050
116.67	95.46	0.00049	118.09	94.05	0.00048
120.21	91.92	0.00047	123.74	88.39	0.00045
127.28	84.85	0.00043	134.35	77.78	0.00039
141.42	70.71	0.00035	148.49	63.64	0.00031
155.56	56.57	0.00027	162.63	49.50	0.00024
169.71	42.43	0.00021	176.78	35.36	0.00019
42.43	183.85	0.00064	49.50	176.78	0.00066
56.57	169.71	0.00067	63.64	162.63	0.00067
70.71	155.56	0.00066	77.78	148.49	0.00064
84.85	141.42	0.00061	91.92	134.35	0.00059
95.46	130.81	0.00058	98.99	127.28	0.00057
101.12	125.16	0.00056	102.53	123.74	0.00056

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

103.94	122.33	0.00055	105.36	120.92	0.00055
106.77	119.50	0.00054	119.50	106.77	0.00046
120.92	105.36	0.00045	122.33	103.94	0.00045
123.74	102.53	0.00044	125.16	101.12	0.00043
127.28	98.99	0.00042	130.81	95.46	0.00040
134.35	91.92	0.00039	141.42	84.85	0.00035
148.49	77.78	0.00032	155.56	70.71	0.00028
162.63	63.64	0.00025	169.71	56.57	0.00023
176.78	49.50	0.00020	183.85	42.43	0.00018
49.50	190.92	0.00058	56.57	183.85	0.00059
63.64	176.78	0.00060	70.71	169.71	0.00060
77.78	162.63	0.00058	84.85	155.56	0.00056
91.92	148.49	0.00054	98.99	141.42	0.00052
102.53	137.89	0.00051	106.07	134.35	0.00050
108.19	132.23	0.00050	109.60	130.81	0.00049
111.02	129.40	0.00049	112.43	127.99	0.00049
113.84	126.57	0.00048	126.57	113.84	0.00041
127.99	112.43	0.00041	129.40	111.02	0.00040
130.81	109.60	0.00039	132.23	108.19	0.00039

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00038	137.89	102.53	0.00036
141.42	98.99	0.00035	148.49	91.92	0.00032
155.56	84.85	0.00029	162.63	77.78	0.00026
169.71	70.71	0.00024	176.78	63.64	0.00021
183.85	56.57	0.00019	190.92	49.50	0.00017
56.57	197.99	0.00053	63.64	190.92	0.00053
70.71	183.85	0.00054	77.78	176.78	0.00053
84.85	169.71	0.00051	91.92	162.63	0.00050
98.99	155.56	0.00048	106.07	148.49	0.00046
109.60	144.96	0.00045	113.14	141.42	0.00045
115.26	139.30	0.00044	116.67	137.89	0.00044
118.09	136.47	0.00044	119.50	135.06	0.00043
120.92	133.64	0.00043	133.64	120.92	0.00037
135.06	119.50	0.00037	136.47	118.09	0.00036
137.89	116.67	0.00035	139.30	115.26	0.00035

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

141.42	113.14	0.00034	144.96	109.60	0.00033
148.49	106.07	0.00032	155.56	98.99	0.00029
162.63	91.92	0.00027	169.71	84.85	0.00025
176.78	77.78	0.00022	183.85	70.71	0.00020
190.92	63.64	0.00018	197.99	56.57	0.00016
63.64	205.06	0.00048	70.71	197.99	0.00048
77.78	190.92	0.00048	84.85	183.85	0.00047
91.92	176.78	0.00046	98.99	169.71	0.00044
106.07	162.63	0.00042	113.14	155.56	0.00041
116.67	152.03	0.00041	120.21	148.49	0.00040
122.33	146.37	0.00040	123.74	144.96	0.00040
125.16	143.54	0.00039	126.57	142.13	0.00039
127.99	140.71	0.00039	140.71	127.99	0.00034
142.13	126.57	0.00033	143.54	125.16	0.00033
144.96	123.74	0.00032	146.37	122.33	0.00032
148.49	120.21	0.00031	152.03	116.67	0.00030
155.56	113.14	0.00029	162.63	106.07	0.00027
169.71	98.99	0.00025	176.78	91.92	0.00023
183.85	84.85	0.00021	190.92	77.78	0.00019
197.99	70.71	0.00017	205.06	63.64	0.00016
70.71	212.13	0.00044	77.78	205.06	0.00044
84.85	197.99	0.00043	91.92	190.92	0.00042
98.99	183.85	0.00041	106.07	176.78	0.00039
113.14	169.71	0.00038	120.21	162.63	0.00037
123.74	159.10	0.00037	127.28	155.56	0.00036

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00036	130.81	152.03	0.00036
132.23	150.61	0.00035	133.64	149.20	0.00035
135.06	147.79	0.00035	147.79	135.06	0.00031
149.20	133.64	0.00030	150.61	132.23	0.00030
152.03	130.81	0.00029	153.44	129.40	0.00029
155.56	127.28	0.00028	159.10	123.74	0.00027
162.63	120.21	0.00026	169.71	113.14	0.00025
176.78	106.07	0.00023	183.85	98.99	0.00021
190.92	91.92	0.00020	197.99	84.85	0.00018

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

205.06	77.78	0.00016	212.13	70.71	0.00015
77.78	219.20	0.00040	84.85	212.13	0.00040
91.92	205.06	0.00039	98.99	197.99	0.00038
106.07	190.92	0.00037	113.14	183.85	0.00036
120.21	176.78	0.00035	127.28	169.71	0.00034
130.81	166.17	0.00033	134.35	162.63	0.00033
136.47	160.51	0.00033	137.89	159.10	0.00032
139.30	157.68	0.00032	140.71	156.27	0.00032
142.13	154.86	0.00032	154.86	142.13	0.00028
156.27	140.71	0.00028	157.68	139.30	0.00027
159.10	137.89	0.00027	160.51	136.47	0.00026
162.63	134.35	0.00026	166.17	130.81	0.00025
169.71	127.28	0.00024	176.78	120.21	0.00023
183.85	113.14	0.00022	190.92	106.07	0.00020
197.99	98.99	0.00018	205.06	91.92	0.00017
212.13	84.85	0.00015	219.20	77.78	0.00014
84.85	226.27	0.00037	91.92	219.20	0.00036
98.99	212.13	0.00036	106.07	205.06	0.00034
113.14	197.99	0.00033	120.21	190.92	0.00032
127.28	183.85	0.00031	134.35	176.78	0.00031
137.89	173.24	0.00030	141.42	169.71	0.00030
143.54	167.58	0.00030	144.96	166.17	0.00030
146.37	164.76	0.00029	147.79	163.34	0.00029
149.20	161.93	0.00029	161.93	149.20	0.00026
163.34	147.79	0.00025	164.76	146.37	0.00025
166.17	144.96	0.00025	167.58	143.54	0.00024
169.71	141.42	0.00024	173.24	137.89	0.00023
176.78	134.35	0.00022	183.85	127.28	0.00021
190.92	120.21	0.00020	197.99	113.14	0.00019
205.06	106.07	0.00017	212.13	98.99	0.00016
219.20	91.92	0.00015	226.27	84.85	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00034	98.99	226.27	0.00033
106.07	219.20	0.00032	113.14	212.13	0.00031
120.21	205.06	0.00030	127.28	197.99	0.00029

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

134.35	190.92	0.00029	141.42	183.85	0.00028
144.96	180.31	0.00028	148.49	176.78	0.00028
150.61	174.66	0.00027	152.03	173.24	0.00027
153.44	171.83	0.00027	154.86	170.41	0.00027
156.27	169.00	0.00026	169.00	156.27	0.00024
170.41	154.86	0.00023	171.83	153.44	0.00023
173.24	152.03	0.00023	174.66	150.61	0.00022
176.78	148.49	0.00022	180.31	144.96	0.00021
183.85	141.42	0.00021	190.92	134.35	0.00020
197.99	127.28	0.00019	205.06	120.21	0.00018
212.13	113.14	0.00016	219.20	106.07	0.00015
226.27	98.99	0.00014	233.35	91.92	0.00013
98.99	240.42	0.00031	106.07	233.35	0.00030
113.14	226.27	0.00029	120.21	219.20	0.00029
127.28	212.13	0.00028	134.35	205.06	0.00027
141.42	197.99	0.00026	148.49	190.92	0.00026
152.03	187.38	0.00026	155.56	183.85	0.00025
157.68	181.73	0.00025	159.10	180.31	0.00025
160.51	178.90	0.00025	161.93	177.48	0.00025
163.34	176.07	0.00024	176.07	163.34	0.00022
177.48	161.93	0.00022	178.90	160.51	0.00021
180.31	159.10	0.00021	181.73	157.68	0.00021
183.85	155.56	0.00020	187.38	152.03	0.00020
190.92	148.49	0.00019	197.99	141.42	0.00018
205.06	134.35	0.00017	212.13	127.28	0.00016
219.20	120.21	0.00015	226.27	113.14	0.00014
233.35	106.07	0.00013	240.42	98.99	0.00012
106.07	247.49	0.00028	113.14	240.42	0.00028
120.21	233.35	0.00027	127.28	226.27	0.00026
134.35	219.20	0.00025	141.42	212.13	0.00025
148.49	205.06	0.00024	155.56	197.99	0.00024
159.10	194.45	0.00024	162.63	190.92	0.00023
164.76	188.80	0.00023	166.17	187.38	0.00023
167.58	185.97	0.00023	169.00	184.55	0.00023
170.41	183.14	0.00022	183.14	170.41	0.00020
184.55	169.00	0.00020	185.97	167.58	0.00020
187.38	166.17	0.00020	188.80	164.76	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00019	194.45	159.10	0.00018
197.99	155.56	0.00018	205.06	148.49	0.00017
212.13	141.42	0.00016	219.20	134.35	0.00015
226.27	127.28	0.00015	233.35	120.21	0.00014
240.42	113.14	0.00013	247.49	106.07	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00041	-240.42	-113.14	0.00046
-233.35	-120.21	0.00051	-226.27	-127.28	0.00056
-219.20	-134.35	0.00061	-212.13	-141.42	0.00065
-205.06	-148.49	0.00069	-197.99	-155.56	0.00073
-194.45	-159.10	0.00075	-190.92	-162.63	0.00077
-188.80	-164.76	0.00079	-187.38	-166.17	0.00079
-185.97	-167.58	0.00080	-184.55	-169.00	0.00080
-183.14	-170.41	0.00081	-170.41	-183.14	0.00082
-169.00	-184.55	0.00082	-167.58	-185.97	0.00082
-166.17	-187.38	0.00081	-164.76	-188.80	0.00081
-162.63	-190.92	0.00080	-159.10	-194.45	0.00079
-155.56	-197.99	0.00078	-148.49	-205.06	0.00075
-141.42	-212.13	0.00073	-134.35	-219.20	0.00071
-127.28	-226.27	0.00068	-120.21	-233.35	0.00065
-113.14	-240.42	0.00061	-106.07	-247.49	0.00056
-240.42	-98.99	0.00042	-233.35	-106.07	0.00048
-226.27	-113.14	0.00054	-219.20	-120.21	0.00060
-212.13	-127.28	0.00066	-205.06	-134.35	0.00071
-197.99	-141.42	0.00076	-190.92	-148.49	0.00081
-187.38	-152.03	0.00084	-183.85	-155.56	0.00086
-181.73	-157.68	0.00088	-180.31	-159.10	0.00089
-178.90	-160.51	0.00089	-177.48	-161.93	0.00090
-176.07	-163.34	0.00091	-163.34	-176.07	0.00092
-161.93	-177.48	0.00092	-160.51	-178.90	0.00092
-159.10	-180.31	0.00091	-157.68	-181.73	0.00091
-155.56	-183.85	0.00090	-152.03	-187.38	0.00088

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-148.49	-190.92	0.00087	-141.42	-197.99	0.00083
-134.35	-205.06	0.00081	-127.28	-212.13	0.00078
-120.21	-219.20	0.00075	-113.14	-226.27	0.00070
-106.07	-233.35	0.00064	-98.99	-240.42	0.00058
-233.35	-91.92	0.00044	-226.27	-99.00	0.00050
-219.20	-106.07	0.00056	-212.13	-113.14	0.00064
-205.06	-120.21	0.00071	-197.99	-127.28	0.00078
-190.92	-134.35	0.00084	-183.85	-141.42	0.00090
-180.31	-144.96	0.00094	-176.78	-148.49	0.00097
-174.66	-150.61	0.00099	-173.24	-152.03	0.00100
-171.83	-153.44	0.00101	-170.41	-154.86	0.00102
-169.00	-156.27	0.00102	-156.27	-169.00	0.00104
-154.86	-170.41	0.00104	-153.44	-171.83	0.00104
-152.03	-173.24	0.00103	-150.61	-174.66	0.00102

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00101	-144.96	-180.31	0.00099
-141.42	-183.85	0.00097	-134.35	-190.92	0.00094
-127.28	-197.99	0.00091	-120.21	-205.06	0.00087
-113.14	-212.13	0.00082	-106.07	-219.20	0.00075
-98.99	-226.27	0.00068	-91.92	-233.35	0.00060
-226.27	-84.85	0.00046	-219.20	-91.92	0.00052
-212.13	-99.00	0.00059	-205.06	-106.07	0.00068
-197.99	-113.14	0.00077	-190.92	-120.21	0.00086
-183.85	-127.28	0.00094	-176.78	-134.35	0.00101
-173.24	-137.89	0.00105	-169.71	-141.42	0.00109
-167.58	-143.54	0.00111	-166.17	-144.96	0.00113
-164.76	-146.37	0.00114	-163.34	-147.79	0.00115
-161.93	-149.20	0.00116	-149.20	-161.93	0.00119
-147.79	-163.34	0.00118	-146.37	-164.76	0.00118
-144.96	-166.17	0.00117	-143.54	-167.58	0.00116
-141.42	-169.71	0.00115	-137.89	-173.24	0.00112
-134.35	-176.78	0.00110	-127.28	-183.85	0.00106
-120.21	-190.92	0.00102	-113.14	-197.99	0.00097
-106.07	-205.06	0.00089	-98.99	-212.13	0.00080
-91.92	-219.20	0.00071	-84.85	-226.27	0.00062

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-219.20	-77.78	0.00047	-212.13	-84.85	0.00054
-205.06	-91.92	0.00062	-197.99	-99.00	0.00072
-190.92	-106.07	0.00082	-183.85	-113.14	0.00094
-176.78	-120.21	0.00105	-169.71	-127.28	0.00114
-166.17	-130.81	0.00119	-162.63	-134.35	0.00124
-160.51	-136.47	0.00127	-159.10	-137.89	0.00129
-157.68	-139.30	0.00130	-156.27	-140.71	0.00132
-154.86	-142.13	0.00133	-142.13	-154.86	0.00137
-140.71	-156.27	0.00136	-139.30	-157.68	0.00135
-137.89	-159.10	0.00134	-136.47	-160.51	0.00133
-134.35	-162.63	0.00131	-130.81	-166.17	0.00128
-127.28	-169.71	0.00126	-120.21	-176.78	0.00121
-113.14	-183.85	0.00115	-106.07	-190.92	0.00106
-98.99	-197.99	0.00096	-91.92	-205.06	0.00084
-84.85	-212.13	0.00073	-77.78	-219.20	0.00064
-212.13	-70.71	0.00049	-205.06	-77.78	0.00056
-197.99	-84.85	0.00065	-190.92	-91.92	0.00076
-183.85	-98.99	0.00088	-176.78	-106.07	0.00102
-169.71	-113.14	0.00116	-162.63	-120.21	0.00130
-159.10	-123.74	0.00135	-155.56	-127.28	0.00141

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00145	-152.03	-130.81	0.00148
-150.61	-132.23	0.00150	-149.20	-133.64	0.00152
-147.79	-135.06	0.00154	-135.06	-147.79	0.00158
-133.64	-149.20	0.00157	-132.23	-150.61	0.00156
-130.81	-152.03	0.00155	-129.40	-153.44	0.00153
-127.28	-155.56	0.00151	-123.74	-159.10	0.00148
-120.21	-162.63	0.00145	-113.14	-169.71	0.00138
-106.07	-176.78	0.00129	-98.99	-183.85	0.00116
-91.92	-190.92	0.00102	-84.85	-197.99	0.00088
-77.78	-205.06	0.00075	-70.71	-212.13	0.00065
-205.06	-63.64	0.00050	-197.99	-70.71	0.00058
-190.92	-77.78	0.00068	-183.85	-84.85	0.00080
-176.78	-91.92	0.00094	-169.71	-98.99	0.00110
-162.63	-106.07	0.00129	-155.56	-113.14	0.00147

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-152.03	-116.67	0.00155	-148.49	-120.21	0.00162
-146.37	-122.33	0.00167	-144.96	-123.74	0.00170
-143.54	-125.16	0.00173	-142.13	-126.57	0.00176
-140.71	-127.99	0.00179	-127.99	-140.71	0.00185
-126.57	-142.13	0.00184	-125.16	-143.54	0.00182
-123.74	-144.96	0.00180	-122.33	-146.37	0.00179
-120.21	-148.49	0.00176	-116.67	-152.03	0.00172
-113.14	-155.56	0.00168	-106.07	-162.63	0.00158
-98.99	-169.71	0.00142	-91.92	-176.78	0.00124
-84.85	-183.85	0.00107	-77.78	-190.92	0.00091
-70.71	-197.99	0.00077	-63.64	-205.06	0.00065
-197.99	-56.57	0.00051	-190.92	-63.64	0.00060
-183.85	-70.71	0.00070	-176.78	-77.78	0.00083
-169.71	-84.85	0.00099	-162.63	-91.92	0.00119
-155.56	-98.99	0.00141	-148.49	-106.07	0.00165
-144.96	-109.60	0.00177	-141.42	-113.14	0.00187
-139.30	-115.26	0.00194	-137.89	-116.67	0.00198
-136.47	-118.09	0.00202	-135.06	-119.50	0.00206
-133.64	-120.92	0.00209	-120.92	-133.64	0.00218
-119.50	-135.06	0.00216	-118.09	-136.47	0.00214
-116.67	-137.89	0.00212	-115.26	-139.30	0.00210
-113.14	-141.42	0.00207	-109.60	-144.96	0.00202
-106.07	-148.49	0.00196	-98.99	-155.56	0.00178
-91.92	-162.63	0.00155	-84.85	-169.71	0.00132
-77.78	-176.78	0.00111	-70.71	-183.85	0.00093
-63.64	-190.92	0.00078	-56.57	-197.99	0.00066

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00051	-183.85	-56.57	0.00060
-176.78	-63.64	0.00071	-169.71	-70.71	0.00086
-162.63	-77.78	0.00104	-155.56	-84.85	0.00126
-148.49	-91.92	0.00153	-141.42	-98.99	0.00183
-137.89	-102.53	0.00200	-134.35	-106.07	0.00216
-132.23	-108.19	0.00225	-130.81	-109.60	0.00230
-129.40	-111.02	0.00235	-127.99	-112.43	0.00241
-126.57	-113.84	0.00246	-113.84	-126.57	0.00259

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-112.43	-127.99	0.00256	-111.02	-129.40	0.00254
-109.60	-130.81	0.00251	-108.19	-132.23	0.00249
-106.07	-134.35	0.00246	-102.53	-137.89	0.00238
-98.99	-141.42	0.00226	-91.92	-148.49	0.00196
-84.85	-155.56	0.00165	-77.78	-162.63	0.00137
-70.71	-169.71	0.00114	-63.64	-176.78	0.00094
-56.57	-183.85	0.00079	-49.50	-190.92	0.00067
-183.85	-42.43	0.00050	-176.78	-49.50	0.00060
-169.71	-56.57	0.00072	-162.63	-63.64	0.00087
-155.56	-70.71	0.00106	-148.49	-77.78	0.00132
-141.42	-84.85	0.00163	-134.35	-91.92	0.00201
-130.81	-95.46	0.00222	-127.28	-98.99	0.00245
-125.16	-101.12	0.00258	-123.74	-102.53	0.00266
-122.33	-103.94	0.00275	-120.92	-105.36	0.00282
-119.50	-106.77	0.00290	-106.77	-119.50	0.00310
-105.36	-120.92	0.00308	-103.94	-122.33	0.00305
-102.53	-123.74	0.00302	-101.12	-125.16	0.00298
-98.99	-127.28	0.00290	-95.46	-130.81	0.00273
-91.92	-134.35	0.00252	-84.85	-141.42	0.00211
-77.78	-148.49	0.00174	-70.71	-155.56	0.00142
-63.64	-162.63	0.00116	-56.57	-169.71	0.00096
-49.50	-176.78	0.00080	-42.43	-183.85	0.00067
-176.78	-35.36	0.00049	-169.71	-42.43	0.00059
-162.63	-49.50	0.00071	-155.56	-56.57	0.00086
-148.49	-63.64	0.00106	-141.42	-70.71	0.00134
-134.35	-77.78	0.00169	-127.28	-84.85	0.00214
-123.74	-88.39	0.00241	-120.21	-91.92	0.00270
-118.09	-94.05	0.00289	-116.67	-95.46	0.00302
-115.26	-96.87	0.00316	-113.84	-98.29	0.00328
-112.43	-99.70	0.00341	-99.70	-112.43	0.00379
-98.29	-113.84	0.00373	-96.87	-115.26	0.00366
-95.46	-116.67	0.00358	-94.05	-118.09	0.00347

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00330	-88.39	-123.74	0.00302
-84.85	-127.28	0.00273	-77.78	-134.35	0.00223

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-70.71	-141.42	0.00180	-63.64	-148.49	0.00145
-56.57	-155.56	0.00117	-49.50	-162.63	0.00096
-42.43	-169.71	0.00079	-35.36	-176.78	0.00067
-169.71	-28.28	0.00047	-162.63	-35.36	0.00057
-155.56	-42.43	0.00069	-148.49	-49.50	0.00084
-141.42	-56.57	0.00105	-134.35	-63.64	0.00132
-127.28	-70.71	0.00169	-120.21	-77.78	0.00219
-116.67	-81.32	0.00249	-113.14	-84.85	0.00285
-111.02	-86.97	0.00309	-109.60	-88.39	0.00327
-108.19	-89.80	0.00347	-106.77	-91.22	0.00370
-105.36	-92.63	0.00395	-92.63	-105.36	0.00458
-91.22	-106.77	0.00438	-89.80	-108.19	0.00419
-88.39	-109.60	0.00402	-86.97	-111.02	0.00385
-84.85	-113.14	0.00361	-81.32	-116.67	0.00323
-77.78	-120.21	0.00289	-70.71	-127.28	0.00231
-63.64	-134.35	0.00183	-56.57	-141.42	0.00145
-49.50	-148.49	0.00116	-42.43	-155.56	0.00094
-35.36	-162.63	0.00077	-28.28	-169.71	0.00065
-162.63	-21.21	0.00046	-155.56	-28.28	0.00055
-148.49	-35.36	0.00067	-141.42	-42.43	0.00082
-134.35	-49.50	0.00102	-127.28	-56.57	0.00129
-120.21	-63.64	0.00168	-113.14	-70.71	0.00220
-109.60	-74.25	0.00253	-106.07	-77.78	0.00293
-103.94	-79.90	0.00322	-102.53	-81.32	0.00345
-101.12	-82.73	0.00372	-99.70	-84.15	0.00407
-98.29	-85.56	0.00455	-85.56	-98.29	0.00497
-84.15	-99.70	0.00467	-82.73	-101.12	0.00441
-81.32	-102.53	0.00419	-79.90	-103.94	0.00398
-77.78	-106.07	0.00370	-74.25	-109.60	0.00328
-70.71	-113.14	0.00291	-63.64	-120.21	0.00227
-56.57	-127.28	0.00177	-49.50	-134.35	0.00139
-42.43	-141.42	0.00111	-35.36	-148.49	0.00090
-28.28	-155.56	0.00074	-21.21	-162.63	0.00062
-155.56	-14.14	0.00044	-148.49	-21.21	0.00053
-141.42	-28.28	0.00065	-134.35	-35.36	0.00081
-127.28	-42.43	0.00102	-120.21	-49.50	0.00131
-113.14	-56.57	0.00175	-106.07	-63.64	0.00243
-102.53	-67.18	0.00293	-98.99	-70.71	0.00362

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-96.87	-72.83	0.00416	-95.46	-74.25	0.00459	
-94.05	-75.66	0.00507	-92.63	-77.07	0.00563	
-91.22	-78.49	0.00630	-78.49	-91.22	0.00521	
-77.07	-92.63	0.00482	-75.66	-94.05	0.00450	
-74.25	-95.46	0.00424	-72.83	-96.87	0.00401	
-70.71	-98.99	0.00370	-67.18	-102.53	0.00325	
-63.64	-106.07	0.00285	-56.57	-113.14	0.00218	
-49.50	-120.21	0.00167	-42.43	-127.28	0.00130	
-35.36	-134.35	0.00104	-28.28	-141.42	0.00084	
-21.21	-148.49	0.00070	-14.14	-155.56	0.00059	
-148.49	-7.07	0.00044	-141.42	-14.14	0.00054	
-134.35	-21.21	0.00066	-127.28	-28.28	0.00084	
-120.21	-35.36	0.00108	-113.14	-42.43	0.00144	
-106.07	-49.50	0.00201	-98.99	-56.57	0.00298	
-95.46	-60.10	0.00368	-91.92	-63.64	0.00455	
-89.80	-65.76	0.00517	-88.39	-67.18	0.00562	
-86.97	-68.59	0.00611	-85.56	-70.00	0.00665	
-84.15	-71.42	0.00727	-71.42	-84.15	0.00542	
-70.00	-85.56	0.00496	-68.59	-86.97	0.00459	
-67.18	-88.39	0.00428	-65.76	-89.80	0.00401	
-63.64	-91.92	0.00366	-60.10	-95.46	0.00316	
-56.57	-98.99	0.00274	-49.50	-106.07	0.00206	
-42.43	-113.14	0.00156	-35.36	-120.21	0.00121	
-28.28	-127.28	0.00097	-21.21	-134.35	0.00079	
-14.14	-141.42	0.00066	-7.07	-148.49	0.00055	
-141.42	0.00	0.00046	-134.35	-7.07	0.00056	
-127.28	-14.14	0.00071	-120.21	-21.21	0.00092	
-113.14	-28.28	0.00122	-106.07	-35.36	0.00167	
-98.99	-42.43	0.00238	-91.92	-49.50	0.00349	
-88.39	-53.03	0.00424	-84.85	-56.57	0.00513	
-82.73	-58.69	0.00574	-81.32	-60.10	0.00617	
-79.90	-61.52	0.00664	-78.49	-62.93	0.00714	
-77.07	-64.35	0.00772	-64.35	-77.07	0.00549	
-62.93	-78.49	0.00499	-61.52	-79.90	0.00459	
-60.10	-81.32	0.00425	-58.69	-82.73	0.00395	
-56.57	-84.85	0.00357	-53.03	-88.39	0.00302	
-49.50	-91.92	0.00257	-42.43	-98.99	0.00189	
-35.36	-106.07	0.00143	-28.28	-113.14	0.00112	
-21.21	-120.21	0.00090	-14.14	-127.28	0.00074	
-7.07	-134.35	0.00061	0.00	-141.42	0.00052	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

17:53:19

**MODELOPTs:

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*** Maximum train overlap at NE/SW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00050	-127.28	0.00	0.00062
-120.21	-7.07	0.00079	-113.14	-14.14	0.00104
-106.07	-21.21	0.00140	-98.99	-28.28	0.00193
-91.92	-35.36	0.00271	-84.85	-42.43	0.00383
-81.32	-45.96	0.00455	-77.78	-49.50	0.00541
-75.66	-51.62	0.00598	-74.25	-53.03	0.00639
-72.83	-54.45	0.00683	-71.42	-55.86	0.00731
-70.00	-57.28	0.00785	-57.28	-70.00	0.00540
-55.86	-71.42	0.00488	-54.45	-72.83	0.00447
-53.03	-74.25	0.00411	-51.62	-75.66	0.00379
-49.50	-77.78	0.00338	-45.96	-81.32	0.00280
-42.43	-84.85	0.00234	-35.36	-91.92	0.00170
-28.28	-98.99	0.00130	-21.21	-106.07	0.00103
-14.14	-113.14	0.00083	-7.07	-120.21	0.00068
0.00	-127.28	0.00057	7.07	-134.35	0.00048
-127.28	14.14	0.00056	-120.21	7.07	0.00071
-113.14	0.00	0.00090	-106.07	-7.07	0.00118
-98.99	-14.14	0.00158	-91.92	-21.21	0.00215
-84.85	-28.28	0.00294	-77.78	-35.36	0.00401
-74.25	-38.89	0.00468	-70.71	-42.43	0.00547
-68.59	-44.55	0.00600	-67.18	-45.96	0.00639
-65.76	-47.38	0.00680	-64.35	-48.79	0.00725
-62.93	-50.20	0.00776	-50.20	-62.93	0.00514
-48.79	-64.35	0.00462	-47.38	-65.76	0.00420
-45.96	-67.18	0.00383	-44.55	-68.59	0.00350
-42.43	-70.71	0.00307	-38.89	-74.25	0.00250
-35.36	-77.78	0.00208	-28.28	-84.85	0.00151
-21.21	-91.92	0.00117	-14.14	-98.99	0.00093
-7.07	-106.07	0.00075	0.00	-113.14	0.00062
7.07	-120.21	0.00052	14.14	-127.28	0.00044
-120.21	21.21	0.00065	-113.14	14.14	0.00081
-106.07	7.07	0.00103	-98.99	0.00	0.00134
-91.92	-7.07	0.00176	-84.85	-14.14	0.00232
-77.78	-21.21	0.00308	-70.71	-28.28	0.00408

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-67.18	-31.82	0.00469	-63.64	-35.36	0.00540
-61.52	-37.48	0.00587	-60.10	-38.89	0.00622
-58.69	-40.31	0.00659	-57.28	-41.72	0.00701
-55.86	-43.13	0.00749	-43.13	-55.86	0.00471
-41.72	-57.28	0.00418	-40.31	-58.69	0.00375
-38.89	-60.10	0.00338	-37.48	-61.52	0.00307

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 90
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00267	-31.82	-67.18	0.00217
-28.28	-70.71	0.00181	-21.21	-77.78	0.00134
-14.14	-84.85	0.00104	-7.07	-91.92	0.00083
0.00	-98.99	0.00067	7.07	-106.07	0.00055
14.14	-113.14	0.00046	21.21	-120.21	0.00039
-113.14	28.28	0.00074	-106.07	21.21	0.00092
-98.99	14.14	0.00117	-91.92	7.07	0.00149
-84.85	0.00	0.00192	-77.78	-7.07	0.00247
-70.71	-14.14	0.00318	-63.64	-21.21	0.00410
-60.10	-24.75	0.00465	-56.57	-28.28	0.00527
-54.45	-30.41	0.00567	-53.03	-31.82	0.00596
-51.62	-33.23	0.00628	-50.20	-34.65	0.00664
-48.79	-36.06	0.00707	-36.06	-48.79	0.00406
-34.65	-50.20	0.00355	-33.23	-51.62	0.00315
-31.82	-53.03	0.00283	-30.41	-54.45	0.00257
-28.28	-56.57	0.00226	-24.75	-60.10	0.00186
-21.21	-63.64	0.00157	-14.14	-70.71	0.00117
-7.07	-77.78	0.00090	0.00	-84.85	0.00072
7.07	-91.92	0.00059	14.14	-98.99	0.00049
21.21	-106.07	0.00041	28.28	-113.14	0.00035
-106.07	35.36	0.00083	-98.99	28.28	0.00103
-91.92	21.21	0.00129	-84.85	14.14	0.00162
-77.78	7.07	0.00205	-70.71	0.00	0.00259
-63.64	-7.07	0.00327	-56.57	-14.14	0.00412
-53.03	-17.68	0.00462	-49.50	-21.21	0.00515
-47.38	-23.33	0.00549	-45.96	-24.75	0.00573
-44.55	-26.16	0.00598	-43.13	-27.58	0.00625
-41.72	-28.99	0.00656	-28.99	-41.72	0.00323

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-27.58	-43.13	0.00286	-26.16	-44.55	0.00257
-24.75	-45.96	0.00234	-23.33	-47.38	0.00215
-21.21	-49.50	0.00190	-17.68	-53.03	0.00159
-14.14	-56.57	0.00135	-7.07	-63.64	0.00102
0.00	-70.71	0.00079	7.07	-77.78	0.00064
14.14	-84.85	0.00052	21.21	-91.92	0.00044
28.28	-98.99	0.00037	35.36	-106.07	0.00032
-98.99	42.43	0.00092	-91.92	35.36	0.00113
-84.85	28.28	0.00140	-77.78	21.21	0.00173
-70.71	14.14	0.00215	-63.64	7.07	0.00267
-56.57	0.00	0.00332	-49.50	-7.07	0.00413
-45.96	-10.61	0.00458	-42.43	-14.14	0.00505

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 91

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00534	-38.89	-17.68	0.00552
-37.48	-19.09	0.00569	-36.06	-20.51	0.00584
-34.65	-21.92	0.00592	-21.92	-34.65	0.00274
-20.51	-36.06	0.00248	-19.09	-37.48	0.00226
-17.68	-38.89	0.00208	-16.26	-40.31	0.00192
-14.14	-42.43	0.00171	-10.61	-45.96	0.00144
-7.07	-49.50	0.00123	0.00	-56.57	0.00093
7.07	-63.64	0.00073	14.14	-70.71	0.00059
21.21	-77.78	0.00049	28.28	-84.85	0.00041
35.36	-91.92	0.00035	42.43	-98.99	0.00030
-91.92	49.50	0.00100	-84.85	42.43	0.00121
-77.78	35.36	0.00147	-70.71	28.28	0.00179
-63.64	21.21	0.00219	-56.57	14.14	0.00267
-49.50	7.07	0.00324	-42.43	0.00	0.00385
-38.89	-3.54	0.00411	-35.36	-7.07	0.00428
-33.23	-9.19	0.00430	-31.82	-10.61	0.00428
-30.41	-12.02	0.00423	-28.99	-13.44	0.00415
-27.58	-14.85	0.00404	-14.85	-27.58	0.00234
-13.44	-28.99	0.00217	-12.02	-30.41	0.00202
-10.61	-31.82	0.00187	-9.19	-33.23	0.00174
-7.07	-35.36	0.00157	-3.54	-38.89	0.00133
0.00	-42.43	0.00114	7.07	-49.50	0.00087

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

14.14	-56.57	0.00069	21.21	-63.64	0.00056
28.28	-70.71	0.00046	35.36	-77.78	0.00039
42.43	-84.85	0.00033	49.50	-91.92	0.00029
-84.85	56.57	0.00105	-77.78	49.50	0.00126
-70.71	42.43	0.00150	-63.64	35.36	0.00180
-56.57	28.28	0.00214	-49.50	21.21	0.00253
-42.43	14.14	0.00292	-35.36	7.07	0.00319
-31.82	3.54	0.00324	-28.28	0.00	0.00321
-26.16	-2.12	0.00315	-24.75	-3.54	0.00309
-23.33	-4.95	0.00303	-21.92	-6.36	0.00295
-20.51	-7.78	0.00287	-7.78	-20.51	0.00192
-6.36	-21.92	0.00182	-4.95	-23.33	0.00172
-3.54	-24.75	0.00162	-2.12	-26.16	0.00153
0.00	-28.28	0.00140	3.54	-31.82	0.00121
7.07	-35.36	0.00105	14.14	-42.43	0.00081
21.21	-49.50	0.00064	28.28	-56.57	0.00052
35.36	-63.64	0.00044	42.43	-70.71	0.00037
49.50	-77.78	0.00032	56.57	-84.85	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00108	-70.71	56.57	0.00127
-63.64	49.50	0.00148	-56.57	42.43	0.00173
-49.50	35.36	0.00200	-42.43	28.28	0.00226
-35.36	21.21	0.00246	-28.28	14.14	0.00252
-24.75	10.61	0.00250	-21.21	7.07	0.00243
-19.09	4.95	0.00236	-17.68	3.54	0.00232
-16.26	2.12	0.00227	-14.85	0.71	0.00222
-13.44	-0.71	0.00217	-0.71	-13.44	0.00156
0.71	-14.85	0.00150	2.12	-16.26	0.00144
3.54	-17.68	0.00138	4.95	-19.09	0.00131
7.07	-21.21	0.00122	10.61	-24.75	0.00108
14.14	-28.28	0.00096	21.21	-35.36	0.00075
28.28	-42.43	0.00060	35.36	-49.50	0.00049
42.43	-56.57	0.00041	49.50	-63.64	0.00035
56.57	-70.71	0.00030	63.64	-77.78	0.00026
-70.71	70.71	0.00107	-63.64	63.64	0.00124

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-56.57	56.57	0.00142	-49.50	49.50	0.00160
-42.43	42.43	0.00179	-35.36	35.36	0.00194
-28.28	28.28	0.00201	-21.21	21.21	0.00200
-17.68	17.68	0.00195	-14.14	14.14	0.00188
-12.02	12.02	0.00183	-10.61	10.61	0.00180
-9.19	9.19	0.00177	-7.78	7.78	0.00174
-6.36	6.36	0.00171	6.36	-6.36	0.00129
7.78	-7.78	0.00124	9.19	-9.19	0.00120
10.61	-10.61	0.00116	12.02	-12.02	0.00112
14.14	-14.14	0.00106	17.68	-17.68	0.00096
21.21	-21.21	0.00086	28.28	-28.28	0.00069
35.36	-35.36	0.00056	42.43	-42.43	0.00046
49.50	-49.50	0.00038	56.57	-56.57	0.00033
63.64	-63.64	0.00028	70.71	-70.71	0.00025
-63.64	77.78	0.00104	-56.57	70.71	0.00117
-49.50	63.64	0.00131	-42.43	56.57	0.00145
-35.36	49.50	0.00156	-28.28	42.43	0.00163
-21.21	35.36	0.00165	-14.14	28.28	0.00161
-10.61	24.75	0.00156	-7.07	21.21	0.00150
-4.95	19.09	0.00146	-3.54	17.68	0.00144
-2.12	16.26	0.00142	-0.71	14.85	0.00140
0.71	13.44	0.00138	13.44	0.71	0.00108
14.85	-0.71	0.00104	16.26	-2.12	0.00101
17.68	-3.54	0.00098	19.09	-4.95	0.00095

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 93
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00091	24.75	-10.61	0.00084
28.28	-14.14	0.00077	35.36	-21.21	0.00063
42.43	-28.28	0.00052	49.50	-35.36	0.00043
56.57	-42.43	0.00036	63.64	-49.50	0.00031
70.71	-56.57	0.00027	77.78	-63.64	0.00023
-56.57	84.85	0.00099	-49.50	77.78	0.00109
-42.43	70.71	0.00119	-35.36	63.64	0.00128
-28.28	56.57	0.00134	-21.21	49.50	0.00138
-14.14	42.43	0.00137	-7.07	35.36	0.00131
-3.54	31.82	0.00127	0.00	28.28	0.00122

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

2.12	26.16	0.00120	3.54	24.75	0.00119
4.95	23.33	0.00117	6.36	21.92	0.00116
7.78	20.51	0.00114	20.51	7.78	0.00091
21.92	6.36	0.00089	23.33	4.95	0.00086
24.75	3.54	0.00084	26.16	2.12	0.00082
28.28	0.00	0.00079	31.82	-3.54	0.00073
35.36	-7.07	0.00068	42.43	-14.14	0.00057
49.50	-21.21	0.00048	56.57	-28.28	0.00041
63.64	-35.36	0.00034	70.71	-42.43	0.00029
77.78	-49.50	0.00025	84.85	-56.57	0.00022
-49.50	91.92	0.00092	-42.43	84.85	0.00100
-35.36	77.78	0.00107	-28.28	70.71	0.00112
-21.21	63.64	0.00116	-14.14	56.57	0.00117
-7.07	49.50	0.00114	0.00	42.43	0.00108
3.54	38.89	0.00105	7.07	35.36	0.00102
9.19	33.23	0.00100	10.61	31.82	0.00099
12.02	30.41	0.00098	13.44	28.99	0.00097
14.85	27.58	0.00096	27.58	14.85	0.00078
28.99	13.44	0.00076	30.41	12.02	0.00074
31.82	10.61	0.00072	33.23	9.19	0.00071
35.36	7.07	0.00068	38.89	3.54	0.00064
42.43	0.00	0.00060	49.50	-7.07	0.00052
56.57	-14.14	0.00045	63.64	-21.21	0.00038
70.71	-28.28	0.00032	77.78	-35.36	0.00028
84.85	-42.43	0.00024	91.92	-49.50	0.00021
-42.43	98.99	0.00085	-35.36	91.92	0.00090
-28.28	84.85	0.00095	-21.21	77.78	0.00098
-14.14	70.71	0.00100	-7.07	63.64	0.00099
0.00	56.57	0.00096	7.07	49.50	0.00091
10.61	45.96	0.00089	14.14	42.43	0.00086

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 94
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00085	17.68	38.89	0.00085
19.09	37.48	0.00084	20.51	36.06	0.00083
21.92	34.65	0.00082	34.65	21.92	0.00068
36.06	20.51	0.00066	37.48	19.09	0.00064

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

38.89	17.68	0.00063	40.31	16.26	0.00062
42.43	14.14	0.00060	45.96	10.61	0.00057
49.50	7.07	0.00054	56.57	0.00	0.00047
63.64	-7.07	0.00041	70.71	-14.14	0.00035
77.78	-21.21	0.00031	84.85	-28.28	0.00026
91.92	-35.36	0.00023	98.99	-42.43	0.00020
-35.36	106.07	0.00077	-28.28	98.99	0.00081
-21.21	91.92	0.00084	-14.14	84.85	0.00086
-7.07	77.78	0.00087	0.00	70.71	0.00085
7.07	63.64	0.00082	14.14	56.57	0.00078
17.68	53.03	0.00076	21.21	49.50	0.00074
23.33	47.38	0.00073	24.75	45.96	0.00073
26.16	44.55	0.00072	27.58	43.13	0.00071
28.99	41.72	0.00071	41.72	28.99	0.00059
43.13	27.58	0.00058	44.55	26.16	0.00057
45.96	24.75	0.00055	47.38	23.33	0.00054
49.50	21.21	0.00053	53.03	17.68	0.00050
56.57	14.14	0.00048	63.64	7.07	0.00043
70.71	0.00	0.00038	77.78	-7.07	0.00033
84.85	-14.14	0.00029	91.92	-21.21	0.00025
98.99	-28.28	0.00022	106.07	-35.36	0.00019
-28.28	113.14	0.00070	-21.21	106.07	0.00073
-14.14	98.99	0.00075	-7.07	91.92	0.00076
0.00	84.85	0.00076	7.07	77.78	0.00074
14.14	70.71	0.00070	21.21	63.64	0.00067
24.75	60.10	0.00066	28.28	56.57	0.00065
30.41	54.45	0.00064	31.82	53.03	0.00063
33.23	51.62	0.00063	34.65	50.20	0.00062
36.06	48.79	0.00062	48.79	36.06	0.00052
50.20	34.65	0.00051	51.62	33.23	0.00050
53.03	31.82	0.00049	54.45	30.41	0.00048
56.57	28.28	0.00047	60.10	24.75	0.00045
63.64	21.21	0.00043	70.71	14.14	0.00039
77.78	7.07	0.00035	84.85	0.00	0.00031
91.92	-7.07	0.00027	98.99	-14.14	0.00024
106.07	-21.21	0.00021	113.14	-28.28	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 95

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

 INCLUDING SOURCE(S): NCRA_S4 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00064	-14.14	113.14	0.00066
-7.07	106.07	0.00067	0.00	98.99	0.00067
7.07	91.92	0.00066	14.14	84.85	0.00064
21.21	77.78	0.00061	28.28	70.71	0.00059
31.82	67.18	0.00058	35.36	63.64	0.00057
37.48	61.52	0.00056	38.89	60.10	0.00056
40.31	58.69	0.00055	41.72	57.28	0.00055
43.13	55.86	0.00054	55.86	43.13	0.00046
57.28	41.72	0.00045	58.69	40.31	0.00045
60.10	38.89	0.00044	61.52	37.48	0.00043
63.64	35.36	0.00042	67.18	31.82	0.00040
70.71	28.28	0.00039	77.78	21.21	0.00035
84.85	14.14	0.00032	91.92	7.07	0.00028
98.99	0.00	0.00025	106.07	-7.07	0.00023
113.14	-14.14	0.00020	120.21	-21.21	0.00018
-14.14	127.28	0.00058	-7.07	120.21	0.00059
0.00	113.14	0.00060	7.07	106.07	0.00060
14.14	98.99	0.00058	21.21	91.92	0.00056
28.28	84.85	0.00054	35.36	77.78	0.00052
38.89	74.25	0.00051	42.43	70.71	0.00050
44.55	68.59	0.00050	45.96	67.18	0.00049
47.38	65.76	0.00049	48.79	64.35	0.00049
50.20	62.93	0.00048	62.93	50.20	0.00041
64.35	48.79	0.00041	65.76	47.38	0.00040
67.18	45.96	0.00039	68.59	44.55	0.00039
70.71	42.43	0.00038	74.25	38.89	0.00036
77.78	35.36	0.00035	84.85	28.28	0.00032
91.92	21.21	0.00029	98.99	14.14	0.00026
106.07	7.07	0.00024	113.14	0.00	0.00021
120.21	-7.07	0.00019	127.28	-14.14	0.00017
-7.07	134.35	0.00053	0.00	127.28	0.00053
7.07	120.21	0.00054	14.14	113.14	0.00053
21.21	106.07	0.00051	28.28	98.99	0.00050
35.36	91.92	0.00048	42.43	84.85	0.00046
45.96	81.32	0.00045	49.50	77.78	0.00045
51.62	75.66	0.00044	53.03	74.25	0.00044
54.45	72.83	0.00044	55.86	71.42	0.00043
57.28	70.00	0.00043	70.00	57.28	0.00037
71.42	55.86	0.00037	72.83	54.45	0.00036
74.25	53.03	0.00035	75.66	51.62	0.00035

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
77.78	49.50	0.00034	81.32	45.96	0.00033	
84.85	42.43	0.00032	91.92	35.36	0.00029	
98.99	28.28	0.00027	106.07	21.21	0.00025	
113.14	14.14	0.00022	120.21	7.07	0.00020	
127.28	0.00	0.00018	134.35	-7.07	0.00016	
0.00	141.42	0.00048	7.07	134.35	0.00048	
14.14	127.28	0.00048	21.21	120.21	0.00047	
28.28	113.14	0.00046	35.36	106.07	0.00044	
42.43	98.99	0.00042	49.50	91.92	0.00041	
53.03	88.39	0.00041	56.57	84.85	0.00040	
58.69	82.73	0.00040	60.10	81.32	0.00040	
61.52	79.90	0.00039	62.93	78.49	0.00039	
64.35	77.07	0.00039	77.07	64.35	0.00034	
78.49	62.93	0.00033	79.90	61.52	0.00033	
81.32	60.10	0.00032	82.73	58.69	0.00032	
84.85	56.57	0.00031	88.39	53.03	0.00030	
91.92	49.50	0.00029	98.99	42.43	0.00027	
106.07	35.36	0.00025	113.14	28.28	0.00023	
120.21	21.21	0.00021	127.28	14.14	0.00019	
134.35	7.07	0.00017	141.42	0.00	0.00016	
7.07	148.49	0.00044	14.14	141.42	0.00044	
21.21	134.35	0.00043	28.28	127.28	0.00042	
35.36	120.21	0.00041	42.43	113.14	0.00039	
49.50	106.07	0.00038	56.57	98.99	0.00037	
60.10	95.46	0.00037	63.64	91.92	0.00036	
65.76	89.80	0.00036	67.18	88.39	0.00036	
68.59	86.97	0.00035	70.00	85.56	0.00035	
71.42	84.15	0.00035	84.15	71.42	0.00031	
85.56	70.00	0.00030	86.97	68.59	0.00030	
88.39	67.18	0.00029	89.80	65.76	0.00029	
91.92	63.64	0.00028	95.46	60.10	0.00027	
98.99	56.57	0.00026	106.07	49.50	0.00025	
113.14	42.43	0.00023	120.21	35.36	0.00021	
127.28	28.28	0.00020	134.35	21.21	0.00018	
141.42	14.14	0.00016	148.49	7.07	0.00015	
14.14	155.56	0.00040	21.21	148.49	0.00040	

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

28.28	141.42	0.00039	35.36	134.35	0.00038
42.43	127.28	0.00037	49.50	120.21	0.00036
56.57	113.14	0.00035	63.64	106.07	0.00034
67.18	102.53	0.00033	70.71	98.99	0.00033

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00033	74.25	95.46	0.00032
75.66	94.05	0.00032	77.07	92.63	0.00032
78.49	91.22	0.00032	91.22	78.49	0.00028
92.63	77.07	0.00028	94.05	75.66	0.00027
95.46	74.25	0.00027	96.87	72.83	0.00026
98.99	70.71	0.00026	102.53	67.18	0.00025
106.07	63.64	0.00024	113.14	56.57	0.00023
120.21	49.50	0.00022	127.28	42.43	0.00020
134.35	35.36	0.00018	141.42	28.28	0.00017
148.49	21.21	0.00015	155.56	14.14	0.00014
21.21	162.63	0.00037	28.28	155.56	0.00036
35.36	148.49	0.00036	42.43	141.42	0.00034
49.50	134.35	0.00033	56.57	127.28	0.00032
63.64	120.21	0.00031	70.71	113.14	0.00031
74.25	109.60	0.00030	77.78	106.07	0.00030
79.90	103.94	0.00030	81.32	102.53	0.00030
82.73	101.12	0.00029	84.15	99.70	0.00029
85.56	98.29	0.00029	98.29	85.56	0.00026
99.70	84.15	0.00025	101.12	82.73	0.00025
102.53	81.32	0.00025	103.94	79.90	0.00024
106.07	77.78	0.00024	109.60	74.25	0.00023
113.14	70.71	0.00022	120.21	63.64	0.00021
127.28	56.57	0.00020	134.35	49.50	0.00019
141.42	42.43	0.00017	148.49	35.36	0.00016
155.56	28.28	0.00015	162.63	21.21	0.00014
28.28	169.71	0.00034	35.36	162.63	0.00033
42.43	155.56	0.00032	49.50	148.49	0.00031
56.57	141.42	0.00030	63.64	134.35	0.00029
70.71	127.28	0.00029	77.78	120.21	0.00028
81.32	116.67	0.00028	84.85	113.14	0.00028

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

86.97	111.02	0.00027	88.39	109.60	0.00027
89.80	108.19	0.00027	91.22	106.77	0.00027
92.63	105.36	0.00026	105.36	92.63	0.00024
106.77	91.22	0.00023	108.19	89.80	0.00023
109.60	88.39	0.00023	111.02	86.97	0.00022
113.14	84.85	0.00022	116.67	81.32	0.00021
120.21	77.78	0.00021	127.28	70.71	0.00020
134.35	63.64	0.00019	141.42	56.57	0.00018
148.49	49.50	0.00016	155.56	42.43	0.00015
162.63	35.36	0.00014	169.71	28.28	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00031	42.43	169.71	0.00030
49.50	162.63	0.00029	56.57	155.56	0.00029
63.64	148.49	0.00028	70.71	141.42	0.00027
77.78	134.35	0.00026	84.85	127.28	0.00026
88.39	123.74	0.00026	91.92	120.21	0.00025
94.05	118.09	0.00025	95.46	116.67	0.00025
96.87	115.26	0.00025	98.29	113.84	0.00025
99.70	112.43	0.00024	112.43	99.70	0.00022
113.84	98.29	0.00022	115.26	96.87	0.00021
116.67	95.46	0.00021	118.09	94.05	0.00021
120.21	91.92	0.00020	123.74	88.39	0.00020
127.28	84.85	0.00019	134.35	77.78	0.00018
141.42	70.71	0.00017	148.49	63.64	0.00016
155.56	56.57	0.00015	162.63	49.50	0.00014
169.71	42.43	0.00013	176.78	35.36	0.00012
42.43	183.85	0.00028	49.50	176.78	0.00028
56.57	169.71	0.00027	63.64	162.63	0.00026
70.71	155.56	0.00025	77.78	148.49	0.00025
84.85	141.42	0.00024	91.92	134.35	0.00024
95.46	130.81	0.00024	98.99	127.28	0.00023
101.12	125.16	0.00023	102.53	123.74	0.00023
103.94	122.33	0.00023	105.36	120.92	0.00023
106.77	119.50	0.00022	119.50	106.77	0.00020
120.92	105.36	0.00020	122.33	103.94	0.00020

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

123.74	102.53	0.00020	125.16	101.12	0.00019
127.28	98.99	0.00019	130.81	95.46	0.00018
134.35	91.92	0.00018	141.42	84.85	0.00017
148.49	77.78	0.00016	155.56	70.71	0.00015
162.63	63.64	0.00015	169.71	56.57	0.00014
176.78	49.50	0.00013	183.85	42.43	0.00012
49.50	190.92	0.00026	56.57	183.85	0.00025
63.64	176.78	0.00025	70.71	169.71	0.00024
77.78	162.63	0.00023	84.85	155.56	0.00023
91.92	148.49	0.00023	98.99	141.42	0.00022
102.53	137.89	0.00022	106.07	134.35	0.00022
108.19	132.23	0.00021	109.60	130.81	0.00021
111.02	129.40	0.00021	112.43	127.99	0.00021
113.84	126.57	0.00021	126.57	113.84	0.00019
127.99	112.43	0.00019	129.40	111.02	0.00018
130.81	109.60	0.00018	132.23	108.19	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00018	137.89	102.53	0.00017
141.42	98.99	0.00017	148.49	91.92	0.00016
155.56	84.85	0.00015	162.63	77.78	0.00015
169.71	70.71	0.00014	176.78	63.64	0.00013
183.85	56.57	0.00012	190.92	49.50	0.00011
56.57	197.99	0.00024	63.64	190.92	0.00023
70.71	183.85	0.00023	77.78	176.78	0.00022
84.85	169.71	0.00022	91.92	162.63	0.00021
98.99	155.56	0.00021	106.07	148.49	0.00021
109.60	144.96	0.00020	113.14	141.42	0.00020
115.26	139.30	0.00020	116.67	137.89	0.00020
118.09	136.47	0.00020	119.50	135.06	0.00019
120.92	133.64	0.00019	133.64	120.92	0.00018
135.06	119.50	0.00017	136.47	118.09	0.00017
137.89	116.67	0.00017	139.30	115.26	0.00017
141.42	113.14	0.00016	144.96	109.60	0.00016
148.49	106.07	0.00016	155.56	98.99	0.00015
162.63	91.92	0.00014	169.71	84.85	0.00014

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

176.78	77.78	0.00013	183.85	70.71	0.00012
190.92	63.64	0.00012	197.99	56.57	0.00011
63.64	205.06	0.00022	70.71	197.99	0.00022
77.78	190.92	0.00021	84.85	183.85	0.00021
91.92	176.78	0.00020	98.99	169.71	0.00020
106.07	162.63	0.00019	113.14	155.56	0.00019
116.67	152.03	0.00019	120.21	148.49	0.00019
122.33	146.37	0.00019	123.74	144.96	0.00018
125.16	143.54	0.00018	126.57	142.13	0.00018
127.99	140.71	0.00018	140.71	127.99	0.00016
142.13	126.57	0.00016	143.54	125.16	0.00016
144.96	123.74	0.00016	146.37	122.33	0.00016
148.49	120.21	0.00015	152.03	116.67	0.00015
155.56	113.14	0.00015	162.63	106.07	0.00014
169.71	98.99	0.00013	176.78	91.92	0.00013
183.85	84.85	0.00012	190.92	77.78	0.00012
197.99	70.71	0.00011	205.06	63.64	0.00010
70.71	212.13	0.00021	77.78	205.06	0.00020
84.85	197.99	0.00020	91.92	190.92	0.00019
98.99	183.85	0.00019	106.07	176.78	0.00018
113.14	169.71	0.00018	120.21	162.63	0.00018
123.74	159.10	0.00018	127.28	155.56	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00017	130.81	152.03	0.00017
132.23	150.61	0.00017	133.64	149.20	0.00017
135.06	147.79	0.00017	147.79	135.06	0.00015
149.20	133.64	0.00015	150.61	132.23	0.00015
152.03	130.81	0.00015	153.44	129.40	0.00015
155.56	127.28	0.00014	159.10	123.74	0.00014
162.63	120.21	0.00014	169.71	113.14	0.00013
176.78	106.07	0.00013	183.85	98.99	0.00012
190.92	91.92	0.00012	197.99	84.85	0.00011
205.06	77.78	0.00010	212.13	70.71	0.00010
77.78	219.20	0.00019	84.85	212.13	0.00019
91.92	205.06	0.00018	98.99	197.99	0.00018

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

106.07	190.92	0.00017	113.14	183.85	0.00017
120.21	176.78	0.00017	127.28	169.71	0.00017
130.81	166.17	0.00017	134.35	162.63	0.00016
136.47	160.51	0.00016	137.89	159.10	0.00016
139.30	157.68	0.00016	140.71	156.27	0.00016
142.13	154.86	0.00016	154.86	142.13	0.00014
156.27	140.71	0.00014	157.68	139.30	0.00014
159.10	137.89	0.00014	160.51	136.47	0.00014
162.63	134.35	0.00014	166.17	130.81	0.00013
169.71	127.28	0.00013	176.78	120.21	0.00012
183.85	113.14	0.00012	190.92	106.07	0.00011
197.99	98.99	0.00011	205.06	91.92	0.00011
212.13	84.85	0.00010	219.20	77.78	0.00009
84.85	226.27	0.00018	91.92	219.20	0.00017
98.99	212.13	0.00017	106.07	205.06	0.00017
113.14	197.99	0.00016	120.21	190.92	0.00016
127.28	183.85	0.00016	134.35	176.78	0.00016
137.89	173.24	0.00016	141.42	169.71	0.00015
143.54	167.58	0.00015	144.96	166.17	0.00015
146.37	164.76	0.00015	147.79	163.34	0.00015
149.20	161.93	0.00015	161.93	149.20	0.00014
163.34	147.79	0.00013	164.76	146.37	0.00013
166.17	144.96	0.00013	167.58	143.54	0.00013
169.71	141.42	0.00013	173.24	137.89	0.00013
176.78	134.35	0.00012	183.85	127.28	0.00012
190.92	120.21	0.00011	197.99	113.14	0.00011
205.06	106.07	0.00010	212.13	98.99	0.00010
219.20	91.92	0.00010	226.27	84.85	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00017	98.99	226.27	0.00016
106.07	219.20	0.00016	113.14	212.13	0.00016
120.21	205.06	0.00015	127.28	197.99	0.00015
134.35	190.92	0.00015	141.42	183.85	0.00015
144.96	180.31	0.00015	148.49	176.78	0.00014
150.61	174.66	0.00014	152.03	173.24	0.00014

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

153.44	171.83	0.00014	154.86	170.41	0.00014
156.27	169.00	0.00014	169.00	156.27	0.00013
170.41	154.86	0.00013	171.83	153.44	0.00013
173.24	152.03	0.00012	174.66	150.61	0.00012
176.78	148.49	0.00012	180.31	144.96	0.00012
183.85	141.42	0.00012	190.92	134.35	0.00011
197.99	127.28	0.00011	205.06	120.21	0.00010
212.13	113.14	0.00010	219.20	106.07	0.00010
226.27	98.99	0.00009	233.35	91.92	0.00009
98.99	240.42	0.00016	106.07	233.35	0.00015
113.14	226.27	0.00015	120.21	219.20	0.00015
127.28	212.13	0.00014	134.35	205.06	0.00014
141.42	197.99	0.00014	148.49	190.92	0.00014
152.03	187.38	0.00014	155.56	183.85	0.00014
157.68	181.73	0.00013	159.10	180.31	0.00013
160.51	178.90	0.00013	161.93	177.48	0.00013
163.34	176.07	0.00013	176.07	163.34	0.00012
177.48	161.93	0.00012	178.90	160.51	0.00012
180.31	159.10	0.00012	181.73	157.68	0.00012
183.85	155.56	0.00011	187.38	152.03	0.00011
190.92	148.49	0.00011	197.99	141.42	0.00010
205.06	134.35	0.00010	212.13	127.28	0.00010
219.20	120.21	0.00009	226.27	113.14	0.00009
233.35	106.07	0.00009	240.42	98.99	0.00008
106.07	247.49	0.00015	113.14	240.42	0.00014
120.21	233.35	0.00014	127.28	226.27	0.00014
134.35	219.20	0.00014	141.42	212.13	0.00013
148.49	205.06	0.00013	155.56	197.99	0.00013
159.10	194.45	0.00013	162.63	190.92	0.00013
164.76	188.80	0.00013	166.17	187.38	0.00013
167.58	185.97	0.00013	169.00	184.55	0.00012
170.41	183.14	0.00012	183.14	170.41	0.00011
184.55	169.00	0.00011	185.97	167.58	0.00011
187.38	166.17	0.00011	188.80	164.76	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-------------	-------------	------	-------------	-------------	------

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

190.92	162.63	0.00011	194.45	159.10	0.00011
197.99	155.56	0.00010	205.06	148.49	0.00010
212.13	141.42	0.00010	219.20	134.35	0.00009
226.27	127.28	0.00009	233.35	120.21	0.00009
240.42	113.14	0.00008	247.49	106.07	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 103
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00050	-240.42	-113.14	0.00060
-233.35	-120.21	0.00072	-226.27	-127.28	0.00087
-219.20	-134.35	0.00106	-212.13	-141.42	0.00132
-205.06	-148.49	0.00163	-197.99	-155.56	0.00201
-194.45	-159.10	0.00222	-190.92	-162.63	0.00245
-188.80	-164.76	0.00258	-187.38	-166.17	0.00266
-185.97	-167.58	0.00275	-184.55	-169.00	0.00282
-183.14	-170.41	0.00290	-170.41	-183.14	0.00310
-169.00	-184.55	0.00308	-167.58	-185.97	0.00305
-166.17	-187.38	0.00302	-164.76	-188.80	0.00298
-162.63	-190.92	0.00290	-159.10	-194.45	0.00273
-155.56	-197.99	0.00252	-148.49	-205.06	0.00211
-141.42	-212.13	0.00174	-134.35	-219.20	0.00142
-127.28	-226.27	0.00116	-120.21	-233.35	0.00096
-113.14	-240.42	0.00080	-106.07	-247.49	0.00067
-240.42	-98.99	0.00049	-233.35	-106.07	0.00059
-226.27	-113.14	0.00071	-219.20	-120.21	0.00086
-212.13	-127.28	0.00106	-205.06	-134.35	0.00134
-197.99	-141.42	0.00169	-190.92	-148.49	0.00214
-187.38	-152.03	0.00241	-183.85	-155.56	0.00270
-181.73	-157.68	0.00289	-180.31	-159.10	0.00302
-178.90	-160.51	0.00316	-177.48	-161.93	0.00328
-176.07	-163.34	0.00341	-163.34	-176.07	0.00379
-161.93	-177.48	0.00373	-160.51	-178.90	0.00366
-159.10	-180.31	0.00358	-157.68	-181.73	0.00347
-155.56	-183.85	0.00330	-152.03	-187.38	0.00302
-148.49	-190.92	0.00273	-141.42	-197.99	0.00223
-134.35	-205.06	0.00180	-127.28	-212.13	0.00145
-120.21	-219.20	0.00117	-113.14	-226.27	0.00096

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-106.07	-233.35	0.00079	-98.99	-240.42	0.00067
-233.35	-91.92	0.00047	-226.27	-99.00	0.00057
-219.20	-106.07	0.00069	-212.13	-113.14	0.00084
-205.06	-120.21	0.00105	-197.99	-127.28	0.00132
-190.92	-134.35	0.00169	-183.85	-141.42	0.00219
-180.31	-144.96	0.00249	-176.78	-148.49	0.00285
-174.66	-150.61	0.00309	-173.24	-152.03	0.00327
-171.83	-153.44	0.00347	-170.41	-154.86	0.00370
-169.00	-156.27	0.00395	-156.27	-169.00	0.00458
-154.86	-170.41	0.00438	-153.44	-171.83	0.00419
-152.03	-173.24	0.00402	-150.61	-174.66	0.00385

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 104
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00361	-144.96	-180.31	0.00323
-141.42	-183.85	0.00289	-134.35	-190.92	0.00231
-127.28	-197.99	0.00183	-120.21	-205.06	0.00145
-113.14	-212.13	0.00116	-106.07	-219.20	0.00094
-98.99	-226.27	0.00077	-91.92	-233.35	0.00065
-226.27	-84.85	0.00046	-219.20	-91.92	0.00055
-212.13	-99.00	0.00067	-205.06	-106.07	0.00082
-197.99	-113.14	0.00102	-190.92	-120.21	0.00129
-183.85	-127.28	0.00168	-176.78	-134.35	0.00220
-173.24	-137.89	0.00253	-169.71	-141.42	0.00293
-167.58	-143.54	0.00322	-166.17	-144.96	0.00345
-164.76	-146.37	0.00372	-163.34	-147.79	0.00407
-161.93	-149.20	0.00455	-149.20	-161.93	0.00497
-147.79	-163.34	0.00467	-146.37	-164.76	0.00441
-144.96	-166.17	0.00419	-143.54	-167.58	0.00398
-141.42	-169.71	0.00370	-137.89	-173.24	0.00328
-134.35	-176.78	0.00291	-127.28	-183.85	0.00227
-120.21	-190.92	0.00177	-113.14	-197.99	0.00139
-106.07	-205.06	0.00111	-98.99	-212.13	0.00090
-91.92	-219.20	0.00074	-84.85	-226.27	0.00062
-219.20	-77.78	0.00044	-212.13	-84.85	0.00053
-205.06	-91.92	0.00065	-197.99	-99.00	0.00081
-190.92	-106.07	0.00102	-183.85	-113.14	0.00131

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-176.78	-120.21	0.00175	-169.71	-127.28	0.00243
-166.17	-130.81	0.00293	-162.63	-134.35	0.00362
-160.51	-136.47	0.00416	-159.10	-137.89	0.00459
-157.68	-139.30	0.00508	-156.27	-140.71	0.00563
-154.86	-142.13	0.00630	-142.13	-154.86	0.00521
-140.71	-156.27	0.00482	-139.30	-157.68	0.00451
-137.89	-159.10	0.00424	-136.47	-160.51	0.00401
-134.35	-162.63	0.00370	-130.81	-166.17	0.00325
-127.28	-169.71	0.00285	-120.21	-176.78	0.00218
-113.14	-183.85	0.00167	-106.07	-190.92	0.00130
-98.99	-197.99	0.00104	-91.92	-205.06	0.00084
-84.85	-212.13	0.00070	-77.78	-219.20	0.00059
-212.13	-70.71	0.00044	-205.06	-77.78	0.00054
-197.99	-84.85	0.00066	-190.92	-91.92	0.00084
-183.85	-98.99	0.00108	-176.78	-106.07	0.00144
-169.71	-113.14	0.00201	-162.63	-120.21	0.00298
-159.10	-123.74	0.00368	-155.56	-127.28	0.00455

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00517	-152.03	-130.81	0.00562
-150.61	-132.23	0.00611	-149.20	-133.64	0.00665
-147.79	-135.06	0.00727	-135.06	-147.79	0.00542
-133.64	-149.20	0.00496	-132.23	-150.61	0.00459
-130.81	-152.03	0.00428	-129.40	-153.44	0.00401
-127.28	-155.56	0.00366	-123.74	-159.10	0.00316
-120.21	-162.63	0.00274	-113.14	-169.71	0.00206
-106.07	-176.78	0.00156	-98.99	-183.85	0.00121
-91.92	-190.92	0.00097	-84.85	-197.99	0.00079
-77.78	-205.06	0.00066	-70.71	-212.13	0.00055
-205.06	-63.64	0.00046	-197.99	-70.71	0.00056
-190.92	-77.78	0.00071	-183.85	-84.85	0.00092
-176.78	-91.92	0.00122	-169.71	-98.99	0.00167
-162.63	-106.07	0.00238	-155.56	-113.14	0.00349
-152.03	-116.67	0.00424	-148.49	-120.21	0.00513
-146.37	-122.33	0.00574	-144.96	-123.74	0.00617
-143.54	-125.16	0.00664	-142.13	-126.57	0.00714

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-140.71	-127.99	0.00772	-127.99	-140.71	0.00549
-126.57	-142.13	0.00499	-125.16	-143.54	0.00459
-123.74	-144.96	0.00425	-122.33	-146.37	0.00395
-120.21	-148.49	0.00357	-116.67	-152.03	0.00302
-113.14	-155.56	0.00257	-106.07	-162.63	0.00189
-98.99	-169.71	0.00143	-91.92	-176.78	0.00112
-84.85	-183.85	0.00090	-77.78	-190.92	0.00074
-70.71	-197.99	0.00061	-63.64	-205.06	0.00052
-197.99	-56.57	0.00050	-190.92	-63.64	0.00062
-183.85	-70.71	0.00079	-176.78	-77.78	0.00104
-169.71	-84.85	0.00140	-162.63	-91.92	0.00193
-155.56	-98.99	0.00271	-148.49	-106.07	0.00383
-144.96	-109.60	0.00455	-141.42	-113.14	0.00541
-139.30	-115.26	0.00598	-137.89	-116.67	0.00639
-136.47	-118.09	0.00683	-135.06	-119.50	0.00731
-133.64	-120.92	0.00785	-120.92	-133.64	0.00540
-119.50	-135.06	0.00488	-118.09	-136.47	0.00447
-116.67	-137.89	0.00411	-115.26	-139.30	0.00379
-113.14	-141.42	0.00338	-109.60	-144.96	0.00280
-106.07	-148.49	0.00234	-98.99	-155.56	0.00170
-91.92	-162.63	0.00130	-84.85	-169.71	0.00103
-77.78	-176.78	0.00083	-70.71	-183.85	0.00068
-63.64	-190.92	0.00057	-56.57	-197.99	0.00048

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00056	-183.85	-56.57	0.00071
-176.78	-63.64	0.00090	-169.71	-70.71	0.00118
-162.63	-77.78	0.00158	-155.56	-84.85	0.00215
-148.49	-91.92	0.00294	-141.42	-98.99	0.00401
-137.89	-102.53	0.00468	-134.35	-106.07	0.00547
-132.23	-108.19	0.00600	-130.81	-109.60	0.00639
-129.40	-111.02	0.00680	-127.99	-112.43	0.00725
-126.57	-113.84	0.00776	-113.84	-126.57	0.00514
-112.43	-127.99	0.00462	-111.02	-129.40	0.00420
-109.60	-130.81	0.00383	-108.19	-132.23	0.00350
-106.07	-134.35	0.00307	-102.53	-137.89	0.00250

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-98.99	-141.42	0.00208	-91.92	-148.49	0.00151
-84.85	-155.56	0.00117	-77.78	-162.63	0.00093
-70.71	-169.71	0.00075	-63.64	-176.78	0.00062
-56.57	-183.85	0.00052	-49.50	-190.92	0.00044
-183.85	-42.43	0.00065	-176.78	-49.50	0.00081
-169.71	-56.57	0.00103	-162.63	-63.64	0.00134
-155.56	-70.71	0.00176	-148.49	-77.78	0.00232
-141.42	-84.85	0.00308	-134.35	-91.92	0.00408
-130.81	-95.46	0.00469	-127.28	-98.99	0.00540
-125.16	-101.12	0.00587	-123.74	-102.53	0.00622
-122.33	-103.94	0.00659	-120.92	-105.36	0.00701
-119.50	-106.77	0.00749	-106.77	-119.50	0.00471
-105.36	-120.92	0.00418	-103.94	-122.33	0.00375
-102.53	-123.74	0.00338	-101.12	-125.16	0.00307
-98.99	-127.28	0.00266	-95.46	-130.81	0.00217
-91.92	-134.35	0.00181	-84.85	-141.42	0.00134
-77.78	-148.49	0.00104	-70.71	-155.56	0.00083
-63.64	-162.63	0.00067	-56.57	-169.71	0.00055
-49.50	-176.78	0.00046	-42.43	-183.85	0.00039
-176.78	-35.36	0.00074	-169.71	-42.43	0.00092
-162.63	-49.50	0.00117	-155.56	-56.57	0.00149
-148.49	-63.64	0.00192	-141.42	-70.71	0.00247
-134.35	-77.78	0.00318	-127.28	-84.85	0.00410
-123.74	-88.39	0.00465	-120.21	-91.92	0.00527
-118.09	-94.05	0.00567	-116.67	-95.46	0.00596
-115.26	-96.87	0.00628	-113.84	-98.29	0.00664
-112.43	-99.70	0.00707	-99.70	-112.43	0.00406
-98.29	-113.84	0.00355	-96.87	-115.26	0.00315
-95.46	-116.67	0.00283	-94.05	-118.09	0.00257

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTS:
 PAGE 107

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00226	-88.39	-123.74	0.00186
-84.85	-127.28	0.00157	-77.78	-134.35	0.00117
-70.71	-141.42	0.00090	-63.64	-148.49	0.00072
-56.57	-155.56	0.00059	-49.50	-162.63	0.00049
-42.43	-169.71	0.00041	-35.36	-176.78	0.00035

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-169.71	-28.28	0.00083	-162.63	-35.36	0.00103
-155.56	-42.43	0.00129	-148.49	-49.50	0.00162
-141.42	-56.57	0.00205	-134.35	-63.64	0.00259
-127.28	-70.71	0.00327	-120.21	-77.78	0.00412
-116.67	-81.32	0.00462	-113.14	-84.85	0.00515
-111.02	-86.97	0.00549	-109.60	-88.39	0.00573
-108.19	-89.80	0.00598	-106.77	-91.22	0.00625
-105.36	-92.63	0.00656	-92.63	-105.36	0.00323
-91.22	-106.77	0.00286	-89.80	-108.19	0.00257
-88.39	-109.60	0.00234	-86.97	-111.02	0.00215
-84.85	-113.14	0.00190	-81.32	-116.67	0.00159
-77.78	-120.21	0.00135	-70.71	-127.28	0.00102
-63.64	-134.35	0.00079	-56.57	-141.42	0.00064
-49.50	-148.49	0.00052	-42.43	-155.56	0.00044
-35.36	-162.63	0.00037	-28.28	-169.71	0.00032
-162.63	-21.21	0.00092	-155.56	-28.28	0.00113
-148.49	-35.36	0.00140	-141.42	-42.43	0.00173
-134.35	-49.50	0.00215	-127.28	-56.57	0.00267
-120.21	-63.64	0.00332	-113.14	-70.71	0.00413
-109.60	-74.25	0.00458	-106.07	-77.78	0.00505
-103.94	-79.90	0.00534	-102.53	-81.32	0.00552
-101.12	-82.73	0.00569	-99.70	-84.15	0.00584
-98.29	-85.56	0.00592	-85.56	-98.29	0.00274
-84.15	-99.70	0.00248	-82.73	-101.12	0.00226
-81.32	-102.53	0.00208	-79.90	-103.94	0.00192
-77.78	-106.07	0.00171	-74.25	-109.60	0.00144
-70.71	-113.14	0.00123	-63.64	-120.21	0.00093
-56.57	-127.28	0.00073	-49.50	-134.35	0.00059
-42.43	-141.42	0.00049	-35.36	-148.49	0.00041
-28.28	-155.56	0.00035	-21.21	-162.63	0.00030
-155.56	-14.14	0.00100	-148.49	-21.21	0.00121
-141.42	-28.28	0.00147	-134.35	-35.36	0.00179
-127.28	-42.43	0.00219	-120.21	-49.50	0.00267
-113.14	-56.57	0.00324	-106.07	-63.64	0.00385
-102.53	-67.18	0.00411	-98.99	-70.71	0.00427

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 108
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

		12NCRA NAPA95-300_DPM_TRAV_ANN_NE-SW Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00430	-95.46	-74.25	0.00428
-94.05	-75.66	0.00423	-92.63	-77.07	0.00415
-91.22	-78.49	0.00404	-78.49	-91.22	0.00234
-77.07	-92.63	0.00217	-75.66	-94.05	0.00202
-74.25	-95.46	0.00187	-72.83	-96.87	0.00174
-70.71	-98.99	0.00157	-67.18	-102.53	0.00133
-63.64	-106.07	0.00114	-56.57	-113.14	0.00087
-49.50	-120.21	0.00069	-42.43	-127.28	0.00056
-35.36	-134.35	0.00046	-28.28	-141.42	0.00039
-21.21	-148.49	0.00033	-14.14	-155.56	0.00029
-148.49	-7.07	0.00105	-141.42	-14.14	0.00126
-134.35	-21.21	0.00150	-127.28	-28.28	0.00180
-120.21	-35.36	0.00214	-113.14	-42.43	0.00253
-106.07	-49.50	0.00292	-98.99	-56.57	0.00319
-95.46	-60.10	0.00324	-91.92	-63.64	0.00321
-89.80	-65.76	0.00315	-88.39	-67.18	0.00309
-86.97	-68.59	0.00303	-85.56	-70.00	0.00295
-84.15	-71.42	0.00287	-71.42	-84.15	0.00192
-70.00	-85.56	0.00182	-68.59	-86.97	0.00172
-67.18	-88.39	0.00162	-65.76	-89.80	0.00153
-63.64	-91.92	0.00140	-60.10	-95.46	0.00121
-56.57	-98.99	0.00105	-49.50	-106.07	0.00081
-42.43	-113.14	0.00064	-35.36	-120.21	0.00052
-28.28	-127.28	0.00044	-21.21	-134.35	0.00037
-14.14	-141.42	0.00032	-7.07	-148.49	0.00027
-141.42	0.00	0.00108	-134.35	-7.07	0.00127
-127.28	-14.14	0.00148	-120.21	-21.21	0.00173
-113.14	-28.28	0.00200	-106.07	-35.36	0.00226
-98.99	-42.43	0.00246	-91.92	-49.50	0.00252
-88.39	-53.03	0.00250	-84.85	-56.57	0.00243
-82.73	-58.69	0.00236	-81.32	-60.10	0.00232
-79.90	-61.52	0.00227	-78.49	-62.93	0.00222
-77.07	-64.35	0.00217	-64.35	-77.07	0.00156
-62.93	-78.49	0.00150	-61.52	-79.90	0.00144
-60.10	-81.32	0.00138	-58.69	-82.73	0.00131
-56.57	-84.85	0.00122	-53.03	-88.39	0.00108
-49.50	-91.92	0.00096	-42.43	-98.99	0.00075
-35.36	-106.07	0.00060	-28.28	-113.14	0.00049
-21.21	-120.21	0.00041	-14.14	-127.28	0.00035
-7.07	-134.35	0.00030	0.00	-141.42	0.00026

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

17:53:19

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00107	-127.28	0.00	0.00124
-120.21	-7.07	0.00142	-113.14	-14.14	0.00160
-106.07	-21.21	0.00179	-98.99	-28.28	0.00194
-91.92	-35.36	0.00201	-84.85	-42.43	0.00200
-81.32	-45.96	0.00195	-77.78	-49.50	0.00188
-75.66	-51.62	0.00183	-74.25	-53.03	0.00180
-72.83	-54.45	0.00177	-71.42	-55.86	0.00174
-70.00	-57.28	0.00171	-57.28	-70.00	0.00129
-55.86	-71.42	0.00124	-54.45	-72.83	0.00120
-53.03	-74.25	0.00116	-51.62	-75.66	0.00112
-49.50	-77.78	0.00106	-45.96	-81.32	0.00096
-42.43	-84.85	0.00086	-35.36	-91.92	0.00069
-28.28	-98.99	0.00056	-21.21	-106.07	0.00046
-14.14	-113.14	0.00038	-7.07	-120.21	0.00033
0.00	-127.28	0.00028	7.07	-134.35	0.00025
-127.28	14.14	0.00104	-120.21	7.07	0.00117
-113.14	0.00	0.00131	-106.07	-7.07	0.00145
-98.99	-14.14	0.00156	-91.92	-21.21	0.00163
-84.85	-28.28	0.00165	-77.78	-35.36	0.00161
-74.25	-38.89	0.00156	-70.71	-42.43	0.00150
-68.59	-44.55	0.00146	-67.18	-45.96	0.00144
-65.76	-47.38	0.00142	-64.35	-48.79	0.00140
-62.93	-50.20	0.00138	-50.20	-62.93	0.00108
-48.79	-64.35	0.00104	-47.38	-65.76	0.00101
-45.96	-67.18	0.00098	-44.55	-68.59	0.00095
-42.43	-70.71	0.00091	-38.89	-74.25	0.00084
-35.36	-77.78	0.00077	-28.28	-84.85	0.00063
-21.21	-91.92	0.00052	-14.14	-98.99	0.00043
-7.07	-106.07	0.00036	0.00	-113.14	0.00031
7.07	-120.21	0.00027	14.14	-127.28	0.00023
-120.21	21.21	0.00099	-113.14	14.14	0.00109
-106.07	7.07	0.00119	-98.99	0.00	0.00128
-91.92	-7.07	0.00134	-84.85	-14.14	0.00138
-77.78	-21.21	0.00137	-70.71	-28.28	0.00131
-67.18	-31.82	0.00127	-63.64	-35.36	0.00122
-61.52	-37.48	0.00120	-60.10	-38.89	0.00119
-58.69	-40.31	0.00117	-57.28	-41.72	0.00116

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-55.86	-43.13	0.00114	-43.13	-55.86	0.00091
-41.72	-57.28	0.00089	-40.31	-58.69	0.00086
-38.89	-60.10	0.00084	-37.48	-61.52	0.00082

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 110

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00079	-31.82	-67.18	0.00073
-28.28	-70.71	0.00068	-21.21	-77.78	0.00057
-14.14	-84.85	0.00048	-7.07	-91.92	0.00041
0.00	-98.99	0.00034	7.07	-106.07	0.00029
14.14	-113.14	0.00025	21.21	-120.21	0.00022
-113.14	28.28	0.00092	-106.07	21.21	0.00100
-98.99	14.14	0.00107	-91.92	7.07	0.00112
-84.85	0.00	0.00116	-77.78	-7.07	0.00117
-70.71	-14.14	0.00114	-63.64	-21.21	0.00108
-60.10	-24.75	0.00105	-56.57	-28.28	0.00102
-54.45	-30.41	0.00100	-53.03	-31.82	0.00099
-51.62	-33.23	0.00098	-50.20	-34.65	0.00097
-48.79	-36.06	0.00096	-36.06	-48.79	0.00078
-34.65	-50.20	0.00076	-33.23	-51.62	0.00074
-31.82	-53.03	0.00072	-30.41	-54.45	0.00071
-28.28	-56.57	0.00068	-24.75	-60.10	0.00064
-21.21	-63.64	0.00060	-14.14	-70.71	0.00052
-7.07	-77.78	0.00045	0.00	-84.85	0.00038
7.07	-91.92	0.00032	14.14	-98.99	0.00028
21.21	-106.07	0.00024	28.28	-113.14	0.00021
-106.07	35.36	0.00085	-98.99	28.28	0.00090
-91.92	21.21	0.00095	-84.85	14.14	0.00098
-77.78	7.07	0.00100	-70.71	0.00	0.00099
-63.64	-7.07	0.00096	-56.57	-14.14	0.00091
-53.03	-17.68	0.00089	-49.50	-21.21	0.00086
-47.38	-23.33	0.00085	-45.96	-24.75	0.00085
-44.55	-26.16	0.00084	-43.13	-27.58	0.00083
-41.72	-28.99	0.00082	-28.99	-41.72	0.00068
-27.58	-43.13	0.00066	-26.16	-44.55	0.00064
-24.75	-45.96	0.00063	-23.33	-47.38	0.00062
-21.21	-49.50	0.00060	-17.68	-53.03	0.00057

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-14.14	-56.57	0.00054	-7.07	-63.64	0.00047
0.00	-70.71	0.00041	7.07	-77.78	0.00035
14.14	-84.85	0.00031	21.21	-91.92	0.00026
28.28	-98.99	0.00023	35.36	-106.07	0.00020
-98.99	42.43	0.00077	-91.92	35.36	0.00081
-84.85	28.28	0.00084	-77.78	21.21	0.00086
-70.71	14.14	0.00087	-63.64	7.07	0.00085
-56.57	0.00	0.00082	-49.50	-7.07	0.00078
-45.96	-10.61	0.00076	-42.43	-14.14	0.00074

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00073	-38.89	-17.68	0.00073
-37.48	-19.09	0.00072	-36.06	-20.51	0.00071
-34.65	-21.92	0.00071	-21.92	-34.65	0.00059
-20.51	-36.06	0.00058	-19.09	-37.48	0.00057
-17.68	-38.89	0.00055	-16.26	-40.31	0.00054
-14.14	-42.43	0.00053	-10.61	-45.96	0.00050
-7.07	-49.50	0.00048	0.00	-56.57	0.00043
7.07	-63.64	0.00038	14.14	-70.71	0.00033
21.21	-77.78	0.00029	28.28	-84.85	0.00025
35.36	-91.92	0.00022	42.43	-98.99	0.00019
-91.92	49.50	0.00070	-84.85	42.43	0.00073
-77.78	35.36	0.00075	-70.71	28.28	0.00076
-63.64	21.21	0.00076	-56.57	14.14	0.00074
-49.50	7.07	0.00070	-42.43	0.00	0.00067
-38.89	-3.54	0.00066	-35.36	-7.07	0.00065
-33.23	-9.19	0.00064	-31.82	-10.61	0.00063
-30.41	-12.02	0.00063	-28.99	-13.44	0.00062
-27.58	-14.85	0.00062	-14.85	-27.58	0.00052
-13.44	-28.99	0.00051	-12.02	-30.41	0.00050
-10.61	-31.82	0.00049	-9.19	-33.23	0.00048
-7.07	-35.36	0.00047	-3.54	-38.89	0.00045
0.00	-42.43	0.00043	7.07	-49.50	0.00039
14.14	-56.57	0.00035	21.21	-63.64	0.00031
28.28	-70.71	0.00027	35.36	-77.78	0.00024
42.43	-84.85	0.00021	49.50	-91.92	0.00019

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-84.85	56.57	0.00064	-77.78	49.50	0.00066
-70.71	42.43	0.00067	-63.64	35.36	0.00067
-56.57	28.28	0.00066	-49.50	21.21	0.00064
-42.43	14.14	0.00061	-35.36	7.07	0.00059
-31.82	3.54	0.00058	-28.28	0.00	0.00057
-26.16	-2.12	0.00056	-24.75	-3.54	0.00056
-23.33	-4.95	0.00055	-21.92	-6.36	0.00055
-20.51	-7.78	0.00054	-7.78	-20.51	0.00046
-6.36	-21.92	0.00045	-4.95	-23.33	0.00045
-3.54	-24.75	0.00044	-2.12	-26.16	0.00043
0.00	-28.28	0.00042	3.54	-31.82	0.00040
7.07	-35.36	0.00039	14.14	-42.43	0.00035
21.21	-49.50	0.00032	28.28	-56.57	0.00028
35.36	-63.64	0.00025	42.43	-70.71	0.00023
49.50	-77.78	0.00020	56.57	-84.85	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 112
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00058	-70.71	56.57	0.00059
-63.64	49.50	0.00060	-56.57	42.43	0.00060
-49.50	35.36	0.00058	-42.43	28.28	0.00056
-35.36	21.21	0.00054	-28.28	14.14	0.00052
-24.75	10.61	0.00051	-21.21	7.07	0.00050
-19.09	4.95	0.00050	-17.68	3.54	0.00049
-16.26	2.12	0.00049	-14.85	0.71	0.00049
-13.44	-0.71	0.00048	-0.71	-13.44	0.00041
0.71	-14.85	0.00041	2.12	-16.26	0.00040
3.54	-17.68	0.00039	4.95	-19.09	0.00039
7.07	-21.21	0.00038	10.61	-24.75	0.00036
14.14	-28.28	0.00035	21.21	-35.36	0.00032
28.28	-42.43	0.00029	35.36	-49.50	0.00026
42.43	-56.57	0.00024	49.50	-63.64	0.00021
56.57	-70.71	0.00019	63.64	-77.78	0.00017
-70.71	70.71	0.00053	-63.64	63.64	0.00053
-56.57	56.57	0.00054	-49.50	49.50	0.00053
-42.43	42.43	0.00051	-35.36	35.36	0.00050
-28.28	28.28	0.00048	-21.21	21.21	0.00046

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-17.68	17.68	0.00045	-14.14	14.14	0.00045
-12.02	12.02	0.00044	-10.61	10.61	0.00044
-9.19	9.19	0.00044	-7.78	7.78	0.00043
-6.36	6.36	0.00043	6.36	-6.36	0.00037
7.78	-7.78	0.00037	9.19	-9.19	0.00036
10.61	-10.61	0.00035	12.02	-12.02	0.00035
14.14	-14.14	0.00034	17.68	-17.68	0.00033
21.21	-21.21	0.00032	28.28	-28.28	0.00029
35.36	-35.36	0.00027	42.43	-42.43	0.00025
49.50	-49.50	0.00022	56.57	-56.57	0.00020
63.64	-63.64	0.00018	70.71	-70.71	0.00016
-63.64	77.78	0.00048	-56.57	70.71	0.00048
-49.50	63.64	0.00048	-42.43	56.57	0.00047
-35.36	49.50	0.00046	-28.28	42.43	0.00044
-21.21	35.36	0.00042	-14.14	28.28	0.00041
-10.61	24.75	0.00041	-7.07	21.21	0.00040
-4.95	19.09	0.00040	-3.54	17.68	0.00040
-2.12	16.26	0.00039	-0.71	14.85	0.00039
0.71	13.44	0.00039	13.44	0.71	0.00034
14.85	-0.71	0.00033	16.26	-2.12	0.00033
17.68	-3.54	0.00032	19.09	-4.95	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTs:
 PAGE 113

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00031	24.75	-10.61	0.00030
28.28	-14.14	0.00029	35.36	-21.21	0.00027
42.43	-28.28	0.00025	49.50	-35.36	0.00023
56.57	-42.43	0.00021	63.64	-49.50	0.00019
70.71	-56.57	0.00017	77.78	-63.64	0.00016
-56.57	84.85	0.00044	-49.50	77.78	0.00044
-42.43	70.71	0.00043	-35.36	63.64	0.00042
-28.28	56.57	0.00041	-21.21	49.50	0.00039
-14.14	42.43	0.00038	-7.07	35.36	0.00037
-3.54	31.82	0.00037	0.00	28.28	0.00036
2.12	26.16	0.00036	3.54	24.75	0.00036
4.95	23.33	0.00035	6.36	21.92	0.00035
7.78	20.51	0.00035	20.51	7.78	0.00031

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

21.92	6.36	0.00030	23.33	4.95	0.00030
24.75	3.54	0.00029	26.16	2.12	0.00029
28.28	0.00	0.00028	31.82	-3.54	0.00027
35.36	-7.07	0.00026	42.43	-14.14	0.00025
49.50	-21.21	0.00023	56.57	-28.28	0.00021
63.64	-35.36	0.00020	70.71	-42.43	0.00018
77.78	-49.50	0.00016	84.85	-56.57	0.00015
-49.50	91.92	0.00040	-42.43	84.85	0.00040
-35.36	77.78	0.00039	-28.28	70.71	0.00038
-21.21	63.64	0.00037	-14.14	56.57	0.00036
-7.07	49.50	0.00035	0.00	42.43	0.00034
3.54	38.89	0.00033	7.07	35.36	0.00033
9.19	33.23	0.00033	10.61	31.82	0.00032
12.02	30.41	0.00032	13.44	28.99	0.00032
14.85	27.58	0.00032	27.58	14.85	0.00028
28.99	13.44	0.00028	30.41	12.02	0.00027
31.82	10.61	0.00027	33.23	9.19	0.00026
35.36	7.07	0.00026	38.89	3.54	0.00025
42.43	0.00	0.00024	49.50	-7.07	0.00023
56.57	-14.14	0.00022	63.64	-21.21	0.00020
70.71	-28.28	0.00018	77.78	-35.36	0.00017
84.85	-42.43	0.00015	91.92	-49.50	0.00014
-42.43	98.99	0.00037	-35.36	91.92	0.00036
-28.28	84.85	0.00036	-21.21	77.78	0.00034
-14.14	70.71	0.00033	-7.07	63.64	0.00032
0.00	56.57	0.00031	7.07	49.50	0.00031
10.61	45.96	0.00030	14.14	42.43	0.00030

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00030	17.68	38.89	0.00030
19.09	37.48	0.00029	20.51	36.06	0.00029
21.92	34.65	0.00029	34.65	21.92	0.00026
36.06	20.51	0.00025	37.48	19.09	0.00025
38.89	17.68	0.00025	40.31	16.26	0.00024
42.43	14.14	0.00024	45.96	10.61	0.00023
49.50	7.07	0.00022	56.57	0.00	0.00021

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

63.64	-7.07	0.00020	70.71	-14.14	0.00019
77.78	-21.21	0.00017	84.85	-28.28	0.00016
91.92	-35.36	0.00015	98.99	-42.43	0.00014
-35.36	106.07	0.00034	-28.28	98.99	0.00033
-21.21	91.92	0.00032	-14.14	84.85	0.00031
-7.07	77.78	0.00030	0.00	70.71	0.00029
7.07	63.64	0.00029	14.14	56.57	0.00028
17.68	53.03	0.00028	21.21	49.50	0.00028
23.33	47.38	0.00027	24.75	45.96	0.00027
26.16	44.55	0.00027	27.58	43.13	0.00027
28.99	41.72	0.00026	41.72	28.99	0.00024
43.13	27.58	0.00023	44.55	26.16	0.00023
45.96	24.75	0.00023	47.38	23.33	0.00022
49.50	21.21	0.00022	53.03	17.68	0.00021
56.57	14.14	0.00021	63.64	7.07	0.00020
70.71	0.00	0.00019	77.78	-7.07	0.00018
84.85	-14.14	0.00016	91.92	-21.21	0.00015
98.99	-28.28	0.00014	106.07	-35.36	0.00013
-28.28	113.14	0.00031	-21.21	106.07	0.00030
-14.14	98.99	0.00029	-7.07	91.92	0.00029
0.00	84.85	0.00028	7.07	77.78	0.00027
14.14	70.71	0.00026	21.21	63.64	0.00026
24.75	60.10	0.00026	28.28	56.57	0.00025
30.41	54.45	0.00025	31.82	53.03	0.00025
33.23	51.62	0.00025	34.65	50.20	0.00025
36.06	48.79	0.00024	48.79	36.06	0.00022
50.20	34.65	0.00022	51.62	33.23	0.00021
53.03	31.82	0.00021	54.45	30.41	0.00021
56.57	28.28	0.00020	60.10	24.75	0.00020
63.64	21.21	0.00019	70.71	14.14	0.00018
77.78	7.07	0.00017	84.85	0.00	0.00016
91.92	-7.07	0.00015	98.99	-14.14	0.00014
106.07	-21.21	0.00013	113.14	-28.28	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00028	-14.14	113.14	0.00028

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-7.07	106.07	0.00027	0.00	98.99	0.00026
7.07	91.92	0.00025	14.14	84.85	0.00025
21.21	77.78	0.00024	28.28	70.71	0.00024
31.82	67.18	0.00024	35.36	63.64	0.00023
37.48	61.52	0.00023	38.89	60.10	0.00023
40.31	58.69	0.00023	41.72	57.28	0.00023
43.13	55.86	0.00022	55.86	43.13	0.00020
57.28	41.72	0.00020	58.69	40.31	0.00020
60.10	38.89	0.00020	61.52	37.48	0.00019
63.64	35.36	0.00019	67.18	31.82	0.00018
70.71	28.28	0.00018	77.78	21.21	0.00017
84.85	14.14	0.00016	91.92	7.07	0.00015
98.99	0.00	0.00015	106.07	-7.07	0.00014
113.14	-14.14	0.00013	120.21	-21.21	0.00012
-14.14	127.28	0.00026	-7.07	120.21	0.00025
0.00	113.14	0.00025	7.07	106.07	0.00024
14.14	98.99	0.00023	21.21	91.92	0.00023
28.28	84.85	0.00023	35.36	77.78	0.00022
38.89	74.25	0.00022	42.43	70.71	0.00022
44.55	68.59	0.00021	45.96	67.18	0.00021
47.38	65.76	0.00021	48.79	64.35	0.00021
50.20	62.93	0.00021	62.93	50.20	0.00019
64.35	48.79	0.00019	65.76	47.38	0.00018
67.18	45.96	0.00018	68.59	44.55	0.00018
70.71	42.43	0.00018	74.25	38.89	0.00017
77.78	35.36	0.00017	84.85	28.28	0.00016
91.92	21.21	0.00015	98.99	14.14	0.00015
106.07	7.07	0.00014	113.14	0.00	0.00013
120.21	-7.07	0.00012	127.28	-14.14	0.00011
-7.07	134.35	0.00024	0.00	127.28	0.00023
7.07	120.21	0.00023	14.14	113.14	0.00022
21.21	106.07	0.00022	28.28	98.99	0.00021
35.36	91.92	0.00021	42.43	84.85	0.00021
45.96	81.32	0.00020	49.50	77.78	0.00020
51.62	75.66	0.00020	53.03	74.25	0.00020
54.45	72.83	0.00020	55.86	71.42	0.00019
57.28	70.00	0.00019	70.00	57.28	0.00018
71.42	55.86	0.00017	72.83	54.45	0.00017
74.25	53.03	0.00017	75.66	51.62	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
77.78	49.50	0.00016	81.32	45.96	0.00016	
84.85	42.43	0.00016	91.92	35.36	0.00015	
98.99	28.28	0.00014	106.07	21.21	0.00014	
113.14	14.14	0.00013	120.21	7.07	0.00012	
127.28	0.00	0.00012	134.35	-7.07	0.00011	
0.00	141.42	0.00022	7.07	134.35	0.00022	
14.14	127.28	0.00021	21.21	120.21	0.00021	
28.28	113.14	0.00020	35.36	106.07	0.00020	
42.43	98.99	0.00019	49.50	91.92	0.00019	
53.03	88.39	0.00019	56.57	84.85	0.00019	
58.69	82.73	0.00019	60.10	81.32	0.00018	
61.52	79.90	0.00018	62.93	78.49	0.00018	
64.35	77.07	0.00018	77.07	64.35	0.00016	
78.49	62.93	0.00016	79.90	61.52	0.00016	
81.32	60.10	0.00016	82.73	58.69	0.00016	
84.85	56.57	0.00015	88.39	53.03	0.00015	
91.92	49.50	0.00015	98.99	42.43	0.00014	
106.07	35.36	0.00013	113.14	28.28	0.00013	
120.21	21.21	0.00012	127.28	14.14	0.00012	
134.35	7.07	0.00011	141.42	0.00	0.00010	
7.07	148.49	0.00021	14.14	141.42	0.00020	
21.21	134.35	0.00020	28.28	127.28	0.00019	
35.36	120.21	0.00019	42.43	113.14	0.00018	
49.50	106.07	0.00018	56.57	98.99	0.00018	
60.10	95.46	0.00018	63.64	91.92	0.00017	
65.76	89.80	0.00017	67.18	88.39	0.00017	
68.59	86.97	0.00017	70.00	85.56	0.00017	
71.42	84.15	0.00017	84.15	71.42	0.00015	
85.56	70.00	0.00015	86.97	68.59	0.00015	
88.39	67.18	0.00015	89.80	65.76	0.00015	
91.92	63.64	0.00014	95.46	60.10	0.00014	
98.99	56.57	0.00014	106.07	49.50	0.00013	
113.14	42.43	0.00013	120.21	35.36	0.00012	
127.28	28.28	0.00012	134.35	21.21	0.00011	
141.42	14.14	0.00010	148.49	7.07	0.00010	
14.14	155.56	0.00019	21.21	148.49	0.00019	
28.28	141.42	0.00018	35.36	134.35	0.00018	
42.43	127.28	0.00017	49.50	120.21	0.00017	
56.57	113.14	0.00017	63.64	106.07	0.00017	

67.18 102.53 0.00017 70.71 98.99 0.00016

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00016	74.25	95.46	0.00016
75.66	94.05	0.00016	77.07	92.63	0.00016
78.49	91.22	0.00016	91.22	78.49	0.00014
92.63	77.07	0.00014	94.05	75.66	0.00014
95.46	74.25	0.00014	96.87	72.83	0.00014
98.99	70.71	0.00014	102.53	67.18	0.00013
106.07	63.64	0.00013	113.14	56.57	0.00012
120.21	49.50	0.00012	127.28	42.43	0.00011
134.35	35.36	0.00011	141.42	28.28	0.00011
148.49	21.21	0.00010	155.56	14.14	0.00009
21.21	162.63	0.00018	28.28	155.56	0.00017
35.36	148.49	0.00017	42.43	141.42	0.00017
49.50	134.35	0.00016	56.57	127.28	0.00016
63.64	120.21	0.00016	70.71	113.14	0.00016
74.25	109.60	0.00016	77.78	106.07	0.00015
79.90	103.94	0.00015	81.32	102.53	0.00015
82.73	101.12	0.00015	84.15	99.70	0.00015
85.56	98.29	0.00015	98.29	85.56	0.00014
99.70	84.15	0.00013	101.12	82.73	0.00013
102.53	81.32	0.00013	103.94	79.90	0.00013
106.07	77.78	0.00013	109.60	74.25	0.00013
113.14	70.71	0.00012	120.21	63.64	0.00012
127.28	56.57	0.00011	134.35	49.50	0.00011
141.42	42.43	0.00010	148.49	35.36	0.00010
155.56	28.28	0.00010	162.63	21.21	0.00009
28.28	169.71	0.00017	35.36	162.63	0.00016
42.43	155.56	0.00016	49.50	148.49	0.00016
56.57	141.42	0.00015	63.64	134.35	0.00015
70.71	127.28	0.00015	77.78	120.21	0.00015
81.32	116.67	0.00015	84.85	113.14	0.00014
86.97	111.02	0.00014	88.39	109.60	0.00014
89.80	108.19	0.00014	91.22	106.77	0.00014
92.63	105.36	0.00014	105.36	92.63	0.00013

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

106.77	91.22	0.00013	108.19	89.80	0.00013
109.60	88.39	0.00012	111.02	86.97	0.00012
113.14	84.85	0.00012	116.67	81.32	0.00012
120.21	77.78	0.00012	127.28	70.71	0.00011
134.35	63.64	0.00011	141.42	56.57	0.00010
148.49	49.50	0.00010	155.56	42.43	0.00010
162.63	35.36	0.00009	169.71	28.28	0.00009

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00016	42.43	169.71	0.00015
49.50	162.63	0.00015	56.57	155.56	0.00015
63.64	148.49	0.00014	70.71	141.42	0.00014
77.78	134.35	0.00014	84.85	127.28	0.00014
88.39	123.74	0.00014	91.92	120.21	0.00014
94.05	118.09	0.00013	95.46	116.67	0.00013
96.87	115.26	0.00013	98.29	113.84	0.00013
99.70	112.43	0.00013	112.43	99.70	0.00012
113.84	98.29	0.00012	115.26	96.87	0.00012
116.67	95.46	0.00012	118.09	94.05	0.00012
120.21	91.92	0.00011	123.74	88.39	0.00011
127.28	84.85	0.00011	134.35	77.78	0.00010
141.42	70.71	0.00010	148.49	63.64	0.00010
155.56	56.57	0.00009	162.63	49.50	0.00009
169.71	42.43	0.00009	176.78	35.36	0.00008
42.43	183.85	0.00015	49.50	176.78	0.00014
56.57	169.71	0.00014	63.64	162.63	0.00014
70.71	155.56	0.00014	77.78	148.49	0.00013
84.85	141.42	0.00013	91.92	134.35	0.00013
95.46	130.81	0.00013	98.99	127.28	0.00013
101.12	125.16	0.00013	102.53	123.74	0.00013
103.94	122.33	0.00013	105.36	120.92	0.00012
106.77	119.50	0.00012	119.50	106.77	0.00011
120.92	105.36	0.00011	122.33	103.94	0.00011
123.74	102.53	0.00011	125.16	101.12	0.00011
127.28	98.99	0.00011	130.81	95.46	0.00011
134.35	91.92	0.00010	141.42	84.85	0.00010

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

148.49	77.78	0.00010	155.56	70.71	0.00009
162.63	63.64	0.00009	169.71	56.57	0.00009
176.78	49.50	0.00008	183.85	42.43	0.00008
49.50	190.92	0.00014	56.57	183.85	0.00013
63.64	176.78	0.00013	70.71	169.71	0.00013
77.78	162.63	0.00013	84.85	155.56	0.00013
91.92	148.49	0.00013	98.99	141.42	0.00012
102.53	137.89	0.00012	106.07	134.35	0.00012
108.19	132.23	0.00012	109.60	130.81	0.00012
111.02	129.40	0.00012	112.43	127.99	0.00012
113.84	126.57	0.00012	126.57	113.84	0.00011
127.99	112.43	0.00011	129.40	111.02	0.00011
130.81	109.60	0.00011	132.23	108.19	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00010	137.89	102.53	0.00010
141.42	98.99	0.00010	148.49	91.92	0.00009
155.56	84.85	0.00009	162.63	77.78	0.00009
169.71	70.71	0.00009	176.78	63.64	0.00008
183.85	56.57	0.00008	190.92	49.50	0.00008
56.57	197.99	0.00013	63.64	190.92	0.00013
70.71	183.85	0.00012	77.78	176.78	0.00012
84.85	169.71	0.00012	91.92	162.63	0.00012
98.99	155.56	0.00012	106.07	148.49	0.00012
109.60	144.96	0.00012	113.14	141.42	0.00011
115.26	139.30	0.00011	116.67	137.89	0.00011
118.09	136.47	0.00011	119.50	135.06	0.00011
120.92	133.64	0.00011	133.64	120.92	0.00010
135.06	119.50	0.00010	136.47	118.09	0.00010
137.89	116.67	0.00010	139.30	115.26	0.00010
141.42	113.14	0.00010	144.96	109.60	0.00010
148.49	106.07	0.00009	155.56	98.99	0.00009
162.63	91.92	0.00009	169.71	84.85	0.00008
176.78	77.78	0.00008	183.85	70.71	0.00008
190.92	63.64	0.00008	197.99	56.57	0.00007
63.64	205.06	0.00012	70.71	197.99	0.00012

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

77.78	190.92	0.00012	84.85	183.85	0.00012
91.92	176.78	0.00012	98.99	169.71	0.00011
106.07	162.63	0.00011	113.14	155.56	0.00011
116.67	152.03	0.00011	120.21	148.49	0.00011
122.33	146.37	0.00011	123.74	144.96	0.00011
125.16	143.54	0.00011	126.57	142.13	0.00011
127.99	140.71	0.00011	140.71	127.99	0.00010
142.13	126.57	0.00010	143.54	125.16	0.00010
144.96	123.74	0.00010	146.37	122.33	0.00009
148.49	120.21	0.00009	152.03	116.67	0.00009
155.56	113.14	0.00009	162.63	106.07	0.00009
169.71	98.99	0.00008	176.78	91.92	0.00008
183.85	84.85	0.00008	190.92	77.78	0.00008
197.99	70.71	0.00007	205.06	63.64	0.00007
70.71	212.13	0.00012	77.78	205.06	0.00011
84.85	197.99	0.00011	91.92	190.92	0.00011
98.99	183.85	0.00011	106.07	176.78	0.00011
113.14	169.71	0.00011	120.21	162.63	0.00011
123.74	159.10	0.00010	127.28	155.56	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00010	130.81	152.03	0.00010
132.23	150.61	0.00010	133.64	149.20	0.00010
135.06	147.79	0.00010	147.79	135.06	0.00009
149.20	133.64	0.00009	150.61	132.23	0.00009
152.03	130.81	0.00009	153.44	129.40	0.00009
155.56	127.28	0.00009	159.10	123.74	0.00009
162.63	120.21	0.00009	169.71	113.14	0.00008
176.78	106.07	0.00008	183.85	98.99	0.00008
190.92	91.92	0.00007	197.99	84.85	0.00007
205.06	77.78	0.00007	212.13	70.71	0.00007
77.78	219.20	0.00011	84.85	212.13	0.00011
91.92	205.06	0.00011	98.99	197.99	0.00010
106.07	190.92	0.00010	113.14	183.85	0.00010
120.21	176.78	0.00010	127.28	169.71	0.00010
130.81	166.17	0.00010	134.35	162.63	0.00010

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

136.47	160.51	0.00010	137.89	159.10	0.00010
139.30	157.68	0.00010	140.71	156.27	0.00010
142.13	154.86	0.00010	154.86	142.13	0.00009
156.27	140.71	0.00009	157.68	139.30	0.00009
159.10	137.89	0.00009	160.51	136.47	0.00009
162.63	134.35	0.00008	166.17	130.81	0.00008
169.71	127.28	0.00008	176.78	120.21	0.00008
183.85	113.14	0.00008	190.92	106.07	0.00007
197.99	98.99	0.00007	205.06	91.92	0.00007
212.13	84.85	0.00007	219.20	77.78	0.00007
84.85	226.27	0.00010	91.92	219.20	0.00010
98.99	212.13	0.00010	106.07	205.06	0.00010
113.14	197.99	0.00010	120.21	190.92	0.00010
127.28	183.85	0.00010	134.35	176.78	0.00010
137.89	173.24	0.00009	141.42	169.71	0.00009
143.54	167.58	0.00009	144.96	166.17	0.00009
146.37	164.76	0.00009	147.79	163.34	0.00009
149.20	161.93	0.00009	161.93	149.20	0.00008
163.34	147.79	0.00008	164.76	146.37	0.00008
166.17	144.96	0.00008	167.58	143.54	0.00008
169.71	141.42	0.00008	173.24	137.89	0.00008
176.78	134.35	0.00008	183.85	127.28	0.00008
190.92	120.21	0.00007	197.99	113.14	0.00007
205.06	106.07	0.00007	212.13	98.99	0.00007
219.20	91.92	0.00006	226.27	84.85	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 , ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00010	98.99	226.27	0.00010
106.07	219.20	0.00010	113.14	212.13	0.00010
120.21	205.06	0.00009	127.28	197.99	0.00009
134.35	190.92	0.00009	141.42	183.85	0.00009
144.96	180.31	0.00009	148.49	176.78	0.00009
150.61	174.66	0.00009	152.03	173.24	0.00009
153.44	171.83	0.00009	154.86	170.41	0.00009
156.27	169.00	0.00009	169.00	156.27	0.00008
170.41	154.86	0.00008	171.83	153.44	0.00008

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

173.24	152.03	0.00008	174.66	150.61	0.00008
176.78	148.49	0.00008	180.31	144.96	0.00008
183.85	141.42	0.00007	190.92	134.35	0.00007
197.99	127.28	0.00007	205.06	120.21	0.00007
212.13	113.14	0.00007	219.20	106.07	0.00006
226.27	98.99	0.00006	233.35	91.92	0.00006
98.99	240.42	0.00009	106.07	233.35	0.00009
113.14	226.27	0.00009	120.21	219.20	0.00009
127.28	212.13	0.00009	134.35	205.06	0.00009
141.42	197.99	0.00009	148.49	190.92	0.00009
152.03	187.38	0.00009	155.56	183.85	0.00009
157.68	181.73	0.00008	159.10	180.31	0.00008
160.51	178.90	0.00008	161.93	177.48	0.00008
163.34	176.07	0.00008	176.07	163.34	0.00008
177.48	161.93	0.00008	178.90	160.51	0.00008
180.31	159.10	0.00008	181.73	157.68	0.00008
183.85	155.56	0.00007	187.38	152.03	0.00007
190.92	148.49	0.00007	197.99	141.42	0.00007
205.06	134.35	0.00007	212.13	127.28	0.00006
219.20	120.21	0.00006	226.27	113.14	0.00006
233.35	106.07	0.00006	240.42	98.99	0.00006
106.07	247.49	0.00009	113.14	240.42	0.00009
120.21	233.35	0.00009	127.28	226.27	0.00009
134.35	219.20	0.00009	141.42	212.13	0.00009
148.49	205.06	0.00008	155.56	197.99	0.00008
159.10	194.45	0.00008	162.63	190.92	0.00008
164.76	188.80	0.00008	166.17	187.38	0.00008
167.58	185.97	0.00008	169.00	184.55	0.00008
170.41	183.14	0.00008	183.14	170.41	0.00007
184.55	169.00	0.00007	185.97	167.58	0.00007
187.38	166.17	0.00007	188.80	164.76	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 17:53:19
 **MODELOPTs:
 PAGE 122
 CONC URBAN FLAT FLGPOL DFAULT
 *** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00007	194.45	159.10	0.00007
197.99	155.56	0.00007	205.06	148.49	0.00007
212.13	141.42	0.00006	219.20	134.35	0.00006

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

226.27	127.28	0.00006	233.35	120.21	0.00006
240.42	113.14	0.00006	247.49	106.07	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00146	-240.42	-113.14	0.00162
-233.35	-120.21	0.00181	-226.27	-127.28	0.00203
-219.20	-134.35	0.00229	-212.13	-141.42	0.00261
-205.06	-148.49	0.00298	-197.99	-155.56	0.00341
-194.45	-159.10	0.00366	-190.92	-162.63	0.00391
-188.80	-164.76	0.00406	-187.38	-166.17	0.00415
-185.97	-167.58	0.00424	-184.55	-169.00	0.00432
-183.14	-170.41	0.00441	-170.41	-183.14	0.00463
-169.00	-184.55	0.00460	-167.58	-185.97	0.00457
-166.17	-187.38	0.00454	-164.76	-188.80	0.00449
-162.63	-190.92	0.00441	-159.10	-194.45	0.00422
-155.56	-197.99	0.00400	-148.49	-205.06	0.00354
-141.42	-212.13	0.00313	-134.35	-219.20	0.00279
-127.28	-226.27	0.00249	-120.21	-233.35	0.00224
-113.14	-240.42	0.00203	-106.07	-247.49	0.00184
-240.42	-98.99	0.00149	-233.35	-106.07	0.00166
-226.27	-113.14	0.00186	-219.20	-120.21	0.00209
-212.13	-127.28	0.00238	-205.06	-134.35	0.00273
-197.99	-141.42	0.00315	-190.92	-148.49	0.00367
-187.38	-152.03	0.00397	-183.85	-155.56	0.00429
-181.73	-157.68	0.00450	-180.31	-159.10	0.00465
-178.90	-160.51	0.00479	-177.48	-161.93	0.00493
-176.07	-163.34	0.00506	-163.34	-176.07	0.00546
-161.93	-177.48	0.00540	-160.51	-178.90	0.00533
-159.10	-180.31	0.00524	-157.68	-181.73	0.00513
-155.56	-183.85	0.00495	-152.03	-187.38	0.00464
-148.49	-190.92	0.00434	-141.42	-197.99	0.00379
-134.35	-205.06	0.00333	-127.28	-212.13	0.00294
-120.21	-219.20	0.00261	-113.14	-226.27	0.00233
-106.07	-233.35	0.00210	-98.99	-240.42	0.00190
-233.35	-91.92	0.00152	-226.27	-99.00	0.00169
-219.20	-106.07	0.00190	-212.13	-113.14	0.00215

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-205.06	-120.21	0.00245	-197.99	-127.28	0.00282
-190.92	-134.35	0.00328	-183.85	-141.42	0.00386
-180.31	-144.96	0.00420	-176.78	-148.49	0.00460
-174.66	-150.61	0.00487	-173.24	-152.03	0.00506
-171.83	-153.44	0.00527	-170.41	-154.86	0.00551
-169.00	-156.27	0.00577	-156.27	-169.00	0.00642
-154.86	-170.41	0.00622	-153.44	-171.83	0.00603
-152.03	-173.24	0.00585	-150.61	-174.66	0.00567

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00542	-144.96	-180.31	0.00502
-141.42	-183.85	0.00465	-134.35	-190.92	0.00402
-127.28	-197.99	0.00349	-120.21	-205.06	0.00306
-113.14	-212.13	0.00270	-106.07	-219.20	0.00240
-98.99	-226.27	0.00215	-91.92	-233.35	0.00194
-226.27	-84.85	0.00155	-219.20	-91.92	0.00173
-212.13	-99.00	0.00195	-205.06	-106.07	0.00221
-197.99	-113.14	0.00253	-190.92	-120.21	0.00292
-183.85	-127.28	0.00341	-176.78	-134.35	0.00403
-173.24	-137.89	0.00441	-169.71	-141.42	0.00486
-167.58	-143.54	0.00518	-166.17	-144.96	0.00542
-164.76	-146.37	0.00570	-163.34	-147.79	0.00607
-161.93	-149.20	0.00656	-149.20	-161.93	0.00702
-147.79	-163.34	0.00671	-146.37	-164.76	0.00645
-144.96	-166.17	0.00622	-143.54	-167.58	0.00600
-141.42	-169.71	0.00570	-137.89	-173.24	0.00525
-134.35	-176.78	0.00485	-127.28	-183.85	0.00416
-120.21	-190.92	0.00360	-113.14	-197.99	0.00315
-106.07	-205.06	0.00277	-98.99	-212.13	0.00246
-91.92	-219.20	0.00220	-84.85	-226.27	0.00198
-219.20	-77.78	0.00158	-212.13	-84.85	0.00177
-205.06	-91.92	0.00200	-197.99	-99.00	0.00228
-190.92	-106.07	0.00263	-183.85	-113.14	0.00307
-176.78	-120.21	0.00364	-169.71	-127.28	0.00444
-166.17	-130.81	0.00501	-162.63	-134.35	0.00576
-160.51	-136.47	0.00633	-159.10	-137.89	0.00678

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-157.68	-139.30	0.00729	-156.27	-140.71	0.00786
-154.86	-142.13	0.00855	-142.13	-154.86	0.00750
-140.71	-156.27	0.00710	-139.30	-157.68	0.00678
-137.89	-159.10	0.00650	-136.47	-160.51	0.00626
-134.35	-162.63	0.00593	-130.81	-166.17	0.00544
-127.28	-169.71	0.00501	-120.21	-176.78	0.00428
-113.14	-183.85	0.00369	-106.07	-190.92	0.00321
-98.99	-197.99	0.00282	-91.92	-205.06	0.00250
-84.85	-212.13	0.00223	-77.78	-219.20	0.00200
-212.13	-70.71	0.00163	-205.06	-77.78	0.00183
-197.99	-84.85	0.00209	-190.92	-91.92	0.00240
-183.85	-98.99	0.00280	-176.78	-106.07	0.00333
-169.71	-113.14	0.00408	-162.63	-120.21	0.00521
-159.10	-123.74	0.00598	-155.56	-127.28	0.00693

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00759	-152.03	-130.81	0.00807
-150.61	-132.23	0.00859	-149.20	-133.64	0.00915
-147.79	-135.06	0.00980	-135.06	-147.79	0.00799
-133.64	-149.20	0.00752	-132.23	-150.61	0.00714
-130.81	-152.03	0.00682	-129.40	-153.44	0.00653
-127.28	-155.56	0.00615	-123.74	-159.10	0.00562
-120.21	-162.63	0.00516	-113.14	-169.71	0.00439
-106.07	-176.78	0.00378	-98.99	-183.85	0.00328
-91.92	-190.92	0.00287	-84.85	-197.99	0.00254
-77.78	-205.06	0.00226	-70.71	-212.13	0.00203
-205.06	-63.64	0.00169	-197.99	-70.71	0.00192
-190.92	-77.78	0.00220	-183.85	-84.85	0.00257
-176.78	-91.92	0.00305	-169.71	-98.99	0.00371
-162.63	-106.07	0.00464	-155.56	-113.14	0.00597
-152.03	-116.67	0.00681	-148.49	-120.21	0.00779
-146.37	-122.33	0.00846	-144.96	-123.74	0.00892
-143.54	-125.16	0.00943	-142.13	-126.57	0.00997
-140.71	-127.99	0.01057	-127.99	-140.71	0.00841
-126.57	-142.13	0.00790	-125.16	-143.54	0.00748
-123.74	-144.96	0.00712	-122.33	-146.37	0.00681

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-120.21	-148.49	0.00639	-116.67	-152.03	0.00579
-113.14	-155.56	0.00530	-106.07	-162.63	0.00449
-98.99	-169.71	0.00385	-91.92	-176.78	0.00334
-84.85	-183.85	0.00292	-77.78	-190.92	0.00257
-70.71	-197.99	0.00229	-63.64	-205.06	0.00205
-197.99	-56.57	0.00177	-190.92	-63.64	0.00203
-183.85	-70.71	0.00236	-176.78	-77.78	0.00278
-169.71	-84.85	0.00335	-162.63	-91.92	0.00411
-155.56	-98.99	0.00516	-148.49	-106.07	0.00657
-144.96	-109.60	0.00743	-141.42	-113.14	0.00841
-139.30	-115.26	0.00905	-137.89	-116.67	0.00951
-136.47	-118.09	0.00999	-135.06	-119.50	0.01051
-133.64	-120.92	0.01110	-120.92	-133.64	0.00874
-119.50	-135.06	0.00821	-118.09	-136.47	0.00777
-116.67	-137.89	0.00739	-115.26	-139.30	0.00705
-113.14	-141.42	0.00660	-109.60	-144.96	0.00597
-106.07	-148.49	0.00544	-98.99	-155.56	0.00458
-91.92	-162.63	0.00392	-84.85	-169.71	0.00339
-77.78	-176.78	0.00296	-70.71	-183.85	0.00261
-63.64	-190.92	0.00232	-56.57	-197.99	0.00207

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00187	-183.85	-56.57	0.00217
-176.78	-63.64	0.00253	-169.71	-70.71	0.00301
-162.63	-77.78	0.00365	-155.56	-84.85	0.00449
-148.49	-91.92	0.00559	-141.42	-98.99	0.00702
-137.89	-102.53	0.00788	-134.35	-106.07	0.00884
-132.23	-108.19	0.00948	-130.81	-109.60	0.00993
-129.40	-111.02	0.01040	-127.99	-112.43	0.01091
-126.57	-113.84	0.01148	-113.84	-126.57	0.00900
-112.43	-127.99	0.00845	-111.02	-129.40	0.00800
-109.60	-130.81	0.00761	-108.19	-132.23	0.00725
-106.07	-134.35	0.00678	-102.53	-137.89	0.00612
-98.99	-141.42	0.00556	-91.92	-148.49	0.00467
-84.85	-155.56	0.00398	-77.78	-162.63	0.00344
-70.71	-169.71	0.00300	-63.64	-176.78	0.00264

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-56.57	-183.85	0.00234	-49.50	-190.92	0.00209
-183.85	-42.43	0.00199	-176.78	-49.50	0.00231
-169.71	-56.57	0.00272	-162.63	-63.64	0.00324
-155.56	-70.71	0.00392	-148.49	-77.78	0.00480
-141.42	-84.85	0.00593	-134.35	-91.92	0.00737
-130.81	-95.46	0.00822	-127.28	-98.99	0.00917
-125.16	-101.12	0.00980	-123.74	-102.53	0.01024
-122.33	-103.94	0.01069	-120.92	-105.36	0.01120
-119.50	-106.77	0.01176	-106.77	-119.50	0.00921
-105.36	-120.92	0.00865	-103.94	-122.33	0.00818
-102.53	-123.74	0.00778	-101.12	-125.16	0.00742
-98.99	-127.28	0.00694	-95.46	-130.81	0.00625
-91.92	-134.35	0.00568	-84.85	-141.42	0.00475
-77.78	-148.49	0.00404	-70.71	-155.56	0.00348
-63.64	-162.63	0.00303	-56.57	-169.71	0.00266
-49.50	-176.78	0.00236	-42.43	-183.85	0.00211
-176.78	-35.36	0.00211	-169.71	-42.43	0.00246
-162.63	-49.50	0.00290	-155.56	-56.57	0.00346
-148.49	-63.64	0.00416	-141.42	-70.71	0.00506
-134.35	-77.78	0.00620	-127.28	-84.85	0.00763
-123.74	-88.39	0.00848	-120.21	-91.92	0.00942
-118.09	-94.05	0.01004	-116.67	-95.46	0.01047
-115.26	-96.87	0.01093	-113.84	-98.29	0.01142
-112.43	-99.70	0.01198	-99.70	-112.43	0.00937
-98.29	-113.84	0.00881	-96.87	-115.26	0.00833
-95.46	-116.67	0.00793	-94.05	-118.09	0.00756

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00707	-88.39	-123.74	0.00637
-84.85	-127.28	0.00577	-77.78	-134.35	0.00482
-70.71	-141.42	0.00409	-63.64	-148.49	0.00352
-56.57	-155.56	0.00306	-49.50	-162.63	0.00269
-42.43	-169.71	0.00238	-35.36	-176.78	0.00212
-169.71	-28.28	0.00223	-162.63	-35.36	0.00260
-155.56	-42.43	0.00306	-148.49	-49.50	0.00364
-141.42	-56.57	0.00436	-134.35	-63.64	0.00527

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-70.71	0.00641	-120.21	-77.78	0.00784
-116.67	-81.32	0.00868	-113.14	-84.85	0.00961
-111.02	-86.97	0.01021	-109.60	-88.39	0.01064
-108.19	-89.80	0.01110	-106.77	-91.22	0.01162
-105.36	-92.63	0.01219	-92.63	-105.36	0.00951
-91.22	-106.77	0.00893	-89.80	-108.19	0.00845
-88.39	-109.60	0.00804	-86.97	-111.02	0.00767
-84.85	-113.14	0.00717	-81.32	-116.67	0.00646
-77.78	-120.21	0.00585	-70.71	-127.28	0.00489
-63.64	-134.35	0.00414	-56.57	-141.42	0.00356
-49.50	-148.49	0.00309	-42.43	-155.56	0.00271
-35.36	-162.63	0.00239	-28.28	-169.71	0.00213
-162.63	-21.21	0.00234	-155.56	-28.28	0.00273
-148.49	-35.36	0.00321	-141.42	-42.43	0.00380
-134.35	-49.50	0.00453	-127.28	-56.57	0.00544
-120.21	-63.64	0.00658	-113.14	-70.71	0.00800
-109.60	-74.25	0.00883	-106.07	-77.78	0.00975
-103.94	-79.90	0.01036	-102.53	-81.32	0.01079
-101.12	-82.73	0.01124	-99.70	-84.15	0.01175
-98.29	-85.56	0.01233	-85.56	-98.29	0.00961
-84.15	-99.70	0.00904	-82.73	-101.12	0.00855
-81.32	-102.53	0.00814	-79.90	-103.94	0.00776
-77.78	-106.07	0.00726	-74.25	-109.60	0.00654
-70.71	-113.14	0.00593	-63.64	-120.21	0.00494
-56.57	-127.28	0.00419	-49.50	-134.35	0.00359
-42.43	-141.42	0.00311	-35.36	-148.49	0.00272
-28.28	-155.56	0.00240	-21.21	-162.63	0.00214
-155.56	-14.14	0.00245	-148.49	-21.21	0.00285
-141.42	-28.28	0.00333	-134.35	-35.36	0.00393
-127.28	-42.43	0.00467	-120.21	-49.50	0.00559
-113.14	-56.57	0.00672	-106.07	-63.64	0.00813
-102.53	-67.18	0.00896	-98.99	-70.71	0.00987

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.01048	-95.46	-74.25	0.01091
-94.05	-75.66	0.01136	-92.63	-77.07	0.01185

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-91.22	-78.49	0.01242	-78.49	-91.22	0.00968
-77.07	-92.63	0.00911	-75.66	-94.05	0.00863
-74.25	-95.46	0.00821	-72.83	-96.87	0.00784
-70.71	-98.99	0.00733	-67.18	-102.53	0.00661
-63.64	-106.07	0.00599	-56.57	-113.14	0.00499
-49.50	-120.21	0.00422	-42.43	-127.28	0.00362
-35.36	-134.35	0.00313	-28.28	-141.42	0.00274
-21.21	-148.49	0.00241	-14.14	-155.56	0.00214
-148.49	-7.07	0.00254	-141.42	-14.14	0.00295
-134.35	-21.21	0.00344	-127.28	-28.28	0.00404
-120.21	-35.36	0.00479	-113.14	-42.43	0.00570
-106.07	-49.50	0.00684	-98.99	-56.57	0.00824
-95.46	-60.10	0.00905	-91.92	-63.64	0.00997
-89.80	-65.76	0.01057	-88.39	-67.18	0.01100
-86.97	-68.59	0.01145	-85.56	-70.00	0.01194
-84.15	-71.42	0.01250	-71.42	-84.15	0.00974
-70.00	-85.56	0.00917	-68.59	-86.97	0.00869
-67.18	-88.39	0.00827	-65.76	-89.80	0.00790
-63.64	-91.92	0.00739	-60.10	-95.46	0.00666
-56.57	-98.99	0.00604	-49.50	-106.07	0.00503
-42.43	-113.14	0.00425	-35.36	-120.21	0.00364
-28.28	-127.28	0.00315	-21.21	-134.35	0.00275
-14.14	-141.42	0.00242	-7.07	-148.49	0.00215
-141.42	0.00	0.00262	-134.35	-7.07	0.00304
-127.28	-14.14	0.00353	-120.21	-21.21	0.00414
-113.14	-28.28	0.00488	-106.07	-35.36	0.00580
-98.99	-42.43	0.00692	-91.92	-49.50	0.00832
-88.39	-53.03	0.00913	-84.85	-56.57	0.01004
-82.73	-58.69	0.01064	-81.32	-60.10	0.01106
-79.90	-61.52	0.01152	-78.49	-62.93	0.01201
-77.07	-64.35	0.01257	-64.35	-77.07	0.00980
-62.93	-78.49	0.00922	-61.52	-79.90	0.00874
-60.10	-81.32	0.00832	-58.69	-82.73	0.00794
-56.57	-84.85	0.00743	-53.03	-88.39	0.00670
-49.50	-91.92	0.00608	-42.43	-98.99	0.00506
-35.36	-106.07	0.00428	-28.28	-113.14	0.00366
-21.21	-120.21	0.00316	-14.14	-127.28	0.00276
-7.07	-134.35	0.00243	0.00	-141.42	0.00215

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00270	-127.28	0.00	0.00311
-120.21	-7.07	0.00361	-113.14	-14.14	0.00422
-106.07	-21.21	0.00496	-98.99	-28.28	0.00587
-91.92	-35.36	0.00700	-84.85	-42.43	0.00838
-81.32	-45.96	0.00920	-77.78	-49.50	0.01010
-75.66	-51.62	0.01070	-74.25	-53.03	0.01112
-72.83	-54.45	0.01158	-71.42	-55.86	0.01207
-70.00	-57.28	0.01262	-57.28	-70.00	0.00984
-55.86	-71.42	0.00927	-54.45	-72.83	0.00878
-53.03	-74.25	0.00836	-51.62	-75.66	0.00798
-49.50	-77.78	0.00747	-45.96	-81.32	0.00674
-42.43	-84.85	0.00611	-35.36	-91.92	0.00509
-28.28	-98.99	0.00430	-21.21	-106.07	0.00367
-14.14	-113.14	0.00317	-7.07	-120.21	0.00276
0.00	-127.28	0.00243	7.07	-134.35	0.00215
-127.28	14.14	0.00276	-120.21	7.07	0.00318
-113.14	0.00	0.00368	-106.07	-7.07	0.00429
-98.99	-14.14	0.00503	-91.92	-21.21	0.00594
-84.85	-28.28	0.00705	-77.78	-35.36	0.00844
-74.25	-38.89	0.00925	-70.71	-42.43	0.01015
-68.59	-44.55	0.01075	-67.18	-45.96	0.01117
-65.76	-47.38	0.01163	-64.35	-48.79	0.01211
-62.93	-50.20	0.01266	-50.20	-62.93	0.00988
-48.79	-64.35	0.00930	-47.38	-65.76	0.00882
-45.96	-67.18	0.00839	-44.55	-68.59	0.00801
-42.43	-70.71	0.00750	-38.89	-74.25	0.00676
-35.36	-77.78	0.00613	-28.28	-84.85	0.00511
-21.21	-91.92	0.00431	-14.14	-98.99	0.00368
-7.07	-106.07	0.00318	0.00	-113.14	0.00277
7.07	-120.21	0.00243	14.14	-127.28	0.00215
-120.21	21.21	0.00281	-113.14	14.14	0.00323
-106.07	7.07	0.00373	-98.99	0.00	0.00434
-91.92	-7.07	0.00508	-84.85	-14.14	0.00598
-77.78	-21.21	0.00710	-70.71	-28.28	0.00847
-67.18	-31.82	0.00928	-63.64	-35.36	0.01019
-61.52	-37.48	0.01079	-60.10	-38.89	0.01122
-58.69	-40.31	0.01166	-57.28	-41.72	0.01215
-55.86	-43.13	0.01270	-43.13	-55.86	0.00991
-41.72	-57.28	0.00933	-40.31	-58.69	0.00884
-38.89	-60.10	0.00842	-37.48	-61.52	0.00803

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00752	-31.82	-67.18	0.00678
-28.28	-70.71	0.00615	-21.21	-77.78	0.00512
-14.14	-84.85	0.00432	-7.07	-91.92	0.00369
0.00	-98.99	0.00318	7.07	-106.07	0.00277
14.14	-113.14	0.00243	21.21	-120.21	0.00214
-113.14	28.28	0.00286	-106.07	21.21	0.00328
-98.99	14.14	0.00378	-91.92	7.07	0.00439
-84.85	0.00	0.00512	-77.78	-7.07	0.00602
-70.71	-14.14	0.00713	-63.64	-21.21	0.00850
-60.10	-24.75	0.00932	-56.57	-28.28	0.01023
-54.45	-30.41	0.01082	-53.03	-31.82	0.01125
-51.62	-33.23	0.01169	-50.20	-34.65	0.01218
-48.79	-36.06	0.01273	-36.06	-48.79	0.00994
-34.65	-50.20	0.00935	-33.23	-51.62	0.00886
-31.82	-53.03	0.00843	-30.41	-54.45	0.00805
-28.28	-56.57	0.00753	-24.75	-60.10	0.00679
-21.21	-63.64	0.00616	-14.14	-70.71	0.00513
-7.07	-77.78	0.00433	0.00	-84.85	0.00369
7.07	-91.92	0.00318	14.14	-98.99	0.00277
21.21	-106.07	0.00242	28.28	-113.14	0.00214
-106.07	35.36	0.00289	-98.99	28.28	0.00331
-91.92	21.21	0.00382	-84.85	14.14	0.00442
-77.78	7.07	0.00515	-70.71	0.00	0.00605
-63.64	-7.07	0.00715	-56.57	-14.14	0.00852
-53.03	-17.68	0.00934	-49.50	-21.21	0.01025
-47.38	-23.33	0.01084	-45.96	-24.75	0.01126
-44.55	-26.16	0.01171	-43.13	-27.58	0.01222
-41.72	-28.99	0.01278	-28.99	-41.72	0.00995
-27.58	-43.13	0.00936	-26.16	-44.55	0.00886
-24.75	-45.96	0.00844	-23.33	-47.38	0.00806
-21.21	-49.50	0.00754	-17.68	-53.03	0.00680
-14.14	-56.57	0.00616	-7.07	-63.64	0.00513
0.00	-70.71	0.00433	7.07	-77.78	0.00369
14.14	-84.85	0.00318	21.21	-91.92	0.00276

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

28.28	-98.99	0.00242	35.36	-106.07	0.00213
-98.99	42.43	0.00292	-91.92	35.36	0.00335
-84.85	28.28	0.00385	-77.78	21.21	0.00445
-70.71	14.14	0.00518	-63.64	7.07	0.00607
-56.57	0.00	0.00717	-49.50	-7.07	0.00854
-45.96	-10.61	0.00935	-42.43	-14.14	0.01026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 131
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.01085	-38.89	-17.68	0.01128
-37.48	-19.09	0.01172	-36.06	-20.51	0.01223
-34.65	-21.92	0.01279	-21.92	-34.65	0.00996
-20.51	-36.06	0.00937	-19.09	-37.48	0.00887
-17.68	-38.89	0.00845	-16.26	-40.31	0.00806
-14.14	-42.43	0.00754	-10.61	-45.96	0.00680
-7.07	-49.50	0.00616	0.00	-56.57	0.00513
7.07	-63.64	0.00433	14.14	-70.71	0.00369
21.21	-77.78	0.00317	28.28	-84.85	0.00275
35.36	-91.92	0.00241	42.43	-98.99	0.00212
-91.92	49.50	0.00295	-84.85	42.43	0.00337
-77.78	35.36	0.00387	-70.71	28.28	0.00447
-63.64	21.21	0.00519	-56.57	14.14	0.00608
-49.50	7.07	0.00718	-42.43	0.00	0.00855
-38.89	-3.54	0.00936	-35.36	-7.07	0.01026
-33.23	-9.19	0.01086	-31.82	-10.61	0.01128
-30.41	-12.02	0.01173	-28.99	-13.44	0.01222
-27.58	-14.85	0.01278	-14.85	-27.58	0.00994
-13.44	-28.99	0.00936	-12.02	-30.41	0.00887
-10.61	-31.82	0.00844	-9.19	-33.23	0.00806
-7.07	-35.36	0.00754	-3.54	-38.89	0.00680
0.00	-42.43	0.00616	7.07	-49.50	0.00513
14.14	-56.57	0.00432	21.21	-63.64	0.00368
28.28	-70.71	0.00316	35.36	-77.78	0.00274
42.43	-84.85	0.00239	49.50	-91.92	0.00211
-84.85	56.57	0.00297	-77.78	49.50	0.00338
-70.71	42.43	0.00388	-63.64	35.36	0.00448
-56.57	28.28	0.00520	-49.50	21.21	0.00609

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	14.14	0.00719	-35.36	7.07	0.00856
-31.82	3.54	0.00936	-28.28	0.00	0.01027
-26.16	-2.12	0.01086	-24.75	-3.54	0.01128
-23.33	-4.95	0.01173	-21.92	-6.36	0.01221
-20.51	-7.78	0.01277	-7.78	-20.51	0.00993
-6.36	-21.92	0.00935	-4.95	-23.33	0.00886
-3.54	-24.75	0.00843	-2.12	-26.16	0.00805
0.00	-28.28	0.00753	3.54	-31.82	0.00679
7.07	-35.36	0.00615	14.14	-42.43	0.00512
21.21	-49.50	0.00431	28.28	-56.57	0.00366
35.36	-63.64	0.00315	42.43	-70.71	0.00273
49.50	-77.78	0.00238	56.57	-84.85	0.00209

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00298	-70.71	56.57	0.00340
-63.64	49.50	0.00389	-56.57	42.43	0.00449
-49.50	35.36	0.00521	-42.43	28.28	0.00609
-35.36	21.21	0.00719	-28.28	14.14	0.00855
-24.75	10.61	0.00936	-21.21	7.07	0.01026
-19.09	4.95	0.01085	-17.68	3.54	0.01127
-16.26	2.12	0.01172	-14.85	0.71	0.01220
-13.44	-0.71	0.01275	-0.71	-13.44	0.00992
0.71	-14.85	0.00934	2.12	-16.26	0.00885
3.54	-17.68	0.00842	4.95	-19.09	0.00803
7.07	-21.21	0.00752	10.61	-24.75	0.00677
14.14	-28.28	0.00614	21.21	-35.36	0.00510
28.28	-42.43	0.00429	35.36	-49.50	0.00365
42.43	-56.57	0.00313	49.50	-63.64	0.00271
56.57	-70.71	0.00236	63.64	-77.78	0.00207
-70.71	70.71	0.00298	-63.64	63.64	0.00340
-56.57	56.57	0.00389	-49.50	49.50	0.00449
-42.43	42.43	0.00520	-35.36	35.36	0.00608
-28.28	28.28	0.00718	-21.21	21.21	0.00854
-17.68	17.68	0.00935	-14.14	14.14	0.01025
-12.02	12.02	0.01083	-10.61	10.61	0.01125
-9.19	9.19	0.01170	-7.78	7.78	0.01219

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-6.36	6.36	0.01274	6.36	-6.36	0.00990
7.78	-7.78	0.00932	9.19	-9.19	0.00883
10.61	-10.61	0.00840	12.02	-12.02	0.00801
14.14	-14.14	0.00750	17.68	-17.68	0.00675
21.21	-21.21	0.00612	28.28	-28.28	0.00508
35.36	-35.36	0.00427	42.43	-42.43	0.00363
49.50	-49.50	0.00311	56.57	-56.57	0.00269
63.64	-63.64	0.00234	70.71	-70.71	0.00204
-63.64	77.78	0.00299	-56.57	70.71	0.00340
-49.50	63.64	0.00389	-42.43	56.57	0.00448
-35.36	49.50	0.00520	-28.28	42.43	0.00607
-21.21	35.36	0.00716	-14.14	28.28	0.00853
-10.61	24.75	0.00933	-7.07	21.21	0.01022
-4.95	19.09	0.01082	-3.54	17.68	0.01124
-2.12	16.26	0.01169	-0.71	14.85	0.01217
0.71	13.44	0.01271	13.44	0.71	0.00988
14.85	-0.71	0.00929	16.26	-2.12	0.00881
17.68	-3.54	0.00837	19.09	-4.95	0.00799

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 133
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00747	24.75	-10.61	0.00673
28.28	-14.14	0.00609	35.36	-21.21	0.00505
42.43	-28.28	0.00424	49.50	-35.36	0.00360
56.57	-42.43	0.00308	63.64	-49.50	0.00266
70.71	-56.57	0.00231	77.78	-63.64	0.00202
-56.57	84.85	0.00298	-49.50	77.78	0.00339
-42.43	70.71	0.00388	-35.36	63.64	0.00447
-28.28	56.57	0.00518	-21.21	49.50	0.00606
-14.14	42.43	0.00715	-7.07	35.36	0.00850
-3.54	31.82	0.00930	0.00	28.28	0.01020
2.12	26.16	0.01080	3.54	24.75	0.01122
4.95	23.33	0.01166	6.36	21.92	0.01214
7.78	20.51	0.01269	20.51	7.78	0.00985
21.92	6.36	0.00927	23.33	4.95	0.00878
24.75	3.54	0.00835	26.16	2.12	0.00796
28.28	0.00	0.00744	31.82	-3.54	0.00669

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

35.36	-7.07	0.00606	42.43	-14.14	0.00502
49.50	-21.21	0.00421	56.57	-28.28	0.00357
63.64	-35.36	0.00305	70.71	-42.43	0.00263
77.78	-49.50	0.00228	84.85	-56.57	0.00199
-49.50	91.92	0.00298	-42.43	84.85	0.00338
-35.36	77.78	0.00387	-28.28	70.71	0.00445
-21.21	63.64	0.00516	-14.14	56.57	0.00603
-7.07	49.50	0.00712	0.00	42.43	0.00847
3.54	38.89	0.00927	7.07	35.36	0.01018
9.19	33.23	0.01077	10.61	31.82	0.01119
12.02	30.41	0.01163	13.44	28.99	0.01211
14.85	27.58	0.01266	27.58	14.85	0.00983
28.99	13.44	0.00924	30.41	12.02	0.00874
31.82	10.61	0.00831	33.23	9.19	0.00792
35.36	7.07	0.00740	38.89	3.54	0.00666
42.43	0.00	0.00602	49.50	-7.07	0.00498
56.57	-14.14	0.00418	63.64	-21.21	0.00354
70.71	-28.28	0.00302	77.78	-35.36	0.00259
84.85	-42.43	0.00224	91.92	-49.50	0.00195
-42.43	98.99	0.00296	-35.36	91.92	0.00337
-28.28	84.85	0.00385	-21.21	77.78	0.00443
-14.14	70.71	0.00514	-7.07	63.64	0.00601
0.00	56.57	0.00709	7.07	49.50	0.00843
10.61	45.96	0.00924	14.14	42.43	0.01014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
 PAGE 134
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.01072	17.68	38.89	0.01114
19.09	37.48	0.01158	20.51	36.06	0.01209
21.92	34.65	0.01265	34.65	21.92	0.00979
36.06	20.51	0.00919	37.48	19.09	0.00869
38.89	17.68	0.00826	40.31	16.26	0.00788
42.43	14.14	0.00736	45.96	10.61	0.00661
49.50	7.07	0.00597	56.57	0.00	0.00494
63.64	-7.07	0.00414	70.71	-14.14	0.00350
77.78	-21.21	0.00298	84.85	-28.28	0.00256
91.92	-35.36	0.00220	98.99	-42.43	0.00191

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	106.07	0.00295	-28.28	98.99	0.00335
-21.21	91.92	0.00382	-14.14	84.85	0.00440
-7.07	77.78	0.00510	0.00	70.71	0.00597
7.07	63.64	0.00705	14.14	56.57	0.00840
17.68	53.03	0.00919	21.21	49.50	0.01009
23.33	47.38	0.01068	24.75	45.96	0.01110
26.16	44.55	0.01154	27.58	43.13	0.01204
28.99	41.72	0.01260	41.72	28.99	0.00973
43.13	27.58	0.00915	44.55	26.16	0.00865
45.96	24.75	0.00822	47.38	23.33	0.00783
49.50	21.21	0.00731	53.03	17.68	0.00656
56.57	14.14	0.00592	63.64	7.07	0.00489
70.71	0.00	0.00409	77.78	-7.07	0.00345
84.85	-14.14	0.00293	91.92	-21.21	0.00251
98.99	-28.28	0.00216	106.07	-35.36	0.00187
-28.28	113.14	0.00293	-21.21	106.07	0.00332
-14.14	98.99	0.00379	-7.07	91.92	0.00437
0.00	84.85	0.00507	7.07	77.78	0.00593
14.14	70.71	0.00700	21.21	63.64	0.00835
24.75	60.10	0.00915	28.28	56.57	0.01004
30.41	54.45	0.01062	31.82	53.03	0.01105
33.23	51.62	0.01149	34.65	50.20	0.01197
36.06	48.79	0.01253	48.79	36.06	0.00966
50.20	34.65	0.00908	51.62	33.23	0.00858
53.03	31.82	0.00816	54.45	30.41	0.00777
56.57	28.28	0.00725	60.10	24.75	0.00650
63.64	21.21	0.00587	70.71	14.14	0.00484
77.78	7.07	0.00403	84.85	0.00	0.00340
91.92	-7.07	0.00288	98.99	-14.14	0.00246
106.07	-21.21	0.00211	113.14	-28.28	0.00182

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
 PAGE 135
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00291	-14.14	113.14	0.00329
-7.07	106.07	0.00376	0.00	98.99	0.00433
7.07	91.92	0.00502	14.14	84.85	0.00588
21.21	77.78	0.00695	28.28	70.71	0.00829

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

31.82	67.18	0.00908	35.36	63.64	0.00997
37.48	61.52	0.01056	38.89	60.10	0.01098
40.31	58.69	0.01142	41.72	57.28	0.01190
43.13	55.86	0.01245	55.86	43.13	0.00959
57.28	41.72	0.00900	58.69	40.31	0.00852
60.10	38.89	0.00809	61.52	37.48	0.00770
63.64	35.36	0.00718	67.18	31.82	0.00643
70.71	28.28	0.00580	77.78	21.21	0.00477
84.85	14.14	0.00397	91.92	7.07	0.00334
98.99	0.00	0.00282	106.07	-7.07	0.00240
113.14	-14.14	0.00205	120.21	-21.21	0.00177
-14.14	127.28	0.00288	-7.07	120.21	0.00326
0.00	113.14	0.00372	7.07	106.07	0.00428
14.14	98.99	0.00497	21.21	91.92	0.00582
28.28	84.85	0.00689	35.36	77.78	0.00822
38.89	74.25	0.00901	42.43	70.71	0.00990
44.55	68.59	0.01048	45.96	67.18	0.01090
47.38	65.76	0.01134	48.79	64.35	0.01182
50.20	62.93	0.01237	62.93	50.20	0.00950
64.35	48.79	0.00892	65.76	47.38	0.00843
67.18	45.96	0.00800	68.59	44.55	0.00762
70.71	42.43	0.00710	74.25	38.89	0.00636
77.78	35.36	0.00573	84.85	28.28	0.00470
91.92	21.21	0.00390	98.99	14.14	0.00327
106.07	7.07	0.00275	113.14	0.00	0.00233
120.21	-7.07	0.00199	127.28	-14.14	0.00171
-7.07	134.35	0.00285	0.00	127.28	0.00322
7.07	120.21	0.00367	14.14	113.14	0.00423
21.21	106.07	0.00491	28.28	98.99	0.00576
35.36	91.92	0.00682	42.43	84.85	0.00815
45.96	81.32	0.00893	49.50	77.78	0.00981
51.62	75.66	0.01039	53.03	74.25	0.01081
54.45	72.83	0.01125	55.86	71.42	0.01173
57.28	70.00	0.01228	70.00	57.28	0.00942
71.42	55.86	0.00883	72.83	54.45	0.00834
74.25	53.03	0.00791	75.66	51.62	0.00753

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

17:53:19
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00701	81.32	45.96	0.00627
84.85	42.43	0.00564	91.92	35.36	0.00461
98.99	28.28	0.00382	106.07	21.21	0.00318
113.14	14.14	0.00267	120.21	7.07	0.00226
127.28	0.00	0.00193	134.35	-7.07	0.00166
0.00	141.42	0.00282	7.07	134.35	0.00318
14.14	127.28	0.00362	21.21	120.21	0.00417
28.28	113.14	0.00484	35.36	106.07	0.00568
42.43	98.99	0.00673	49.50	91.92	0.00806
53.03	88.39	0.00884	56.57	84.85	0.00971
58.69	82.73	0.01029	60.10	81.32	0.01071
61.52	79.90	0.01115	62.93	78.49	0.01163
64.35	77.07	0.01217	77.07	64.35	0.00931
78.49	62.93	0.00872	79.90	61.52	0.00823
81.32	60.10	0.00780	82.73	58.69	0.00742
84.85	56.57	0.00690	88.39	53.03	0.00616
91.92	49.50	0.00554	98.99	42.43	0.00452
106.07	35.36	0.00372	113.14	28.28	0.00309
120.21	21.21	0.00259	127.28	14.14	0.00218
134.35	7.07	0.00185	141.42	0.00	0.00159
7.07	148.49	0.00278	14.14	141.42	0.00314
21.21	134.35	0.00357	28.28	127.28	0.00410
35.36	120.21	0.00476	42.43	113.14	0.00559
49.50	106.07	0.00664	56.57	98.99	0.00795
60.10	95.46	0.00872	63.64	91.92	0.00960
65.76	89.80	0.01019	67.18	88.39	0.01060
68.59	86.97	0.01103	70.00	85.56	0.01151
71.42	84.15	0.01205	84.15	71.42	0.00919
85.56	70.00	0.00860	86.97	68.59	0.00811
88.39	67.18	0.00768	89.80	65.76	0.00730
91.92	63.64	0.00678	95.46	60.10	0.00604
98.99	56.57	0.00542	106.07	49.50	0.00440
113.14	42.43	0.00362	120.21	35.36	0.00299
127.28	28.28	0.00249	134.35	21.21	0.00209
141.42	14.14	0.00178	148.49	7.07	0.00153
14.14	155.56	0.00274	21.21	148.49	0.00309
28.28	141.42	0.00352	35.36	134.35	0.00403
42.43	127.28	0.00468	49.50	120.21	0.00550
56.57	113.14	0.00653	63.64	106.07	0.00782
67.18	102.53	0.00860	70.71	98.99	0.00948

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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 **MODELOPTs:
 PAGE 137
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
72.83	96.87	0.01005	74.25	95.46	0.01046	
75.66	94.05	0.01090	77.07	92.63	0.01137	
78.49	91.22	0.01191	91.22	78.49	0.00905	
92.63	77.07	0.00846	94.05	75.66	0.00796	
95.46	74.25	0.00754	96.87	72.83	0.00715	
98.99	70.71	0.00664	102.53	67.18	0.00591	
106.07	63.64	0.00528	113.14	56.57	0.00427	
120.21	49.50	0.00349	127.28	42.43	0.00287	
134.35	35.36	0.00238	141.42	28.28	0.00200	
148.49	21.21	0.00170	155.56	14.14	0.00146	
21.21	162.63	0.00270	28.28	155.56	0.00304	
35.36	148.49	0.00345	42.43	141.42	0.00396	
49.50	134.35	0.00459	56.57	127.28	0.00538	
63.64	120.21	0.00640	70.71	113.14	0.00768	
74.25	109.60	0.00846	77.78	106.07	0.00932	
79.90	103.94	0.00989	81.32	102.53	0.01029	
82.73	101.12	0.01073	84.15	99.70	0.01122	
85.56	98.29	0.01177	98.29	85.56	0.00888	
99.70	84.15	0.00829	101.12	82.73	0.00779	
102.53	81.32	0.00736	103.94	79.90	0.00699	
106.07	77.78	0.00647	109.60	74.25	0.00574	
113.14	70.71	0.00512	120.21	63.64	0.00412	
127.28	56.57	0.00334	134.35	49.50	0.00273	
141.42	42.43	0.00226	148.49	35.36	0.00190	
155.56	28.28	0.00162	162.63	21.21	0.00140	
28.28	169.71	0.00266	35.36	162.63	0.00299	
42.43	155.56	0.00339	49.50	148.49	0.00388	
56.57	141.42	0.00449	63.64	134.35	0.00526	
70.71	127.28	0.00626	77.78	120.21	0.00753	
81.32	116.67	0.00829	84.85	113.14	0.00914	
86.97	111.02	0.00971	88.39	109.60	0.01011	
89.80	108.19	0.01054	91.22	106.77	0.01103	
92.63	105.36	0.01157	105.36	92.63	0.00867	
106.77	91.22	0.00809	108.19	89.80	0.00759	
109.60	88.39	0.00717	111.02	86.97	0.00679	
113.14	84.85	0.00628	116.67	81.32	0.00555	

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

120.21	77.78	0.00494	127.28	70.71	0.00394
134.35	63.64	0.00317	141.42	56.57	0.00259
148.49	49.50	0.00214	155.56	42.43	0.00180
162.63	35.36	0.00154	169.71	28.28	0.00133

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00261	42.43	169.71	0.00293
49.50	162.63	0.00332	56.57	155.56	0.00379
63.64	148.49	0.00438	70.71	141.42	0.00513
77.78	134.35	0.00610	84.85	127.28	0.00734
88.39	123.74	0.00809	91.92	120.21	0.00893
94.05	118.09	0.00949	95.46	116.67	0.00989
96.87	115.26	0.01031	98.29	113.84	0.01079
99.70	112.43	0.01133	112.43	99.70	0.00841
113.84	98.29	0.00784	115.26	96.87	0.00735
116.67	95.46	0.00693	118.09	94.05	0.00656
120.21	91.92	0.00605	123.74	88.39	0.00533
127.28	84.85	0.00472	134.35	77.78	0.00373
141.42	70.71	0.00298	148.49	63.64	0.00243
155.56	56.57	0.00202	162.63	49.50	0.00171
169.71	42.43	0.00146	176.78	35.36	0.00127
42.43	183.85	0.00256	49.50	176.78	0.00287
56.57	169.71	0.00325	63.64	162.63	0.00370
70.71	155.56	0.00427	77.78	148.49	0.00499
84.85	141.42	0.00592	91.92	134.35	0.00713
95.46	130.81	0.00786	98.99	127.28	0.00869
101.12	125.16	0.00924	102.53	123.74	0.00963
103.94	122.33	0.01005	105.36	120.92	0.01050
106.77	119.50	0.01104	119.50	106.77	0.00812
120.92	105.36	0.00754	122.33	103.94	0.00706
123.74	102.53	0.00665	125.16	101.12	0.00627
127.28	98.99	0.00578	130.81	95.46	0.00506
134.35	91.92	0.00446	141.42	84.85	0.00349
148.49	77.78	0.00278	155.56	70.71	0.00227
162.63	63.64	0.00189	169.71	56.57	0.00161
176.78	49.50	0.00138	183.85	42.43	0.00120

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

49.50	190.92	0.00252	56.57	183.85	0.00281
63.64	176.78	0.00317	70.71	169.71	0.00361
77.78	162.63	0.00416	84.85	155.56	0.00485
91.92	148.49	0.00573	98.99	141.42	0.00688
102.53	137.89	0.00759	106.07	134.35	0.00840
108.19	132.23	0.00893	109.60	130.81	0.00931
111.02	129.40	0.00973	112.43	127.99	0.01018
113.84	126.57	0.01069	126.57	113.84	0.00776
127.99	112.43	0.00719	129.40	111.02	0.00672
130.81	109.60	0.00631	132.23	108.19	0.00594

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00544	137.89	102.53	0.00474
141.42	98.99	0.00414	148.49	91.92	0.00321
155.56	84.85	0.00257	162.63	77.78	0.00211
169.71	70.71	0.00177	176.78	63.64	0.00151
183.85	56.57	0.00130	190.92	49.50	0.00114
56.57	197.99	0.00247	63.64	190.92	0.00275
70.71	183.85	0.00310	77.78	176.78	0.00352
84.85	169.71	0.00404	91.92	162.63	0.00469
98.99	155.56	0.00553	106.07	148.49	0.00661
109.60	144.96	0.00728	113.14	141.42	0.00805
115.26	139.30	0.00857	116.67	137.89	0.00895
118.09	136.47	0.00935	119.50	135.06	0.00979
120.92	133.64	0.01029	133.64	120.92	0.00734
135.06	119.50	0.00677	136.47	118.09	0.00630
137.89	116.67	0.00589	139.30	115.26	0.00553
141.42	113.14	0.00504	144.96	109.60	0.00434
148.49	106.07	0.00377	155.56	98.99	0.00292
162.63	91.92	0.00236	169.71	84.85	0.00195
176.78	77.78	0.00165	183.85	70.71	0.00141
190.92	63.64	0.00122	197.99	56.57	0.00107
63.64	205.06	0.00243	70.71	197.99	0.00270
77.78	190.92	0.00303	84.85	183.85	0.00343
91.92	176.78	0.00392	98.99	169.71	0.00454
106.07	162.63	0.00532	113.14	155.56	0.00633

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

116.67	152.03	0.00695	120.21	148.49	0.00766
122.33	146.37	0.00816	123.74	144.96	0.00852
125.16	143.54	0.00891	126.57	142.13	0.00933
127.99	140.71	0.00982	140.71	127.99	0.00682
142.13	126.57	0.00626	143.54	125.16	0.00579
144.96	123.74	0.00538	146.37	122.33	0.00502
148.49	120.21	0.00454	152.03	116.67	0.00388
155.56	113.14	0.00337	162.63	106.07	0.00264
169.71	98.99	0.00216	176.78	91.92	0.00180
183.85	84.85	0.00153	190.92	77.78	0.00131
197.99	70.71	0.00114	205.06	63.64	0.00100
70.71	212.13	0.00240	77.78	205.06	0.00266
84.85	197.99	0.00297	91.92	190.92	0.00335
98.99	183.85	0.00381	106.07	176.78	0.00439
113.14	169.71	0.00512	120.21	162.63	0.00605
123.74	159.10	0.00661	127.28	155.56	0.00726

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00771	130.81	152.03	0.00803
132.23	150.61	0.00839	133.64	149.20	0.00879
135.06	147.79	0.00925	147.79	135.06	0.00618
149.20	133.64	0.00561	150.61	132.23	0.00515
152.03	130.81	0.00476	153.44	129.40	0.00441
155.56	127.28	0.00397	159.10	123.74	0.00340
162.63	120.21	0.00298	169.71	113.14	0.00238
176.78	106.07	0.00196	183.85	98.99	0.00164
190.92	91.92	0.00140	197.99	84.85	0.00121
205.06	77.78	0.00105	212.13	70.71	0.00093
77.78	219.20	0.00236	84.85	212.13	0.00262
91.92	205.06	0.00292	98.99	197.99	0.00328
106.07	190.92	0.00372	113.14	183.85	0.00426
120.21	176.78	0.00494	127.28	169.71	0.00578
130.81	166.17	0.00630	134.35	162.63	0.00688
136.47	160.51	0.00726	137.89	159.10	0.00754
139.30	157.68	0.00784	140.71	156.27	0.00818
142.13	154.86	0.00860	154.86	142.13	0.00535

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

156.27	140.71	0.00481	157.68	139.30	0.00439
159.10	137.89	0.00405	160.51	136.47	0.00377
162.63	134.35	0.00342	166.17	130.81	0.00297
169.71	127.28	0.00263	176.78	120.21	0.00212
183.85	113.14	0.00176	190.92	106.07	0.00149
197.99	98.99	0.00128	205.06	91.92	0.00111
212.13	84.85	0.00098	219.20	77.78	0.00086
84.85	226.27	0.00233	91.92	219.20	0.00258
98.99	212.13	0.00287	106.07	205.06	0.00322
113.14	197.99	0.00364	120.21	190.92	0.00416
127.28	183.85	0.00480	134.35	176.78	0.00559
137.89	173.24	0.00606	141.42	169.71	0.00657
143.54	167.58	0.00689	144.96	166.17	0.00711
146.37	164.76	0.00735	147.79	163.34	0.00761
149.20	161.93	0.00791	161.93	149.20	0.00439
163.34	147.79	0.00399	164.76	146.37	0.00368
166.17	144.96	0.00343	167.58	143.54	0.00322
169.71	141.42	0.00295	173.24	137.89	0.00259
176.78	134.35	0.00231	183.85	127.28	0.00189
190.92	120.21	0.00159	197.99	113.14	0.00136
205.06	106.07	0.00118	212.13	98.99	0.00103
219.20	91.92	0.00091	226.27	84.85	0.00081

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00230	98.99	226.27	0.00254
106.07	219.20	0.00282	113.14	212.13	0.00316
120.21	205.06	0.00356	127.28	197.99	0.00406
134.35	190.92	0.00467	141.42	183.85	0.00542
144.96	180.31	0.00585	148.49	176.78	0.00630
150.61	174.66	0.00658	152.03	173.24	0.00675
153.44	171.83	0.00691	154.86	170.41	0.00704
156.27	169.00	0.00711	169.00	156.27	0.00378
170.41	154.86	0.00350	171.83	153.44	0.00326
173.24	152.03	0.00306	174.66	150.61	0.00288
176.78	148.49	0.00266	180.31	144.96	0.00235
183.85	141.42	0.00211	190.92	134.35	0.00174

12NCRA_NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

197.99	127.28	0.00147	205.06	120.21	0.00127
212.13	113.14	0.00110	219.20	106.07	0.00097
226.27	98.99	0.00086	233.35	91.92	0.00077
98.99	240.42	0.00226	106.07	233.35	0.00249
113.14	226.27	0.00276	120.21	219.20	0.00308
127.28	212.13	0.00346	134.35	205.06	0.00391
141.42	197.99	0.00444	148.49	190.92	0.00500
152.03	187.38	0.00525	155.56	183.85	0.00540
157.68	181.73	0.00541	159.10	180.31	0.00539
160.51	178.90	0.00533	161.93	177.48	0.00523
163.34	176.07	0.00511	176.07	163.34	0.00328
177.48	161.93	0.00310	178.90	160.51	0.00292
180.31	159.10	0.00277	181.73	157.68	0.00262
183.85	155.56	0.00243	187.38	152.03	0.00216
190.92	148.49	0.00194	197.99	141.42	0.00162
205.06	134.35	0.00138	212.13	127.28	0.00119
219.20	120.21	0.00104	226.27	113.14	0.00092
233.35	106.07	0.00082	240.42	98.99	0.00074
106.07	247.49	0.00221	113.14	240.42	0.00242
120.21	233.35	0.00267	127.28	226.27	0.00295
134.35	219.20	0.00328	141.42	212.13	0.00364
148.49	205.06	0.00399	155.56	197.99	0.00423
159.10	194.45	0.00426	162.63	190.92	0.00422
164.76	188.80	0.00415	166.17	187.38	0.00409
167.58	185.97	0.00401	169.00	184.55	0.00393
170.41	183.14	0.00384	183.14	170.41	0.00277
184.55	169.00	0.00266	185.97	167.58	0.00255
187.38	166.17	0.00244	188.80	164.76	0.00234

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00219	194.45	159.10	0.00197
197.99	155.56	0.00179	205.06	148.49	0.00150
212.13	141.42	0.00128	219.20	134.35	0.00112
226.27	127.28	0.00099	233.35	120.21	0.00088
240.42	113.14	0.00079	247.49	106.07	0.00071

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction

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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS 0.00785 AT (	120.92, 133.64, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00776 AT (	127.99, 140.71, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00772 AT (	113.84, 126.57, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00749 AT (	135.06, 147.79, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00731 AT (	119.50, 135.06, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00727 AT (	106.77, 119.50, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00725 AT (	126.57, 142.13, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00714 AT (	112.43, 127.99, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00707 AT (	142.13, 154.86, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00701 AT (	133.64, 149.20, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00785 AT (	57.28, 70.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00776 AT (	64.35, 77.07, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00772 AT (	50.20, 62.93, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00749 AT (	71.42, 84.15, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00731 AT (	55.86, 71.42, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00727 AT (	43.13, 55.86, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00725 AT (	62.93, 78.49, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00714 AT (	48.79, 64.35, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00707 AT (	78.49, 91.22, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00701 AT (	70.00, 85.56, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00785 AT (	-6.36, 6.36, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00776 AT (	0.71, 13.44, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00772 AT (	-13.44, -0.71, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00749 AT (	7.78, 20.51, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00731 AT (	-7.78, 7.78, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00727 AT (	-20.51, -7.78, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00725 AT (	-0.71, 14.85, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00714 AT (	-14.85, 0.71, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00707 AT (	14.85, 27.58, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00701 AT (	6.36, 21.92, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00785 AT (	-70.00, -57.28, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00776 AT (	-62.93, -50.20, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00772 AT (	-77.07, -64.35, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00749 AT (	-55.86, -43.13, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00731 AT (	-71.42, -55.86, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00727 AT (	-84.15, -71.42, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00725 AT (	-64.35, -48.79, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00714 AT (	-78.49, -62.93, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00707 AT (	-48.79, -36.06, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00701 AT (	-57.28, -41.72, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00785 AT (	-133.64, -120.92, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00776 AT (	-126.57, -113.84, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00772 AT (	-140.71, -127.99, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00749 AT (	-119.50, -106.77, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00731 AT (	-135.06, -119.50, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00727 AT (	-147.79, -135.06, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00725 AT (	-127.99, -112.43, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00714 AT (	-142.13, -126.57, 0.00, 1.20)	DC	NA

12NCRA NAPA95-300_DPM_TRAV_ANN_NE-SW Bound

	9TH HIGHEST VALUE IS	0.00707 AT (	-112.43,	-99.70,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00701 AT (	-120.92,	-105.36,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01279 AT (	-34.65,	-21.92,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01278 AT (	-27.58,	-14.85,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01278 AT (	-41.72,	-28.99,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01277 AT (	-20.51,	-7.78,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01275 AT (	-13.44,	-0.71,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01274 AT (	-6.36,	6.36,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01273 AT (	-48.79,	-36.06,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01271 AT (	0.71,	13.44,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01270 AT (	-55.86,	-43.13,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01269 AT (	7.78,	20.51,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

17:53:19

**MODELOPTs:
 PAGE 145

CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 62 Informational Message(s)
 A Total of 62 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***

ISCST3x VERSION 4.4.3
(C) COPYRIGHT 1991-2006, Trinity Consultants

Run Began on 4/20/2008 at 18:03:21

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at NE/SW Bound Direction
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTS FLAT
CO FLAGPOLE 1.2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA 92.28 98.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA 28.64 35.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -35.0 -28.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -98.64 -92.28 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -162.28 -155.92 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 45 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

RE DISCCART	-247.49	-106.07	1.2
RE DISCCART	-240.42	-113.14	1.2
RE DISCCART	-233.35	-120.21	1.2
RE DISCCART	-226.27	-127.28	1.2
RE DISCCART	-219.2	-134.35	1.2
RE DISCCART	-212.13	-141.42	1.2
RE DISCCART	-205.06	-148.49	1.2
RE DISCCART	-197.99	-155.56	1.2
RE DISCCART	-194.45	-159.1	1.2
RE DISCCART	-190.92	-162.63	1.2
RE DISCCART	-188.8	-164.76	1.2
RE DISCCART	-187.38	-166.17	1.2
RE DISCCART	-185.97	-167.58	1.2
RE DISCCART	-184.55	-169.0	1.2
RE DISCCART	-183.14	-170.41	1.2
RE DISCCART	-170.41	-183.14	1.2
RE DISCCART	-169.0	-184.55	1.2
RE DISCCART	-167.58	-185.97	1.2
RE DISCCART	-166.17	-187.38	1.2
RE DISCCART	-164.76	-188.8	1.2
RE DISCCART	-162.63	-190.92	1.2
RE DISCCART	-159.1	-194.45	1.2
RE DISCCART	-155.56	-197.99	1.2
RE DISCCART	-148.49	-205.06	1.2
RE DISCCART	-141.42	-212.13	1.2
RE DISCCART	-134.35	-219.2	1.2
RE DISCCART	-127.28	-226.27	1.2
RE DISCCART	-120.21	-233.35	1.2
RE DISCCART	-113.14	-240.42	1.2
RE DISCCART	-106.07	-247.49	1.2
RE DISCCART	-240.42	-98.99	1.2
RE DISCCART	-233.35	-106.07	1.2
RE DISCCART	-226.27	-113.14	1.2
RE DISCCART	-219.2	-120.21	1.2
RE DISCCART	-212.13	-127.28	1.2
RE DISCCART	-205.06	-134.35	1.2
RE DISCCART	-197.99	-141.42	1.2
RE DISCCART	-190.92	-148.49	1.2
RE DISCCART	-187.38	-152.03	1.2
RE DISCCART	-183.85	-155.56	1.2
RE DISCCART	-181.73	-157.68	1.2
RE DISCCART	-180.31	-159.1	1.2
RE DISCCART	-178.9	-160.51	1.2

RE DISCCART	-177.48	-161.93	1.2
RE DISCCART	-176.07	-163.34	1.2
RE DISCCART	-163.34	-176.07	1.2
RE DISCCART	-161.93	-177.48	1.2
RE DISCCART	-160.51	-178.9	1.2
RE DISCCART	-159.1	-180.31	1.2
RE DISCCART	-157.68	-181.73	1.2
RE DISCCART	-155.56	-183.85	1.2
RE DISCCART	-152.03	-187.38	1.2
RE DISCCART	-148.49	-190.92	1.2
RE DISCCART	-141.42	-197.99	1.2
RE DISCCART	-134.35	-205.06	1.2
RE DISCCART	-127.28	-212.13	1.2
RE DISCCART	-120.21	-219.2	1.2
RE DISCCART	-113.14	-226.27	1.2
RE DISCCART	-106.07	-233.35	1.2
RE DISCCART	-98.99	-240.42	1.2
RE DISCCART	-233.35	-91.92	1.2
RE DISCCART	-226.27	-99.0	1.2
RE DISCCART	-219.2	-106.07	1.2
RE DISCCART	-212.13	-113.14	1.2
RE DISCCART	-205.06	-120.21	1.2
RE DISCCART	-197.99	-127.28	1.2
RE DISCCART	-190.92	-134.35	1.2
RE DISCCART	-183.85	-141.42	1.2
RE DISCCART	-180.31	-144.96	1.2
RE DISCCART	-176.78	-148.49	1.2
RE DISCCART	-174.66	-150.61	1.2
RE DISCCART	-173.24	-152.03	1.2
RE DISCCART	-171.83	-153.44	1.2
RE DISCCART	-170.41	-154.86	1.2
RE DISCCART	-169.0	-156.27	1.2
RE DISCCART	-156.27	-169.0	1.2
RE DISCCART	-154.86	-170.41	1.2
RE DISCCART	-153.44	-171.83	1.2
RE DISCCART	-152.03	-173.24	1.2
RE DISCCART	-150.61	-174.66	1.2
RE DISCCART	-148.49	-176.78	1.2
RE DISCCART	-144.96	-180.31	1.2
RE DISCCART	-141.42	-183.85	1.2
RE DISCCART	-134.35	-190.92	1.2
RE DISCCART	-127.28	-197.99	1.2
RE DISCCART	-120.21	-205.06	1.2
RE DISCCART	-113.14	-212.13	1.2

RE DISCCART	-106.07	-219.2	1.2
RE DISCCART	-98.99	-226.27	1.2
RE DISCCART	-91.92	-233.35	1.2
RE DISCCART	-226.27	-84.85	1.2
RE DISCCART	-219.2	-91.92	1.2
RE DISCCART	-212.13	-99.0	1.2
RE DISCCART	-205.06	-106.07	1.2
RE DISCCART	-197.99	-113.14	1.2
RE DISCCART	-190.92	-120.21	1.2
RE DISCCART	-183.85	-127.28	1.2
RE DISCCART	-176.78	-134.35	1.2
RE DISCCART	-173.24	-137.89	1.2
RE DISCCART	-169.71	-141.42	1.2
RE DISCCART	-167.58	-143.54	1.2
RE DISCCART	-166.17	-144.96	1.2
RE DISCCART	-164.76	-146.37	1.2
RE DISCCART	-163.34	-147.79	1.2
RE DISCCART	-161.93	-149.2	1.2
RE DISCCART	-149.2	-161.93	1.2
RE DISCCART	-147.79	-163.34	1.2
RE DISCCART	-146.37	-164.76	1.2
RE DISCCART	-144.96	-166.17	1.2
RE DISCCART	-143.54	-167.58	1.2
RE DISCCART	-141.42	-169.71	1.2
RE DISCCART	-137.89	-173.24	1.2
RE DISCCART	-134.35	-176.78	1.2
RE DISCCART	-127.28	-183.85	1.2
RE DISCCART	-120.21	-190.92	1.2
RE DISCCART	-113.14	-197.99	1.2
RE DISCCART	-106.07	-205.06	1.2
RE DISCCART	-98.99	-212.13	1.2
RE DISCCART	-91.92	-219.2	1.2
RE DISCCART	-84.85	-226.27	1.2
RE DISCCART	-219.2	-77.78	1.2
RE DISCCART	-212.13	-84.85	1.2
RE DISCCART	-205.06	-91.92	1.2
RE DISCCART	-197.99	-99.0	1.2
RE DISCCART	-190.92	-106.07	1.2
RE DISCCART	-183.85	-113.14	1.2
RE DISCCART	-176.78	-120.21	1.2
RE DISCCART	-169.71	-127.28	1.2
RE DISCCART	-166.17	-130.81	1.2
RE DISCCART	-162.63	-134.35	1.2
RE DISCCART	-160.51	-136.47	1.2

RE DISCCART	-159.1	-137.89	1.2
RE DISCCART	-157.68	-139.3	1.2
RE DISCCART	-156.27	-140.71	1.2
RE DISCCART	-154.86	-142.13	1.2
RE DISCCART	-142.13	-154.86	1.2
RE DISCCART	-140.71	-156.27	1.2
RE DISCCART	-139.3	-157.68	1.2
RE DISCCART	-137.89	-159.1	1.2
RE DISCCART	-136.47	-160.51	1.2
RE DISCCART	-134.35	-162.63	1.2
RE DISCCART	-130.81	-166.17	1.2
RE DISCCART	-127.28	-169.71	1.2
RE DISCCART	-120.21	-176.78	1.2
RE DISCCART	-113.14	-183.85	1.2
RE DISCCART	-106.07	-190.92	1.2
RE DISCCART	-98.99	-197.99	1.2
RE DISCCART	-91.92	-205.06	1.2
RE DISCCART	-84.85	-212.13	1.2
RE DISCCART	-77.78	-219.2	1.2
RE DISCCART	-212.13	-70.71	1.2
RE DISCCART	-205.06	-77.78	1.2
RE DISCCART	-197.99	-84.85	1.2
RE DISCCART	-190.92	-91.92	1.2
RE DISCCART	-183.85	-98.99	1.2
RE DISCCART	-176.78	-106.07	1.2
RE DISCCART	-169.71	-113.14	1.2
RE DISCCART	-162.63	-120.21	1.2
RE DISCCART	-159.1	-123.74	1.2
RE DISCCART	-155.56	-127.28	1.2
RE DISCCART	-153.44	-129.4	1.2
RE DISCCART	-152.03	-130.81	1.2
RE DISCCART	-150.61	-132.23	1.2
RE DISCCART	-149.2	-133.64	1.2
RE DISCCART	-147.79	-135.06	1.2
RE DISCCART	-135.06	-147.79	1.2
RE DISCCART	-133.64	-149.2	1.2
RE DISCCART	-132.23	-150.61	1.2
RE DISCCART	-130.81	-152.03	1.2
RE DISCCART	-129.4	-153.44	1.2
RE DISCCART	-127.28	-155.56	1.2
RE DISCCART	-123.74	-159.1	1.2
RE DISCCART	-120.21	-162.63	1.2
RE DISCCART	-113.14	-169.71	1.2
RE DISCCART	-106.07	-176.78	1.2

RE DISCCART	-98.99	-183.85	1.2
RE DISCCART	-91.92	-190.92	1.2
RE DISCCART	-84.85	-197.99	1.2
RE DISCCART	-77.78	-205.06	1.2
RE DISCCART	-70.71	-212.13	1.2
RE DISCCART	-205.06	-63.64	1.2
RE DISCCART	-197.99	-70.71	1.2
RE DISCCART	-190.92	-77.78	1.2
RE DISCCART	-183.85	-84.85	1.2
RE DISCCART	-176.78	-91.92	1.2
RE DISCCART	-169.71	-98.99	1.2
RE DISCCART	-162.63	-106.07	1.2
RE DISCCART	-155.56	-113.14	1.2
RE DISCCART	-152.03	-116.67	1.2
RE DISCCART	-148.49	-120.21	1.2
RE DISCCART	-146.37	-122.33	1.2
RE DISCCART	-144.96	-123.74	1.2
RE DISCCART	-143.54	-125.16	1.2
RE DISCCART	-142.13	-126.57	1.2
RE DISCCART	-140.71	-127.99	1.2
RE DISCCART	-127.99	-140.71	1.2
RE DISCCART	-126.57	-142.13	1.2
RE DISCCART	-125.16	-143.54	1.2
RE DISCCART	-123.74	-144.96	1.2
RE DISCCART	-122.33	-146.37	1.2
RE DISCCART	-120.21	-148.49	1.2
RE DISCCART	-116.67	-152.03	1.2
RE DISCCART	-113.14	-155.56	1.2
RE DISCCART	-106.07	-162.63	1.2
RE DISCCART	-98.99	-169.71	1.2
RE DISCCART	-91.92	-176.78	1.2
RE DISCCART	-84.85	-183.85	1.2
RE DISCCART	-77.78	-190.92	1.2
RE DISCCART	-70.71	-197.99	1.2
RE DISCCART	-63.64	-205.06	1.2
RE DISCCART	-197.99	-56.57	1.2
RE DISCCART	-190.92	-63.64	1.2
RE DISCCART	-183.85	-70.71	1.2
RE DISCCART	-176.78	-77.78	1.2
RE DISCCART	-169.71	-84.85	1.2
RE DISCCART	-162.63	-91.92	1.2
RE DISCCART	-155.56	-98.99	1.2
RE DISCCART	-148.49	-106.07	1.2
RE DISCCART	-144.96	-109.6	1.2

RE DISCCART	-141.42	-113.14	1.2
RE DISCCART	-139.3	-115.26	1.2
RE DISCCART	-137.89	-116.67	1.2
RE DISCCART	-136.47	-118.09	1.2
RE DISCCART	-135.06	-119.5	1.2
RE DISCCART	-133.64	-120.92	1.2
RE DISCCART	-120.92	-133.64	1.2
RE DISCCART	-119.5	-135.06	1.2
RE DISCCART	-118.09	-136.47	1.2
RE DISCCART	-116.67	-137.89	1.2
RE DISCCART	-115.26	-139.3	1.2
RE DISCCART	-113.14	-141.42	1.2
RE DISCCART	-109.6	-144.96	1.2
RE DISCCART	-106.07	-148.49	1.2
RE DISCCART	-98.99	-155.56	1.2
RE DISCCART	-91.92	-162.63	1.2
RE DISCCART	-84.85	-169.71	1.2
RE DISCCART	-77.78	-176.78	1.2
RE DISCCART	-70.71	-183.85	1.2
RE DISCCART	-63.64	-190.92	1.2
RE DISCCART	-56.57	-197.99	1.2
RE DISCCART	-190.92	-49.5	1.2
RE DISCCART	-183.85	-56.57	1.2
RE DISCCART	-176.78	-63.64	1.2
RE DISCCART	-169.71	-70.71	1.2
RE DISCCART	-162.63	-77.78	1.2
RE DISCCART	-155.56	-84.85	1.2
RE DISCCART	-148.49	-91.92	1.2
RE DISCCART	-141.42	-98.99	1.2
RE DISCCART	-137.89	-102.53	1.2
RE DISCCART	-134.35	-106.07	1.2
RE DISCCART	-132.23	-108.19	1.2
RE DISCCART	-130.81	-109.6	1.2
RE DISCCART	-129.4	-111.02	1.2
RE DISCCART	-127.99	-112.43	1.2
RE DISCCART	-126.57	-113.84	1.2
RE DISCCART	-113.84	-126.57	1.2
RE DISCCART	-112.43	-127.99	1.2
RE DISCCART	-111.02	-129.4	1.2
RE DISCCART	-109.6	-130.81	1.2
RE DISCCART	-108.19	-132.23	1.2
RE DISCCART	-106.07	-134.35	1.2
RE DISCCART	-102.53	-137.89	1.2
RE DISCCART	-98.99	-141.42	1.2

RE DISCCART	-91.92	-148.49	1.2
RE DISCCART	-84.85	-155.56	1.2
RE DISCCART	-77.78	-162.63	1.2
RE DISCCART	-70.71	-169.71	1.2
RE DISCCART	-63.64	-176.78	1.2
RE DISCCART	-56.57	-183.85	1.2
RE DISCCART	-49.5	-190.92	1.2
RE DISCCART	-183.85	-42.43	1.2
RE DISCCART	-176.78	-49.5	1.2
RE DISCCART	-169.71	-56.57	1.2
RE DISCCART	-162.63	-63.64	1.2
RE DISCCART	-155.56	-70.71	1.2
RE DISCCART	-148.49	-77.78	1.2
RE DISCCART	-141.42	-84.85	1.2
RE DISCCART	-134.35	-91.92	1.2
RE DISCCART	-130.81	-95.46	1.2
RE DISCCART	-127.28	-98.99	1.2
RE DISCCART	-125.16	-101.12	1.2
RE DISCCART	-123.74	-102.53	1.2
RE DISCCART	-122.33	-103.94	1.2
RE DISCCART	-120.92	-105.36	1.2
RE DISCCART	-119.5	-106.77	1.2
RE DISCCART	-106.77	-119.5	1.2
RE DISCCART	-105.36	-120.92	1.2
RE DISCCART	-103.94	-122.33	1.2
RE DISCCART	-102.53	-123.74	1.2
RE DISCCART	-101.12	-125.16	1.2
RE DISCCART	-98.99	-127.28	1.2
RE DISCCART	-95.46	-130.81	1.2
RE DISCCART	-91.92	-134.35	1.2
RE DISCCART	-84.85	-141.42	1.2
RE DISCCART	-77.78	-148.49	1.2
RE DISCCART	-70.71	-155.56	1.2
RE DISCCART	-63.64	-162.63	1.2
RE DISCCART	-56.57	-169.71	1.2
RE DISCCART	-49.5	-176.78	1.2
RE DISCCART	-42.43	-183.85	1.2
RE DISCCART	-176.78	-35.36	1.2
RE DISCCART	-169.71	-42.43	1.2
RE DISCCART	-162.63	-49.5	1.2
RE DISCCART	-155.56	-56.57	1.2
RE DISCCART	-148.49	-63.64	1.2
RE DISCCART	-141.42	-70.71	1.2
RE DISCCART	-134.35	-77.78	1.2

RE DISCCART	-127.28	-84.85	1.2
RE DISCCART	-123.74	-88.39	1.2
RE DISCCART	-120.21	-91.92	1.2
RE DISCCART	-118.09	-94.05	1.2
RE DISCCART	-116.67	-95.46	1.2
RE DISCCART	-115.26	-96.87	1.2
RE DISCCART	-113.84	-98.29	1.2
RE DISCCART	-112.43	-99.7	1.2
RE DISCCART	-99.7	-112.43	1.2
RE DISCCART	-98.29	-113.84	1.2
RE DISCCART	-96.87	-115.26	1.2
RE DISCCART	-95.46	-116.67	1.2
RE DISCCART	-94.05	-118.09	1.2
RE DISCCART	-91.92	-120.21	1.2
RE DISCCART	-88.39	-123.74	1.2
RE DISCCART	-84.85	-127.28	1.2
RE DISCCART	-77.78	-134.35	1.2
RE DISCCART	-70.71	-141.42	1.2
RE DISCCART	-63.64	-148.49	1.2
RE DISCCART	-56.57	-155.56	1.2
RE DISCCART	-49.5	-162.63	1.2
RE DISCCART	-42.43	-169.71	1.2
RE DISCCART	-35.36	-176.78	1.2
RE DISCCART	-169.71	-28.28	1.2
RE DISCCART	-162.63	-35.36	1.2
RE DISCCART	-155.56	-42.43	1.2
RE DISCCART	-148.49	-49.5	1.2
RE DISCCART	-141.42	-56.57	1.2
RE DISCCART	-134.35	-63.64	1.2
RE DISCCART	-127.28	-70.71	1.2
RE DISCCART	-120.21	-77.78	1.2
RE DISCCART	-116.67	-81.32	1.2
RE DISCCART	-113.14	-84.85	1.2
RE DISCCART	-111.02	-86.97	1.2
RE DISCCART	-109.6	-88.39	1.2
RE DISCCART	-108.19	-89.8	1.2
RE DISCCART	-106.77	-91.22	1.2
RE DISCCART	-105.36	-92.63	1.2
RE DISCCART	-92.63	-105.36	1.2
RE DISCCART	-91.22	-106.77	1.2
RE DISCCART	-89.8	-108.19	1.2
RE DISCCART	-88.39	-109.6	1.2
RE DISCCART	-86.97	-111.02	1.2
RE DISCCART	-84.85	-113.14	1.2

RE DISCCART	-81.32	-116.67	1.2
RE DISCCART	-77.78	-120.21	1.2
RE DISCCART	-70.71	-127.28	1.2
RE DISCCART	-63.64	-134.35	1.2
RE DISCCART	-56.57	-141.42	1.2
RE DISCCART	-49.5	-148.49	1.2
RE DISCCART	-42.43	-155.56	1.2
RE DISCCART	-35.36	-162.63	1.2
RE DISCCART	-28.28	-169.71	1.2
RE DISCCART	-162.63	-21.21	1.2
RE DISCCART	-155.56	-28.28	1.2
RE DISCCART	-148.49	-35.36	1.2
RE DISCCART	-141.42	-42.43	1.2
RE DISCCART	-134.35	-49.5	1.2
RE DISCCART	-127.28	-56.57	1.2
RE DISCCART	-120.21	-63.64	1.2
RE DISCCART	-113.14	-70.71	1.2
RE DISCCART	-109.6	-74.25	1.2
RE DISCCART	-106.07	-77.78	1.2
RE DISCCART	-103.94	-79.9	1.2
RE DISCCART	-102.53	-81.32	1.2
RE DISCCART	-101.12	-82.73	1.2
RE DISCCART	-99.7	-84.15	1.2
RE DISCCART	-98.29	-85.56	1.2
RE DISCCART	-85.56	-98.29	1.2
RE DISCCART	-84.15	-99.7	1.2
RE DISCCART	-82.73	-101.12	1.2
RE DISCCART	-81.32	-102.53	1.2
RE DISCCART	-79.9	-103.94	1.2
RE DISCCART	-77.78	-106.07	1.2
RE DISCCART	-74.25	-109.6	1.2
RE DISCCART	-70.71	-113.14	1.2
RE DISCCART	-63.64	-120.21	1.2
RE DISCCART	-56.57	-127.28	1.2
RE DISCCART	-49.5	-134.35	1.2
RE DISCCART	-42.43	-141.42	1.2
RE DISCCART	-35.36	-148.49	1.2
RE DISCCART	-28.28	-155.56	1.2
RE DISCCART	-21.21	-162.63	1.2
RE DISCCART	-155.56	-14.14	1.2
RE DISCCART	-148.49	-21.21	1.2
RE DISCCART	-141.42	-28.28	1.2
RE DISCCART	-134.35	-35.36	1.2
RE DISCCART	-127.28	-42.43	1.2

RE DISCCART	-120.21	-49.5	1.2
RE DISCCART	-113.14	-56.57	1.2
RE DISCCART	-106.07	-63.64	1.2
RE DISCCART	-102.53	-67.18	1.2
RE DISCCART	-98.99	-70.71	1.2
RE DISCCART	-96.87	-72.83	1.2
RE DISCCART	-95.46	-74.25	1.2
RE DISCCART	-94.05	-75.66	1.2
RE DISCCART	-92.63	-77.07	1.2
RE DISCCART	-91.22	-78.49	1.2
RE DISCCART	-78.49	-91.22	1.2
RE DISCCART	-77.07	-92.63	1.2
RE DISCCART	-75.66	-94.05	1.2
RE DISCCART	-74.25	-95.46	1.2
RE DISCCART	-72.83	-96.87	1.2
RE DISCCART	-70.71	-98.99	1.2
RE DISCCART	-67.18	-102.53	1.2
RE DISCCART	-63.64	-106.07	1.2
RE DISCCART	-56.57	-113.14	1.2
RE DISCCART	-49.5	-120.21	1.2
RE DISCCART	-42.43	-127.28	1.2
RE DISCCART	-35.36	-134.35	1.2
RE DISCCART	-28.28	-141.42	1.2
RE DISCCART	-21.21	-148.49	1.2
RE DISCCART	-14.14	-155.56	1.2
RE DISCCART	-148.49	-7.07	1.2
RE DISCCART	-141.42	-14.14	1.2
RE DISCCART	-134.35	-21.21	1.2
RE DISCCART	-127.28	-28.28	1.2
RE DISCCART	-120.21	-35.36	1.2
RE DISCCART	-113.14	-42.43	1.2
RE DISCCART	-106.07	-49.5	1.2
RE DISCCART	-98.99	-56.57	1.2
RE DISCCART	-95.46	-60.1	1.2
RE DISCCART	-91.92	-63.64	1.2
RE DISCCART	-89.8	-65.76	1.2
RE DISCCART	-88.39	-67.18	1.2
RE DISCCART	-86.97	-68.59	1.2
RE DISCCART	-85.56	-70.0	1.2
RE DISCCART	-84.15	-71.42	1.2
RE DISCCART	-71.42	-84.15	1.2
RE DISCCART	-70.0	-85.56	1.2
RE DISCCART	-68.59	-86.97	1.2
RE DISCCART	-67.18	-88.39	1.2

RE DISCCART	-65.76	-89.8	1.2
RE DISCCART	-63.64	-91.92	1.2
RE DISCCART	-60.1	-95.46	1.2
RE DISCCART	-56.57	-98.99	1.2
RE DISCCART	-49.5	-106.07	1.2
RE DISCCART	-42.43	-113.14	1.2
RE DISCCART	-35.36	-120.21	1.2
RE DISCCART	-28.28	-127.28	1.2
RE DISCCART	-21.21	-134.35	1.2
RE DISCCART	-14.14	-141.42	1.2
RE DISCCART	-7.07	-148.49	1.2
RE DISCCART	-141.42	0.0	1.2
RE DISCCART	-134.35	-7.07	1.2
RE DISCCART	-127.28	-14.14	1.2
RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	-106.07	-35.36	1.2
RE DISCCART	-98.99	-42.43	1.2
RE DISCCART	-91.92	-49.5	1.2
RE DISCCART	-88.39	-53.03	1.2
RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	-82.73	-58.69	1.2
RE DISCCART	-81.32	-60.1	1.2
RE DISCCART	-79.9	-61.52	1.2
RE DISCCART	-78.49	-62.93	1.2
RE DISCCART	-77.07	-64.35	1.2
RE DISCCART	-64.35	-77.07	1.2
RE DISCCART	-62.93	-78.49	1.2
RE DISCCART	-61.52	-79.9	1.2
RE DISCCART	-60.1	-81.32	1.2
RE DISCCART	-58.69	-82.73	1.2
RE DISCCART	-56.57	-84.85	1.2
RE DISCCART	-53.03	-88.39	1.2
RE DISCCART	-49.5	-91.92	1.2
RE DISCCART	-42.43	-98.99	1.2
RE DISCCART	-35.36	-106.07	1.2
RE DISCCART	-28.28	-113.14	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	-14.14	-127.28	1.2
RE DISCCART	-7.07	-134.35	1.2
RE DISCCART	0.0	-141.42	1.2
RE DISCCART	-134.35	7.07	1.2
RE DISCCART	-127.28	0.0	1.2
RE DISCCART	-120.21	-7.07	1.2

RE DISCCART	-113.14	-14.14	1.2
RE DISCCART	-106.07	-21.21	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-91.92	-35.36	1.2
RE DISCCART	-84.85	-42.43	1.2
RE DISCCART	-81.32	-45.96	1.2
RE DISCCART	-77.78	-49.5	1.2
RE DISCCART	-75.66	-51.62	1.2
RE DISCCART	-74.25	-53.03	1.2
RE DISCCART	-72.83	-54.45	1.2
RE DISCCART	-71.42	-55.86	1.2
RE DISCCART	-70.0	-57.28	1.2
RE DISCCART	-57.28	-70.0	1.2
RE DISCCART	-55.86	-71.42	1.2
RE DISCCART	-54.45	-72.83	1.2
RE DISCCART	-53.03	-74.25	1.2
RE DISCCART	-51.62	-75.66	1.2
RE DISCCART	-49.5	-77.78	1.2
RE DISCCART	-45.96	-81.32	1.2
RE DISCCART	-42.43	-84.85	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-28.28	-98.99	1.2
RE DISCCART	-21.21	-106.07	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	-127.28	14.14	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-113.14	0.0	1.2
RE DISCCART	-106.07	-7.07	1.2
RE DISCCART	-98.99	-14.14	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-77.78	-35.36	1.2
RE DISCCART	-74.25	-38.89	1.2
RE DISCCART	-70.71	-42.43	1.2
RE DISCCART	-68.59	-44.55	1.2
RE DISCCART	-67.18	-45.96	1.2
RE DISCCART	-65.76	-47.38	1.2
RE DISCCART	-64.35	-48.79	1.2
RE DISCCART	-62.93	-50.2	1.2
RE DISCCART	-50.2	-62.93	1.2
RE DISCCART	-48.79	-64.35	1.2

RE DISCCART	-47.38	-65.76	1.2
RE DISCCART	-45.96	-67.18	1.2
RE DISCCART	-44.55	-68.59	1.2
RE DISCCART	-42.43	-70.71	1.2
RE DISCCART	-38.89	-74.25	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-21.21	-91.92	1.2
RE DISCCART	-14.14	-98.99	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	-120.21	21.21	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-106.07	7.07	1.2
RE DISCCART	-98.99	0.0	1.2
RE DISCCART	-91.92	-7.07	1.2
RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-70.71	-28.28	1.2
RE DISCCART	-67.18	-31.82	1.2
RE DISCCART	-63.64	-35.36	1.2
RE DISCCART	-61.52	-37.48	1.2
RE DISCCART	-60.1	-38.89	1.2
RE DISCCART	-58.69	-40.31	1.2
RE DISCCART	-57.28	-41.72	1.2
RE DISCCART	-55.86	-43.13	1.2
RE DISCCART	-43.13	-55.86	1.2
RE DISCCART	-41.72	-57.28	1.2
RE DISCCART	-40.31	-58.69	1.2
RE DISCCART	-38.89	-60.1	1.2
RE DISCCART	-37.48	-61.52	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-31.82	-67.18	1.2
RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-21.21	-77.78	1.2
RE DISCCART	-14.14	-84.85	1.2
RE DISCCART	-7.07	-91.92	1.2
RE DISCCART	0.0	-98.99	1.2
RE DISCCART	7.07	-106.07	1.2
RE DISCCART	14.14	-113.14	1.2
RE DISCCART	21.21	-120.21	1.2
RE DISCCART	-113.14	28.28	1.2

RE DISCCART	-106.07	21.21	1.2
RE DISCCART	-98.99	14.14	1.2
RE DISCCART	-91.92	7.07	1.2
RE DISCCART	-84.85	0.0	1.2
RE DISCCART	-77.78	-7.07	1.2
RE DISCCART	-70.71	-14.14	1.2
RE DISCCART	-63.64	-21.21	1.2
RE DISCCART	-60.1	-24.75	1.2
RE DISCCART	-56.57	-28.28	1.2
RE DISCCART	-54.45	-30.41	1.2
RE DISCCART	-53.03	-31.82	1.2
RE DISCCART	-51.62	-33.23	1.2
RE DISCCART	-50.2	-34.65	1.2
RE DISCCART	-48.79	-36.06	1.2
RE DISCCART	-36.06	-48.79	1.2
RE DISCCART	-34.65	-50.2	1.2
RE DISCCART	-33.23	-51.62	1.2
RE DISCCART	-31.82	-53.03	1.2
RE DISCCART	-30.41	-54.45	1.2
RE DISCCART	-28.28	-56.57	1.2
RE DISCCART	-24.75	-60.1	1.2
RE DISCCART	-21.21	-63.64	1.2
RE DISCCART	-14.14	-70.71	1.2
RE DISCCART	-7.07	-77.78	1.2
RE DISCCART	0.0	-84.85	1.2
RE DISCCART	7.07	-91.92	1.2
RE DISCCART	14.14	-98.99	1.2
RE DISCCART	21.21	-106.07	1.2
RE DISCCART	28.28	-113.14	1.2
RE DISCCART	-106.07	35.36	1.2
RE DISCCART	-98.99	28.28	1.2
RE DISCCART	-91.92	21.21	1.2
RE DISCCART	-84.85	14.14	1.2
RE DISCCART	-77.78	7.07	1.2
RE DISCCART	-70.71	0.0	1.2
RE DISCCART	-63.64	-7.07	1.2
RE DISCCART	-56.57	-14.14	1.2
RE DISCCART	-53.03	-17.68	1.2
RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-47.38	-23.33	1.2
RE DISCCART	-45.96	-24.75	1.2
RE DISCCART	-44.55	-26.16	1.2
RE DISCCART	-43.13	-27.58	1.2
RE DISCCART	-41.72	-28.99	1.2

RE DISCCART	-28.99	-41.72	1.2
RE DISCCART	-27.58	-43.13	1.2
RE DISCCART	-26.16	-44.55	1.2
RE DISCCART	-24.75	-45.96	1.2
RE DISCCART	-23.33	-47.38	1.2
RE DISCCART	-21.21	-49.5	1.2
RE DISCCART	-17.68	-53.03	1.2
RE DISCCART	-14.14	-56.57	1.2
RE DISCCART	-7.07	-63.64	1.2
RE DISCCART	0.0	-70.71	1.2
RE DISCCART	7.07	-77.78	1.2
RE DISCCART	14.14	-84.85	1.2
RE DISCCART	21.21	-91.92	1.2
RE DISCCART	28.28	-98.99	1.2
RE DISCCART	35.36	-106.07	1.2
RE DISCCART	-98.99	42.43	1.2
RE DISCCART	-91.92	35.36	1.2
RE DISCCART	-84.85	28.28	1.2
RE DISCCART	-77.78	21.21	1.2
RE DISCCART	-70.71	14.14	1.2
RE DISCCART	-63.64	7.07	1.2
RE DISCCART	-56.57	0.0	1.2
RE DISCCART	-49.5	-7.07	1.2
RE DISCCART	-45.96	-10.61	1.2
RE DISCCART	-42.43	-14.14	1.2
RE DISCCART	-40.31	-16.26	1.2
RE DISCCART	-38.89	-17.68	1.2
RE DISCCART	-37.48	-19.09	1.2
RE DISCCART	-36.06	-20.51	1.2
RE DISCCART	-34.65	-21.92	1.2
RE DISCCART	-21.92	-34.65	1.2
RE DISCCART	-20.51	-36.06	1.2
RE DISCCART	-19.09	-37.48	1.2
RE DISCCART	-17.68	-38.89	1.2
RE DISCCART	-16.26	-40.31	1.2
RE DISCCART	-14.14	-42.43	1.2
RE DISCCART	-10.61	-45.96	1.2
RE DISCCART	-7.07	-49.5	1.2
RE DISCCART	0.0	-56.57	1.2
RE DISCCART	7.07	-63.64	1.2
RE DISCCART	14.14	-70.71	1.2
RE DISCCART	21.21	-77.78	1.2
RE DISCCART	28.28	-84.85	1.2
RE DISCCART	35.36	-91.92	1.2

RE DISCCART	42.43	-98.99	1.2
RE DISCCART	-91.92	49.5	1.2
RE DISCCART	-84.85	42.43	1.2
RE DISCCART	-77.78	35.36	1.2
RE DISCCART	-70.71	28.28	1.2
RE DISCCART	-63.64	21.21	1.2
RE DISCCART	-56.57	14.14	1.2
RE DISCCART	-49.5	7.07	1.2
RE DISCCART	-42.43	0.0	1.2
RE DISCCART	-38.89	-3.54	1.2
RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-33.23	-9.19	1.2
RE DISCCART	-31.82	-10.61	1.2
RE DISCCART	-30.41	-12.02	1.2
RE DISCCART	-28.99	-13.44	1.2
RE DISCCART	-27.58	-14.85	1.2
RE DISCCART	-14.85	-27.58	1.2
RE DISCCART	-13.44	-28.99	1.2
RE DISCCART	-12.02	-30.41	1.2
RE DISCCART	-10.61	-31.82	1.2
RE DISCCART	-9.19	-33.23	1.2
RE DISCCART	-7.07	-35.36	1.2
RE DISCCART	-3.54	-38.89	1.2
RE DISCCART	0.0	-42.43	1.2
RE DISCCART	7.07	-49.5	1.2
RE DISCCART	14.14	-56.57	1.2
RE DISCCART	21.21	-63.64	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	35.36	-77.78	1.2
RE DISCCART	42.43	-84.85	1.2
RE DISCCART	49.5	-91.92	1.2
RE DISCCART	-84.85	56.57	1.2
RE DISCCART	-77.78	49.5	1.2
RE DISCCART	-70.71	42.43	1.2
RE DISCCART	-63.64	35.36	1.2
RE DISCCART	-56.57	28.28	1.2
RE DISCCART	-49.5	21.21	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-35.36	7.07	1.2
RE DISCCART	-31.82	3.54	1.2
RE DISCCART	-28.28	0.0	1.2
RE DISCCART	-26.16	-2.12	1.2
RE DISCCART	-24.75	-3.54	1.2
RE DISCCART	-23.33	-4.95	1.2

RE DISCCART	-21.92	-6.36	1.2
RE DISCCART	-20.51	-7.78	1.2
RE DISCCART	-7.78	-20.51	1.2
RE DISCCART	-6.36	-21.92	1.2
RE DISCCART	-4.95	-23.33	1.2
RE DISCCART	-3.54	-24.75	1.2
RE DISCCART	-2.12	-26.16	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	3.54	-31.82	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	28.28	-56.57	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	42.43	-70.71	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	56.57	-84.85	1.2
RE DISCCART	-77.78	63.64	1.2
RE DISCCART	-70.71	56.57	1.2
RE DISCCART	-63.64	49.5	1.2
RE DISCCART	-56.57	42.43	1.2
RE DISCCART	-49.5	35.36	1.2
RE DISCCART	-42.43	28.28	1.2
RE DISCCART	-35.36	21.21	1.2
RE DISCCART	-28.28	14.14	1.2
RE DISCCART	-24.75	10.61	1.2
RE DISCCART	-21.21	7.07	1.2
RE DISCCART	-19.09	4.95	1.2
RE DISCCART	-17.68	3.54	1.2
RE DISCCART	-16.26	2.12	1.2
RE DISCCART	-14.85	0.71	1.2
RE DISCCART	-13.44	-0.71	1.2
RE DISCCART	-0.71	-13.44	1.2
RE DISCCART	0.71	-14.85	1.2
RE DISCCART	2.12	-16.26	1.2
RE DISCCART	3.54	-17.68	1.2
RE DISCCART	4.95	-19.09	1.2
RE DISCCART	7.07	-21.21	1.2
RE DISCCART	10.61	-24.75	1.2
RE DISCCART	14.14	-28.28	1.2
RE DISCCART	21.21	-35.36	1.2
RE DISCCART	28.28	-42.43	1.2
RE DISCCART	35.36	-49.5	1.2
RE DISCCART	42.43	-56.57	1.2

RE DISCCART	49.5	-63.64	1.2
RE DISCCART	56.57	-70.71	1.2
RE DISCCART	63.64	-77.78	1.2
RE DISCCART	-70.71	70.71	1.2
RE DISCCART	-63.64	63.64	1.2
RE DISCCART	-56.57	56.57	1.2
RE DISCCART	-49.5	49.5	1.2
RE DISCCART	-42.43	42.43	1.2
RE DISCCART	-35.36	35.36	1.2
RE DISCCART	-28.28	28.28	1.2
RE DISCCART	-21.21	21.21	1.2
RE DISCCART	-17.68	17.68	1.2
RE DISCCART	-14.14	14.14	1.2
RE DISCCART	-12.02	12.02	1.2
RE DISCCART	-10.61	10.61	1.2
RE DISCCART	-9.19	9.19	1.2
RE DISCCART	-7.78	7.78	1.2
RE DISCCART	-6.36	6.36	1.2
RE DISCCART	6.36	-6.36	1.2
RE DISCCART	7.78	-7.78	1.2
RE DISCCART	9.19	-9.19	1.2
RE DISCCART	10.61	-10.61	1.2
RE DISCCART	12.02	-12.02	1.2
RE DISCCART	14.14	-14.14	1.2
RE DISCCART	17.68	-17.68	1.2
RE DISCCART	21.21	-21.21	1.2
RE DISCCART	28.28	-28.28	1.2
RE DISCCART	35.36	-35.36	1.2
RE DISCCART	42.43	-42.43	1.2
RE DISCCART	49.5	-49.5	1.2
RE DISCCART	56.57	-56.57	1.2
RE DISCCART	63.64	-63.64	1.2
RE DISCCART	70.71	-70.71	1.2
RE DISCCART	-63.64	77.78	1.2
RE DISCCART	-56.57	70.71	1.2
RE DISCCART	-49.5	63.64	1.2
RE DISCCART	-42.43	56.57	1.2
RE DISCCART	-35.36	49.5	1.2
RE DISCCART	-28.28	42.43	1.2
RE DISCCART	-21.21	35.36	1.2
RE DISCCART	-14.14	28.28	1.2
RE DISCCART	-10.61	24.75	1.2
RE DISCCART	-7.07	21.21	1.2
RE DISCCART	-4.95	19.09	1.2

RE DISCCART	-3.54	17.68	1.2
RE DISCCART	-2.12	16.26	1.2
RE DISCCART	-0.71	14.85	1.2
RE DISCCART	0.71	13.44	1.2
RE DISCCART	13.44	0.71	1.2
RE DISCCART	14.85	-0.71	1.2
RE DISCCART	16.26	-2.12	1.2
RE DISCCART	17.68	-3.54	1.2
RE DISCCART	19.09	-4.95	1.2
RE DISCCART	21.21	-7.07	1.2
RE DISCCART	24.75	-10.61	1.2
RE DISCCART	28.28	-14.14	1.2
RE DISCCART	35.36	-21.21	1.2
RE DISCCART	42.43	-28.28	1.2
RE DISCCART	49.5	-35.36	1.2
RE DISCCART	56.57	-42.43	1.2
RE DISCCART	63.64	-49.5	1.2
RE DISCCART	70.71	-56.57	1.2
RE DISCCART	77.78	-63.64	1.2
RE DISCCART	-56.57	84.85	1.2
RE DISCCART	-49.5	77.78	1.2
RE DISCCART	-42.43	70.71	1.2
RE DISCCART	-35.36	63.64	1.2
RE DISCCART	-28.28	56.57	1.2
RE DISCCART	-21.21	49.5	1.2
RE DISCCART	-14.14	42.43	1.2
RE DISCCART	-7.07	35.36	1.2
RE DISCCART	-3.54	31.82	1.2
RE DISCCART	0.0	28.28	1.2
RE DISCCART	2.12	26.16	1.2
RE DISCCART	3.54	24.75	1.2
RE DISCCART	4.95	23.33	1.2
RE DISCCART	6.36	21.92	1.2
RE DISCCART	7.78	20.51	1.2
RE DISCCART	20.51	7.78	1.2
RE DISCCART	21.92	6.36	1.2
RE DISCCART	23.33	4.95	1.2
RE DISCCART	24.75	3.54	1.2
RE DISCCART	26.16	2.12	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	31.82	-3.54	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	42.43	-14.14	1.2
RE DISCCART	49.5	-21.21	1.2

RE DISCCART	56.57	-28.28	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	-49.5	91.92	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-35.36	77.78	1.2
RE DISCCART	-28.28	70.71	1.2
RE DISCCART	-21.21	63.64	1.2
RE DISCCART	-14.14	56.57	1.2
RE DISCCART	-7.07	49.5	1.2
RE DISCCART	0.0	42.43	1.2
RE DISCCART	3.54	38.89	1.2
RE DISCCART	7.07	35.36	1.2
RE DISCCART	9.19	33.23	1.2
RE DISCCART	10.61	31.82	1.2
RE DISCCART	12.02	30.41	1.2
RE DISCCART	13.44	28.99	1.2
RE DISCCART	14.85	27.58	1.2
RE DISCCART	27.58	14.85	1.2
RE DISCCART	28.99	13.44	1.2
RE DISCCART	30.41	12.02	1.2
RE DISCCART	31.82	10.61	1.2
RE DISCCART	33.23	9.19	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	38.89	3.54	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	63.64	-21.21	1.2
RE DISCCART	70.71	-28.28	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	-42.43	98.99	1.2
RE DISCCART	-35.36	91.92	1.2
RE DISCCART	-28.28	84.85	1.2
RE DISCCART	-21.21	77.78	1.2
RE DISCCART	-14.14	70.71	1.2
RE DISCCART	-7.07	63.64	1.2
RE DISCCART	0.0	56.57	1.2
RE DISCCART	7.07	49.5	1.2
RE DISCCART	10.61	45.96	1.2

RE DISCCART	14.14	42.43	1.2
RE DISCCART	16.26	40.31	1.2
RE DISCCART	17.68	38.89	1.2
RE DISCCART	19.09	37.48	1.2
RE DISCCART	20.51	36.06	1.2
RE DISCCART	21.92	34.65	1.2
RE DISCCART	34.65	21.92	1.2
RE DISCCART	36.06	20.51	1.2
RE DISCCART	37.48	19.09	1.2
RE DISCCART	38.89	17.68	1.2
RE DISCCART	40.31	16.26	1.2
RE DISCCART	42.43	14.14	1.2
RE DISCCART	45.96	10.61	1.2
RE DISCCART	49.5	7.07	1.2
RE DISCCART	56.57	0.0	1.2
RE DISCCART	63.64	-7.07	1.2
RE DISCCART	70.71	-14.14	1.2
RE DISCCART	77.78	-21.21	1.2
RE DISCCART	84.85	-28.28	1.2
RE DISCCART	91.92	-35.36	1.2
RE DISCCART	98.99	-42.43	1.2
RE DISCCART	-35.36	106.07	1.2
RE DISCCART	-28.28	98.99	1.2
RE DISCCART	-21.21	91.92	1.2
RE DISCCART	-14.14	84.85	1.2
RE DISCCART	-7.07	77.78	1.2
RE DISCCART	0.0	70.71	1.2
RE DISCCART	7.07	63.64	1.2
RE DISCCART	14.14	56.57	1.2
RE DISCCART	17.68	53.03	1.2
RE DISCCART	21.21	49.5	1.2
RE DISCCART	23.33	47.38	1.2
RE DISCCART	24.75	45.96	1.2
RE DISCCART	26.16	44.55	1.2
RE DISCCART	27.58	43.13	1.2
RE DISCCART	28.99	41.72	1.2
RE DISCCART	41.72	28.99	1.2
RE DISCCART	43.13	27.58	1.2
RE DISCCART	44.55	26.16	1.2
RE DISCCART	45.96	24.75	1.2
RE DISCCART	47.38	23.33	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	53.03	17.68	1.2
RE DISCCART	56.57	14.14	1.2

RE DISCCART 63.64 7.07 1.2
RE DISCCART 70.71 0.0 1.2
RE DISCCART 77.78 -7.07 1.2
RE DISCCART 84.85 -14.14 1.2
RE DISCCART 91.92 -21.21 1.2
RE DISCCART 98.99 -28.28 1.2
RE DISCCART 106.07 -35.36 1.2
RE DISCCART -28.28 113.14 1.2
RE DISCCART -21.21 106.07 1.2
RE DISCCART -14.14 98.99 1.2
RE DISCCART -7.07 91.92 1.2
RE DISCCART 0.0 84.85 1.2
RE DISCCART 7.07 77.78 1.2
RE DISCCART 14.14 70.71 1.2
RE DISCCART 21.21 63.64 1.2
RE DISCCART 24.75 60.1 1.2
RE DISCCART 28.28 56.57 1.2
RE DISCCART 30.41 54.45 1.2
RE DISCCART 31.82 53.03 1.2
RE DISCCART 33.23 51.62 1.2
RE DISCCART 34.65 50.2 1.2
RE DISCCART 36.06 48.79 1.2
RE DISCCART 48.79 36.06 1.2
RE DISCCART 50.2 34.65 1.2
RE DISCCART 51.62 33.23 1.2
RE DISCCART 53.03 31.82 1.2
RE DISCCART 54.45 30.41 1.2
RE DISCCART 56.57 28.28 1.2
RE DISCCART 60.1 24.75 1.2
RE DISCCART 63.64 21.21 1.2
RE DISCCART 70.71 14.14 1.2
RE DISCCART 77.78 7.07 1.2
RE DISCCART 84.85 0.0 1.2
RE DISCCART 91.92 -7.07 1.2
RE DISCCART 98.99 -14.14 1.2
RE DISCCART 106.07 -21.21 1.2
RE DISCCART 113.14 -28.28 1.2
RE DISCCART -21.21 120.21 1.2
RE DISCCART -14.14 113.14 1.2
RE DISCCART -7.07 106.07 1.2
RE DISCCART 0.0 98.99 1.2
RE DISCCART 7.07 91.92 1.2
RE DISCCART 14.14 84.85 1.2
RE DISCCART 21.21 77.78 1.2

RE DISCCART	28.28	70.71	1.2
RE DISCCART	31.82	67.18	1.2
RE DISCCART	35.36	63.64	1.2
RE DISCCART	37.48	61.52	1.2
RE DISCCART	38.89	60.1	1.2
RE DISCCART	40.31	58.69	1.2
RE DISCCART	41.72	57.28	1.2
RE DISCCART	43.13	55.86	1.2
RE DISCCART	55.86	43.13	1.2
RE DISCCART	57.28	41.72	1.2
RE DISCCART	58.69	40.31	1.2
RE DISCCART	60.1	38.89	1.2
RE DISCCART	61.52	37.48	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	67.18	31.82	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	91.92	7.07	1.2
RE DISCCART	98.99	0.0	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	-14.14	127.28	1.2
RE DISCCART	-7.07	120.21	1.2
RE DISCCART	0.0	113.14	1.2
RE DISCCART	7.07	106.07	1.2
RE DISCCART	14.14	98.99	1.2
RE DISCCART	21.21	91.92	1.2
RE DISCCART	28.28	84.85	1.2
RE DISCCART	35.36	77.78	1.2
RE DISCCART	38.89	74.25	1.2
RE DISCCART	42.43	70.71	1.2
RE DISCCART	44.55	68.59	1.2
RE DISCCART	45.96	67.18	1.2
RE DISCCART	47.38	65.76	1.2
RE DISCCART	48.79	64.35	1.2
RE DISCCART	50.2	62.93	1.2
RE DISCCART	62.93	50.2	1.2
RE DISCCART	64.35	48.79	1.2
RE DISCCART	65.76	47.38	1.2
RE DISCCART	67.18	45.96	1.2
RE DISCCART	68.59	44.55	1.2
RE DISCCART	70.71	42.43	1.2

RE DISCCART	74.25	38.89	1.2
RE DISCCART	77.78	35.36	1.2
RE DISCCART	84.85	28.28	1.2
RE DISCCART	91.92	21.21	1.2
RE DISCCART	98.99	14.14	1.2
RE DISCCART	106.07	7.07	1.2
RE DISCCART	113.14	0.0	1.2
RE DISCCART	120.21	-7.07	1.2
RE DISCCART	127.28	-14.14	1.2
RE DISCCART	-7.07	134.35	1.2
RE DISCCART	0.0	127.28	1.2
RE DISCCART	7.07	120.21	1.2
RE DISCCART	14.14	113.14	1.2
RE DISCCART	21.21	106.07	1.2
RE DISCCART	28.28	98.99	1.2
RE DISCCART	35.36	91.92	1.2
RE DISCCART	42.43	84.85	1.2
RE DISCCART	45.96	81.32	1.2
RE DISCCART	49.5	77.78	1.2
RE DISCCART	51.62	75.66	1.2
RE DISCCART	53.03	74.25	1.2
RE DISCCART	54.45	72.83	1.2
RE DISCCART	55.86	71.42	1.2
RE DISCCART	57.28	70.0	1.2
RE DISCCART	70.0	57.28	1.2
RE DISCCART	71.42	55.86	1.2
RE DISCCART	72.83	54.45	1.2
RE DISCCART	74.25	53.03	1.2
RE DISCCART	75.66	51.62	1.2
RE DISCCART	77.78	49.5	1.2
RE DISCCART	81.32	45.96	1.2
RE DISCCART	84.85	42.43	1.2
RE DISCCART	91.92	35.36	1.2
RE DISCCART	98.99	28.28	1.2
RE DISCCART	106.07	21.21	1.2
RE DISCCART	113.14	14.14	1.2
RE DISCCART	120.21	7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	0.0	141.42	1.2
RE DISCCART	7.07	134.35	1.2
RE DISCCART	14.14	127.28	1.2
RE DISCCART	21.21	120.21	1.2
RE DISCCART	28.28	113.14	1.2

RE DISCCART	35.36	106.07	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	49.5	91.92	1.2
RE DISCCART	53.03	88.39	1.2
RE DISCCART	56.57	84.85	1.2
RE DISCCART	58.69	82.73	1.2
RE DISCCART	60.1	81.32	1.2
RE DISCCART	61.52	79.9	1.2
RE DISCCART	62.93	78.49	1.2
RE DISCCART	64.35	77.07	1.2
RE DISCCART	77.07	64.35	1.2
RE DISCCART	78.49	62.93	1.2
RE DISCCART	79.9	61.52	1.2
RE DISCCART	81.32	60.1	1.2
RE DISCCART	82.73	58.69	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	88.39	53.03	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	113.14	28.28	1.2
RE DISCCART	120.21	21.21	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	7.07	148.49	1.2
RE DISCCART	14.14	141.42	1.2
RE DISCCART	21.21	134.35	1.2
RE DISCCART	28.28	127.28	1.2
RE DISCCART	35.36	120.21	1.2
RE DISCCART	42.43	113.14	1.2
RE DISCCART	49.5	106.07	1.2
RE DISCCART	56.57	98.99	1.2
RE DISCCART	60.1	95.46	1.2
RE DISCCART	63.64	91.92	1.2
RE DISCCART	65.76	89.8	1.2
RE DISCCART	67.18	88.39	1.2
RE DISCCART	68.59	86.97	1.2
RE DISCCART	70.0	85.56	1.2
RE DISCCART	71.42	84.15	1.2
RE DISCCART	84.15	71.42	1.2
RE DISCCART	85.56	70.0	1.2
RE DISCCART	86.97	68.59	1.2
RE DISCCART	88.39	67.18	1.2

RE DISCCART	89.8	65.76	1.2
RE DISCCART	91.92	63.64	1.2
RE DISCCART	95.46	60.1	1.2
RE DISCCART	98.99	56.57	1.2
RE DISCCART	106.07	49.5	1.2
RE DISCCART	113.14	42.43	1.2
RE DISCCART	120.21	35.36	1.2
RE DISCCART	127.28	28.28	1.2
RE DISCCART	134.35	21.21	1.2
RE DISCCART	141.42	14.14	1.2
RE DISCCART	148.49	7.07	1.2
RE DISCCART	14.14	155.56	1.2
RE DISCCART	21.21	148.49	1.2
RE DISCCART	28.28	141.42	1.2
RE DISCCART	35.36	134.35	1.2
RE DISCCART	42.43	127.28	1.2
RE DISCCART	49.5	120.21	1.2
RE DISCCART	56.57	113.14	1.2
RE DISCCART	63.64	106.07	1.2
RE DISCCART	67.18	102.53	1.2
RE DISCCART	70.71	98.99	1.2
RE DISCCART	72.83	96.87	1.2
RE DISCCART	74.25	95.46	1.2
RE DISCCART	75.66	94.05	1.2
RE DISCCART	77.07	92.63	1.2
RE DISCCART	78.49	91.22	1.2
RE DISCCART	91.22	78.49	1.2
RE DISCCART	92.63	77.07	1.2
RE DISCCART	94.05	75.66	1.2
RE DISCCART	95.46	74.25	1.2
RE DISCCART	96.87	72.83	1.2
RE DISCCART	98.99	70.71	1.2
RE DISCCART	102.53	67.18	1.2
RE DISCCART	106.07	63.64	1.2
RE DISCCART	113.14	56.57	1.2
RE DISCCART	120.21	49.5	1.2
RE DISCCART	127.28	42.43	1.2
RE DISCCART	134.35	35.36	1.2
RE DISCCART	141.42	28.28	1.2
RE DISCCART	148.49	21.21	1.2
RE DISCCART	155.56	14.14	1.2
RE DISCCART	21.21	162.63	1.2
RE DISCCART	28.28	155.56	1.2
RE DISCCART	35.36	148.49	1.2

RE DISCCART	42.43	141.42	1.2
RE DISCCART	49.5	134.35	1.2
RE DISCCART	56.57	127.28	1.2
RE DISCCART	63.64	120.21	1.2
RE DISCCART	70.71	113.14	1.2
RE DISCCART	74.25	109.6	1.2
RE DISCCART	77.78	106.07	1.2
RE DISCCART	79.9	103.94	1.2
RE DISCCART	81.32	102.53	1.2
RE DISCCART	82.73	101.12	1.2
RE DISCCART	84.15	99.7	1.2
RE DISCCART	85.56	98.29	1.2
RE DISCCART	98.29	85.56	1.2
RE DISCCART	99.7	84.15	1.2
RE DISCCART	101.12	82.73	1.2
RE DISCCART	102.53	81.32	1.2
RE DISCCART	103.94	79.9	1.2
RE DISCCART	106.07	77.78	1.2
RE DISCCART	109.6	74.25	1.2
RE DISCCART	113.14	70.71	1.2
RE DISCCART	120.21	63.64	1.2
RE DISCCART	127.28	56.57	1.2
RE DISCCART	134.35	49.5	1.2
RE DISCCART	141.42	42.43	1.2
RE DISCCART	148.49	35.36	1.2
RE DISCCART	155.56	28.28	1.2
RE DISCCART	162.63	21.21	1.2
RE DISCCART	28.28	169.71	1.2
RE DISCCART	35.36	162.63	1.2
RE DISCCART	42.43	155.56	1.2
RE DISCCART	49.5	148.49	1.2
RE DISCCART	56.57	141.42	1.2
RE DISCCART	63.64	134.35	1.2
RE DISCCART	70.71	127.28	1.2
RE DISCCART	77.78	120.21	1.2
RE DISCCART	81.32	116.67	1.2
RE DISCCART	84.85	113.14	1.2
RE DISCCART	86.97	111.02	1.2
RE DISCCART	88.39	109.6	1.2
RE DISCCART	89.8	108.19	1.2
RE DISCCART	91.22	106.77	1.2
RE DISCCART	92.63	105.36	1.2
RE DISCCART	105.36	92.63	1.2
RE DISCCART	106.77	91.22	1.2

RE DISCCART	108.19	89.8	1.2
RE DISCCART	109.6	88.39	1.2
RE DISCCART	111.02	86.97	1.2
RE DISCCART	113.14	84.85	1.2
RE DISCCART	116.67	81.32	1.2
RE DISCCART	120.21	77.78	1.2
RE DISCCART	127.28	70.71	1.2
RE DISCCART	134.35	63.64	1.2
RE DISCCART	141.42	56.57	1.2
RE DISCCART	148.49	49.5	1.2
RE DISCCART	155.56	42.43	1.2
RE DISCCART	162.63	35.36	1.2
RE DISCCART	169.71	28.28	1.2
RE DISCCART	35.36	176.78	1.2
RE DISCCART	42.43	169.71	1.2
RE DISCCART	49.5	162.63	1.2
RE DISCCART	56.57	155.56	1.2
RE DISCCART	63.64	148.49	1.2
RE DISCCART	70.71	141.42	1.2
RE DISCCART	77.78	134.35	1.2
RE DISCCART	84.85	127.28	1.2
RE DISCCART	88.39	123.74	1.2
RE DISCCART	91.92	120.21	1.2
RE DISCCART	94.05	118.09	1.2
RE DISCCART	95.46	116.67	1.2
RE DISCCART	96.87	115.26	1.2
RE DISCCART	98.29	113.84	1.2
RE DISCCART	99.7	112.43	1.2
RE DISCCART	112.43	99.7	1.2
RE DISCCART	113.84	98.29	1.2
RE DISCCART	115.26	96.87	1.2
RE DISCCART	116.67	95.46	1.2
RE DISCCART	118.09	94.05	1.2
RE DISCCART	120.21	91.92	1.2
RE DISCCART	123.74	88.39	1.2
RE DISCCART	127.28	84.85	1.2
RE DISCCART	134.35	77.78	1.2
RE DISCCART	141.42	70.71	1.2
RE DISCCART	148.49	63.64	1.2
RE DISCCART	155.56	56.57	1.2
RE DISCCART	162.63	49.5	1.2
RE DISCCART	169.71	42.43	1.2
RE DISCCART	176.78	35.36	1.2
RE DISCCART	42.43	183.85	1.2

RE DISCCART	49.5	176.78	1.2
RE DISCCART	56.57	169.71	1.2
RE DISCCART	63.64	162.63	1.2
RE DISCCART	70.71	155.56	1.2
RE DISCCART	77.78	148.49	1.2
RE DISCCART	84.85	141.42	1.2
RE DISCCART	91.92	134.35	1.2
RE DISCCART	95.46	130.81	1.2
RE DISCCART	98.99	127.28	1.2
RE DISCCART	101.12	125.16	1.2
RE DISCCART	102.53	123.74	1.2
RE DISCCART	103.94	122.33	1.2
RE DISCCART	105.36	120.92	1.2
RE DISCCART	106.77	119.5	1.2
RE DISCCART	119.5	106.77	1.2
RE DISCCART	120.92	105.36	1.2
RE DISCCART	122.33	103.94	1.2
RE DISCCART	123.74	102.53	1.2
RE DISCCART	125.16	101.12	1.2
RE DISCCART	127.28	98.99	1.2
RE DISCCART	130.81	95.46	1.2
RE DISCCART	134.35	91.92	1.2
RE DISCCART	141.42	84.85	1.2
RE DISCCART	148.49	77.78	1.2
RE DISCCART	155.56	70.71	1.2
RE DISCCART	162.63	63.64	1.2
RE DISCCART	169.71	56.57	1.2
RE DISCCART	176.78	49.5	1.2
RE DISCCART	183.85	42.43	1.2
RE DISCCART	49.5	190.92	1.2
RE DISCCART	56.57	183.85	1.2
RE DISCCART	63.64	176.78	1.2
RE DISCCART	70.71	169.71	1.2
RE DISCCART	77.78	162.63	1.2
RE DISCCART	84.85	155.56	1.2
RE DISCCART	91.92	148.49	1.2
RE DISCCART	98.99	141.42	1.2
RE DISCCART	102.53	137.89	1.2
RE DISCCART	106.07	134.35	1.2
RE DISCCART	108.19	132.23	1.2
RE DISCCART	109.6	130.81	1.2
RE DISCCART	111.02	129.4	1.2
RE DISCCART	112.43	127.99	1.2
RE DISCCART	113.84	126.57	1.2

RE DISCCART	126.57	113.84	1.2
RE DISCCART	127.99	112.43	1.2
RE DISCCART	129.4	111.02	1.2
RE DISCCART	130.81	109.6	1.2
RE DISCCART	132.23	108.19	1.2
RE DISCCART	134.35	106.07	1.2
RE DISCCART	137.89	102.53	1.2
RE DISCCART	141.42	98.99	1.2
RE DISCCART	148.49	91.92	1.2
RE DISCCART	155.56	84.85	1.2
RE DISCCART	162.63	77.78	1.2
RE DISCCART	169.71	70.71	1.2
RE DISCCART	176.78	63.64	1.2
RE DISCCART	183.85	56.57	1.2
RE DISCCART	190.92	49.5	1.2
RE DISCCART	56.57	197.99	1.2
RE DISCCART	63.64	190.92	1.2
RE DISCCART	70.71	183.85	1.2
RE DISCCART	77.78	176.78	1.2
RE DISCCART	84.85	169.71	1.2
RE DISCCART	91.92	162.63	1.2
RE DISCCART	98.99	155.56	1.2
RE DISCCART	106.07	148.49	1.2
RE DISCCART	109.6	144.96	1.2
RE DISCCART	113.14	141.42	1.2
RE DISCCART	115.26	139.3	1.2
RE DISCCART	116.67	137.89	1.2
RE DISCCART	118.09	136.47	1.2
RE DISCCART	119.5	135.06	1.2
RE DISCCART	120.92	133.64	1.2
RE DISCCART	133.64	120.92	1.2
RE DISCCART	135.06	119.5	1.2
RE DISCCART	136.47	118.09	1.2
RE DISCCART	137.89	116.67	1.2
RE DISCCART	139.3	115.26	1.2
RE DISCCART	141.42	113.14	1.2
RE DISCCART	144.96	109.6	1.2
RE DISCCART	148.49	106.07	1.2
RE DISCCART	155.56	98.99	1.2
RE DISCCART	162.63	91.92	1.2
RE DISCCART	169.71	84.85	1.2
RE DISCCART	176.78	77.78	1.2
RE DISCCART	183.85	70.71	1.2
RE DISCCART	190.92	63.64	1.2

RE DISCCART	197.99	56.57	1.2
RE DISCCART	63.64	205.06	1.2
RE DISCCART	70.71	197.99	1.2
RE DISCCART	77.78	190.92	1.2
RE DISCCART	84.85	183.85	1.2
RE DISCCART	91.92	176.78	1.2
RE DISCCART	98.99	169.71	1.2
RE DISCCART	106.07	162.63	1.2
RE DISCCART	113.14	155.56	1.2
RE DISCCART	116.67	152.03	1.2
RE DISCCART	120.21	148.49	1.2
RE DISCCART	122.33	146.37	1.2
RE DISCCART	123.74	144.96	1.2
RE DISCCART	125.16	143.54	1.2
RE DISCCART	126.57	142.13	1.2
RE DISCCART	127.99	140.71	1.2
RE DISCCART	140.71	127.99	1.2
RE DISCCART	142.13	126.57	1.2
RE DISCCART	143.54	125.16	1.2
RE DISCCART	144.96	123.74	1.2
RE DISCCART	146.37	122.33	1.2
RE DISCCART	148.49	120.21	1.2
RE DISCCART	152.03	116.67	1.2
RE DISCCART	155.56	113.14	1.2
RE DISCCART	162.63	106.07	1.2
RE DISCCART	169.71	98.99	1.2
RE DISCCART	176.78	91.92	1.2
RE DISCCART	183.85	84.85	1.2
RE DISCCART	190.92	77.78	1.2
RE DISCCART	197.99	70.71	1.2
RE DISCCART	205.06	63.64	1.2
RE DISCCART	70.71	212.13	1.2
RE DISCCART	77.78	205.06	1.2
RE DISCCART	84.85	197.99	1.2
RE DISCCART	91.92	190.92	1.2
RE DISCCART	98.99	183.85	1.2
RE DISCCART	106.07	176.78	1.2
RE DISCCART	113.14	169.71	1.2
RE DISCCART	120.21	162.63	1.2
RE DISCCART	123.74	159.1	1.2
RE DISCCART	127.28	155.56	1.2
RE DISCCART	129.4	153.44	1.2
RE DISCCART	130.81	152.03	1.2
RE DISCCART	132.23	150.61	1.2

RE DISCCART	133.64	149.2	1.2
RE DISCCART	135.06	147.79	1.2
RE DISCCART	147.79	135.06	1.2
RE DISCCART	149.2	133.64	1.2
RE DISCCART	150.61	132.23	1.2
RE DISCCART	152.03	130.81	1.2
RE DISCCART	153.44	129.4	1.2
RE DISCCART	155.56	127.28	1.2
RE DISCCART	159.1	123.74	1.2
RE DISCCART	162.63	120.21	1.2
RE DISCCART	169.71	113.14	1.2
RE DISCCART	176.78	106.07	1.2
RE DISCCART	183.85	98.99	1.2
RE DISCCART	190.92	91.92	1.2
RE DISCCART	197.99	84.85	1.2
RE DISCCART	205.06	77.78	1.2
RE DISCCART	212.13	70.71	1.2
RE DISCCART	77.78	219.2	1.2
RE DISCCART	84.85	212.13	1.2
RE DISCCART	91.92	205.06	1.2
RE DISCCART	98.99	197.99	1.2
RE DISCCART	106.07	190.92	1.2
RE DISCCART	113.14	183.85	1.2
RE DISCCART	120.21	176.78	1.2
RE DISCCART	127.28	169.71	1.2
RE DISCCART	130.81	166.17	1.2
RE DISCCART	134.35	162.63	1.2
RE DISCCART	136.47	160.51	1.2
RE DISCCART	137.89	159.1	1.2
RE DISCCART	139.3	157.68	1.2
RE DISCCART	140.71	156.27	1.2
RE DISCCART	142.13	154.86	1.2
RE DISCCART	154.86	142.13	1.2
RE DISCCART	156.27	140.71	1.2
RE DISCCART	157.68	139.3	1.2
RE DISCCART	159.1	137.89	1.2
RE DISCCART	160.51	136.47	1.2
RE DISCCART	162.63	134.35	1.2
RE DISCCART	166.17	130.81	1.2
RE DISCCART	169.71	127.28	1.2
RE DISCCART	176.78	120.21	1.2
RE DISCCART	183.85	113.14	1.2
RE DISCCART	190.92	106.07	1.2
RE DISCCART	197.99	98.99	1.2

RE DISCCART	205.06	91.92	1.2
RE DISCCART	212.13	84.85	1.2
RE DISCCART	219.2	77.78	1.2
RE DISCCART	84.85	226.27	1.2
RE DISCCART	91.92	219.2	1.2
RE DISCCART	98.99	212.13	1.2
RE DISCCART	106.07	205.06	1.2
RE DISCCART	113.14	197.99	1.2
RE DISCCART	120.21	190.92	1.2
RE DISCCART	127.28	183.85	1.2
RE DISCCART	134.35	176.78	1.2
RE DISCCART	137.89	173.24	1.2
RE DISCCART	141.42	169.71	1.2
RE DISCCART	143.54	167.58	1.2
RE DISCCART	144.96	166.17	1.2
RE DISCCART	146.37	164.76	1.2
RE DISCCART	147.79	163.34	1.2
RE DISCCART	149.2	161.93	1.2
RE DISCCART	161.93	149.2	1.2
RE DISCCART	163.34	147.79	1.2
RE DISCCART	164.76	146.37	1.2
RE DISCCART	166.17	144.96	1.2
RE DISCCART	167.58	143.54	1.2
RE DISCCART	169.71	141.42	1.2
RE DISCCART	173.24	137.89	1.2
RE DISCCART	176.78	134.35	1.2
RE DISCCART	183.85	127.28	1.2
RE DISCCART	190.92	120.21	1.2
RE DISCCART	197.99	113.14	1.2
RE DISCCART	205.06	106.07	1.2
RE DISCCART	212.13	98.99	1.2
RE DISCCART	219.2	91.92	1.2
RE DISCCART	226.27	84.85	1.2
RE DISCCART	91.92	233.35	1.2
RE DISCCART	98.99	226.27	1.2
RE DISCCART	106.07	219.2	1.2
RE DISCCART	113.14	212.13	1.2
RE DISCCART	120.21	205.06	1.2
RE DISCCART	127.28	197.99	1.2
RE DISCCART	134.35	190.92	1.2
RE DISCCART	141.42	183.85	1.2
RE DISCCART	144.96	180.31	1.2
RE DISCCART	148.49	176.78	1.2
RE DISCCART	150.61	174.66	1.2

RE DISCCART	152.03	173.24	1.2
RE DISCCART	153.44	171.83	1.2
RE DISCCART	154.86	170.41	1.2
RE DISCCART	156.27	169.0	1.2
RE DISCCART	169.0	156.27	1.2
RE DISCCART	170.41	154.86	1.2
RE DISCCART	171.83	153.44	1.2
RE DISCCART	173.24	152.03	1.2
RE DISCCART	174.66	150.61	1.2
RE DISCCART	176.78	148.49	1.2
RE DISCCART	180.31	144.96	1.2
RE DISCCART	183.85	141.42	1.2
RE DISCCART	190.92	134.35	1.2
RE DISCCART	197.99	127.28	1.2
RE DISCCART	205.06	120.21	1.2
RE DISCCART	212.13	113.14	1.2
RE DISCCART	219.2	106.07	1.2
RE DISCCART	226.27	98.99	1.2
RE DISCCART	233.35	91.92	1.2
RE DISCCART	98.99	240.42	1.2
RE DISCCART	106.07	233.35	1.2
RE DISCCART	113.14	226.27	1.2
RE DISCCART	120.21	219.2	1.2
RE DISCCART	127.28	212.13	1.2
RE DISCCART	134.35	205.06	1.2
RE DISCCART	141.42	197.99	1.2
RE DISCCART	148.49	190.92	1.2
RE DISCCART	152.03	187.38	1.2
RE DISCCART	155.56	183.85	1.2
RE DISCCART	157.68	181.73	1.2
RE DISCCART	159.1	180.31	1.2
RE DISCCART	160.51	178.9	1.2
RE DISCCART	161.93	177.48	1.2
RE DISCCART	163.34	176.07	1.2
RE DISCCART	176.07	163.34	1.2
RE DISCCART	177.48	161.93	1.2
RE DISCCART	178.9	160.51	1.2
RE DISCCART	180.31	159.1	1.2
RE DISCCART	181.73	157.68	1.2
RE DISCCART	183.85	155.56	1.2
RE DISCCART	187.38	152.03	1.2
RE DISCCART	190.92	148.49	1.2
RE DISCCART	197.99	141.42	1.2
RE DISCCART	205.06	134.35	1.2

RE DISCCART 212.13 127.28 1.2
RE DISCCART 219.2 120.21 1.2
RE DISCCART 226.27 113.14 1.2
RE DISCCART 233.35 106.07 1.2
RE DISCCART 240.42 98.99 1.2
RE DISCCART 106.07 247.49 1.2
RE DISCCART 113.14 240.42 1.2
RE DISCCART 120.21 233.35 1.2
RE DISCCART 127.28 226.27 1.2
RE DISCCART 134.35 219.2 1.2
RE DISCCART 141.42 212.13 1.2
RE DISCCART 148.49 205.06 1.2
RE DISCCART 155.56 197.99 1.2
RE DISCCART 159.1 194.45 1.2
RE DISCCART 162.63 190.92 1.2
RE DISCCART 164.76 188.8 1.2
RE DISCCART 166.17 187.38 1.2
RE DISCCART 167.58 185.97 1.2
RE DISCCART 169.0 184.55 1.2
RE DISCCART 170.41 183.14 1.2
RE DISCCART 183.14 170.41 1.2
RE DISCCART 184.55 169.0 1.2
RE DISCCART 185.97 167.58 1.2
RE DISCCART 187.38 166.17 1.2
RE DISCCART 188.8 164.76 1.2
RE DISCCART 190.92 162.63 1.2
RE DISCCART 194.45 159.1 1.2
RE DISCCART 197.99 155.56 1.2
RE DISCCART 205.06 148.49 1.2
RE DISCCART 212.13 141.42 1.2
RE DISCCART 219.2 134.35 1.2
RE DISCCART 226.27 127.28 1.2
RE DISCCART 233.35 120.21 1.2
RE DISCCART 240.42 113.14 1.2
RE DISCCART 247.49 106.07 1.2
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP97300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 1997

ME UAIRDATA 4901 1997

ME STARTEND 1997 01 01 1 1997 12 31 24

ME FINISHED

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** PROJECTN 0 104 7 -177 0 0.9996 500000 0

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\13NCRA-1.DAT

**Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\13NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
**MODELOPTs:
PAGE 2

CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

Table with 11 columns: EMISSION RATE, NUMBER, EMISSION RATE, COORD (SW CORNER), BASE, RELEASE, X-DIM, Y-DIM, ORIENT., INIT. Includes rows for NCRA_S1 through NCRA_S5 with various numerical values.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
PAGE 3

CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

- NCRA_S1 NCRA_S1 ,
NCRA_S2 NCRA_S2 ,
NCRA_S3 NCRA_S3 ,
NCRA_S4 NCRA_S4 ,
NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
**MODELOPTs:
PAGE 4

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

- (-247.5, -106.1, 0.0, 1.2); (-240.4, -113.1, 0.0, 1.2);
(-233.4, -120.2, 0.0, 1.2); (-226.3, -127.3, 0.0, 1.2);
(-219.2, -134.4, 0.0, 1.2); (-212.1, -141.4, 0.0, 1.2);

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

(-205.1,	-148.5,	0.0,	1.2);	(-198.0,	-155.6,	0.0,	1.2);
(-194.4,	-159.1,	0.0,	1.2);	(-190.9,	-162.6,	0.0,	1.2);
(-188.8,	-164.8,	0.0,	1.2);	(-187.4,	-166.2,	0.0,	1.2);
(-186.0,	-167.6,	0.0,	1.2);	(-184.6,	-169.0,	0.0,	1.2);
(-183.1,	-170.4,	0.0,	1.2);	(-170.4,	-183.1,	0.0,	1.2);
(-169.0,	-184.6,	0.0,	1.2);	(-167.6,	-186.0,	0.0,	1.2);
(-166.2,	-187.4,	0.0,	1.2);	(-164.8,	-188.8,	0.0,	1.2);
(-162.6,	-190.9,	0.0,	1.2);	(-159.1,	-194.4,	0.0,	1.2);
(-155.6,	-198.0,	0.0,	1.2);	(-148.5,	-205.1,	0.0,	1.2);
(-141.4,	-212.1,	0.0,	1.2);	(-134.4,	-219.2,	0.0,	1.2);
(-127.3,	-226.3,	0.0,	1.2);	(-120.2,	-233.4,	0.0,	1.2);
(-113.1,	-240.4,	0.0,	1.2);	(-106.1,	-247.5,	0.0,	1.2);
(-240.4,	-99.0,	0.0,	1.2);	(-233.4,	-106.1,	0.0,	1.2);
(-226.3,	-113.1,	0.0,	1.2);	(-219.2,	-120.2,	0.0,	1.2);
(-212.1,	-127.3,	0.0,	1.2);	(-205.1,	-134.4,	0.0,	1.2);
(-198.0,	-141.4,	0.0,	1.2);	(-190.9,	-148.5,	0.0,	1.2);
(-187.4,	-152.0,	0.0,	1.2);	(-183.9,	-155.6,	0.0,	1.2);
(-181.7,	-157.7,	0.0,	1.2);	(-180.3,	-159.1,	0.0,	1.2);
(-178.9,	-160.5,	0.0,	1.2);	(-177.5,	-161.9,	0.0,	1.2);
(-176.1,	-163.3,	0.0,	1.2);	(-163.3,	-176.1,	0.0,	1.2);
(-161.9,	-177.5,	0.0,	1.2);	(-160.5,	-178.9,	0.0,	1.2);
(-159.1,	-180.3,	0.0,	1.2);	(-157.7,	-181.7,	0.0,	1.2);
(-155.6,	-183.9,	0.0,	1.2);	(-152.0,	-187.4,	0.0,	1.2);
(-148.5,	-190.9,	0.0,	1.2);	(-141.4,	-198.0,	0.0,	1.2);
(-134.4,	-205.1,	0.0,	1.2);	(-127.3,	-212.1,	0.0,	1.2);
(-120.2,	-219.2,	0.0,	1.2);	(-113.1,	-226.3,	0.0,	1.2);
(-106.1,	-233.4,	0.0,	1.2);	(-99.0,	-240.4,	0.0,	1.2);
(-233.4,	-91.9,	0.0,	1.2);	(-226.3,	-99.0,	0.0,	1.2);
(-219.2,	-106.1,	0.0,	1.2);	(-212.1,	-113.1,	0.0,	1.2);
(-205.1,	-120.2,	0.0,	1.2);	(-198.0,	-127.3,	0.0,	1.2);
(-190.9,	-134.4,	0.0,	1.2);	(-183.9,	-141.4,	0.0,	1.2);
(-180.3,	-145.0,	0.0,	1.2);	(-176.8,	-148.5,	0.0,	1.2);
(-174.7,	-150.6,	0.0,	1.2);	(-173.2,	-152.0,	0.0,	1.2);
(-171.8,	-153.4,	0.0,	1.2);	(-170.4,	-154.9,	0.0,	1.2);
(-169.0,	-156.3,	0.0,	1.2);	(-156.3,	-169.0,	0.0,	1.2);
(-154.9,	-170.4,	0.0,	1.2);	(-153.4,	-171.8,	0.0,	1.2);
(-152.0,	-173.2,	0.0,	1.2);	(-150.6,	-174.7,	0.0,	1.2);
(-148.5,	-176.8,	0.0,	1.2);	(-145.0,	-180.3,	0.0,	1.2);
(-141.4,	-183.9,	0.0,	1.2);	(-134.4,	-190.9,	0.0,	1.2);
(-127.3,	-198.0,	0.0,	1.2);	(-120.2,	-205.1,	0.0,	1.2);
(-113.1,	-212.1,	0.0,	1.2);	(-106.1,	-219.2,	0.0,	1.2);
(-99.0,	-226.3,	0.0,	1.2);	(-91.9,	-233.4,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-226.3, -84.8, 0.0, 1.2);	(-219.2, -91.9, 0.0, 1.2);
(-212.1, -99.0, 0.0, 1.2);	(-205.1, -106.1, 0.0, 1.2);
(-198.0, -113.1, 0.0, 1.2);	(-190.9, -120.2, 0.0, 1.2);
(-183.9, -127.3, 0.0, 1.2);	(-176.8, -134.4, 0.0, 1.2);
(-173.2, -137.9, 0.0, 1.2);	(-169.7, -141.4, 0.0, 1.2);
(-167.6, -143.5, 0.0, 1.2);	(-166.2, -145.0, 0.0, 1.2);
(-164.8, -146.4, 0.0, 1.2);	(-163.3, -147.8, 0.0, 1.2);
(-161.9, -149.2, 0.0, 1.2);	(-149.2, -161.9, 0.0, 1.2);
(-147.8, -163.3, 0.0, 1.2);	(-146.4, -164.8, 0.0, 1.2);
(-145.0, -166.2, 0.0, 1.2);	(-143.5, -167.6, 0.0, 1.2);
(-141.4, -169.7, 0.0, 1.2);	(-137.9, -173.2, 0.0, 1.2);
(-134.4, -176.8, 0.0, 1.2);	(-127.3, -183.9, 0.0, 1.2);
(-120.2, -190.9, 0.0, 1.2);	(-113.1, -198.0, 0.0, 1.2);
(-106.1, -205.1, 0.0, 1.2);	(-99.0, -212.1, 0.0, 1.2);
(-91.9, -219.2, 0.0, 1.2);	(-84.8, -226.3, 0.0, 1.2);
(-219.2, -77.8, 0.0, 1.2);	(-212.1, -84.8, 0.0, 1.2);
(-205.1, -91.9, 0.0, 1.2);	(-198.0, -99.0, 0.0, 1.2);
(-190.9, -106.1, 0.0, 1.2);	(-183.9, -113.1, 0.0, 1.2);
(-176.8, -120.2, 0.0, 1.2);	(-169.7, -127.3, 0.0, 1.2);
(-166.2, -130.8, 0.0, 1.2);	(-162.6, -134.4, 0.0, 1.2);
(-160.5, -136.5, 0.0, 1.2);	(-159.1, -137.9, 0.0, 1.2);
(-157.7, -139.3, 0.0, 1.2);	(-156.3, -140.7, 0.0, 1.2);
(-154.9, -142.1, 0.0, 1.2);	(-142.1, -154.9, 0.0, 1.2);
(-140.7, -156.3, 0.0, 1.2);	(-139.3, -157.7, 0.0, 1.2);
(-137.9, -159.1, 0.0, 1.2);	(-136.5, -160.5, 0.0, 1.2);
(-134.4, -162.6, 0.0, 1.2);	(-130.8, -166.2, 0.0, 1.2);
(-127.3, -169.7, 0.0, 1.2);	(-120.2, -176.8, 0.0, 1.2);
(-113.1, -183.9, 0.0, 1.2);	(-106.1, -190.9, 0.0, 1.2);
(-99.0, -198.0, 0.0, 1.2);	(-91.9, -205.1, 0.0, 1.2);
(-84.8, -212.1, 0.0, 1.2);	(-77.8, -219.2, 0.0, 1.2);
(-212.1, -70.7, 0.0, 1.2);	(-205.1, -77.8, 0.0, 1.2);
(-198.0, -84.8, 0.0, 1.2);	(-190.9, -91.9, 0.0, 1.2);
(-183.9, -99.0, 0.0, 1.2);	(-176.8, -106.1, 0.0, 1.2);
(-169.7, -113.1, 0.0, 1.2);	(-162.6, -120.2, 0.0, 1.2);
(-159.1, -123.7, 0.0, 1.2);	(-155.6, -127.3, 0.0, 1.2);
(-153.4, -129.4, 0.0, 1.2);	(-152.0, -130.8, 0.0, 1.2);
(-150.6, -132.2, 0.0, 1.2);	(-149.2, -133.6, 0.0, 1.2);
(-147.8, -135.1, 0.0, 1.2);	(-135.1, -147.8, 0.0, 1.2);
(-133.6, -149.2, 0.0, 1.2);	(-132.2, -150.6, 0.0, 1.2);

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

(-130.8, -152.0, 0.0, 1.2); (-129.4, -153.4, 0.0, 1.2);
(-127.3, -155.6, 0.0, 1.2); (-123.7, -159.1, 0.0, 1.2);
(-120.2, -162.6, 0.0, 1.2); (-113.1, -169.7, 0.0, 1.2);
(-106.1, -176.8, 0.0, 1.2); (-99.0, -183.9, 0.0, 1.2);
(-91.9, -190.9, 0.0, 1.2); (-84.8, -198.0, 0.0, 1.2);
(-77.8, -205.1, 0.0, 1.2); (-70.7, -212.1, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-205.1, -63.6, 0.0, 1.2); (-198.0, -70.7, 0.0, 1.2);
(-190.9, -77.8, 0.0, 1.2); (-183.9, -84.8, 0.0, 1.2);
(-176.8, -91.9, 0.0, 1.2); (-169.7, -99.0, 0.0, 1.2);
(-162.6, -106.1, 0.0, 1.2); (-155.6, -113.1, 0.0, 1.2);
(-152.0, -116.7, 0.0, 1.2); (-148.5, -120.2, 0.0, 1.2);
(-146.4, -122.3, 0.0, 1.2); (-145.0, -123.7, 0.0, 1.2);
(-143.5, -125.2, 0.0, 1.2); (-142.1, -126.6, 0.0, 1.2);
(-140.7, -128.0, 0.0, 1.2); (-128.0, -140.7, 0.0, 1.2);
(-126.6, -142.1, 0.0, 1.2); (-125.2, -143.5, 0.0, 1.2);
(-123.7, -145.0, 0.0, 1.2); (-122.3, -146.4, 0.0, 1.2);
(-120.2, -148.5, 0.0, 1.2); (-116.7, -152.0, 0.0, 1.2);
(-113.1, -155.6, 0.0, 1.2); (-106.1, -162.6, 0.0, 1.2);
(-99.0, -169.7, 0.0, 1.2); (-91.9, -176.8, 0.0, 1.2);
(-84.8, -183.9, 0.0, 1.2); (-77.8, -190.9, 0.0, 1.2);
(-70.7, -198.0, 0.0, 1.2); (-63.6, -205.1, 0.0, 1.2);
(-198.0, -56.6, 0.0, 1.2); (-190.9, -63.6, 0.0, 1.2);
(-183.9, -70.7, 0.0, 1.2); (-176.8, -77.8, 0.0, 1.2);
(-169.7, -84.8, 0.0, 1.2); (-162.6, -91.9, 0.0, 1.2);
(-155.6, -99.0, 0.0, 1.2); (-148.5, -106.1, 0.0, 1.2);
(-145.0, -109.6, 0.0, 1.2); (-141.4, -113.1, 0.0, 1.2);
(-139.3, -115.3, 0.0, 1.2); (-137.9, -116.7, 0.0, 1.2);
(-136.5, -118.1, 0.0, 1.2); (-135.1, -119.5, 0.0, 1.2);
(-133.6, -120.9, 0.0, 1.2); (-120.9, -133.6, 0.0, 1.2);
(-119.5, -135.1, 0.0, 1.2); (-118.1, -136.5, 0.0, 1.2);
(-116.7, -137.9, 0.0, 1.2); (-115.3, -139.3, 0.0, 1.2);
(-113.1, -141.4, 0.0, 1.2); (-109.6, -145.0, 0.0, 1.2);
(-106.1, -148.5, 0.0, 1.2); (-99.0, -155.6, 0.0, 1.2);
(-91.9, -162.6, 0.0, 1.2); (-84.8, -169.7, 0.0, 1.2);
(-77.8, -176.8, 0.0, 1.2); (-70.7, -183.9, 0.0, 1.2);
(-63.6, -190.9, 0.0, 1.2); (-56.6, -198.0, 0.0, 1.2);
(-190.9, -49.5, 0.0, 1.2); (-183.9, -56.6, 0.0, 1.2);

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

(-176.8, -63.6, 0.0, 1.2); (-169.7, -70.7, 0.0, 1.2);
(-162.6, -77.8, 0.0, 1.2); (-155.6, -84.8, 0.0, 1.2);
(-148.5, -91.9, 0.0, 1.2); (-141.4, -99.0, 0.0, 1.2);
(-137.9, -102.5, 0.0, 1.2); (-134.4, -106.1, 0.0, 1.2);
(-132.2, -108.2, 0.0, 1.2); (-130.8, -109.6, 0.0, 1.2);
(-129.4, -111.0, 0.0, 1.2); (-128.0, -112.4, 0.0, 1.2);
(-126.6, -113.8, 0.0, 1.2); (-113.8, -126.6, 0.0, 1.2);
(-112.4, -128.0, 0.0, 1.2); (-111.0, -129.4, 0.0, 1.2);
(-109.6, -130.8, 0.0, 1.2); (-108.2, -132.2, 0.0, 1.2);
(-106.1, -134.4, 0.0, 1.2); (-102.5, -137.9, 0.0, 1.2);
(-99.0, -141.4, 0.0, 1.2); (-91.9, -148.5, 0.0, 1.2);
(-84.8, -155.6, 0.0, 1.2); (-77.8, -162.6, 0.0, 1.2);
(-70.7, -169.7, 0.0, 1.2); (-63.6, -176.8, 0.0, 1.2);
(-56.6, -183.9, 0.0, 1.2); (-49.5, -190.9, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-183.9, -42.4, 0.0, 1.2); (-176.8, -49.5, 0.0, 1.2);
(-169.7, -56.6, 0.0, 1.2); (-162.6, -63.6, 0.0, 1.2);
(-155.6, -70.7, 0.0, 1.2); (-148.5, -77.8, 0.0, 1.2);
(-141.4, -84.8, 0.0, 1.2); (-134.4, -91.9, 0.0, 1.2);
(-130.8, -95.5, 0.0, 1.2); (-127.3, -99.0, 0.0, 1.2);
(-125.2, -101.1, 0.0, 1.2); (-123.7, -102.5, 0.0, 1.2);
(-122.3, -103.9, 0.0, 1.2); (-120.9, -105.4, 0.0, 1.2);
(-119.5, -106.8, 0.0, 1.2); (-106.8, -119.5, 0.0, 1.2);
(-105.4, -120.9, 0.0, 1.2); (-103.9, -122.3, 0.0, 1.2);
(-102.5, -123.7, 0.0, 1.2); (-101.1, -125.2, 0.0, 1.2);
(-99.0, -127.3, 0.0, 1.2); (-95.5, -130.8, 0.0, 1.2);
(-91.9, -134.4, 0.0, 1.2); (-84.8, -141.4, 0.0, 1.2);
(-77.8, -148.5, 0.0, 1.2); (-70.7, -155.6, 0.0, 1.2);
(-63.6, -162.6, 0.0, 1.2); (-56.6, -169.7, 0.0, 1.2);
(-49.5, -176.8, 0.0, 1.2); (-42.4, -183.9, 0.0, 1.2);
(-176.8, -35.4, 0.0, 1.2); (-169.7, -42.4, 0.0, 1.2);
(-162.6, -49.5, 0.0, 1.2); (-155.6, -56.6, 0.0, 1.2);
(-148.5, -63.6, 0.0, 1.2); (-141.4, -70.7, 0.0, 1.2);
(-134.4, -77.8, 0.0, 1.2); (-127.3, -84.8, 0.0, 1.2);
(-123.7, -88.4, 0.0, 1.2); (-120.2, -91.9, 0.0, 1.2);
(-118.1, -94.1, 0.0, 1.2); (-116.7, -95.5, 0.0, 1.2);
(-115.3, -96.9, 0.0, 1.2); (-113.8, -98.3, 0.0, 1.2);
(-112.4, -99.7, 0.0, 1.2); (-99.7, -112.4, 0.0, 1.2);

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

(-98.3,	-113.8,	0.0,	1.2);	(-96.9,	-115.3,	0.0,	1.2);
(-95.5,	-116.7,	0.0,	1.2);	(-94.1,	-118.1,	0.0,	1.2);
(-91.9,	-120.2,	0.0,	1.2);	(-88.4,	-123.7,	0.0,	1.2);
(-84.8,	-127.3,	0.0,	1.2);	(-77.8,	-134.4,	0.0,	1.2);
(-70.7,	-141.4,	0.0,	1.2);	(-63.6,	-148.5,	0.0,	1.2);
(-56.6,	-155.6,	0.0,	1.2);	(-49.5,	-162.6,	0.0,	1.2);
(-42.4,	-169.7,	0.0,	1.2);	(-35.4,	-176.8,	0.0,	1.2);
(-169.7,	-28.3,	0.0,	1.2);	(-162.6,	-35.4,	0.0,	1.2);
(-155.6,	-42.4,	0.0,	1.2);	(-148.5,	-49.5,	0.0,	1.2);
(-141.4,	-56.6,	0.0,	1.2);	(-134.4,	-63.6,	0.0,	1.2);
(-127.3,	-70.7,	0.0,	1.2);	(-120.2,	-77.8,	0.0,	1.2);
(-116.7,	-81.3,	0.0,	1.2);	(-113.1,	-84.8,	0.0,	1.2);
(-111.0,	-87.0,	0.0,	1.2);	(-109.6,	-88.4,	0.0,	1.2);
(-108.2,	-89.8,	0.0,	1.2);	(-106.8,	-91.2,	0.0,	1.2);
(-105.4,	-92.6,	0.0,	1.2);	(-92.6,	-105.4,	0.0,	1.2);
(-91.2,	-106.8,	0.0,	1.2);	(-89.8,	-108.2,	0.0,	1.2);
(-88.4,	-109.6,	0.0,	1.2);	(-87.0,	-111.0,	0.0,	1.2);
(-84.8,	-113.1,	0.0,	1.2);	(-81.3,	-116.7,	0.0,	1.2);
(-77.8,	-120.2,	0.0,	1.2);	(-70.7,	-127.3,	0.0,	1.2);
(-63.6,	-134.4,	0.0,	1.2);	(-56.6,	-141.4,	0.0,	1.2);
(-49.5,	-148.5,	0.0,	1.2);	(-42.4,	-155.6,	0.0,	1.2);
(-35.4,	-162.6,	0.0,	1.2);	(-28.3,	-169.7,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-162.6,	-21.2,	0.0,	1.2);	(-155.6,	-28.3,	0.0,	1.2);
(-148.5,	-35.4,	0.0,	1.2);	(-141.4,	-42.4,	0.0,	1.2);
(-134.4,	-49.5,	0.0,	1.2);	(-127.3,	-56.6,	0.0,	1.2);
(-120.2,	-63.6,	0.0,	1.2);	(-113.1,	-70.7,	0.0,	1.2);
(-109.6,	-74.2,	0.0,	1.2);	(-106.1,	-77.8,	0.0,	1.2);
(-103.9,	-79.9,	0.0,	1.2);	(-102.5,	-81.3,	0.0,	1.2);
(-101.1,	-82.7,	0.0,	1.2);	(-99.7,	-84.2,	0.0,	1.2);
(-98.3,	-85.6,	0.0,	1.2);	(-85.6,	-98.3,	0.0,	1.2);
(-84.2,	-99.7,	0.0,	1.2);	(-82.7,	-101.1,	0.0,	1.2);
(-81.3,	-102.5,	0.0,	1.2);	(-79.9,	-103.9,	0.0,	1.2);
(-77.8,	-106.1,	0.0,	1.2);	(-74.2,	-109.6,	0.0,	1.2);
(-70.7,	-113.1,	0.0,	1.2);	(-63.6,	-120.2,	0.0,	1.2);
(-56.6,	-127.3,	0.0,	1.2);	(-49.5,	-134.4,	0.0,	1.2);
(-42.4,	-141.4,	0.0,	1.2);	(-35.4,	-148.5,	0.0,	1.2);
(-28.3,	-155.6,	0.0,	1.2);	(-21.2,	-162.6,	0.0,	1.2);

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

(-155.6,	-14.1,	0.0,	1.2);	(-148.5,	-21.2,	0.0,	1.2);
(-141.4,	-28.3,	0.0,	1.2);	(-134.4,	-35.4,	0.0,	1.2);
(-127.3,	-42.4,	0.0,	1.2);	(-120.2,	-49.5,	0.0,	1.2);
(-113.1,	-56.6,	0.0,	1.2);	(-106.1,	-63.6,	0.0,	1.2);
(-102.5,	-67.2,	0.0,	1.2);	(-99.0,	-70.7,	0.0,	1.2);
(-96.9,	-72.8,	0.0,	1.2);	(-95.5,	-74.2,	0.0,	1.2);
(-94.1,	-75.7,	0.0,	1.2);	(-92.6,	-77.1,	0.0,	1.2);
(-91.2,	-78.5,	0.0,	1.2);	(-78.5,	-91.2,	0.0,	1.2);
(-77.1,	-92.6,	0.0,	1.2);	(-75.7,	-94.1,	0.0,	1.2);
(-74.2,	-95.5,	0.0,	1.2);	(-72.8,	-96.9,	0.0,	1.2);
(-70.7,	-99.0,	0.0,	1.2);	(-67.2,	-102.5,	0.0,	1.2);
(-63.6,	-106.1,	0.0,	1.2);	(-56.6,	-113.1,	0.0,	1.2);
(-49.5,	-120.2,	0.0,	1.2);	(-42.4,	-127.3,	0.0,	1.2);
(-35.4,	-134.4,	0.0,	1.2);	(-28.3,	-141.4,	0.0,	1.2);
(-21.2,	-148.5,	0.0,	1.2);	(-14.1,	-155.6,	0.0,	1.2);
(-148.5,	-7.1,	0.0,	1.2);	(-141.4,	-14.1,	0.0,	1.2);
(-134.4,	-21.2,	0.0,	1.2);	(-127.3,	-28.3,	0.0,	1.2);
(-120.2,	-35.4,	0.0,	1.2);	(-113.1,	-42.4,	0.0,	1.2);
(-106.1,	-49.5,	0.0,	1.2);	(-99.0,	-56.6,	0.0,	1.2);
(-95.5,	-60.1,	0.0,	1.2);	(-91.9,	-63.6,	0.0,	1.2);
(-89.8,	-65.8,	0.0,	1.2);	(-88.4,	-67.2,	0.0,	1.2);
(-87.0,	-68.6,	0.0,	1.2);	(-85.6,	-70.0,	0.0,	1.2);
(-84.2,	-71.4,	0.0,	1.2);	(-71.4,	-84.2,	0.0,	1.2);
(-70.0,	-85.6,	0.0,	1.2);	(-68.6,	-87.0,	0.0,	1.2);
(-67.2,	-88.4,	0.0,	1.2);	(-65.8,	-89.8,	0.0,	1.2);
(-63.6,	-91.9,	0.0,	1.2);	(-60.1,	-95.5,	0.0,	1.2);
(-56.6,	-99.0,	0.0,	1.2);	(-49.5,	-106.1,	0.0,	1.2);
(-42.4,	-113.1,	0.0,	1.2);	(-35.4,	-120.2,	0.0,	1.2);
(-28.3,	-127.3,	0.0,	1.2);	(-21.2,	-134.4,	0.0,	1.2);
(-14.1,	-141.4,	0.0,	1.2);	(-7.1,	-148.5,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-141.4,	0.0,	0.0,	1.2);	(-134.4,	-7.1,	0.0,	1.2);
(-127.3,	-14.1,	0.0,	1.2);	(-120.2,	-21.2,	0.0,	1.2);
(-113.1,	-28.3,	0.0,	1.2);	(-106.1,	-35.4,	0.0,	1.2);
(-99.0,	-42.4,	0.0,	1.2);	(-91.9,	-49.5,	0.0,	1.2);
(-88.4,	-53.0,	0.0,	1.2);	(-84.8,	-56.6,	0.0,	1.2);
(-82.7,	-58.7,	0.0,	1.2);	(-81.3,	-60.1,	0.0,	1.2);
(-79.9,	-61.5,	0.0,	1.2);	(-78.5,	-62.9,	0.0,	1.2);

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

(-77.1, -64.3, 0.0, 1.2);	(-64.3, -77.1, 0.0, 1.2);
(-62.9, -78.5, 0.0, 1.2);	(-61.5, -79.9, 0.0, 1.2);
(-60.1, -81.3, 0.0, 1.2);	(-58.7, -82.7, 0.0, 1.2);
(-56.6, -84.8, 0.0, 1.2);	(-53.0, -88.4, 0.0, 1.2);
(-49.5, -91.9, 0.0, 1.2);	(-42.4, -99.0, 0.0, 1.2);
(-35.4, -106.1, 0.0, 1.2);	(-28.3, -113.1, 0.0, 1.2);
(-21.2, -120.2, 0.0, 1.2);	(-14.1, -127.3, 0.0, 1.2);
(-7.1, -134.4, 0.0, 1.2);	(0.0, -141.4, 0.0, 1.2);
(-134.4, 7.1, 0.0, 1.2);	(-127.3, 0.0, 0.0, 1.2);
(-120.2, -7.1, 0.0, 1.2);	(-113.1, -14.1, 0.0, 1.2);
(-106.1, -21.2, 0.0, 1.2);	(-99.0, -28.3, 0.0, 1.2);
(-91.9, -35.4, 0.0, 1.2);	(-84.8, -42.4, 0.0, 1.2);
(-81.3, -46.0, 0.0, 1.2);	(-77.8, -49.5, 0.0, 1.2);
(-75.7, -51.6, 0.0, 1.2);	(-74.2, -53.0, 0.0, 1.2);
(-72.8, -54.5, 0.0, 1.2);	(-71.4, -55.9, 0.0, 1.2);
(-70.0, -57.3, 0.0, 1.2);	(-57.3, -70.0, 0.0, 1.2);
(-55.9, -71.4, 0.0, 1.2);	(-54.5, -72.8, 0.0, 1.2);
(-53.0, -74.2, 0.0, 1.2);	(-51.6, -75.7, 0.0, 1.2);
(-49.5, -77.8, 0.0, 1.2);	(-46.0, -81.3, 0.0, 1.2);
(-42.4, -84.8, 0.0, 1.2);	(-35.4, -91.9, 0.0, 1.2);
(-28.3, -99.0, 0.0, 1.2);	(-21.2, -106.1, 0.0, 1.2);
(-14.1, -113.1, 0.0, 1.2);	(-7.1, -120.2, 0.0, 1.2);
(0.0, -127.3, 0.0, 1.2);	(7.1, -134.4, 0.0, 1.2);
(-127.3, 14.1, 0.0, 1.2);	(-120.2, 7.1, 0.0, 1.2);
(-113.1, 0.0, 0.0, 1.2);	(-106.1, -7.1, 0.0, 1.2);
(-99.0, -14.1, 0.0, 1.2);	(-91.9, -21.2, 0.0, 1.2);
(-84.8, -28.3, 0.0, 1.2);	(-77.8, -35.4, 0.0, 1.2);
(-74.2, -38.9, 0.0, 1.2);	(-70.7, -42.4, 0.0, 1.2);
(-68.6, -44.5, 0.0, 1.2);	(-67.2, -46.0, 0.0, 1.2);
(-65.8, -47.4, 0.0, 1.2);	(-64.3, -48.8, 0.0, 1.2);
(-62.9, -50.2, 0.0, 1.2);	(-50.2, -62.9, 0.0, 1.2);
(-48.8, -64.3, 0.0, 1.2);	(-47.4, -65.8, 0.0, 1.2);
(-46.0, -67.2, 0.0, 1.2);	(-44.5, -68.6, 0.0, 1.2);
(-42.4, -70.7, 0.0, 1.2);	(-38.9, -74.2, 0.0, 1.2);
(-35.4, -77.8, 0.0, 1.2);	(-28.3, -84.8, 0.0, 1.2);
(-21.2, -91.9, 0.0, 1.2);	(-14.1, -99.0, 0.0, 1.2);
(-7.1, -106.1, 0.0, 1.2);	(0.0, -113.1, 0.0, 1.2);
(7.1, -120.2, 0.0, 1.2);	(14.1, -127.3, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound
(METERS)

(-120.2, 21.2, 0.0, 1.2); (-113.1, 14.1, 0.0, 1.2);
(-106.1, 7.1, 0.0, 1.2); (-99.0, 0.0, 0.0, 1.2);
(-91.9, -7.1, 0.0, 1.2); (-84.8, -14.1, 0.0, 1.2);
(-77.8, -21.2, 0.0, 1.2); (-70.7, -28.3, 0.0, 1.2);
(-67.2, -31.8, 0.0, 1.2); (-63.6, -35.4, 0.0, 1.2);
(-61.5, -37.5, 0.0, 1.2); (-60.1, -38.9, 0.0, 1.2);
(-58.7, -40.3, 0.0, 1.2); (-57.3, -41.7, 0.0, 1.2);
(-55.9, -43.1, 0.0, 1.2); (-43.1, -55.9, 0.0, 1.2);
(-41.7, -57.3, 0.0, 1.2); (-40.3, -58.7, 0.0, 1.2);
(-38.9, -60.1, 0.0, 1.2); (-37.5, -61.5, 0.0, 1.2);
(-35.4, -63.6, 0.0, 1.2); (-31.8, -67.2, 0.0, 1.2);
(-28.3, -70.7, 0.0, 1.2); (-21.2, -77.8, 0.0, 1.2);
(-14.1, -84.8, 0.0, 1.2); (-7.1, -91.9, 0.0, 1.2);
(0.0, -99.0, 0.0, 1.2); (7.1, -106.1, 0.0, 1.2);
(14.1, -113.1, 0.0, 1.2); (21.2, -120.2, 0.0, 1.2);
(-113.1, 28.3, 0.0, 1.2); (-106.1, 21.2, 0.0, 1.2);
(-99.0, 14.1, 0.0, 1.2); (-91.9, 7.1, 0.0, 1.2);
(-84.8, 0.0, 0.0, 1.2); (-77.8, -7.1, 0.0, 1.2);
(-70.7, -14.1, 0.0, 1.2); (-63.6, -21.2, 0.0, 1.2);
(-60.1, -24.8, 0.0, 1.2); (-56.6, -28.3, 0.0, 1.2);
(-54.5, -30.4, 0.0, 1.2); (-53.0, -31.8, 0.0, 1.2);
(-51.6, -33.2, 0.0, 1.2); (-50.2, -34.7, 0.0, 1.2);
(-48.8, -36.1, 0.0, 1.2); (-36.1, -48.8, 0.0, 1.2);
(-34.7, -50.2, 0.0, 1.2); (-33.2, -51.6, 0.0, 1.2);
(-31.8, -53.0, 0.0, 1.2); (-30.4, -54.5, 0.0, 1.2);
(-28.3, -56.6, 0.0, 1.2); (-24.8, -60.1, 0.0, 1.2);
(-21.2, -63.6, 0.0, 1.2); (-14.1, -70.7, 0.0, 1.2);
(-7.1, -77.8, 0.0, 1.2); (0.0, -84.8, 0.0, 1.2);
(7.1, -91.9, 0.0, 1.2); (14.1, -99.0, 0.0, 1.2);
(21.2, -106.1, 0.0, 1.2); (28.3, -113.1, 0.0, 1.2);
(-106.1, 35.4, 0.0, 1.2); (-99.0, 28.3, 0.0, 1.2);
(-91.9, 21.2, 0.0, 1.2); (-84.8, 14.1, 0.0, 1.2);
(-77.8, 7.1, 0.0, 1.2); (-70.7, 0.0, 0.0, 1.2);
(-63.6, -7.1, 0.0, 1.2); (-56.6, -14.1, 0.0, 1.2);
(-53.0, -17.7, 0.0, 1.2); (-49.5, -21.2, 0.0, 1.2);
(-47.4, -23.3, 0.0, 1.2); (-46.0, -24.8, 0.0, 1.2);
(-44.5, -26.2, 0.0, 1.2); (-43.1, -27.6, 0.0, 1.2);
(-41.7, -29.0, 0.0, 1.2); (-29.0, -41.7, 0.0, 1.2);
(-27.6, -43.1, 0.0, 1.2); (-26.2, -44.5, 0.0, 1.2);
(-24.8, -46.0, 0.0, 1.2); (-23.3, -47.4, 0.0, 1.2);
(-21.2, -49.5, 0.0, 1.2); (-17.7, -53.0, 0.0, 1.2);
(-14.1, -56.6, 0.0, 1.2); (-7.1, -63.6, 0.0, 1.2);
(0.0, -70.7, 0.0, 1.2); (7.1, -77.8, 0.0, 1.2);

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

(14.1, -84.8, 0.0, 1.2); (21.2, -91.9, 0.0, 1.2);
(28.3, -99.0, 0.0, 1.2); (35.4, -106.1, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-99.0, 42.4, 0.0, 1.2); (-91.9, 35.4, 0.0, 1.2);
(-84.8, 28.3, 0.0, 1.2); (-77.8, 21.2, 0.0, 1.2);
(-70.7, 14.1, 0.0, 1.2); (-63.6, 7.1, 0.0, 1.2);
(-56.6, 0.0, 0.0, 1.2); (-49.5, -7.1, 0.0, 1.2);
(-46.0, -10.6, 0.0, 1.2); (-42.4, -14.1, 0.0, 1.2);
(-40.3, -16.3, 0.0, 1.2); (-38.9, -17.7, 0.0, 1.2);
(-37.5, -19.1, 0.0, 1.2); (-36.1, -20.5, 0.0, 1.2);
(-34.7, -21.9, 0.0, 1.2); (-21.9, -34.7, 0.0, 1.2);
(-20.5, -36.1, 0.0, 1.2); (-19.1, -37.5, 0.0, 1.2);
(-17.7, -38.9, 0.0, 1.2); (-16.3, -40.3, 0.0, 1.2);
(-14.1, -42.4, 0.0, 1.2); (-10.6, -46.0, 0.0, 1.2);
(-7.1, -49.5, 0.0, 1.2); (0.0, -56.6, 0.0, 1.2);
(7.1, -63.6, 0.0, 1.2); (14.1, -70.7, 0.0, 1.2);
(21.2, -77.8, 0.0, 1.2); (28.3, -84.8, 0.0, 1.2);
(35.4, -91.9, 0.0, 1.2); (42.4, -99.0, 0.0, 1.2);
(-91.9, 49.5, 0.0, 1.2); (-84.8, 42.4, 0.0, 1.2);
(-77.8, 35.4, 0.0, 1.2); (-70.7, 28.3, 0.0, 1.2);
(-63.6, 21.2, 0.0, 1.2); (-56.6, 14.1, 0.0, 1.2);
(-49.5, 7.1, 0.0, 1.2); (-42.4, 0.0, 0.0, 1.2);
(-38.9, -3.5, 0.0, 1.2); (-35.4, -7.1, 0.0, 1.2);
(-33.2, -9.2, 0.0, 1.2); (-31.8, -10.6, 0.0, 1.2);
(-30.4, -12.0, 0.0, 1.2); (-29.0, -13.4, 0.0, 1.2);
(-27.6, -14.9, 0.0, 1.2); (-14.9, -27.6, 0.0, 1.2);
(-13.4, -29.0, 0.0, 1.2); (-12.0, -30.4, 0.0, 1.2);
(-10.6, -31.8, 0.0, 1.2); (-9.2, -33.2, 0.0, 1.2);
(-7.1, -35.4, 0.0, 1.2); (-3.5, -38.9, 0.0, 1.2);
(0.0, -42.4, 0.0, 1.2); (7.1, -49.5, 0.0, 1.2);
(14.1, -56.6, 0.0, 1.2); (21.2, -63.6, 0.0, 1.2);
(28.3, -70.7, 0.0, 1.2); (35.4, -77.8, 0.0, 1.2);
(42.4, -84.8, 0.0, 1.2); (49.5, -91.9, 0.0, 1.2);
(-84.8, 56.6, 0.0, 1.2); (-77.8, 49.5, 0.0, 1.2);
(-70.7, 42.4, 0.0, 1.2); (-63.6, 35.4, 0.0, 1.2);
(-56.6, 28.3, 0.0, 1.2); (-49.5, 21.2, 0.0, 1.2);
(-42.4, 14.1, 0.0, 1.2); (-35.4, 7.1, 0.0, 1.2);
(-31.8, 3.5, 0.0, 1.2); (-28.3, 0.0, 0.0, 1.2);

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

(	-26.2,	-2.1,	0.0,	1.2);	(	-24.8,	-3.5,	0.0,	1.2);
(	-23.3,	-4.9,	0.0,	1.2);	(	-21.9,	-6.4,	0.0,	1.2);
(	-20.5,	-7.8,	0.0,	1.2);	(	-7.8,	-20.5,	0.0,	1.2);
(	-6.4,	-21.9,	0.0,	1.2);	(	-4.9,	-23.3,	0.0,	1.2);
(	-3.5,	-24.8,	0.0,	1.2);	(	-2.1,	-26.2,	0.0,	1.2);
(	0.0,	-28.3,	0.0,	1.2);	(	3.5,	-31.8,	0.0,	1.2);
(	7.1,	-35.4,	0.0,	1.2);	(	14.1,	-42.4,	0.0,	1.2);
(	21.2,	-49.5,	0.0,	1.2);	(	28.3,	-56.6,	0.0,	1.2);
(	35.4,	-63.6,	0.0,	1.2);	(	42.4,	-70.7,	0.0,	1.2);
(	49.5,	-77.8,	0.0,	1.2);	(	56.6,	-84.8,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(	-77.8,	63.6,	0.0,	1.2);	(	-70.7,	56.6,	0.0,	1.2);
(	-63.6,	49.5,	0.0,	1.2);	(	-56.6,	42.4,	0.0,	1.2);
(	-49.5,	35.4,	0.0,	1.2);	(	-42.4,	28.3,	0.0,	1.2);
(	-35.4,	21.2,	0.0,	1.2);	(	-28.3,	14.1,	0.0,	1.2);
(	-24.8,	10.6,	0.0,	1.2);	(	-21.2,	7.1,	0.0,	1.2);
(	-19.1,	4.9,	0.0,	1.2);	(	-17.7,	3.5,	0.0,	1.2);
(	-16.3,	2.1,	0.0,	1.2);	(	-14.9,	0.7,	0.0,	1.2);
(	-13.4,	-0.7,	0.0,	1.2);	(	-0.7,	-13.4,	0.0,	1.2);
(	0.7,	-14.9,	0.0,	1.2);	(	2.1,	-16.3,	0.0,	1.2);
(	3.5,	-17.7,	0.0,	1.2);	(	4.9,	-19.1,	0.0,	1.2);
(	7.1,	-21.2,	0.0,	1.2);	(	10.6,	-24.8,	0.0,	1.2);
(	14.1,	-28.3,	0.0,	1.2);	(	21.2,	-35.4,	0.0,	1.2);
(	28.3,	-42.4,	0.0,	1.2);	(	35.4,	-49.5,	0.0,	1.2);
(	42.4,	-56.6,	0.0,	1.2);	(	49.5,	-63.6,	0.0,	1.2);
(	56.6,	-70.7,	0.0,	1.2);	(	63.6,	-77.8,	0.0,	1.2);
(	-70.7,	70.7,	0.0,	1.2);	(	-63.6,	63.6,	0.0,	1.2);
(	-56.6,	56.6,	0.0,	1.2);	(	-49.5,	49.5,	0.0,	1.2);
(	-42.4,	42.4,	0.0,	1.2);	(	-35.4,	35.4,	0.0,	1.2);
(	-28.3,	28.3,	0.0,	1.2);	(	-21.2,	21.2,	0.0,	1.2);
(	-17.7,	17.7,	0.0,	1.2);	(	-14.1,	14.1,	0.0,	1.2);
(	-12.0,	12.0,	0.0,	1.2);	(	-10.6,	10.6,	0.0,	1.2);
(	-9.2,	9.2,	0.0,	1.2);	(	-7.8,	7.8,	0.0,	1.2);
(	-6.4,	6.4,	0.0,	1.2);	(	6.4,	-6.4,	0.0,	1.2);
(	7.8,	-7.8,	0.0,	1.2);	(	9.2,	-9.2,	0.0,	1.2);
(	10.6,	-10.6,	0.0,	1.2);	(	12.0,	-12.0,	0.0,	1.2);
(	14.1,	-14.1,	0.0,	1.2);	(	17.7,	-17.7,	0.0,	1.2);
(	21.2,	-21.2,	0.0,	1.2);	(	28.3,	-28.3,	0.0,	1.2);

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

(35.4, -35.4, 0.0, 1.2);	(-42.4, -42.4, 0.0, 1.2);
(49.5, -49.5, 0.0, 1.2);	(56.6, -56.6, 0.0, 1.2);
(63.6, -63.6, 0.0, 1.2);	(70.7, -70.7, 0.0, 1.2);
(-63.6, 77.8, 0.0, 1.2);	(-56.6, 70.7, 0.0, 1.2);
(-49.5, 63.6, 0.0, 1.2);	(-42.4, 56.6, 0.0, 1.2);
(-35.4, 49.5, 0.0, 1.2);	(-28.3, 42.4, 0.0, 1.2);
(-21.2, 35.4, 0.0, 1.2);	(-14.1, 28.3, 0.0, 1.2);
(-10.6, 24.8, 0.0, 1.2);	(-7.1, 21.2, 0.0, 1.2);
(-4.9, 19.1, 0.0, 1.2);	(-3.5, 17.7, 0.0, 1.2);
(-2.1, 16.3, 0.0, 1.2);	(-0.7, 14.9, 0.0, 1.2);
(0.7, 13.4, 0.0, 1.2);	(13.4, 0.7, 0.0, 1.2);
(14.9, -0.7, 0.0, 1.2);	(16.3, -2.1, 0.0, 1.2);
(17.7, -3.5, 0.0, 1.2);	(19.1, -4.9, 0.0, 1.2);
(21.2, -7.1, 0.0, 1.2);	(24.8, -10.6, 0.0, 1.2);
(28.3, -14.1, 0.0, 1.2);	(35.4, -21.2, 0.0, 1.2);
(42.4, -28.3, 0.0, 1.2);	(49.5, -35.4, 0.0, 1.2);
(56.6, -42.4, 0.0, 1.2);	(63.6, -49.5, 0.0, 1.2);
(70.7, -56.6, 0.0, 1.2);	(77.8, -63.6, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-56.6, 84.8, 0.0, 1.2);	(-49.5, 77.8, 0.0, 1.2);
(-42.4, 70.7, 0.0, 1.2);	(-35.4, 63.6, 0.0, 1.2);
(-28.3, 56.6, 0.0, 1.2);	(-21.2, 49.5, 0.0, 1.2);
(-14.1, 42.4, 0.0, 1.2);	(-7.1, 35.4, 0.0, 1.2);
(-3.5, 31.8, 0.0, 1.2);	(0.0, 28.3, 0.0, 1.2);
(2.1, 26.2, 0.0, 1.2);	(3.5, 24.8, 0.0, 1.2);
(4.9, 23.3, 0.0, 1.2);	(6.4, 21.9, 0.0, 1.2);
(7.8, 20.5, 0.0, 1.2);	(20.5, 7.8, 0.0, 1.2);
(21.9, 6.4, 0.0, 1.2);	(23.3, 4.9, 0.0, 1.2);
(24.8, 3.5, 0.0, 1.2);	(26.2, 2.1, 0.0, 1.2);
(28.3, 0.0, 0.0, 1.2);	(31.8, -3.5, 0.0, 1.2);
(35.4, -7.1, 0.0, 1.2);	(42.4, -14.1, 0.0, 1.2);
(49.5, -21.2, 0.0, 1.2);	(56.6, -28.3, 0.0, 1.2);
(63.6, -35.4, 0.0, 1.2);	(70.7, -42.4, 0.0, 1.2);
(77.8, -49.5, 0.0, 1.2);	(84.8, -56.6, 0.0, 1.2);
(-49.5, 91.9, 0.0, 1.2);	(-42.4, 84.8, 0.0, 1.2);
(-35.4, 77.8, 0.0, 1.2);	(-28.3, 70.7, 0.0, 1.2);
(-21.2, 63.6, 0.0, 1.2);	(-14.1, 56.6, 0.0, 1.2);
(-7.1, 49.5, 0.0, 1.2);	(0.0, 42.4, 0.0, 1.2);

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

(3.5, 38.9, 0.0, 1.2);	(7.1, 35.4, 0.0, 1.2);
(9.2, 33.2, 0.0, 1.2);	(10.6, 31.8, 0.0, 1.2);
(12.0, 30.4, 0.0, 1.2);	(13.4, 29.0, 0.0, 1.2);
(14.9, 27.6, 0.0, 1.2);	(27.6, 14.9, 0.0, 1.2);
(29.0, 13.4, 0.0, 1.2);	(30.4, 12.0, 0.0, 1.2);
(31.8, 10.6, 0.0, 1.2);	(33.2, 9.2, 0.0, 1.2);
(35.4, 7.1, 0.0, 1.2);	(38.9, 3.5, 0.0, 1.2);
(42.4, 0.0, 0.0, 1.2);	(49.5, -7.1, 0.0, 1.2);
(56.6, -14.1, 0.0, 1.2);	(63.6, -21.2, 0.0, 1.2);
(70.7, -28.3, 0.0, 1.2);	(77.8, -35.4, 0.0, 1.2);
(84.8, -42.4, 0.0, 1.2);	(91.9, -49.5, 0.0, 1.2);
(-42.4, 99.0, 0.0, 1.2);	(-35.4, 91.9, 0.0, 1.2);
(-28.3, 84.8, 0.0, 1.2);	(-21.2, 77.8, 0.0, 1.2);
(-14.1, 70.7, 0.0, 1.2);	(-7.1, 63.6, 0.0, 1.2);
(0.0, 56.6, 0.0, 1.2);	(7.1, 49.5, 0.0, 1.2);
(10.6, 46.0, 0.0, 1.2);	(14.1, 42.4, 0.0, 1.2);
(16.3, 40.3, 0.0, 1.2);	(17.7, 38.9, 0.0, 1.2);
(19.1, 37.5, 0.0, 1.2);	(20.5, 36.1, 0.0, 1.2);
(21.9, 34.7, 0.0, 1.2);	(34.7, 21.9, 0.0, 1.2);
(36.1, 20.5, 0.0, 1.2);	(37.5, 19.1, 0.0, 1.2);
(38.9, 17.7, 0.0, 1.2);	(40.3, 16.3, 0.0, 1.2);
(42.4, 14.1, 0.0, 1.2);	(46.0, 10.6, 0.0, 1.2);
(49.5, 7.1, 0.0, 1.2);	(56.6, 0.0, 0.0, 1.2);
(63.6, -7.1, 0.0, 1.2);	(70.7, -14.1, 0.0, 1.2);
(77.8, -21.2, 0.0, 1.2);	(84.8, -28.3, 0.0, 1.2);
(91.9, -35.4, 0.0, 1.2);	(99.0, -42.4, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-35.4, 106.1, 0.0, 1.2);	(-28.3, 99.0, 0.0, 1.2);
(-21.2, 91.9, 0.0, 1.2);	(-14.1, 84.8, 0.0, 1.2);
(-7.1, 77.8, 0.0, 1.2);	(0.0, 70.7, 0.0, 1.2);
(7.1, 63.6, 0.0, 1.2);	(14.1, 56.6, 0.0, 1.2);
(17.7, 53.0, 0.0, 1.2);	(21.2, 49.5, 0.0, 1.2);
(23.3, 47.4, 0.0, 1.2);	(24.8, 46.0, 0.0, 1.2);
(26.2, 44.5, 0.0, 1.2);	(27.6, 43.1, 0.0, 1.2);
(29.0, 41.7, 0.0, 1.2);	(41.7, 29.0, 0.0, 1.2);
(43.1, 27.6, 0.0, 1.2);	(44.5, 26.2, 0.0, 1.2);
(46.0, 24.8, 0.0, 1.2);	(47.4, 23.3, 0.0, 1.2);
(49.5, 21.2, 0.0, 1.2);	(53.0, 17.7, 0.0, 1.2);

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

(56.6,	14.1,	0.0,	1.2);	(63.6,	7.1,	0.0,	1.2);
(70.7,	0.0,	0.0,	1.2);	(77.8,	-7.1,	0.0,	1.2);
(84.8,	-14.1,	0.0,	1.2);	(91.9,	-21.2,	0.0,	1.2);
(99.0,	-28.3,	0.0,	1.2);	(106.1,	-35.4,	0.0,	1.2);
(-28.3,	113.1,	0.0,	1.2);	(-21.2,	106.1,	0.0,	1.2);
(-14.1,	99.0,	0.0,	1.2);	(-7.1,	91.9,	0.0,	1.2);
(0.0,	84.8,	0.0,	1.2);	(7.1,	77.8,	0.0,	1.2);
(14.1,	70.7,	0.0,	1.2);	(21.2,	63.6,	0.0,	1.2);
(24.8,	60.1,	0.0,	1.2);	(28.3,	56.6,	0.0,	1.2);
(30.4,	54.5,	0.0,	1.2);	(31.8,	53.0,	0.0,	1.2);
(33.2,	51.6,	0.0,	1.2);	(34.7,	50.2,	0.0,	1.2);
(36.1,	48.8,	0.0,	1.2);	(48.8,	36.1,	0.0,	1.2);
(50.2,	34.7,	0.0,	1.2);	(51.6,	33.2,	0.0,	1.2);
(53.0,	31.8,	0.0,	1.2);	(54.5,	30.4,	0.0,	1.2);
(56.6,	28.3,	0.0,	1.2);	(60.1,	24.8,	0.0,	1.2);
(63.6,	21.2,	0.0,	1.2);	(70.7,	14.1,	0.0,	1.2);
(77.8,	7.1,	0.0,	1.2);	(84.8,	0.0,	0.0,	1.2);
(91.9,	-7.1,	0.0,	1.2);	(99.0,	-14.1,	0.0,	1.2);
(106.1,	-21.2,	0.0,	1.2);	(113.1,	-28.3,	0.0,	1.2);
(-21.2,	120.2,	0.0,	1.2);	(-14.1,	113.1,	0.0,	1.2);
(-7.1,	106.1,	0.0,	1.2);	(0.0,	99.0,	0.0,	1.2);
(7.1,	91.9,	0.0,	1.2);	(14.1,	84.8,	0.0,	1.2);
(21.2,	77.8,	0.0,	1.2);	(28.3,	70.7,	0.0,	1.2);
(31.8,	67.2,	0.0,	1.2);	(35.4,	63.6,	0.0,	1.2);
(37.5,	61.5,	0.0,	1.2);	(38.9,	60.1,	0.0,	1.2);
(40.3,	58.7,	0.0,	1.2);	(41.7,	57.3,	0.0,	1.2);
(43.1,	55.9,	0.0,	1.2);	(55.9,	43.1,	0.0,	1.2);
(57.3,	41.7,	0.0,	1.2);	(58.7,	40.3,	0.0,	1.2);
(60.1,	38.9,	0.0,	1.2);	(61.5,	37.5,	0.0,	1.2);
(63.6,	35.4,	0.0,	1.2);	(67.2,	31.8,	0.0,	1.2);
(70.7,	28.3,	0.0,	1.2);	(77.8,	21.2,	0.0,	1.2);
(84.8,	14.1,	0.0,	1.2);	(91.9,	7.1,	0.0,	1.2);
(99.0,	0.0,	0.0,	1.2);	(106.1,	-7.1,	0.0,	1.2);
(113.1,	-14.1,	0.0,	1.2);	(120.2,	-21.2,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-14.1,	127.3,	0.0,	1.2);	(-7.1,	120.2,	0.0,	1.2);
(0.0,	113.1,	0.0,	1.2);	(7.1,	106.1,	0.0,	1.2);
(14.1,	99.0,	0.0,	1.2);	(21.2,	91.9,	0.0,	1.2);

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

(28.3,	84.8,	0.0,	1.2);	(35.4,	77.8,	0.0,	1.2);
(38.9,	74.2,	0.0,	1.2);	(42.4,	70.7,	0.0,	1.2);
(44.5,	68.6,	0.0,	1.2);	(46.0,	67.2,	0.0,	1.2);
(47.4,	65.8,	0.0,	1.2);	(48.8,	64.3,	0.0,	1.2);
(50.2,	62.9,	0.0,	1.2);	(62.9,	50.2,	0.0,	1.2);
(64.3,	48.8,	0.0,	1.2);	(65.8,	47.4,	0.0,	1.2);
(67.2,	46.0,	0.0,	1.2);	(68.6,	44.5,	0.0,	1.2);
(70.7,	42.4,	0.0,	1.2);	(74.2,	38.9,	0.0,	1.2);
(77.8,	35.4,	0.0,	1.2);	(84.8,	28.3,	0.0,	1.2);
(91.9,	21.2,	0.0,	1.2);	(99.0,	14.1,	0.0,	1.2);
(106.1,	7.1,	0.0,	1.2);	(113.1,	0.0,	0.0,	1.2);
(120.2,	-7.1,	0.0,	1.2);	(127.3,	-14.1,	0.0,	1.2);
(-7.1,	134.4,	0.0,	1.2);	(0.0,	127.3,	0.0,	1.2);
(7.1,	120.2,	0.0,	1.2);	(14.1,	113.1,	0.0,	1.2);
(21.2,	106.1,	0.0,	1.2);	(28.3,	99.0,	0.0,	1.2);
(35.4,	91.9,	0.0,	1.2);	(42.4,	84.8,	0.0,	1.2);
(46.0,	81.3,	0.0,	1.2);	(49.5,	77.8,	0.0,	1.2);
(51.6,	75.7,	0.0,	1.2);	(53.0,	74.2,	0.0,	1.2);
(54.5,	72.8,	0.0,	1.2);	(55.9,	71.4,	0.0,	1.2);
(57.3,	70.0,	0.0,	1.2);	(70.0,	57.3,	0.0,	1.2);
(71.4,	55.9,	0.0,	1.2);	(72.8,	54.5,	0.0,	1.2);
(74.2,	53.0,	0.0,	1.2);	(75.7,	51.6,	0.0,	1.2);
(77.8,	49.5,	0.0,	1.2);	(81.3,	46.0,	0.0,	1.2);
(84.8,	42.4,	0.0,	1.2);	(91.9,	35.4,	0.0,	1.2);
(99.0,	28.3,	0.0,	1.2);	(106.1,	21.2,	0.0,	1.2);
(113.1,	14.1,	0.0,	1.2);	(120.2,	7.1,	0.0,	1.2);
(127.3,	0.0,	0.0,	1.2);	(134.4,	-7.1,	0.0,	1.2);
(0.0,	141.4,	0.0,	1.2);	(7.1,	134.4,	0.0,	1.2);
(14.1,	127.3,	0.0,	1.2);	(21.2,	120.2,	0.0,	1.2);
(28.3,	113.1,	0.0,	1.2);	(35.4,	106.1,	0.0,	1.2);
(42.4,	99.0,	0.0,	1.2);	(49.5,	91.9,	0.0,	1.2);
(53.0,	88.4,	0.0,	1.2);	(56.6,	84.8,	0.0,	1.2);
(58.7,	82.7,	0.0,	1.2);	(60.1,	81.3,	0.0,	1.2);
(61.5,	79.9,	0.0,	1.2);	(62.9,	78.5,	0.0,	1.2);
(64.3,	77.1,	0.0,	1.2);	(77.1,	64.3,	0.0,	1.2);
(78.5,	62.9,	0.0,	1.2);	(79.9,	61.5,	0.0,	1.2);
(81.3,	60.1,	0.0,	1.2);	(82.7,	58.7,	0.0,	1.2);
(84.8,	56.6,	0.0,	1.2);	(88.4,	53.0,	0.0,	1.2);
(91.9,	49.5,	0.0,	1.2);	(99.0,	42.4,	0.0,	1.2);
(106.1,	35.4,	0.0,	1.2);	(113.1,	28.3,	0.0,	1.2);
(120.2,	21.2,	0.0,	1.2);	(127.3,	14.1,	0.0,	1.2);
(134.4,	7.1,	0.0,	1.2);	(141.4,	0.0,	0.0,	1.2);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(7.1, 148.5, 0.0, 1.2);	(14.1, 141.4, 0.0, 1.2);
(21.2, 134.4, 0.0, 1.2);	(28.3, 127.3, 0.0, 1.2);
(35.4, 120.2, 0.0, 1.2);	(42.4, 113.1, 0.0, 1.2);
(49.5, 106.1, 0.0, 1.2);	(56.6, 99.0, 0.0, 1.2);
(60.1, 95.5, 0.0, 1.2);	(63.6, 91.9, 0.0, 1.2);
(65.8, 89.8, 0.0, 1.2);	(67.2, 88.4, 0.0, 1.2);
(68.6, 87.0, 0.0, 1.2);	(70.0, 85.6, 0.0, 1.2);
(71.4, 84.2, 0.0, 1.2);	(84.2, 71.4, 0.0, 1.2);
(85.6, 70.0, 0.0, 1.2);	(87.0, 68.6, 0.0, 1.2);
(88.4, 67.2, 0.0, 1.2);	(89.8, 65.8, 0.0, 1.2);
(91.9, 63.6, 0.0, 1.2);	(95.5, 60.1, 0.0, 1.2);
(99.0, 56.6, 0.0, 1.2);	(106.1, 49.5, 0.0, 1.2);
(113.1, 42.4, 0.0, 1.2);	(120.2, 35.4, 0.0, 1.2);
(127.3, 28.3, 0.0, 1.2);	(134.4, 21.2, 0.0, 1.2);
(141.4, 14.1, 0.0, 1.2);	(148.5, 7.1, 0.0, 1.2);
(14.1, 155.6, 0.0, 1.2);	(21.2, 148.5, 0.0, 1.2);
(28.3, 141.4, 0.0, 1.2);	(35.4, 134.4, 0.0, 1.2);
(42.4, 127.3, 0.0, 1.2);	(49.5, 120.2, 0.0, 1.2);
(56.6, 113.1, 0.0, 1.2);	(63.6, 106.1, 0.0, 1.2);
(67.2, 102.5, 0.0, 1.2);	(70.7, 99.0, 0.0, 1.2);
(72.8, 96.9, 0.0, 1.2);	(74.2, 95.5, 0.0, 1.2);
(75.7, 94.1, 0.0, 1.2);	(77.1, 92.6, 0.0, 1.2);
(78.5, 91.2, 0.0, 1.2);	(91.2, 78.5, 0.0, 1.2);
(92.6, 77.1, 0.0, 1.2);	(94.1, 75.7, 0.0, 1.2);
(95.5, 74.2, 0.0, 1.2);	(96.9, 72.8, 0.0, 1.2);
(99.0, 70.7, 0.0, 1.2);	(102.5, 67.2, 0.0, 1.2);
(106.1, 63.6, 0.0, 1.2);	(113.1, 56.6, 0.0, 1.2);
(120.2, 49.5, 0.0, 1.2);	(127.3, 42.4, 0.0, 1.2);
(134.4, 35.4, 0.0, 1.2);	(141.4, 28.3, 0.0, 1.2);
(148.5, 21.2, 0.0, 1.2);	(155.6, 14.1, 0.0, 1.2);
(21.2, 162.6, 0.0, 1.2);	(28.3, 155.6, 0.0, 1.2);
(35.4, 148.5, 0.0, 1.2);	(42.4, 141.4, 0.0, 1.2);
(49.5, 134.4, 0.0, 1.2);	(56.6, 127.3, 0.0, 1.2);
(63.6, 120.2, 0.0, 1.2);	(70.7, 113.1, 0.0, 1.2);
(74.2, 109.6, 0.0, 1.2);	(77.8, 106.1, 0.0, 1.2);
(79.9, 103.9, 0.0, 1.2);	(81.3, 102.5, 0.0, 1.2);
(82.7, 101.1, 0.0, 1.2);	(84.2, 99.7, 0.0, 1.2);
(85.6, 98.3, 0.0, 1.2);	(98.3, 85.6, 0.0, 1.2);
(99.7, 84.2, 0.0, 1.2);	(101.1, 82.7, 0.0, 1.2);

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

(102.5,	81.3,	0.0,	1.2);	(103.9,	79.9,	0.0,	1.2);
(106.1,	77.8,	0.0,	1.2);	(109.6,	74.2,	0.0,	1.2);
(113.1,	70.7,	0.0,	1.2);	(120.2,	63.6,	0.0,	1.2);
(127.3,	56.6,	0.0,	1.2);	(134.4,	49.5,	0.0,	1.2);
(141.4,	42.4,	0.0,	1.2);	(148.5,	35.4,	0.0,	1.2);
(155.6,	28.3,	0.0,	1.2);	(162.6,	21.2,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(28.3,	169.7,	0.0,	1.2);	(35.4,	162.6,	0.0,	1.2);
(42.4,	155.6,	0.0,	1.2);	(49.5,	148.5,	0.0,	1.2);
(56.6,	141.4,	0.0,	1.2);	(63.6,	134.4,	0.0,	1.2);
(70.7,	127.3,	0.0,	1.2);	(77.8,	120.2,	0.0,	1.2);
(81.3,	116.7,	0.0,	1.2);	(84.8,	113.1,	0.0,	1.2);
(87.0,	111.0,	0.0,	1.2);	(88.4,	109.6,	0.0,	1.2);
(89.8,	108.2,	0.0,	1.2);	(91.2,	106.8,	0.0,	1.2);
(92.6,	105.4,	0.0,	1.2);	(105.4,	92.6,	0.0,	1.2);
(106.8,	91.2,	0.0,	1.2);	(108.2,	89.8,	0.0,	1.2);
(109.6,	88.4,	0.0,	1.2);	(111.0,	87.0,	0.0,	1.2);
(113.1,	84.8,	0.0,	1.2);	(116.7,	81.3,	0.0,	1.2);
(120.2,	77.8,	0.0,	1.2);	(127.3,	70.7,	0.0,	1.2);
(134.4,	63.6,	0.0,	1.2);	(141.4,	56.6,	0.0,	1.2);
(148.5,	49.5,	0.0,	1.2);	(155.6,	42.4,	0.0,	1.2);
(162.6,	35.4,	0.0,	1.2);	(169.7,	28.3,	0.0,	1.2);
(35.4,	176.8,	0.0,	1.2);	(42.4,	169.7,	0.0,	1.2);
(49.5,	162.6,	0.0,	1.2);	(56.6,	155.6,	0.0,	1.2);
(63.6,	148.5,	0.0,	1.2);	(70.7,	141.4,	0.0,	1.2);
(77.8,	134.4,	0.0,	1.2);	(84.8,	127.3,	0.0,	1.2);
(88.4,	123.7,	0.0,	1.2);	(91.9,	120.2,	0.0,	1.2);
(94.1,	118.1,	0.0,	1.2);	(95.5,	116.7,	0.0,	1.2);
(96.9,	115.3,	0.0,	1.2);	(98.3,	113.8,	0.0,	1.2);
(99.7,	112.4,	0.0,	1.2);	(112.4,	99.7,	0.0,	1.2);
(113.8,	98.3,	0.0,	1.2);	(115.3,	96.9,	0.0,	1.2);
(116.7,	95.5,	0.0,	1.2);	(118.1,	94.1,	0.0,	1.2);
(120.2,	91.9,	0.0,	1.2);	(123.7,	88.4,	0.0,	1.2);
(127.3,	84.8,	0.0,	1.2);	(134.4,	77.8,	0.0,	1.2);
(141.4,	70.7,	0.0,	1.2);	(148.5,	63.6,	0.0,	1.2);
(155.6,	56.6,	0.0,	1.2);	(162.6,	49.5,	0.0,	1.2);
(169.7,	42.4,	0.0,	1.2);	(176.8,	35.4,	0.0,	1.2);
(42.4,	183.9,	0.0,	1.2);	(49.5,	176.8,	0.0,	1.2);

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

(56.6,	169.7,	0.0,	1.2);	(63.6,	162.6,	0.0,	1.2);
(70.7,	155.6,	0.0,	1.2);	(77.8,	148.5,	0.0,	1.2);
(84.8,	141.4,	0.0,	1.2);	(91.9,	134.4,	0.0,	1.2);
(95.5,	130.8,	0.0,	1.2);	(99.0,	127.3,	0.0,	1.2);
(101.1,	125.2,	0.0,	1.2);	(102.5,	123.7,	0.0,	1.2);
(103.9,	122.3,	0.0,	1.2);	(105.4,	120.9,	0.0,	1.2);
(106.8,	119.5,	0.0,	1.2);	(119.5,	106.8,	0.0,	1.2);
(120.9,	105.4,	0.0,	1.2);	(122.3,	103.9,	0.0,	1.2);
(123.7,	102.5,	0.0,	1.2);	(125.2,	101.1,	0.0,	1.2);
(127.3,	99.0,	0.0,	1.2);	(130.8,	95.5,	0.0,	1.2);
(134.4,	91.9,	0.0,	1.2);	(141.4,	84.8,	0.0,	1.2);
(148.5,	77.8,	0.0,	1.2);	(155.6,	70.7,	0.0,	1.2);
(162.6,	63.6,	0.0,	1.2);	(169.7,	56.6,	0.0,	1.2);
(176.8,	49.5,	0.0,	1.2);	(183.9,	42.4,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(49.5,	190.9,	0.0,	1.2);	(56.6,	183.9,	0.0,	1.2);
(63.6,	176.8,	0.0,	1.2);	(70.7,	169.7,	0.0,	1.2);
(77.8,	162.6,	0.0,	1.2);	(84.8,	155.6,	0.0,	1.2);
(91.9,	148.5,	0.0,	1.2);	(99.0,	141.4,	0.0,	1.2);
(102.5,	137.9,	0.0,	1.2);	(106.1,	134.4,	0.0,	1.2);
(108.2,	132.2,	0.0,	1.2);	(109.6,	130.8,	0.0,	1.2);
(111.0,	129.4,	0.0,	1.2);	(112.4,	128.0,	0.0,	1.2);
(113.8,	126.6,	0.0,	1.2);	(126.6,	113.8,	0.0,	1.2);
(128.0,	112.4,	0.0,	1.2);	(129.4,	111.0,	0.0,	1.2);
(130.8,	109.6,	0.0,	1.2);	(132.2,	108.2,	0.0,	1.2);
(134.4,	106.1,	0.0,	1.2);	(137.9,	102.5,	0.0,	1.2);
(141.4,	99.0,	0.0,	1.2);	(148.5,	91.9,	0.0,	1.2);
(155.6,	84.8,	0.0,	1.2);	(162.6,	77.8,	0.0,	1.2);
(169.7,	70.7,	0.0,	1.2);	(176.8,	63.6,	0.0,	1.2);
(183.9,	56.6,	0.0,	1.2);	(190.9,	49.5,	0.0,	1.2);
(56.6,	198.0,	0.0,	1.2);	(63.6,	190.9,	0.0,	1.2);
(70.7,	183.9,	0.0,	1.2);	(77.8,	176.8,	0.0,	1.2);
(84.8,	169.7,	0.0,	1.2);	(91.9,	162.6,	0.0,	1.2);
(99.0,	155.6,	0.0,	1.2);	(106.1,	148.5,	0.0,	1.2);
(109.6,	145.0,	0.0,	1.2);	(113.1,	141.4,	0.0,	1.2);
(115.3,	139.3,	0.0,	1.2);	(116.7,	137.9,	0.0,	1.2);
(118.1,	136.5,	0.0,	1.2);	(119.5,	135.1,	0.0,	1.2);
(120.9,	133.6,	0.0,	1.2);	(133.6,	120.9,	0.0,	1.2);

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

(135.1,	119.5,	0.0,	1.2);	(136.5,	118.1,	0.0,	1.2);
(137.9,	116.7,	0.0,	1.2);	(139.3,	115.3,	0.0,	1.2);
(141.4,	113.1,	0.0,	1.2);	(145.0,	109.6,	0.0,	1.2);
(148.5,	106.1,	0.0,	1.2);	(155.6,	99.0,	0.0,	1.2);
(162.6,	91.9,	0.0,	1.2);	(169.7,	84.8,	0.0,	1.2);
(176.8,	77.8,	0.0,	1.2);	(183.9,	70.7,	0.0,	1.2);
(190.9,	63.6,	0.0,	1.2);	(198.0,	56.6,	0.0,	1.2);
(63.6,	205.1,	0.0,	1.2);	(70.7,	198.0,	0.0,	1.2);
(77.8,	190.9,	0.0,	1.2);	(84.8,	183.9,	0.0,	1.2);
(91.9,	176.8,	0.0,	1.2);	(99.0,	169.7,	0.0,	1.2);
(106.1,	162.6,	0.0,	1.2);	(113.1,	155.6,	0.0,	1.2);
(116.7,	152.0,	0.0,	1.2);	(120.2,	148.5,	0.0,	1.2);
(122.3,	146.4,	0.0,	1.2);	(123.7,	145.0,	0.0,	1.2);
(125.2,	143.5,	0.0,	1.2);	(126.6,	142.1,	0.0,	1.2);
(128.0,	140.7,	0.0,	1.2);	(140.7,	128.0,	0.0,	1.2);
(142.1,	126.6,	0.0,	1.2);	(143.5,	125.2,	0.0,	1.2);
(145.0,	123.7,	0.0,	1.2);	(146.4,	122.3,	0.0,	1.2);
(148.5,	120.2,	0.0,	1.2);	(152.0,	116.7,	0.0,	1.2);
(155.6,	113.1,	0.0,	1.2);	(162.6,	106.1,	0.0,	1.2);
(169.7,	99.0,	0.0,	1.2);	(176.8,	91.9,	0.0,	1.2);
(183.9,	84.8,	0.0,	1.2);	(190.9,	77.8,	0.0,	1.2);
(198.0,	70.7,	0.0,	1.2);	(205.1,	63.6,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(70.7,	212.1,	0.0,	1.2);	(77.8,	205.1,	0.0,	1.2);
(84.8,	198.0,	0.0,	1.2);	(91.9,	190.9,	0.0,	1.2);
(99.0,	183.9,	0.0,	1.2);	(106.1,	176.8,	0.0,	1.2);
(113.1,	169.7,	0.0,	1.2);	(120.2,	162.6,	0.0,	1.2);
(123.7,	159.1,	0.0,	1.2);	(127.3,	155.6,	0.0,	1.2);
(129.4,	153.4,	0.0,	1.2);	(130.8,	152.0,	0.0,	1.2);
(132.2,	150.6,	0.0,	1.2);	(133.6,	149.2,	0.0,	1.2);
(135.1,	147.8,	0.0,	1.2);	(147.8,	135.1,	0.0,	1.2);
(149.2,	133.6,	0.0,	1.2);	(150.6,	132.2,	0.0,	1.2);
(152.0,	130.8,	0.0,	1.2);	(153.4,	129.4,	0.0,	1.2);
(155.6,	127.3,	0.0,	1.2);	(159.1,	123.7,	0.0,	1.2);
(162.6,	120.2,	0.0,	1.2);	(169.7,	113.1,	0.0,	1.2);
(176.8,	106.1,	0.0,	1.2);	(183.9,	99.0,	0.0,	1.2);
(190.9,	91.9,	0.0,	1.2);	(198.0,	84.8,	0.0,	1.2);
(205.1,	77.8,	0.0,	1.2);	(212.1,	70.7,	0.0,	1.2);

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

(77.8,	219.2,	0.0,	1.2);	(84.8,	212.1,	0.0,	1.2);
(91.9,	205.1,	0.0,	1.2);	(99.0,	198.0,	0.0,	1.2);
(106.1,	190.9,	0.0,	1.2);	(113.1,	183.9,	0.0,	1.2);
(120.2,	176.8,	0.0,	1.2);	(127.3,	169.7,	0.0,	1.2);
(130.8,	166.2,	0.0,	1.2);	(134.4,	162.6,	0.0,	1.2);
(136.5,	160.5,	0.0,	1.2);	(137.9,	159.1,	0.0,	1.2);
(139.3,	157.7,	0.0,	1.2);	(140.7,	156.3,	0.0,	1.2);
(142.1,	154.9,	0.0,	1.2);	(154.9,	142.1,	0.0,	1.2);
(156.3,	140.7,	0.0,	1.2);	(157.7,	139.3,	0.0,	1.2);
(159.1,	137.9,	0.0,	1.2);	(160.5,	136.5,	0.0,	1.2);
(162.6,	134.4,	0.0,	1.2);	(166.2,	130.8,	0.0,	1.2);
(169.7,	127.3,	0.0,	1.2);	(176.8,	120.2,	0.0,	1.2);
(183.9,	113.1,	0.0,	1.2);	(190.9,	106.1,	0.0,	1.2);
(198.0,	99.0,	0.0,	1.2);	(205.1,	91.9,	0.0,	1.2);
(212.1,	84.8,	0.0,	1.2);	(219.2,	77.8,	0.0,	1.2);
(84.8,	226.3,	0.0,	1.2);	(91.9,	219.2,	0.0,	1.2);
(99.0,	212.1,	0.0,	1.2);	(106.1,	205.1,	0.0,	1.2);
(113.1,	198.0,	0.0,	1.2);	(120.2,	190.9,	0.0,	1.2);
(127.3,	183.9,	0.0,	1.2);	(134.4,	176.8,	0.0,	1.2);
(137.9,	173.2,	0.0,	1.2);	(141.4,	169.7,	0.0,	1.2);
(143.5,	167.6,	0.0,	1.2);	(145.0,	166.2,	0.0,	1.2);
(146.4,	164.8,	0.0,	1.2);	(147.8,	163.3,	0.0,	1.2);
(149.2,	161.9,	0.0,	1.2);	(161.9,	149.2,	0.0,	1.2);
(163.3,	147.8,	0.0,	1.2);	(164.8,	146.4,	0.0,	1.2);
(166.2,	145.0,	0.0,	1.2);	(167.6,	143.5,	0.0,	1.2);
(169.7,	141.4,	0.0,	1.2);	(173.2,	137.9,	0.0,	1.2);
(176.8,	134.4,	0.0,	1.2);	(183.9,	127.3,	0.0,	1.2);
(190.9,	120.2,	0.0,	1.2);	(198.0,	113.1,	0.0,	1.2);
(205.1,	106.1,	0.0,	1.2);	(212.1,	99.0,	0.0,	1.2);
(219.2,	91.9,	0.0,	1.2);	(226.3,	84.8,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(91.9,	233.4,	0.0,	1.2);	(99.0,	226.3,	0.0,	1.2);
(106.1,	219.2,	0.0,	1.2);	(113.1,	212.1,	0.0,	1.2);
(120.2,	205.1,	0.0,	1.2);	(127.3,	198.0,	0.0,	1.2);
(134.4,	190.9,	0.0,	1.2);	(141.4,	183.9,	0.0,	1.2);
(145.0,	180.3,	0.0,	1.2);	(148.5,	176.8,	0.0,	1.2);
(150.6,	174.7,	0.0,	1.2);	(152.0,	173.2,	0.0,	1.2);
(153.4,	171.8,	0.0,	1.2);	(154.9,	170.4,	0.0,	1.2);

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

(156.3,	169.0,	0.0,	1.2);	(169.0,	156.3,	0.0,	1.2);
(170.4,	154.9,	0.0,	1.2);	(171.8,	153.4,	0.0,	1.2);
(173.2,	152.0,	0.0,	1.2);	(174.7,	150.6,	0.0,	1.2);
(176.8,	148.5,	0.0,	1.2);	(180.3,	145.0,	0.0,	1.2);
(183.9,	141.4,	0.0,	1.2);	(190.9,	134.4,	0.0,	1.2);
(198.0,	127.3,	0.0,	1.2);	(205.1,	120.2,	0.0,	1.2);
(212.1,	113.1,	0.0,	1.2);	(219.2,	106.1,	0.0,	1.2);
(226.3,	99.0,	0.0,	1.2);	(233.4,	91.9,	0.0,	1.2);
(99.0,	240.4,	0.0,	1.2);	(106.1,	233.4,	0.0,	1.2);
(113.1,	226.3,	0.0,	1.2);	(120.2,	219.2,	0.0,	1.2);
(127.3,	212.1,	0.0,	1.2);	(134.4,	205.1,	0.0,	1.2);
(141.4,	198.0,	0.0,	1.2);	(148.5,	190.9,	0.0,	1.2);
(152.0,	187.4,	0.0,	1.2);	(155.6,	183.9,	0.0,	1.2);
(157.7,	181.7,	0.0,	1.2);	(159.1,	180.3,	0.0,	1.2);
(160.5,	178.9,	0.0,	1.2);	(161.9,	177.5,	0.0,	1.2);
(163.3,	176.1,	0.0,	1.2);	(176.1,	163.3,	0.0,	1.2);
(177.5,	161.9,	0.0,	1.2);	(178.9,	160.5,	0.0,	1.2);
(180.3,	159.1,	0.0,	1.2);	(181.7,	157.7,	0.0,	1.2);
(183.9,	155.6,	0.0,	1.2);	(187.4,	152.0,	0.0,	1.2);
(190.9,	148.5,	0.0,	1.2);	(198.0,	141.4,	0.0,	1.2);
(205.1,	134.4,	0.0,	1.2);	(212.1,	127.3,	0.0,	1.2);
(219.2,	120.2,	0.0,	1.2);	(226.3,	113.1,	0.0,	1.2);
(233.4,	106.1,	0.0,	1.2);	(240.4,	99.0,	0.0,	1.2);
(106.1,	247.5,	0.0,	1.2);	(113.1,	240.4,	0.0,	1.2);
(120.2,	233.4,	0.0,	1.2);	(127.3,	226.3,	0.0,	1.2);
(134.4,	219.2,	0.0,	1.2);	(141.4,	212.1,	0.0,	1.2);
(148.5,	205.1,	0.0,	1.2);	(155.6,	198.0,	0.0,	1.2);
(159.1,	194.4,	0.0,	1.2);	(162.6,	190.9,	0.0,	1.2);
(164.8,	188.8,	0.0,	1.2);	(166.2,	187.4,	0.0,	1.2);
(167.6,	186.0,	0.0,	1.2);	(169.0,	184.6,	0.0,	1.2);
(170.4,	183.1,	0.0,	1.2);	(183.1,	170.4,	0.0,	1.2);
(184.6,	169.0,	0.0,	1.2);	(186.0,	167.6,	0.0,	1.2);
(187.4,	166.2,	0.0,	1.2);	(188.8,	164.8,	0.0,	1.2);
(190.9,	162.6,	0.0,	1.2);	(194.4,	159.1,	0.0,	1.2);
(198.0,	155.6,	0.0,	1.2);	(205.1,	148.5,	0.0,	1.2);
(212.1,	141.4,	0.0,	1.2);	(219.2,	134.4,	0.0,	1.2);
(226.3,	127.3,	0.0,	1.2);	(233.4,	120.2,	0.0,	1.2);
(240.4,	113.1,	0.0,	1.2);	(247.5,	106.1,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

1
1
1
1
1
1
1
1
1
1
1 1

METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 1997 1 1 1
AND END DATE: 1997 12 31 24

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

	STABILITY CATEGORY	WIND SPEED CATEGORY					6
		1	2	3	4	5	
.15000E+00	A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	
.15000E+00	B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	
.20000E+00	C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	
.25000E+00	D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	
.30000E+00	E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	
.30000E+00	F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

	STABILITY CATEGORY	WIND SPEED CATEGORY					6
		1	2	3	4	5	
.00000E+00	A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
.00000E+00	B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
.00000E+00	C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
.00000E+00	D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
.20000E-01	E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	
.35000E-01	F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: C:\NCRA\Modeling\Met Data\Napa\NAP97300.ASC

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)

SURFACE STATION NO.: 4901 UPPER AIR STATION NO.: 4901
NAME: UNKNOWN NAME: UNKNOWN

YEAR: 1997 YEAR: 1997

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
97	01	01	01	1.0	3.40	288.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	02	14.0	3.58	288.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	03	18.0	3.40	288.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	04	11.0	3.80	288.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	05	28.0	3.67	288.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	06	39.0	3.93	288.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	07	47.0	3.89	288.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	08	50.0	3.31	287.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	09	45.0	3.13	287.7	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	10	17.0	3.93	287.9	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	11	29.0	3.89	288.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	12	26.0	3.93	288.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	13	15.0	2.55	288.1	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	14	13.0	2.95	288.2	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	15	35.0	3.58	288.2	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	16	32.0	3.08	288.4	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	17	23.0	2.95	288.2	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	18	16.0	2.73	287.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	19	22.0	2.68	287.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	20	17.0	2.24	287.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	21	16.0	2.24	287.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	22	16.0	2.19	287.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	23	24.0	2.28	287.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	24	11.0	2.28	287.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00013	-240.42	-113.14	0.00014
-233.35	-120.21	0.00014	-226.27	-127.28	0.00014
-219.20	-134.35	0.00014	-212.13	-141.42	0.00015
-205.06	-148.49	0.00015	-197.99	-155.56	0.00015
-194.45	-159.10	0.00015	-190.92	-162.63	0.00015
-188.80	-164.76	0.00015	-187.38	-166.17	0.00015
-185.97	-167.58	0.00015	-184.55	-169.00	0.00015
-183.14	-170.41	0.00015	-170.41	-183.14	0.00015
-169.00	-184.55	0.00015	-167.58	-185.97	0.00015
-166.17	-187.38	0.00015	-164.76	-188.80	0.00015
-162.63	-190.92	0.00015	-159.10	-194.45	0.00015
-155.56	-197.99	0.00015	-148.49	-205.06	0.00014
-141.42	-212.13	0.00014	-134.35	-219.20	0.00014
-127.28	-226.27	0.00013	-120.21	-233.35	0.00013
-113.14	-240.42	0.00013	-106.07	-247.49	0.00013
-240.42	-98.99	0.00014	-233.35	-106.07	0.00014
-226.27	-113.14	0.00014	-219.20	-120.21	0.00015

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-212.13	-127.28	0.00015	-205.06	-134.35	0.00015
-197.99	-141.42	0.00015	-190.92	-148.49	0.00016
-187.38	-152.03	0.00016	-183.85	-155.56	0.00016
-181.73	-157.68	0.00016	-180.31	-159.10	0.00016
-178.90	-160.51	0.00016	-177.48	-161.93	0.00016
-176.07	-163.34	0.00016	-163.34	-176.07	0.00016
-161.93	-177.48	0.00016	-160.51	-178.90	0.00016
-159.10	-180.31	0.00016	-157.68	-181.73	0.00016
-155.56	-183.85	0.00016	-152.03	-187.38	0.00015
-148.49	-190.92	0.00015	-141.42	-197.99	0.00015
-134.35	-205.06	0.00015	-127.28	-212.13	0.00014
-120.21	-219.20	0.00014	-113.14	-226.27	0.00014
-106.07	-233.35	0.00013	-98.99	-240.42	0.00013
-233.35	-91.92	0.00014	-226.27	-99.00	0.00015
-219.20	-106.07	0.00015	-212.13	-113.14	0.00015
-205.06	-120.21	0.00015	-197.99	-127.28	0.00016
-190.92	-134.35	0.00016	-183.85	-141.42	0.00016
-180.31	-144.96	0.00016	-176.78	-148.49	0.00016
-174.66	-150.61	0.00016	-173.24	-152.03	0.00016
-171.83	-153.44	0.00016	-170.41	-154.86	0.00017
-169.00	-156.27	0.00017	-156.27	-169.00	0.00016
-154.86	-170.41	0.00016	-153.44	-171.83	0.00016
-152.03	-173.24	0.00016	-150.61	-174.66	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00016	-144.96	-180.31	0.00016
-141.42	-183.85	0.00016	-134.35	-190.92	0.00016
-127.28	-197.99	0.00015	-120.21	-205.06	0.00015
-113.14	-212.13	0.00014	-106.07	-219.20	0.00014
-98.99	-226.27	0.00014	-91.92	-233.35	0.00014
-226.27	-84.85	0.00015	-219.20	-91.92	0.00015
-212.13	-99.00	0.00016	-205.06	-106.07	0.00016
-197.99	-113.14	0.00016	-190.92	-120.21	0.00016
-183.85	-127.28	0.00017	-176.78	-134.35	0.00017
-173.24	-137.89	0.00017	-169.71	-141.42	0.00017
-167.58	-143.54	0.00017	-166.17	-144.96	0.00017

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-164.76	-146.37	0.00017	-163.34	-147.79	0.00017
-161.93	-149.20	0.00017	-149.20	-161.93	0.00017
-147.79	-163.34	0.00017	-146.37	-164.76	0.00017
-144.96	-166.17	0.00017	-143.54	-167.58	0.00017
-141.42	-169.71	0.00017	-137.89	-173.24	0.00017
-134.35	-176.78	0.00017	-127.28	-183.85	0.00016
-120.21	-190.92	0.00016	-113.14	-197.99	0.00015
-106.07	-205.06	0.00015	-98.99	-212.13	0.00015
-91.92	-219.20	0.00014	-84.85	-226.27	0.00014
-219.20	-77.78	0.00016	-212.13	-84.85	0.00016
-205.06	-91.92	0.00016	-197.99	-99.00	0.00017
-190.92	-106.07	0.00017	-183.85	-113.14	0.00017
-176.78	-120.21	0.00017	-169.71	-127.28	0.00018
-166.17	-130.81	0.00018	-162.63	-134.35	0.00018
-160.51	-136.47	0.00018	-159.10	-137.89	0.00018
-157.68	-139.30	0.00018	-156.27	-140.71	0.00018
-154.86	-142.13	0.00018	-142.13	-154.86	0.00018
-140.71	-156.27	0.00018	-139.30	-157.68	0.00018
-137.89	-159.10	0.00018	-136.47	-160.51	0.00018
-134.35	-162.63	0.00018	-130.81	-166.17	0.00018
-127.28	-169.71	0.00017	-120.21	-176.78	0.00017
-113.14	-183.85	0.00017	-106.07	-190.92	0.00016
-98.99	-197.99	0.00016	-91.92	-205.06	0.00015
-84.85	-212.13	0.00015	-77.78	-219.20	0.00015
-212.13	-70.71	0.00016	-205.06	-77.78	0.00017
-197.99	-84.85	0.00017	-190.92	-91.92	0.00017
-183.85	-98.99	0.00018	-176.78	-106.07	0.00018
-169.71	-113.14	0.00018	-162.63	-120.21	0.00019
-159.10	-123.74	0.00019	-155.56	-127.28	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00019	-152.03	-130.81	0.00019
-150.61	-132.23	0.00019	-149.20	-133.64	0.00019
-147.79	-135.06	0.00019	-135.06	-147.79	0.00019
-133.64	-149.20	0.00019	-132.23	-150.61	0.00019
-130.81	-152.03	0.00019	-129.40	-153.44	0.00019

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-155.56	0.00019	-123.74	-159.10	0.00018
-120.21	-162.63	0.00018	-113.14	-169.71	0.00018
-106.07	-176.78	0.00017	-98.99	-183.85	0.00017
-91.92	-190.92	0.00016	-84.85	-197.99	0.00016
-77.78	-205.06	0.00016	-70.71	-212.13	0.00015
-205.06	-63.64	0.00017	-197.99	-70.71	0.00017
-190.92	-77.78	0.00018	-183.85	-84.85	0.00018
-176.78	-91.92	0.00018	-169.71	-98.99	0.00019
-162.63	-106.07	0.00019	-155.56	-113.14	0.00019
-152.03	-116.67	0.00020	-148.49	-120.21	0.00020
-146.37	-122.33	0.00020	-144.96	-123.74	0.00020
-143.54	-125.16	0.00020	-142.13	-126.57	0.00020
-140.71	-127.99	0.00020	-127.99	-140.71	0.00020
-126.57	-142.13	0.00020	-125.16	-143.54	0.00020
-123.74	-144.96	0.00020	-122.33	-146.37	0.00020
-120.21	-148.49	0.00019	-116.67	-152.03	0.00019
-113.14	-155.56	0.00019	-106.07	-162.63	0.00019
-98.99	-169.71	0.00018	-91.92	-176.78	0.00018
-84.85	-183.85	0.00017	-77.78	-190.92	0.00017
-70.71	-197.99	0.00016	-63.64	-205.06	0.00016
-197.99	-56.57	0.00018	-190.92	-63.64	0.00018
-183.85	-70.71	0.00019	-176.78	-77.78	0.00019
-169.71	-84.85	0.00019	-162.63	-91.92	0.00020
-155.56	-98.99	0.00020	-148.49	-106.07	0.00020
-144.96	-109.60	0.00021	-141.42	-113.14	0.00021
-139.30	-115.26	0.00021	-137.89	-116.67	0.00021
-136.47	-118.09	0.00021	-135.06	-119.50	0.00021
-133.64	-120.92	0.00021	-120.92	-133.64	0.00021
-119.50	-135.06	0.00021	-118.09	-136.47	0.00021
-116.67	-137.89	0.00021	-115.26	-139.30	0.00021
-113.14	-141.42	0.00020	-109.60	-144.96	0.00020
-106.07	-148.49	0.00020	-98.99	-155.56	0.00019
-91.92	-162.63	0.00019	-84.85	-169.71	0.00018
-77.78	-176.78	0.00018	-70.71	-183.85	0.00018
-63.64	-190.92	0.00017	-56.57	-197.99	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***
 18:03:23
 **MODELOPTS:
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 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

13NCRA NAPA97-300_DPM_TRAV_ANN_NE-SW Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00018	-183.85	-56.57	0.00019
-176.78	-63.64	0.00019	-169.71	-70.71	0.00020
-162.63	-77.78	0.00020	-155.56	-84.85	0.00021
-148.49	-91.92	0.00021	-141.42	-98.99	0.00021
-137.89	-102.53	0.00022	-134.35	-106.07	0.00022
-132.23	-108.19	0.00022	-130.81	-109.60	0.00022
-129.40	-111.02	0.00022	-127.99	-112.43	0.00022
-126.57	-113.84	0.00022	-113.84	-126.57	0.00022
-112.43	-127.99	0.00022	-111.02	-129.40	0.00022
-109.60	-130.81	0.00022	-108.19	-132.23	0.00022
-106.07	-134.35	0.00021	-102.53	-137.89	0.00021
-98.99	-141.42	0.00021	-91.92	-148.49	0.00020
-84.85	-155.56	0.00020	-77.78	-162.63	0.00019
-70.71	-169.71	0.00019	-63.64	-176.78	0.00018
-56.57	-183.85	0.00018	-49.50	-190.92	0.00018
-183.85	-42.43	0.00019	-176.78	-49.50	0.00020
-169.71	-56.57	0.00020	-162.63	-63.64	0.00021
-155.56	-70.71	0.00021	-148.49	-77.78	0.00022
-141.42	-84.85	0.00022	-134.35	-91.92	0.00023
-130.81	-95.46	0.00023	-127.28	-98.99	0.00023
-125.16	-101.12	0.00023	-123.74	-102.53	0.00023
-122.33	-103.94	0.00023	-120.92	-105.36	0.00023
-119.50	-106.77	0.00023	-106.77	-119.50	0.00023
-105.36	-120.92	0.00023	-103.94	-122.33	0.00023
-102.53	-123.74	0.00023	-101.12	-125.16	0.00023
-98.99	-127.28	0.00023	-95.46	-130.81	0.00022
-91.92	-134.35	0.00022	-84.85	-141.42	0.00021
-77.78	-148.49	0.00021	-70.71	-155.56	0.00020
-63.64	-162.63	0.00020	-56.57	-169.71	0.00019
-49.50	-176.78	0.00019	-42.43	-183.85	0.00019
-176.78	-35.36	0.00020	-169.71	-42.43	0.00021
-162.63	-49.50	0.00021	-155.56	-56.57	0.00022
-148.49	-63.64	0.00022	-141.42	-70.71	0.00023
-134.35	-77.78	0.00023	-127.28	-84.85	0.00024
-123.74	-88.39	0.00024	-120.21	-91.92	0.00024
-118.09	-94.05	0.00024	-116.67	-95.46	0.00024
-115.26	-96.87	0.00024	-113.84	-98.29	0.00024
-112.43	-99.70	0.00024	-99.70	-112.43	0.00024
-98.29	-113.84	0.00024	-96.87	-115.26	0.00024
-95.46	-116.67	0.00024	-94.05	-118.09	0.00024

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

18:03:23

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00024	-88.39	-123.74	0.00024
-84.85	-127.28	0.00023	-77.78	-134.35	0.00023
-70.71	-141.42	0.00022	-63.64	-148.49	0.00021
-56.57	-155.56	0.00021	-49.50	-162.63	0.00020
-42.43	-169.71	0.00020	-35.36	-176.78	0.00020
-169.71	-28.28	0.00021	-162.63	-35.36	0.00022
-155.56	-42.43	0.00022	-148.49	-49.50	0.00023
-141.42	-56.57	0.00024	-134.35	-63.64	0.00024
-127.28	-70.71	0.00025	-120.21	-77.78	0.00025
-116.67	-81.32	0.00025	-113.14	-84.85	0.00026
-111.02	-86.97	0.00026	-109.60	-88.39	0.00026
-108.19	-89.80	0.00026	-106.77	-91.22	0.00026
-105.36	-92.63	0.00026	-92.63	-105.36	0.00026
-91.22	-106.77	0.00026	-89.80	-108.19	0.00026
-88.39	-109.60	0.00025	-86.97	-111.02	0.00025
-84.85	-113.14	0.00025	-81.32	-116.67	0.00025
-77.78	-120.21	0.00025	-70.71	-127.28	0.00024
-63.64	-134.35	0.00023	-56.57	-141.42	0.00022
-49.50	-148.49	0.00022	-42.43	-155.56	0.00021
-35.36	-162.63	0.00021	-28.28	-169.71	0.00021
-162.63	-21.21	0.00022	-155.56	-28.28	0.00023
-148.49	-35.36	0.00024	-141.42	-42.43	0.00024
-134.35	-49.50	0.00025	-127.28	-56.57	0.00025
-120.21	-63.64	0.00026	-113.14	-70.71	0.00027
-109.60	-74.25	0.00027	-106.07	-77.78	0.00027
-103.94	-79.90	0.00027	-102.53	-81.32	0.00027
-101.12	-82.73	0.00027	-99.70	-84.15	0.00027
-98.29	-85.56	0.00027	-85.56	-98.29	0.00027
-84.15	-99.70	0.00027	-82.73	-101.12	0.00027
-81.32	-102.53	0.00027	-79.90	-103.94	0.00027
-77.78	-106.07	0.00027	-74.25	-109.60	0.00026
-70.71	-113.14	0.00026	-63.64	-120.21	0.00025
-56.57	-127.28	0.00024	-49.50	-134.35	0.00024
-42.43	-141.42	0.00023	-35.36	-148.49	0.00023
-28.28	-155.56	0.00022	-21.21	-162.63	0.00022
-155.56	-14.14	0.00023	-148.49	-21.21	0.00024
-141.42	-28.28	0.00025	-134.35	-35.36	0.00026

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-79.90	-61.52	0.00033	-78.49	-62.93	0.00033
-77.07	-64.35	0.00033	-64.35	-77.07	0.00033
-62.93	-78.49	0.00033	-61.52	-79.90	0.00032
-60.10	-81.32	0.00032	-58.69	-82.73	0.00032
-56.57	-84.85	0.00032	-53.03	-88.39	0.00031
-49.50	-91.92	0.00031	-42.43	-98.99	0.00030
-35.36	-106.07	0.00029	-28.28	-113.14	0.00028
-21.21	-120.21	0.00027	-14.14	-127.28	0.00027
-7.07	-134.35	0.00026	0.00	-141.42	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
 PAGE 29
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00027	-127.28	0.00	0.00028
-120.21	-7.07	0.00029	-113.14	-14.14	0.00030
-106.07	-21.21	0.00031	-98.99	-28.28	0.00032
-91.92	-35.36	0.00033	-84.85	-42.43	0.00034
-81.32	-45.96	0.00034	-77.78	-49.50	0.00035
-75.66	-51.62	0.00035	-74.25	-53.03	0.00035
-72.83	-54.45	0.00035	-71.42	-55.86	0.00035
-70.00	-57.28	0.00035	-57.28	-70.00	0.00035
-55.86	-71.42	0.00035	-54.45	-72.83	0.00035
-53.03	-74.25	0.00034	-51.62	-75.66	0.00034
-49.50	-77.78	0.00034	-45.96	-81.32	0.00033
-42.43	-84.85	0.00033	-35.36	-91.92	0.00032
-28.28	-98.99	0.00031	-21.21	-106.07	0.00030
-14.14	-113.14	0.00029	-7.07	-120.21	0.00028
0.00	-127.28	0.00028	7.07	-134.35	0.00027
-127.28	14.14	0.00029	-120.21	7.07	0.00030
-113.14	0.00	0.00031	-106.07	-7.07	0.00032
-98.99	-14.14	0.00033	-91.92	-21.21	0.00034
-84.85	-28.28	0.00035	-77.78	-35.36	0.00036
-74.25	-38.89	0.00037	-70.71	-42.43	0.00037
-68.59	-44.55	0.00037	-67.18	-45.96	0.00037
-65.76	-47.38	0.00038	-64.35	-48.79	0.00038
-62.93	-50.20	0.00038	-50.20	-62.93	0.00037
-48.79	-64.35	0.00037	-47.38	-65.76	0.00037
-45.96	-67.18	0.00037	-44.55	-68.59	0.00037

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	-70.71	0.00036	-38.89	-74.25	0.00036
-35.36	-77.78	0.00035	-28.28	-84.85	0.00034
-21.21	-91.92	0.00033	-14.14	-98.99	0.00032
-7.07	-106.07	0.00031	0.00	-113.14	0.00030
7.07	-120.21	0.00029	14.14	-127.28	0.00029
-120.21	21.21	0.00030	-113.14	14.14	0.00032
-106.07	7.07	0.00033	-98.99	0.00	0.00034
-91.92	-7.07	0.00035	-84.85	-14.14	0.00037
-77.78	-21.21	0.00038	-70.71	-28.28	0.00039
-67.18	-31.82	0.00039	-63.64	-35.36	0.00040
-61.52	-37.48	0.00040	-60.10	-38.89	0.00040
-58.69	-40.31	0.00040	-57.28	-41.72	0.00040
-55.86	-43.13	0.00040	-43.13	-55.86	0.00040
-41.72	-57.28	0.00040	-40.31	-58.69	0.00040
-38.89	-60.10	0.00040	-37.48	-61.52	0.00039

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00039	-31.82	-67.18	0.00038
-28.28	-70.71	0.00038	-21.21	-77.78	0.00036
-14.14	-84.85	0.00035	-7.07	-91.92	0.00034
0.00	-98.99	0.00033	7.07	-106.07	0.00032
14.14	-113.14	0.00031	21.21	-120.21	0.00030
-113.14	28.28	0.00032	-106.07	21.21	0.00033
-98.99	14.14	0.00035	-91.92	7.07	0.00036
-84.85	0.00	0.00038	-77.78	-7.07	0.00039
-70.71	-14.14	0.00040	-63.64	-21.21	0.00042
-60.10	-24.75	0.00042	-56.57	-28.28	0.00043
-54.45	-30.41	0.00043	-53.03	-31.82	0.00043
-51.62	-33.23	0.00043	-50.20	-34.65	0.00044
-48.79	-36.06	0.00044	-36.06	-48.79	0.00043
-34.65	-50.20	0.00043	-33.23	-51.62	0.00043
-31.82	-53.03	0.00043	-30.41	-54.45	0.00042
-28.28	-56.57	0.00042	-24.75	-60.10	0.00041
-21.21	-63.64	0.00040	-14.14	-70.71	0.00039
-7.07	-77.78	0.00037	0.00	-84.85	0.00036
7.07	-91.92	0.00035	14.14	-98.99	0.00034

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

21.21	-106.07	0.00033	28.28	-113.14	0.00032
-106.07	35.36	0.00033	-98.99	28.28	0.00035
-91.92	21.21	0.00037	-84.85	14.14	0.00039
-77.78	7.07	0.00041	-70.71	0.00	0.00042
-63.64	-7.07	0.00044	-56.57	-14.14	0.00045
-53.03	-17.68	0.00046	-49.50	-21.21	0.00046
-47.38	-23.33	0.00047	-45.96	-24.75	0.00047
-44.55	-26.16	0.00047	-43.13	-27.58	0.00047
-41.72	-28.99	0.00047	-28.99	-41.72	0.00047
-27.58	-43.13	0.00046	-26.16	-44.55	0.00046
-24.75	-45.96	0.00046	-23.33	-47.38	0.00046
-21.21	-49.50	0.00045	-17.68	-53.03	0.00044
-14.14	-56.57	0.00043	-7.07	-63.64	0.00042
0.00	-70.71	0.00040	7.07	-77.78	0.00039
14.14	-84.85	0.00038	21.21	-91.92	0.00037
28.28	-98.99	0.00036	35.36	-106.07	0.00035
-98.99	42.43	0.00035	-91.92	35.36	0.00037
-84.85	28.28	0.00040	-77.78	21.21	0.00042
-70.71	14.14	0.00043	-63.64	7.07	0.00045
-56.57	0.00	0.00047	-49.50	-7.07	0.00049
-45.96	-10.61	0.00049	-42.43	-14.14	0.00050

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:

PAGE 31

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00050	-38.89	-17.68	0.00051
-37.48	-19.09	0.00051	-36.06	-20.51	0.00051
-34.65	-21.92	0.00051	-21.92	-34.65	0.00051
-20.51	-36.06	0.00050	-19.09	-37.48	0.00050
-17.68	-38.89	0.00050	-16.26	-40.31	0.00049
-14.14	-42.43	0.00049	-10.61	-45.96	0.00048
-7.07	-49.50	0.00047	0.00	-56.57	0.00045
7.07	-63.64	0.00043	14.14	-70.71	0.00042
21.21	-77.78	0.00041	28.28	-84.85	0.00040
35.36	-91.92	0.00038	42.43	-98.99	0.00037
-91.92	49.50	0.00037	-84.85	42.43	0.00040
-77.78	35.36	0.00042	-70.71	28.28	0.00045
-63.64	21.21	0.00047	-56.57	14.14	0.00049

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-49.50	7.07	0.00051	-42.43	0.00	0.00053
-38.89	-3.54	0.00054	-35.36	-7.07	0.00054
-33.23	-9.19	0.00055	-31.82	-10.61	0.00055
-30.41	-12.02	0.00055	-28.99	-13.44	0.00055
-27.58	-14.85	0.00056	-14.85	-27.58	0.00055
-13.44	-28.99	0.00055	-12.02	-30.41	0.00054
-10.61	-31.82	0.00054	-9.19	-33.23	0.00054
-7.07	-35.36	0.00053	-3.54	-38.89	0.00052
0.00	-42.43	0.00051	7.07	-49.50	0.00048
14.14	-56.57	0.00047	21.21	-63.64	0.00045
28.28	-70.71	0.00044	35.36	-77.78	0.00042
42.43	-84.85	0.00041	49.50	-91.92	0.00039
-84.85	56.57	0.00039	-77.78	49.50	0.00042
-70.71	42.43	0.00045	-63.64	35.36	0.00048
-56.57	28.28	0.00050	-49.50	21.21	0.00053
-42.43	14.14	0.00055	-35.36	7.07	0.00057
-31.82	3.54	0.00058	-28.28	0.00	0.00059
-26.16	-2.12	0.00060	-24.75	-3.54	0.00060
-23.33	-4.95	0.00060	-21.92	-6.36	0.00061
-20.51	-7.78	0.00061	-7.78	-20.51	0.00060
-6.36	-21.92	0.00060	-4.95	-23.33	0.00059
-3.54	-24.75	0.00059	-2.12	-26.16	0.00058
0.00	-28.28	0.00058	3.54	-31.82	0.00056
7.07	-35.36	0.00055	14.14	-42.43	0.00052
21.21	-49.50	0.00051	28.28	-56.57	0.00049
35.36	-63.64	0.00047	42.43	-70.71	0.00046
49.50	-77.78	0.00044	56.57	-84.85	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
 PAGE 32
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00041	-70.71	56.57	0.00045
-63.64	49.50	0.00048	-56.57	42.43	0.00051
-49.50	35.36	0.00054	-42.43	28.28	0.00057
-35.36	21.21	0.00060	-28.28	14.14	0.00062
-24.75	10.61	0.00064	-21.21	7.07	0.00065
-19.09	4.95	0.00065	-17.68	3.54	0.00066
-16.26	2.12	0.00066	-14.85	0.71	0.00067

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-13.44	-0.71	0.00067	-0.71	-13.44	0.00066
0.71	-14.85	0.00066	2.12	-16.26	0.00065
3.54	-17.68	0.00064	4.95	-19.09	0.00064
7.07	-21.21	0.00063	10.61	-24.75	0.00061
14.14	-28.28	0.00060	21.21	-35.36	0.00057
28.28	-42.43	0.00055	35.36	-49.50	0.00053
42.43	-56.57	0.00052	49.50	-63.64	0.00049
56.57	-70.71	0.00047	63.64	-77.78	0.00045
-70.71	70.71	0.00044	-63.64	63.64	0.00048
-56.57	56.57	0.00051	-49.50	49.50	0.00055
-42.43	42.43	0.00059	-35.36	35.36	0.00062
-28.28	28.28	0.00066	-21.21	21.21	0.00069
-17.68	17.68	0.00070	-14.14	14.14	0.00071
-12.02	12.02	0.00072	-10.61	10.61	0.00073
-9.19	9.19	0.00073	-7.78	7.78	0.00073
-6.36	6.36	0.00074	6.36	-6.36	0.00073
7.78	-7.78	0.00072	9.19	-9.19	0.00072
10.61	-10.61	0.00071	12.02	-12.02	0.00070
14.14	-14.14	0.00069	17.68	-17.68	0.00067
21.21	-21.21	0.00066	28.28	-28.28	0.00063
35.36	-35.36	0.00060	42.43	-42.43	0.00058
49.50	-49.50	0.00056	56.57	-56.57	0.00054
63.64	-63.64	0.00051	70.71	-70.71	0.00048
-63.64	77.78	0.00046	-56.57	70.71	0.00050
-49.50	63.64	0.00055	-42.43	56.57	0.00059
-35.36	49.50	0.00064	-28.28	42.43	0.00068
-21.21	35.36	0.00072	-14.14	28.28	0.00075
-10.61	24.75	0.00077	-7.07	21.21	0.00079
-4.95	19.09	0.00080	-3.54	17.68	0.00080
-2.12	16.26	0.00081	-0.71	14.85	0.00081
0.71	13.44	0.00082	13.44	0.71	0.00081
14.85	-0.71	0.00080	16.26	-2.12	0.00079
17.68	-3.54	0.00078	19.09	-4.95	0.00078

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
 PAGE 33
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00076	24.75	-10.61	0.00074

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

28.28	-14.14	0.00072	35.36	-21.21	0.00069
42.43	-28.28	0.00066	49.50	-35.36	0.00064
56.57	-42.43	0.00061	63.64	-49.50	0.00058
70.71	-56.57	0.00055	77.78	-63.64	0.00051
-56.57	84.85	0.00047	-49.50	77.78	0.00053
-42.43	70.71	0.00058	-35.36	63.64	0.00064
-28.28	56.57	0.00069	-21.21	49.50	0.00074
-14.14	42.43	0.00079	-7.07	35.36	0.00083
-3.54	31.82	0.00086	0.00	28.28	0.00088
2.12	26.16	0.00089	3.54	24.75	0.00089
4.95	23.33	0.00090	6.36	21.92	0.00091
7.78	20.51	0.00091	20.51	7.78	0.00090
21.92	6.36	0.00089	23.33	4.95	0.00088
24.75	3.54	0.00087	26.16	2.12	0.00086
28.28	0.00	0.00084	31.82	-3.54	0.00082
35.36	-7.07	0.00080	42.43	-14.14	0.00076
49.50	-21.21	0.00073	56.57	-28.28	0.00070
63.64	-35.36	0.00067	70.71	-42.43	0.00063
77.78	-49.50	0.00059	84.85	-56.57	0.00054
-49.50	91.92	0.00049	-42.43	84.85	0.00055
-35.36	77.78	0.00062	-28.28	70.71	0.00069
-21.21	63.64	0.00075	-14.14	56.57	0.00082
-7.07	49.50	0.00088	0.00	42.43	0.00093
3.54	38.89	0.00095	7.07	35.36	0.00098
9.19	33.23	0.00099	10.61	31.82	0.00100
12.02	30.41	0.00101	13.44	28.99	0.00102
14.85	27.58	0.00102	27.58	14.85	0.00101
28.99	13.44	0.00100	30.41	12.02	0.00098
31.82	10.61	0.00097	33.23	9.19	0.00096
35.36	7.07	0.00094	38.89	3.54	0.00091
42.43	0.00	0.00089	49.50	-7.07	0.00085
56.57	-14.14	0.00081	63.64	-21.21	0.00077
70.71	-28.28	0.00073	77.78	-35.36	0.00068
84.85	-42.43	0.00063	91.92	-49.50	0.00057
-42.43	98.99	0.00051	-35.36	91.92	0.00058
-28.28	84.85	0.00065	-21.21	77.78	0.00074
-14.14	70.71	0.00082	-7.07	63.64	0.00090
0.00	56.57	0.00097	7.07	49.50	0.00104
10.61	45.96	0.00107	14.14	42.43	0.00110

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

18:03:23

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
16.26	40.31	0.00112	17.68	38.89	0.00113	
19.09	37.48	0.00114	20.51	36.06	0.00115	
21.92	34.65	0.00115	34.65	21.92	0.00113	
36.06	20.51	0.00112	37.48	19.09	0.00111	
38.89	17.68	0.00109	40.31	16.26	0.00108	
42.43	14.14	0.00106	45.96	10.61	0.00102	
49.50	7.07	0.00099	56.57	0.00	0.00095	
63.64	-7.07	0.00090	70.71	-14.14	0.00085	
77.78	-21.21	0.00080	84.85	-28.28	0.00073	
91.92	-35.36	0.00067	98.99	-42.43	0.00060	
-35.36	106.07	0.00052	-28.28	98.99	0.00060	
-21.21	91.92	0.00069	-14.14	84.85	0.00078	
-7.07	77.78	0.00089	0.00	70.71	0.00099	
7.07	63.64	0.00108	14.14	56.57	0.00117	
17.68	53.03	0.00120	21.21	49.50	0.00124	
23.33	47.38	0.00126	24.75	45.96	0.00128	
26.16	44.55	0.00129	27.58	43.13	0.00130	
28.99	41.72	0.00131	41.72	28.99	0.00129	
43.13	27.58	0.00127	44.55	26.16	0.00125	
45.96	24.75	0.00124	47.38	23.33	0.00122	
49.50	21.21	0.00119	53.03	17.68	0.00115	
56.57	14.14	0.00112	63.64	7.07	0.00107	
70.71	0.00	0.00101	77.78	-7.07	0.00094	
84.85	-14.14	0.00087	91.92	-21.21	0.00079	
98.99	-28.28	0.00070	106.07	-35.36	0.00063	
-28.28	113.14	0.00054	-21.21	106.07	0.00062	
-14.14	98.99	0.00072	-7.07	91.92	0.00083	
0.00	84.85	0.00095	7.07	77.78	0.00108	
14.14	70.71	0.00120	21.21	63.64	0.00132	
24.75	60.10	0.00137	28.28	56.57	0.00141	
30.41	54.45	0.00144	31.82	53.03	0.00146	
33.23	51.62	0.00148	34.65	50.20	0.00149	
36.06	48.79	0.00151	48.79	36.06	0.00147	
50.20	34.65	0.00145	51.62	33.23	0.00143	
53.03	31.82	0.00141	54.45	30.41	0.00139	
56.57	28.28	0.00136	60.10	24.75	0.00131	
63.64	21.21	0.00128	70.71	14.14	0.00121	
77.78	7.07	0.00113	84.85	0.00	0.00104	
91.92	-7.07	0.00094	98.99	-14.14	0.00084	

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

106.07 -21.21 0.00074 113.14 -28.28 0.00065

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00055	-14.14	113.14	0.00064
-7.07	106.07	0.00074	0.00	98.99	0.00087
7.07	91.92	0.00102	14.14	84.85	0.00118
21.21	77.78	0.00134	28.28	70.71	0.00149
31.82	67.18	0.00156	35.36	63.64	0.00162
37.48	61.52	0.00165	38.89	60.10	0.00168
40.31	58.69	0.00170	41.72	57.28	0.00172
43.13	55.86	0.00174	55.86	43.13	0.00170
57.28	41.72	0.00167	58.69	40.31	0.00164
60.10	38.89	0.00162	61.52	37.48	0.00159
63.64	35.36	0.00156	67.18	31.82	0.00151
70.71	28.28	0.00146	77.78	21.21	0.00137
84.85	14.14	0.00126	91.92	7.07	0.00114
98.99	0.00	0.00101	106.07	-7.07	0.00088
113.14	-14.14	0.00076	120.21	-21.21	0.00066
-14.14	127.28	0.00055	-7.07	120.21	0.00065
0.00	113.14	0.00077	7.07	106.07	0.00091
14.14	98.99	0.00108	21.21	91.92	0.00128
28.28	84.85	0.00149	35.36	77.78	0.00169
38.89	74.25	0.00178	42.43	70.71	0.00187
44.55	68.59	0.00191	45.96	67.18	0.00194
47.38	65.76	0.00197	48.79	64.35	0.00200
50.20	62.93	0.00203	62.93	50.20	0.00197
64.35	48.79	0.00194	65.76	47.38	0.00190
67.18	45.96	0.00187	68.59	44.55	0.00184
70.71	42.43	0.00180	74.25	38.89	0.00174
77.78	35.36	0.00169	84.85	28.28	0.00156
91.92	21.21	0.00140	98.99	14.14	0.00123
106.07	7.07	0.00107	113.14	0.00	0.00091
120.21	-7.07	0.00078	127.28	-14.14	0.00067
-7.07	134.35	0.00056	0.00	127.28	0.00066
7.07	120.21	0.00078	14.14	113.14	0.00094
21.21	106.07	0.00113	28.28	98.99	0.00136

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

35.36	91.92	0.00163	42.43	84.85	0.00191
45.96	81.32	0.00204	49.50	77.78	0.00216
51.62	75.66	0.00222	53.03	74.25	0.00226
54.45	72.83	0.00230	55.86	71.42	0.00234
57.28	70.00	0.00238	70.00	57.28	0.00231
71.42	55.86	0.00227	72.83	54.45	0.00222
74.25	53.03	0.00219	75.66	51.62	0.00215

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00211	81.32	45.96	0.00203
84.85	42.43	0.00195	91.92	35.36	0.00176
98.99	28.28	0.00154	106.07	21.21	0.00132
113.14	14.14	0.00111	120.21	7.07	0.00094
127.28	0.00	0.00079	134.35	-7.07	0.00067
0.00	141.42	0.00055	7.07	134.35	0.00066
14.14	127.28	0.00079	21.21	120.21	0.00096
28.28	113.14	0.00117	35.36	106.07	0.00143
42.43	98.99	0.00176	49.50	91.92	0.00213
53.03	88.39	0.00232	56.57	84.85	0.00249
58.69	82.73	0.00259	60.10	81.32	0.00264
61.52	79.90	0.00270	62.93	78.49	0.00275
64.35	77.07	0.00280	77.07	64.35	0.00273
78.49	62.93	0.00267	79.90	61.52	0.00262
81.32	60.10	0.00258	82.73	58.69	0.00254
84.85	56.57	0.00248	88.39	53.03	0.00237
91.92	49.50	0.00225	98.99	42.43	0.00196
106.07	35.36	0.00165	113.14	28.28	0.00138
120.21	21.21	0.00114	127.28	14.14	0.00095
134.35	7.07	0.00079	141.42	0.00	0.00066
7.07	148.49	0.00054	14.14	141.42	0.00065
21.21	134.35	0.00079	28.28	127.28	0.00096
35.36	120.21	0.00119	42.43	113.14	0.00149
49.50	106.07	0.00186	56.57	98.99	0.00232
60.10	95.46	0.00257	63.64	91.92	0.00284
65.76	89.80	0.00299	67.18	88.39	0.00308
68.59	86.97	0.00316	70.00	85.56	0.00324

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

71.42	84.15	0.00332	84.15	71.42	0.00324
85.56	70.00	0.00318	86.97	68.59	0.00312
88.39	67.18	0.00307	89.80	65.76	0.00301
91.92	63.64	0.00292	95.46	60.10	0.00274
98.99	56.57	0.00254	106.07	49.50	0.00212
113.14	42.43	0.00174	120.21	35.36	0.00142
127.28	28.28	0.00115	134.35	21.21	0.00095
141.42	14.14	0.00078	148.49	7.07	0.00065
14.14	155.56	0.00054	21.21	148.49	0.00064
28.28	141.42	0.00077	35.36	134.35	0.00095
42.43	127.28	0.00119	49.50	120.21	0.00150
56.57	113.14	0.00191	63.64	106.07	0.00244
67.18	102.53	0.00277	70.71	98.99	0.00312

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00335	74.25	95.46	0.00351
75.66	94.05	0.00366	77.07	92.63	0.00380
78.49	91.22	0.00393	91.22	78.49	0.00392
92.63	77.07	0.00383	94.05	75.66	0.00373
95.46	74.25	0.00363	96.87	72.83	0.00352
98.99	70.71	0.00335	102.53	67.18	0.00305
106.07	63.64	0.00275	113.14	56.57	0.00222
120.21	49.50	0.00178	127.28	42.43	0.00142
134.35	35.36	0.00114	141.42	28.28	0.00093
148.49	21.21	0.00076	155.56	14.14	0.00062
21.21	162.63	0.00053	28.28	155.56	0.00063
35.36	148.49	0.00076	42.43	141.42	0.00094
49.50	134.35	0.00117	56.57	127.28	0.00149
63.64	120.21	0.00192	70.71	113.14	0.00249
74.25	109.60	0.00285	77.78	106.07	0.00327
79.90	103.94	0.00356	81.32	102.53	0.00377
82.73	101.12	0.00400	84.15	99.70	0.00427
85.56	98.29	0.00456	98.29	85.56	0.00472
99.70	84.15	0.00449	101.12	82.73	0.00426
102.53	81.32	0.00406	103.94	79.90	0.00388
106.07	77.78	0.00361	109.60	74.25	0.00321

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

113.14	70.71	0.00285	120.21	63.64	0.00224
127.28	56.57	0.00176	134.35	49.50	0.00139
141.42	42.43	0.00110	148.49	35.36	0.00089
155.56	28.28	0.00072	162.63	21.21	0.00059
28.28	169.71	0.00053	35.36	162.63	0.00063
42.43	155.56	0.00076	49.50	148.49	0.00093
56.57	141.42	0.00117	63.64	134.35	0.00149
70.71	127.28	0.00194	77.78	120.21	0.00255
81.32	116.67	0.00294	84.85	113.14	0.00343
86.97	111.02	0.00378	88.39	109.60	0.00404
89.80	108.19	0.00436	91.22	106.77	0.00477
92.63	105.36	0.00532	105.36	92.63	0.00501
106.77	91.22	0.00468	108.19	89.80	0.00440
109.60	88.39	0.00417	111.02	86.97	0.00395
113.14	84.85	0.00365	116.67	81.32	0.00322
120.21	77.78	0.00283	127.28	70.71	0.00219
134.35	63.64	0.00170	141.42	56.57	0.00132
148.49	49.50	0.00104	155.56	42.43	0.00083
162.63	35.36	0.00067	169.71	28.28	0.00055

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

18:03:23

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00053	42.43	169.71	0.00064
49.50	162.63	0.00077	56.57	155.56	0.00095
63.64	148.49	0.00120	70.71	141.42	0.00155
77.78	134.35	0.00207	84.85	127.28	0.00287
88.39	123.74	0.00346	91.92	120.21	0.00426
94.05	118.09	0.00486	95.46	116.67	0.00532
96.87	115.26	0.00583	98.29	113.84	0.00640
99.70	112.43	0.00705	112.43	99.70	0.00522
113.84	98.29	0.00480	115.26	96.87	0.00446
116.67	95.46	0.00418	118.09	94.05	0.00394
120.21	91.92	0.00361	123.74	88.39	0.00314
127.28	84.85	0.00274	134.35	77.78	0.00208
141.42	70.71	0.00159	148.49	63.64	0.00123
155.56	56.57	0.00096	162.63	49.50	0.00077
169.71	42.43	0.00062	176.78	35.36	0.00051

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

42.43	183.85	0.00055	49.50	176.78	0.00066
56.57	169.71	0.00081	63.64	162.63	0.00101
70.71	155.56	0.00129	77.78	148.49	0.00171
84.85	141.42	0.00239	91.92	134.35	0.00350
95.46	130.81	0.00427	98.99	127.28	0.00519
101.12	125.16	0.00582	102.53	123.74	0.00626
103.94	122.33	0.00673	105.36	120.92	0.00725
106.77	119.50	0.00785	119.50	106.77	0.00538
120.92	105.36	0.00491	122.33	103.94	0.00453
123.74	102.53	0.00421	125.16	101.12	0.00393
127.28	98.99	0.00355	130.81	95.46	0.00303
134.35	91.92	0.00260	141.42	84.85	0.00193
148.49	77.78	0.00145	155.56	70.71	0.00111
162.63	63.64	0.00087	169.71	56.57	0.00069
176.78	49.50	0.00057	183.85	42.43	0.00047
49.50	190.92	0.00059	56.57	183.85	0.00071
63.64	176.78	0.00088	70.71	169.71	0.00112
77.78	162.63	0.00146	84.85	155.56	0.00199
91.92	148.49	0.00281	98.99	141.42	0.00403
102.53	137.89	0.00480	106.07	134.35	0.00567
108.19	132.23	0.00625	109.60	130.81	0.00666
111.02	129.40	0.00710	112.43	127.99	0.00759
113.84	126.57	0.00815	126.57	113.84	0.00539
127.99	112.43	0.00489	129.40	111.02	0.00449
130.81	109.60	0.00415	132.23	108.19	0.00384

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00345	137.89	102.53	0.00289
141.42	98.99	0.00243	148.49	91.92	0.00175
155.56	84.85	0.00130	162.63	77.78	0.00099
169.71	70.71	0.00077	176.78	63.64	0.00062
183.85	56.57	0.00051	190.92	49.50	0.00043
56.57	197.99	0.00064	63.64	190.92	0.00079
70.71	183.85	0.00099	77.78	176.78	0.00128
84.85	169.71	0.00169	91.92	162.63	0.00230
98.99	155.56	0.00315	106.07	148.49	0.00430

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

109.60	144.96	0.00501	113.14	141.42	0.00581
115.26	139.30	0.00635	116.67	137.89	0.00674
118.09	136.47	0.00717	119.50	135.06	0.00764
120.92	133.64	0.00818	133.64	120.92	0.00525
135.06	119.50	0.00474	136.47	118.09	0.00432
137.89	116.67	0.00396	139.30	115.26	0.00365
141.42	113.14	0.00324	144.96	109.60	0.00267
148.49	106.07	0.00221	155.56	98.99	0.00155
162.63	91.92	0.00114	169.71	84.85	0.00087
176.78	77.78	0.00068	183.85	70.71	0.00055
190.92	63.64	0.00046	197.99	56.57	0.00038
63.64	205.06	0.00072	70.71	197.99	0.00090
77.78	190.92	0.00113	84.85	183.85	0.00146
91.92	176.78	0.00193	98.99	169.71	0.00255
106.07	162.63	0.00336	113.14	155.56	0.00439
116.67	152.03	0.00501	120.21	148.49	0.00574
122.33	146.37	0.00625	123.74	144.96	0.00662
125.16	143.54	0.00702	126.57	142.13	0.00746
127.99	140.71	0.00798	140.71	127.99	0.00496
142.13	126.57	0.00443	143.54	125.16	0.00401
144.96	123.74	0.00365	146.37	122.33	0.00333
148.49	120.21	0.00291	152.03	116.67	0.00236
155.56	113.14	0.00193	162.63	106.07	0.00134
169.71	98.99	0.00099	176.78	91.92	0.00076
183.85	84.85	0.00060	190.92	77.78	0.00049
197.99	70.71	0.00041	205.06	63.64	0.00034
70.71	212.13	0.00083	77.78	205.06	0.00103
84.85	197.99	0.00130	91.92	190.92	0.00166
98.99	183.85	0.00213	106.07	176.78	0.00273
113.14	169.71	0.00347	120.21	162.63	0.00439
123.74	159.10	0.00492	127.28	155.56	0.00556

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00600	130.81	152.03	0.00633
132.23	150.61	0.00669	133.64	149.20	0.00710
135.06	147.79	0.00759	147.79	135.06	0.00449

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

149.20	133.64	0.00396	150.61	132.23	0.00354
152.03	130.81	0.00319	153.44	129.40	0.00288
155.56	127.28	0.00248	159.10	123.74	0.00198
162.63	120.21	0.00163	169.71	113.14	0.00115
176.78	106.07	0.00086	183.85	98.99	0.00067
190.92	91.92	0.00053	197.99	84.85	0.00043
205.06	77.78	0.00036	212.13	70.71	0.00030
77.78	219.20	0.00094	84.85	212.13	0.00116
91.92	205.06	0.00145	98.99	197.99	0.00182
106.07	190.92	0.00229	113.14	183.85	0.00285
120.21	176.78	0.00353	127.28	169.71	0.00434
130.81	166.17	0.00481	134.35	162.63	0.00535
136.47	160.51	0.00570	137.89	159.10	0.00596
139.30	157.68	0.00626	140.71	156.27	0.00660
142.13	154.86	0.00702	154.86	142.13	0.00381
156.27	140.71	0.00331	157.68	139.30	0.00291
159.10	137.89	0.00260	160.51	136.47	0.00234
162.63	134.35	0.00202	166.17	130.81	0.00163
169.71	127.28	0.00136	176.78	120.21	0.00099
183.85	113.14	0.00075	190.92	106.07	0.00059
197.99	98.99	0.00047	205.06	91.92	0.00039
212.13	84.85	0.00032	219.20	77.78	0.00027
84.85	226.27	0.00105	91.92	219.20	0.00128
98.99	212.13	0.00158	106.07	205.06	0.00195
113.14	197.99	0.00240	120.21	190.92	0.00294
127.28	183.85	0.00357	134.35	176.78	0.00432
137.89	173.24	0.00474	141.42	169.71	0.00519
143.54	167.58	0.00548	144.96	166.17	0.00568
146.37	164.76	0.00589	147.79	163.34	0.00613
149.20	161.93	0.00640	161.93	149.20	0.00295
163.34	147.79	0.00259	164.76	146.37	0.00231
166.17	144.96	0.00209	167.58	143.54	0.00191
169.71	141.42	0.00168	173.24	137.89	0.00139
176.78	134.35	0.00117	183.85	127.28	0.00087
190.92	120.21	0.00067	197.99	113.14	0.00053
205.06	106.07	0.00043	212.13	98.99	0.00035
219.20	91.92	0.00030	226.27	84.85	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC		X-COORD (M)	Y-COORD (M)	CONC	**
91.92	233.35	0.00114		98.99	226.27	0.00138	
106.07	219.20	0.00167		113.14	212.13	0.00203	
120.21	205.06	0.00245		127.28	197.99	0.00295	
134.35	190.92	0.00354		141.42	183.85	0.00422	
144.96	180.31	0.00459		148.49	176.78	0.00498	
150.61	174.66	0.00520		152.03	173.24	0.00533	
153.44	171.83	0.00545		154.86	170.41	0.00554	
156.27	169.00	0.00555		169.00	156.27	0.00252	
170.41	154.86	0.00227		171.83	153.44	0.00206	
173.24	152.03	0.00188		174.66	150.61	0.00172	
176.78	148.49	0.00153		180.31	144.96	0.00127	
183.85	141.42	0.00107		190.92	134.35	0.00080	
197.99	127.28	0.00062		205.06	120.21	0.00049	
212.13	113.14	0.00040		219.20	106.07	0.00033	
226.27	98.99	0.00028		233.35	91.92	0.00024	
98.99	240.42	0.00121		106.07	233.35	0.00144	
113.14	226.27	0.00172		120.21	219.20	0.00205	
127.28	212.13	0.00243		134.35	205.06	0.00286	
141.42	197.99	0.00334		148.49	190.92	0.00381	
152.03	187.38	0.00397		155.56	183.85	0.00402	
157.68	181.73	0.00398		159.10	180.31	0.00392	
160.51	178.90	0.00384		161.93	177.48	0.00375	
163.34	176.07	0.00364		176.07	163.34	0.00213	
177.48	161.93	0.00197		178.90	160.51	0.00182	
180.31	159.10	0.00169		181.73	157.68	0.00157	
183.85	155.56	0.00141		187.38	152.03	0.00119	
190.92	148.49	0.00101		197.99	141.42	0.00076	
205.06	134.35	0.00059		212.13	127.28	0.00047	
219.20	120.21	0.00038		226.27	113.14	0.00031	
233.35	106.07	0.00026		240.42	98.99	0.00022	
106.07	247.49	0.00125		113.14	240.42	0.00147	
120.21	233.35	0.00172		127.28	226.27	0.00200	
134.35	219.20	0.00232		141.42	212.13	0.00264	
148.49	205.06	0.00292		155.56	197.99	0.00303	
159.10	194.45	0.00299		162.63	190.92	0.00289	
164.76	188.80	0.00282		166.17	187.38	0.00277	
167.58	185.97	0.00272		169.00	184.55	0.00267	
170.41	183.14	0.00261		183.14	170.41	0.00173	
184.55	169.00	0.00163		185.97	167.58	0.00153	
187.38	166.17	0.00144		188.80	164.76	0.00136	

04/20/08

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00124	194.45	159.10	0.00107
197.99	155.56	0.00093	205.06	148.49	0.00071
212.13	141.42	0.00056	219.20	134.35	0.00045
226.27	127.28	0.00037	233.35	120.21	0.00030
240.42	113.14	0.00025	247.49	106.07	0.00021

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00019	-240.42	-113.14	0.00020
-233.35	-120.21	0.00020	-226.27	-127.28	0.00021
-219.20	-134.35	0.00021	-212.13	-141.42	0.00022
-205.06	-148.49	0.00022	-197.99	-155.56	0.00023
-194.45	-159.10	0.00023	-190.92	-162.63	0.00023
-188.80	-164.76	0.00023	-187.38	-166.17	0.00023
-185.97	-167.58	0.00023	-184.55	-169.00	0.00023
-183.14	-170.41	0.00023	-170.41	-183.14	0.00023
-169.00	-184.55	0.00023	-167.58	-185.97	0.00023
-166.17	-187.38	0.00023	-164.76	-188.80	0.00023
-162.63	-190.92	0.00023	-159.10	-194.45	0.00022
-155.56	-197.99	0.00022	-148.49	-205.06	0.00021
-141.42	-212.13	0.00021	-134.35	-219.20	0.00020
-127.28	-226.27	0.00020	-120.21	-233.35	0.00019
-113.14	-240.42	0.00019	-106.07	-247.49	0.00019
-240.42	-98.99	0.00020	-233.35	-106.07	0.00021
-226.27	-113.14	0.00021	-219.20	-120.21	0.00022
-212.13	-127.28	0.00022	-205.06	-134.35	0.00023
-197.99	-141.42	0.00023	-190.92	-148.49	0.00024
-187.38	-152.03	0.00024	-183.85	-155.56	0.00024

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-181.73	-157.68	0.00024	-180.31	-159.10	0.00024
-178.90	-160.51	0.00024	-177.48	-161.93	0.00024
-176.07	-163.34	0.00024	-163.34	-176.07	0.00024
-161.93	-177.48	0.00024	-160.51	-178.90	0.00024
-159.10	-180.31	0.00024	-157.68	-181.73	0.00024
-155.56	-183.85	0.00024	-152.03	-187.38	0.00024
-148.49	-190.92	0.00023	-141.42	-197.99	0.00023
-134.35	-205.06	0.00022	-127.28	-212.13	0.00021
-120.21	-219.20	0.00021	-113.14	-226.27	0.00020
-106.07	-233.35	0.00020	-98.99	-240.42	0.00020
-233.35	-91.92	0.00021	-226.27	-99.00	0.00022
-219.20	-106.07	0.00022	-212.13	-113.14	0.00023
-205.06	-120.21	0.00024	-197.99	-127.28	0.00024
-190.92	-134.35	0.00025	-183.85	-141.42	0.00025
-180.31	-144.96	0.00025	-176.78	-148.49	0.00026
-174.66	-150.61	0.00026	-173.24	-152.03	0.00026
-171.83	-153.44	0.00026	-170.41	-154.86	0.00026
-169.00	-156.27	0.00026	-156.27	-169.00	0.00026
-154.86	-170.41	0.00026	-153.44	-171.83	0.00026
-152.03	-173.24	0.00025	-150.61	-174.66	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00025	-144.96	-180.31	0.00025
-141.42	-183.85	0.00025	-134.35	-190.92	0.00024
-127.28	-197.99	0.00023	-120.21	-205.06	0.00022
-113.14	-212.13	0.00022	-106.07	-219.20	0.00021
-98.99	-226.27	0.00021	-91.92	-233.35	0.00021
-226.27	-84.85	0.00022	-219.20	-91.92	0.00023
-212.13	-99.00	0.00024	-205.06	-106.07	0.00024
-197.99	-113.14	0.00025	-190.92	-120.21	0.00025
-183.85	-127.28	0.00026	-176.78	-134.35	0.00027
-173.24	-137.89	0.00027	-169.71	-141.42	0.00027
-167.58	-143.54	0.00027	-166.17	-144.96	0.00027
-164.76	-146.37	0.00027	-163.34	-147.79	0.00027
-161.93	-149.20	0.00027	-149.20	-161.93	0.00027
-147.79	-163.34	0.00027	-146.37	-164.76	0.00027

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-144.96	-166.17	0.00027	-143.54	-167.58	0.00027
-141.42	-169.71	0.00027	-137.89	-173.24	0.00026
-134.35	-176.78	0.00026	-127.28	-183.85	0.00025
-120.21	-190.92	0.00024	-113.14	-197.99	0.00024
-106.07	-205.06	0.00023	-98.99	-212.13	0.00023
-91.92	-219.20	0.00022	-84.85	-226.27	0.00022
-219.20	-77.78	0.00023	-212.13	-84.85	0.00024
-205.06	-91.92	0.00025	-197.99	-99.00	0.00026
-190.92	-106.07	0.00026	-183.85	-113.14	0.00027
-176.78	-120.21	0.00028	-169.71	-127.28	0.00028
-166.17	-130.81	0.00028	-162.63	-134.35	0.00029
-160.51	-136.47	0.00029	-159.10	-137.89	0.00029
-157.68	-139.30	0.00029	-156.27	-140.71	0.00029
-154.86	-142.13	0.00029	-142.13	-154.86	0.00029
-140.71	-156.27	0.00029	-139.30	-157.68	0.00029
-137.89	-159.10	0.00029	-136.47	-160.51	0.00028
-134.35	-162.63	0.00028	-130.81	-166.17	0.00028
-127.28	-169.71	0.00027	-120.21	-176.78	0.00027
-113.14	-183.85	0.00026	-106.07	-190.92	0.00025
-98.99	-197.99	0.00024	-91.92	-205.06	0.00024
-84.85	-212.13	0.00023	-77.78	-219.20	0.00023
-212.13	-70.71	0.00024	-205.06	-77.78	0.00025
-197.99	-84.85	0.00026	-190.92	-91.92	0.00027
-183.85	-98.99	0.00028	-176.78	-106.07	0.00028
-169.71	-113.14	0.00029	-162.63	-120.21	0.00030
-159.10	-123.74	0.00030	-155.56	-127.28	0.00031

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00031	-152.03	-130.81	0.00031
-150.61	-132.23	0.00031	-149.20	-133.64	0.00031
-147.79	-135.06	0.00031	-135.06	-147.79	0.00031
-133.64	-149.20	0.00031	-132.23	-150.61	0.00030
-130.81	-152.03	0.00030	-129.40	-153.44	0.00030
-127.28	-155.56	0.00030	-123.74	-159.10	0.00030
-120.21	-162.63	0.00029	-113.14	-169.71	0.00028
-106.07	-176.78	0.00027	-98.99	-183.85	0.00026

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-91.92	-190.92	0.00026	-84.85	-197.99	0.00025
-77.78	-205.06	0.00025	-70.71	-212.13	0.00024
-205.06	-63.64	0.00026	-197.99	-70.71	0.00027
-190.92	-77.78	0.00028	-183.85	-84.85	0.00029
-176.78	-91.92	0.00029	-169.71	-98.99	0.00030
-162.63	-106.07	0.00031	-155.56	-113.14	0.00032
-152.03	-116.67	0.00032	-148.49	-120.21	0.00032
-146.37	-122.33	0.00033	-144.96	-123.74	0.00033
-143.54	-125.16	0.00033	-142.13	-126.57	0.00033
-140.71	-127.99	0.00033	-127.99	-140.71	0.00033
-126.57	-142.13	0.00033	-125.16	-143.54	0.00032
-123.74	-144.96	0.00032	-122.33	-146.37	0.00032
-120.21	-148.49	0.00032	-116.67	-152.03	0.00031
-113.14	-155.56	0.00031	-106.07	-162.63	0.00030
-98.99	-169.71	0.00029	-91.92	-176.78	0.00028
-84.85	-183.85	0.00027	-77.78	-190.92	0.00027
-70.71	-197.99	0.00026	-63.64	-205.06	0.00026
-197.99	-56.57	0.00027	-190.92	-63.64	0.00028
-183.85	-70.71	0.00029	-176.78	-77.78	0.00030
-169.71	-84.85	0.00031	-162.63	-91.92	0.00032
-155.56	-98.99	0.00033	-148.49	-106.07	0.00034
-144.96	-109.60	0.00034	-141.42	-113.14	0.00035
-139.30	-115.26	0.00035	-137.89	-116.67	0.00035
-136.47	-118.09	0.00035	-135.06	-119.50	0.00035
-133.64	-120.92	0.00035	-120.92	-133.64	0.00035
-119.50	-135.06	0.00035	-118.09	-136.47	0.00035
-116.67	-137.89	0.00034	-115.26	-139.30	0.00034
-113.14	-141.42	0.00034	-109.60	-144.96	0.00033
-106.07	-148.49	0.00033	-98.99	-155.56	0.00032
-91.92	-162.63	0.00031	-84.85	-169.71	0.00030
-77.78	-176.78	0.00029	-70.71	-183.85	0.00028
-63.64	-190.92	0.00028	-56.57	-197.99	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTS:
 PAGE 46
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00029	-183.85	-56.57	0.00030
-176.78	-63.64	0.00031	-169.71	-70.71	0.00032

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-162.63	-77.78	0.00033	-155.56	-84.85	0.00034
-148.49	-91.92	0.00035	-141.42	-98.99	0.00036
-137.89	-102.53	0.00037	-134.35	-106.07	0.00037
-132.23	-108.19	0.00037	-130.81	-109.60	0.00037
-129.40	-111.02	0.00038	-127.99	-112.43	0.00038
-126.57	-113.84	0.00038	-113.84	-126.57	0.00037
-112.43	-127.99	0.00037	-111.02	-129.40	0.00037
-109.60	-130.81	0.00037	-108.19	-132.23	0.00037
-106.07	-134.35	0.00036	-102.53	-137.89	0.00036
-98.99	-141.42	0.00035	-91.92	-148.49	0.00034
-84.85	-155.56	0.00033	-77.78	-162.63	0.00032
-70.71	-169.71	0.00031	-63.64	-176.78	0.00030
-56.57	-183.85	0.00029	-49.50	-190.92	0.00029
-183.85	-42.43	0.00030	-176.78	-49.50	0.00032
-169.71	-56.57	0.00033	-162.63	-63.64	0.00034
-155.56	-70.71	0.00035	-148.49	-77.78	0.00037
-141.42	-84.85	0.00038	-134.35	-91.92	0.00039
-130.81	-95.46	0.00039	-127.28	-98.99	0.00040
-125.16	-101.12	0.00040	-123.74	-102.53	0.00040
-122.33	-103.94	0.00040	-120.92	-105.36	0.00040
-119.50	-106.77	0.00040	-106.77	-119.50	0.00040
-105.36	-120.92	0.00040	-103.94	-122.33	0.00040
-102.53	-123.74	0.00040	-101.12	-125.16	0.00039
-98.99	-127.28	0.00039	-95.46	-130.81	0.00038
-91.92	-134.35	0.00038	-84.85	-141.42	0.00036
-77.78	-148.49	0.00035	-70.71	-155.56	0.00034
-63.64	-162.63	0.00033	-56.57	-169.71	0.00032
-49.50	-176.78	0.00031	-42.43	-183.85	0.00030
-176.78	-35.36	0.00032	-169.71	-42.43	0.00033
-162.63	-49.50	0.00035	-155.56	-56.57	0.00036
-148.49	-63.64	0.00038	-141.42	-70.71	0.00039
-134.35	-77.78	0.00040	-127.28	-84.85	0.00042
-123.74	-88.39	0.00042	-120.21	-91.92	0.00043
-118.09	-94.05	0.00043	-116.67	-95.46	0.00043
-115.26	-96.87	0.00043	-113.84	-98.29	0.00044
-112.43	-99.70	0.00044	-99.70	-112.43	0.00043
-98.29	-113.84	0.00043	-96.87	-115.26	0.00043
-95.46	-116.67	0.00043	-94.05	-118.09	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00042	-88.39	-123.74	0.00041
-84.85	-127.28	0.00040	-77.78	-134.35	0.00039
-70.71	-141.42	0.00037	-63.64	-148.49	0.00036
-56.57	-155.56	0.00035	-49.50	-162.63	0.00034
-42.43	-169.71	0.00033	-35.36	-176.78	0.00032
-169.71	-28.28	0.00033	-162.63	-35.36	0.00035
-155.56	-42.43	0.00037	-148.49	-49.50	0.00039
-141.42	-56.57	0.00041	-134.35	-63.64	0.00042
-127.28	-70.71	0.00044	-120.21	-77.78	0.00045
-116.67	-81.32	0.00046	-113.14	-84.85	0.00046
-111.02	-86.97	0.00047	-109.60	-88.39	0.00047
-108.19	-89.80	0.00047	-106.77	-91.22	0.00047
-105.36	-92.63	0.00047	-92.63	-105.36	0.00047
-91.22	-106.77	0.00046	-89.80	-108.19	0.00046
-88.39	-109.60	0.00046	-86.97	-111.02	0.00046
-84.85	-113.14	0.00045	-81.32	-116.67	0.00044
-77.78	-120.21	0.00043	-70.71	-127.28	0.00042
-63.64	-134.35	0.00040	-56.57	-141.42	0.00039
-49.50	-148.49	0.00038	-42.43	-155.56	0.00037
-35.36	-162.63	0.00036	-28.28	-169.71	0.00035
-162.63	-21.21	0.00035	-155.56	-28.28	0.00037
-148.49	-35.36	0.00040	-141.42	-42.43	0.00042
-134.35	-49.50	0.00043	-127.28	-56.57	0.00045
-120.21	-63.64	0.00047	-113.14	-70.71	0.00049
-109.60	-74.25	0.00049	-106.07	-77.78	0.00050
-103.94	-79.90	0.00050	-102.53	-81.32	0.00051
-101.12	-82.73	0.00051	-99.70	-84.15	0.00051
-98.29	-85.56	0.00051	-85.56	-98.29	0.00051
-84.15	-99.70	0.00050	-82.73	-101.12	0.00050
-81.32	-102.53	0.00050	-79.90	-103.94	0.00049
-77.78	-106.07	0.00049	-74.25	-109.60	0.00048
-70.71	-113.14	0.00047	-63.64	-120.21	0.00045
-56.57	-127.28	0.00043	-49.50	-134.35	0.00042
-42.43	-141.42	0.00041	-35.36	-148.49	0.00040
-28.28	-155.56	0.00038	-21.21	-162.63	0.00037
-155.56	-14.14	0.00037	-148.49	-21.21	0.00040
-141.42	-28.28	0.00042	-134.35	-35.36	0.00045
-127.28	-42.43	0.00047	-120.21	-49.50	0.00049
-113.14	-56.57	0.00051	-106.07	-63.64	0.00053
-102.53	-67.18	0.00054	-98.99	-70.71	0.00054

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

18:03:23

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00055	-95.46	-74.25	0.00055
-94.05	-75.66	0.00055	-92.63	-77.07	0.00055
-91.22	-78.49	0.00056	-78.49	-91.22	0.00055
-77.07	-92.63	0.00055	-75.66	-94.05	0.00054
-74.25	-95.46	0.00054	-72.83	-96.87	0.00054
-70.71	-98.99	0.00053	-67.18	-102.53	0.00052
-63.64	-106.07	0.00051	-56.57	-113.14	0.00048
-49.50	-120.21	0.00047	-42.43	-127.28	0.00045
-35.36	-134.35	0.00044	-28.28	-141.42	0.00042
-21.21	-148.49	0.00041	-14.14	-155.56	0.00039
-148.49	-7.07	0.00039	-141.42	-14.14	0.00042
-134.35	-21.21	0.00045	-127.28	-28.28	0.00048
-120.21	-35.36	0.00050	-113.14	-42.43	0.00053
-106.07	-49.50	0.00055	-98.99	-56.57	0.00057
-95.46	-60.10	0.00058	-91.92	-63.64	0.00059
-89.80	-65.76	0.00060	-88.39	-67.18	0.00060
-86.97	-68.59	0.00060	-85.56	-70.00	0.00061
-84.15	-71.42	0.00061	-71.42	-84.15	0.00060
-70.00	-85.56	0.00060	-68.59	-86.97	0.00059
-67.18	-88.39	0.00059	-65.76	-89.80	0.00058
-63.64	-91.92	0.00058	-60.10	-95.46	0.00056
-56.57	-98.99	0.00055	-49.50	-106.07	0.00052
-42.43	-113.14	0.00051	-35.36	-120.21	0.00049
-28.28	-127.28	0.00047	-21.21	-134.35	0.00046
-14.14	-141.42	0.00044	-7.07	-148.49	0.00042
-141.42	0.00	0.00041	-134.35	-7.07	0.00045
-127.28	-14.14	0.00048	-120.21	-21.21	0.00051
-113.14	-28.28	0.00054	-106.07	-35.36	0.00057
-98.99	-42.43	0.00060	-91.92	-49.50	0.00062
-88.39	-53.03	0.00064	-84.85	-56.57	0.00065
-82.73	-58.69	0.00065	-81.32	-60.10	0.00066
-79.90	-61.52	0.00066	-78.49	-62.93	0.00067
-77.07	-64.35	0.00067	-64.35	-77.07	0.00066
-62.93	-78.49	0.00066	-61.52	-79.90	0.00065

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-60.10	-81.32	0.00064	-58.69	-82.73	0.00064
-56.57	-84.85	0.00063	-53.03	-88.39	0.00061
-49.50	-91.92	0.00060	-42.43	-98.99	0.00057
-35.36	-106.07	0.00055	-28.28	-113.14	0.00053
-21.21	-120.21	0.00052	-14.14	-127.28	0.00049
-7.07	-134.35	0.00047	0.00	-141.42	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
 PAGE 49
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00044	-127.28	0.00	0.00048
-120.21	-7.07	0.00051	-113.14	-14.14	0.00055
-106.07	-21.21	0.00059	-98.99	-28.28	0.00062
-91.92	-35.36	0.00066	-84.85	-42.43	0.00069
-81.32	-45.96	0.00070	-77.78	-49.50	0.00071
-75.66	-51.62	0.00072	-74.25	-53.03	0.00073
-72.83	-54.45	0.00073	-71.42	-55.86	0.00073
-70.00	-57.28	0.00074	-57.28	-70.00	0.00073
-55.86	-71.42	0.00072	-54.45	-72.83	0.00072
-53.03	-74.25	0.00071	-51.62	-75.66	0.00070
-49.50	-77.78	0.00069	-45.96	-81.32	0.00067
-42.43	-84.85	0.00066	-35.36	-91.92	0.00063
-28.28	-98.99	0.00060	-21.21	-106.07	0.00058
-14.14	-113.14	0.00056	-7.07	-120.21	0.00054
0.00	-127.28	0.00051	7.07	-134.35	0.00048
-127.28	14.14	0.00046	-120.21	7.07	0.00050
-113.14	0.00	0.00055	-106.07	-7.07	0.00059
-98.99	-14.14	0.00064	-91.92	-21.21	0.00068
-84.85	-28.28	0.00072	-77.78	-35.36	0.00075
-74.25	-38.89	0.00077	-70.71	-42.43	0.00079
-68.59	-44.55	0.00080	-67.18	-45.96	0.00080
-65.76	-47.38	0.00081	-64.35	-48.79	0.00081
-62.93	-50.20	0.00082	-50.20	-62.93	0.00081
-48.79	-64.35	0.00080	-47.38	-65.76	0.00079
-45.96	-67.18	0.00078	-44.55	-68.59	0.00078
-42.43	-70.71	0.00076	-38.89	-74.25	0.00074
-35.36	-77.78	0.00072	-28.28	-84.85	0.00069
-21.21	-91.92	0.00066	-14.14	-98.99	0.00064

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-7.07	-106.07	0.00061	0.00	-113.14	0.00058
7.07	-120.21	0.00055	14.14	-127.28	0.00051
-120.21	21.21	0.00047	-113.14	14.14	0.00053
-106.07	7.07	0.00058	-98.99	0.00	0.00064
-91.92	-7.07	0.00069	-84.85	-14.14	0.00074
-77.78	-21.21	0.00079	-70.71	-28.28	0.00083
-67.18	-31.82	0.00086	-63.64	-35.36	0.00088
-61.52	-37.48	0.00089	-60.10	-38.89	0.00089
-58.69	-40.31	0.00090	-57.28	-41.72	0.00091
-55.86	-43.13	0.00091	-43.13	-55.86	0.00090
-41.72	-57.28	0.00089	-40.31	-58.69	0.00088
-38.89	-60.10	0.00087	-37.48	-61.52	0.00086

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

18:03:23

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00084	-31.82	-67.18	0.00082
-28.28	-70.71	0.00080	-21.21	-77.78	0.00076
-14.14	-84.85	0.00073	-7.07	-91.92	0.00070
0.00	-98.99	0.00067	7.07	-106.07	0.00063
14.14	-113.14	0.00059	21.21	-120.21	0.00054
-113.14	28.28	0.00049	-106.07	21.21	0.00055
-98.99	14.14	0.00062	-91.92	7.07	0.00069
-84.85	0.00	0.00075	-77.78	-7.07	0.00082
-70.71	-14.14	0.00088	-63.64	-21.21	0.00093
-60.10	-24.75	0.00095	-56.57	-28.28	0.00098
-54.45	-30.41	0.00099	-53.03	-31.82	0.00100
-51.62	-33.23	0.00101	-50.20	-34.65	0.00102
-48.79	-36.06	0.00102	-36.06	-48.79	0.00101
-34.65	-50.20	0.00100	-33.23	-51.62	0.00098
-31.82	-53.03	0.00097	-30.41	-54.45	0.00096
-28.28	-56.57	0.00094	-24.75	-60.10	0.00091
-21.21	-63.64	0.00089	-14.14	-70.71	0.00085
-7.07	-77.78	0.00081	0.00	-84.85	0.00077
7.07	-91.92	0.00073	14.14	-98.99	0.00068
21.21	-106.07	0.00063	28.28	-113.14	0.00057
-106.07	35.36	0.00051	-98.99	28.28	0.00058
-91.92	21.21	0.00065	-84.85	14.14	0.00074

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-77.78	7.07	0.00082	-70.71	0.00	0.00090
-63.64	-7.07	0.00097	-56.57	-14.14	0.00104
-53.03	-17.68	0.00107	-49.50	-21.21	0.00110
-47.38	-23.33	0.00112	-45.96	-24.75	0.00113
-44.55	-26.16	0.00114	-43.13	-27.58	0.00115
-41.72	-28.99	0.00115	-28.99	-41.72	0.00113
-27.58	-43.13	0.00112	-26.16	-44.55	0.00111
-24.75	-45.96	0.00109	-23.33	-47.38	0.00108
-21.21	-49.50	0.00106	-17.68	-53.03	0.00102
-14.14	-56.57	0.00099	-7.07	-63.64	0.00095
0.00	-70.71	0.00090	7.07	-77.78	0.00085
14.14	-84.85	0.00080	21.21	-91.92	0.00073
28.28	-98.99	0.00067	35.36	-106.07	0.00060
-98.99	42.43	0.00052	-91.92	35.36	0.00060
-84.85	28.28	0.00069	-77.78	21.21	0.00078
-70.71	14.14	0.00089	-63.64	7.07	0.00099
-56.57	0.00	0.00108	-49.50	-7.07	0.00117
-45.96	-10.61	0.00120	-42.43	-14.14	0.00124

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00126	-38.89	-17.68	0.00128
-37.48	-19.09	0.00129	-36.06	-20.51	0.00130
-34.65	-21.92	0.00131	-21.92	-34.65	0.00129
-20.51	-36.06	0.00127	-19.09	-37.48	0.00125
-17.68	-38.89	0.00124	-16.26	-40.31	0.00122
-14.14	-42.43	0.00119	-10.61	-45.96	0.00115
-7.07	-49.50	0.00112	0.00	-56.57	0.00107
7.07	-63.64	0.00101	14.14	-70.71	0.00094
21.21	-77.78	0.00087	28.28	-84.85	0.00079
35.36	-91.92	0.00070	42.43	-98.99	0.00063
-91.92	49.50	0.00054	-84.85	42.43	0.00062
-77.78	35.36	0.00072	-70.71	28.28	0.00083
-63.64	21.21	0.00095	-56.57	14.14	0.00108
-49.50	7.07	0.00120	-42.43	0.00	0.00132
-38.89	-3.54	0.00137	-35.36	-7.07	0.00141
-33.23	-9.19	0.00144	-31.82	-10.61	0.00146

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-30.41	-12.02	0.00148	-28.99	-13.44	0.00149
-27.58	-14.85	0.00151	-14.85	-27.58	0.00147
-13.44	-28.99	0.00145	-12.02	-30.41	0.00143
-10.61	-31.82	0.00141	-9.19	-33.23	0.00139
-7.07	-35.36	0.00136	-3.54	-38.89	0.00131
0.00	-42.43	0.00128	7.07	-49.50	0.00121
14.14	-56.57	0.00113	21.21	-63.64	0.00104
28.28	-70.71	0.00094	35.36	-77.78	0.00084
42.43	-84.85	0.00074	49.50	-91.92	0.00065
-84.85	56.57	0.00055	-77.78	49.50	0.00064
-70.71	42.43	0.00074	-63.64	35.36	0.00087
-56.57	28.28	0.00102	-49.50	21.21	0.00118
-42.43	14.14	0.00134	-35.36	7.07	0.00149
-31.82	3.54	0.00156	-28.28	0.00	0.00162
-26.16	-2.12	0.00165	-24.75	-3.54	0.00168
-23.33	-4.95	0.00170	-21.92	-6.36	0.00172
-20.51	-7.78	0.00174	-7.78	-20.51	0.00170
-6.36	-21.92	0.00167	-4.95	-23.33	0.00164
-3.54	-24.75	0.00162	-2.12	-26.16	0.00159
0.00	-28.28	0.00156	3.54	-31.82	0.00151
7.07	-35.36	0.00146	14.14	-42.43	0.00137
21.21	-49.50	0.00126	28.28	-56.57	0.00114
35.36	-63.64	0.00101	42.43	-70.71	0.00088
49.50	-77.78	0.00076	56.57	-84.85	0.00066

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00055	-70.71	56.57	0.00065
-63.64	49.50	0.00077	-56.57	42.43	0.00091
-49.50	35.36	0.00108	-42.43	28.28	0.00128
-35.36	21.21	0.00149	-28.28	14.14	0.00169
-24.75	10.61	0.00178	-21.21	7.07	0.00187
-19.09	4.95	0.00191	-17.68	3.54	0.00194
-16.26	2.12	0.00197	-14.85	0.71	0.00200
-13.44	-0.71	0.00203	-0.71	-13.44	0.00197
0.71	-14.85	0.00194	2.12	-16.26	0.00190
3.54	-17.68	0.00187	4.95	-19.09	0.00184

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

7.07	-21.21	0.00180	10.61	-24.75	0.00174
14.14	-28.28	0.00169	21.21	-35.36	0.00156
28.28	-42.43	0.00140	35.36	-49.50	0.00123
42.43	-56.57	0.00107	49.50	-63.64	0.00091
56.57	-70.71	0.00078	63.64	-77.78	0.00067
-70.71	70.71	0.00056	-63.64	63.64	0.00066
-56.57	56.57	0.00078	-49.50	49.50	0.00094
-42.43	42.43	0.00113	-35.36	35.36	0.00136
-28.28	28.28	0.00163	-21.21	21.21	0.00191
-17.68	17.68	0.00204	-14.14	14.14	0.00216
-12.02	12.02	0.00222	-10.61	10.61	0.00226
-9.19	9.19	0.00230	-7.78	7.78	0.00234
-6.36	6.36	0.00238	6.36	-6.36	0.00231
7.78	-7.78	0.00227	9.19	-9.19	0.00222
10.61	-10.61	0.00219	12.02	-12.02	0.00215
14.14	-14.14	0.00211	17.68	-17.68	0.00203
21.21	-21.21	0.00195	28.28	-28.28	0.00176
35.36	-35.36	0.00154	42.43	-42.43	0.00132
49.50	-49.50	0.00111	56.57	-56.57	0.00094
63.64	-63.64	0.00079	70.71	-70.71	0.00067
-63.64	77.78	0.00055	-56.57	70.71	0.00066
-49.50	63.64	0.00079	-42.43	56.57	0.00096
-35.36	49.50	0.00117	-28.28	42.43	0.00143
-21.21	35.36	0.00175	-14.14	28.28	0.00213
-10.61	24.75	0.00232	-7.07	21.21	0.00249
-4.95	19.09	0.00259	-3.54	17.68	0.00264
-2.12	16.26	0.00270	-0.71	14.85	0.00275
0.71	13.44	0.00281	13.44	0.71	0.00273
14.85	-0.71	0.00267	16.26	-2.12	0.00262
17.68	-3.54	0.00258	19.09	-4.95	0.00254

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00248	24.75	-10.61	0.00237
28.28	-14.14	0.00225	35.36	-21.21	0.00196
42.43	-28.28	0.00165	49.50	-35.36	0.00138
56.57	-42.43	0.00114	63.64	-49.50	0.00095

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

70.71	-56.57	0.00079	77.78	-63.64	0.00066
-56.57	84.85	0.00054	-49.50	77.78	0.00065
-42.43	70.71	0.00079	-35.36	63.64	0.00096
-28.28	56.57	0.00119	-21.21	49.50	0.00149
-14.14	42.43	0.00186	-7.07	35.36	0.00231
-3.54	31.82	0.00257	0.00	28.28	0.00284
2.12	26.16	0.00299	3.54	24.75	0.00308
4.95	23.33	0.00316	6.36	21.92	0.00324
7.78	20.51	0.00332	20.51	7.78	0.00324
21.92	6.36	0.00318	23.33	4.95	0.00312
24.75	3.54	0.00307	26.16	2.12	0.00301
28.28	0.00	0.00292	31.82	-3.54	0.00274
35.36	-7.07	0.00254	42.43	-14.14	0.00212
49.50	-21.21	0.00174	56.57	-28.28	0.00142
63.64	-35.36	0.00115	70.71	-42.43	0.00095
77.78	-49.50	0.00078	84.85	-56.57	0.00065
-49.50	91.92	0.00054	-42.43	84.85	0.00064
-35.36	77.78	0.00077	-28.28	70.71	0.00095
-21.21	63.64	0.00119	-14.14	56.57	0.00150
-7.07	49.50	0.00191	0.00	42.43	0.00244
3.54	38.89	0.00277	7.07	35.36	0.00312
9.19	33.23	0.00335	10.61	31.82	0.00351
12.02	30.41	0.00366	13.44	28.99	0.00380
14.85	27.58	0.00393	27.58	14.85	0.00392
28.99	13.44	0.00383	30.41	12.02	0.00373
31.82	10.61	0.00363	33.23	9.19	0.00352
35.36	7.07	0.00335	38.89	3.54	0.00305
42.43	0.00	0.00275	49.50	-7.07	0.00222
56.57	-14.14	0.00178	63.64	-21.21	0.00142
70.71	-28.28	0.00114	77.78	-35.36	0.00093
84.85	-42.43	0.00076	91.92	-49.50	0.00062
-42.43	98.99	0.00053	-35.36	91.92	0.00063
-28.28	84.85	0.00076	-21.21	77.78	0.00094
-14.14	70.71	0.00117	-7.07	63.64	0.00149
0.00	56.57	0.00192	7.07	49.50	0.00249
10.61	45.96	0.00285	14.14	42.43	0.00327

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00356	17.68	38.89	0.00377
19.09	37.48	0.00400	20.51	36.06	0.00427
21.92	34.65	0.00456	34.65	21.92	0.00472
36.06	20.51	0.00449	37.48	19.09	0.00426
38.89	17.68	0.00406	40.31	16.26	0.00388
42.43	14.14	0.00361	45.96	10.61	0.00321
49.50	7.07	0.00285	56.57	0.00	0.00224
63.64	-7.07	0.00176	70.71	-14.14	0.00139
77.78	-21.21	0.00110	84.85	-28.28	0.00089
91.92	-35.36	0.00072	98.99	-42.43	0.00059
-35.36	106.07	0.00053	-28.28	98.99	0.00063
-21.21	91.92	0.00076	-14.14	84.85	0.00093
-7.07	77.78	0.00117	0.00	70.71	0.00149
7.07	63.64	0.00194	14.14	56.57	0.00255
17.68	53.03	0.00294	21.21	49.50	0.00343
23.33	47.38	0.00378	24.75	45.96	0.00404
26.16	44.55	0.00436	27.58	43.13	0.00477
28.99	41.72	0.00532	41.72	28.99	0.00501
43.13	27.58	0.00468	44.55	26.16	0.00440
45.96	24.75	0.00417	47.38	23.33	0.00395
49.50	21.21	0.00365	53.03	17.68	0.00322
56.57	14.14	0.00283	63.64	7.07	0.00219
70.71	0.00	0.00170	77.78	-7.07	0.00132
84.85	-14.14	0.00104	91.92	-21.21	0.00083
98.99	-28.28	0.00067	106.07	-35.36	0.00055
-28.28	113.14	0.00053	-21.21	106.07	0.00064
-14.14	98.99	0.00077	-7.07	91.92	0.00095
0.00	84.85	0.00120	7.07	77.78	0.00155
14.14	70.71	0.00207	21.21	63.64	0.00287
24.75	60.10	0.00346	28.28	56.57	0.00426
30.41	54.45	0.00486	31.82	53.03	0.00532
33.23	51.62	0.00583	34.65	50.20	0.00640
36.06	48.79	0.00705	48.79	36.06	0.00522
50.20	34.65	0.00480	51.62	33.23	0.00446
53.03	31.82	0.00418	54.45	30.41	0.00394
56.57	28.28	0.00361	60.10	24.75	0.00314
63.64	21.21	0.00273	70.71	14.14	0.00208
77.78	7.07	0.00159	84.85	0.00	0.00123
91.92	-7.07	0.00096	98.99	-14.14	0.00077
106.07	-21.21	0.00062	113.14	-28.28	0.00051

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

18:03:23

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-21.21	120.21	0.00055	-14.14	113.14	0.00066	
-7.07	106.07	0.00081	0.00	98.99	0.00101	
7.07	91.92	0.00129	14.14	84.85	0.00171	
21.21	77.78	0.00239	28.28	70.71	0.00350	
31.82	67.18	0.00427	35.36	63.64	0.00519	
37.48	61.52	0.00582	38.89	60.10	0.00626	
40.31	58.69	0.00674	41.72	57.28	0.00725	
43.13	55.86	0.00785	55.86	43.13	0.00538	
57.28	41.72	0.00491	58.69	40.31	0.00453	
60.10	38.89	0.00421	61.52	37.48	0.00393	
63.64	35.36	0.00355	67.18	31.82	0.00303	
70.71	28.28	0.00260	77.78	21.21	0.00193	
84.85	14.14	0.00145	91.92	7.07	0.00111	
98.99	0.00	0.00087	106.07	-7.07	0.00069	
113.14	-14.14	0.00057	120.21	-21.21	0.00047	
-14.14	127.28	0.00059	-7.07	120.21	0.00071	
0.00	113.14	0.00088	7.07	106.07	0.00112	
14.14	98.99	0.00146	21.21	91.92	0.00199	
28.28	84.85	0.00281	35.36	77.78	0.00403	
38.89	74.25	0.00480	42.43	70.71	0.00567	
44.55	68.59	0.00625	45.96	67.18	0.00666	
47.38	65.76	0.00710	48.79	64.35	0.00759	
50.20	62.93	0.00815	62.93	50.20	0.00539	
64.35	48.79	0.00489	65.76	47.38	0.00449	
67.18	45.96	0.00414	68.59	44.55	0.00384	
70.71	42.43	0.00345	74.25	38.89	0.00289	
77.78	35.36	0.00243	84.85	28.28	0.00175	
91.92	21.21	0.00130	98.99	14.14	0.00099	
106.07	7.07	0.00077	113.14	0.00	0.00062	
120.21	-7.07	0.00051	127.28	-14.14	0.00043	
-7.07	134.35	0.00064	0.00	127.28	0.00079	
7.07	120.21	0.00099	14.14	113.14	0.00128	
21.21	106.07	0.00169	28.28	98.99	0.00230	
35.36	91.92	0.00315	42.43	84.85	0.00430	
45.96	81.32	0.00501	49.50	77.78	0.00581	
51.62	75.66	0.00635	53.03	74.25	0.00674	

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

54.45	72.83	0.00717	55.86	71.42	0.00764
57.28	70.00	0.00818	70.00	57.28	0.00525
71.42	55.86	0.00474	72.83	54.45	0.00432
74.25	53.03	0.00396	75.66	51.62	0.00365

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00324	81.32	45.96	0.00267
84.85	42.43	0.00221	91.92	35.36	0.00155
98.99	28.28	0.00114	106.07	21.21	0.00087
113.14	14.14	0.00068	120.21	7.07	0.00055
127.28	0.00	0.00046	134.35	-7.07	0.00038
0.00	141.42	0.00072	7.07	134.35	0.00090
14.14	127.28	0.00113	21.21	120.21	0.00146
28.28	113.14	0.00193	35.36	106.07	0.00255
42.43	98.99	0.00336	49.50	91.92	0.00439
53.03	88.39	0.00501	56.57	84.85	0.00574
58.69	82.73	0.00625	60.10	81.32	0.00662
61.52	79.90	0.00702	62.93	78.49	0.00746
64.35	77.07	0.00798	77.07	64.35	0.00496
78.49	62.93	0.00443	79.90	61.52	0.00401
81.32	60.10	0.00365	82.73	58.69	0.00333
84.85	56.57	0.00291	88.39	53.03	0.00236
91.92	49.50	0.00193	98.99	42.43	0.00134
106.07	35.36	0.00099	113.14	28.28	0.00076
120.21	21.21	0.00060	127.28	14.14	0.00049
134.35	7.07	0.00041	141.42	0.00	0.00034
7.07	148.49	0.00083	14.14	141.42	0.00103
21.21	134.35	0.00130	28.28	127.28	0.00166
35.36	120.21	0.00213	42.43	113.14	0.00273
49.50	106.07	0.00347	56.57	98.99	0.00439
60.10	95.46	0.00492	63.64	91.92	0.00556
65.76	89.80	0.00600	67.18	88.39	0.00633
68.59	86.97	0.00669	70.00	85.56	0.00710
71.42	84.15	0.00759	84.15	71.42	0.00449
85.56	70.00	0.00396	86.97	68.59	0.00354
88.39	67.18	0.00319	89.80	65.76	0.00288

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

91.92	63.64	0.00248	95.46	60.10	0.00198
98.99	56.57	0.00163	106.07	49.50	0.00115
113.14	42.43	0.00086	120.21	35.36	0.00067
127.28	28.28	0.00053	134.35	21.21	0.00043
141.42	14.14	0.00036	148.49	7.07	0.00030
14.14	155.56	0.00094	21.21	148.49	0.00116
28.28	141.42	0.00145	35.36	134.35	0.00182
42.43	127.28	0.00229	49.50	120.21	0.00285
56.57	113.14	0.00353	63.64	106.07	0.00434
67.18	102.53	0.00481	70.71	98.99	0.00535

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00570	74.25	95.46	0.00596
75.66	94.05	0.00626	77.07	92.63	0.00660
78.49	91.22	0.00702	91.22	78.49	0.00381
92.63	77.07	0.00331	94.05	75.66	0.00291
95.46	74.25	0.00260	96.87	72.83	0.00234
98.99	70.71	0.00202	102.53	67.18	0.00164
106.07	63.64	0.00136	113.14	56.57	0.00099
120.21	49.50	0.00075	127.28	42.43	0.00059
134.35	35.36	0.00047	141.42	28.28	0.00039
148.49	21.21	0.00032	155.56	14.14	0.00027
21.21	162.63	0.00105	28.28	155.56	0.00128
35.36	148.49	0.00158	42.43	141.42	0.00195
49.50	134.35	0.00240	56.57	127.28	0.00294
63.64	120.21	0.00357	70.71	113.14	0.00432
74.25	109.60	0.00474	77.78	106.07	0.00519
79.90	103.94	0.00548	81.32	102.53	0.00568
82.73	101.12	0.00589	84.15	99.70	0.00613
85.56	98.29	0.00640	98.29	85.56	0.00295
99.70	84.15	0.00259	101.12	82.73	0.00231
102.53	81.32	0.00209	103.94	79.90	0.00191
106.07	77.78	0.00168	109.60	74.25	0.00139
113.14	70.71	0.00117	120.21	63.64	0.00087
127.28	56.57	0.00067	134.35	49.50	0.00053
141.42	42.43	0.00043	148.49	35.36	0.00035

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

155.56	28.28	0.00030	162.63	21.21	0.00025
28.28	169.71	0.00114	35.36	162.63	0.00138
42.43	155.56	0.00167	49.50	148.49	0.00203
56.57	141.42	0.00245	63.64	134.35	0.00295
70.71	127.28	0.00354	77.78	120.21	0.00422
81.32	116.67	0.00459	84.85	113.14	0.00498
86.97	111.02	0.00520	88.39	109.60	0.00533
89.80	108.19	0.00545	91.22	106.77	0.00554
92.63	105.36	0.00555	105.36	92.63	0.00252
106.77	91.22	0.00227	108.19	89.80	0.00206
109.60	88.39	0.00188	111.02	86.97	0.00172
113.14	84.85	0.00153	116.67	81.32	0.00127
120.21	77.78	0.00107	127.28	70.71	0.00080
134.35	63.64	0.00062	141.42	56.57	0.00049
148.49	49.50	0.00040	155.56	42.43	0.00033
162.63	35.36	0.00028	169.71	28.28	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

18:03:23

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00121	42.43	169.71	0.00144
49.50	162.63	0.00172	56.57	155.56	0.00205
63.64	148.49	0.00243	70.71	141.42	0.00286
77.78	134.35	0.00334	84.85	127.28	0.00381
88.39	123.74	0.00397	91.92	120.21	0.00402
94.05	118.09	0.00398	95.46	116.67	0.00392
96.87	115.26	0.00384	98.29	113.84	0.00375
99.70	112.43	0.00364	112.43	99.70	0.00213
113.84	98.29	0.00197	115.26	96.87	0.00182
116.67	95.46	0.00169	118.09	94.05	0.00157
120.21	91.92	0.00141	123.74	88.39	0.00119
127.28	84.85	0.00101	134.35	77.78	0.00076
141.42	70.71	0.00059	148.49	63.64	0.00047
155.56	56.57	0.00038	162.63	49.50	0.00031
169.71	42.43	0.00026	176.78	35.36	0.00022
42.43	183.85	0.00125	49.50	176.78	0.00147
56.57	169.71	0.00172	63.64	162.63	0.00200
70.71	155.56	0.00232	77.78	148.49	0.00264

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

84.85	141.42	0.00292	91.92	134.35	0.00303
95.46	130.81	0.00299	98.99	127.28	0.00289
101.12	125.16	0.00282	102.53	123.74	0.00277
103.94	122.33	0.00272	105.36	120.92	0.00267
106.77	119.50	0.00261	119.50	106.77	0.00173
120.92	105.36	0.00162	122.33	103.94	0.00153
123.74	102.53	0.00144	125.16	101.12	0.00136
127.28	98.99	0.00124	130.81	95.46	0.00107
134.35	91.92	0.00093	141.42	84.85	0.00071
148.49	77.78	0.00056	155.56	70.71	0.00045
162.63	63.64	0.00037	169.71	56.57	0.00030
176.78	49.50	0.00025	183.85	42.43	0.00021
49.50	190.92	0.00126	56.57	183.85	0.00145
63.64	176.78	0.00167	70.71	169.71	0.00189
77.78	162.63	0.00211	84.85	155.56	0.00228
91.92	148.49	0.00236	98.99	141.42	0.00230
102.53	137.89	0.00223	106.07	134.35	0.00216
108.19	132.23	0.00212	109.60	130.81	0.00209
111.02	129.40	0.00206	112.43	127.99	0.00203
113.84	126.57	0.00199	126.57	113.84	0.00140
127.99	112.43	0.00134	129.40	111.02	0.00127
130.81	109.60	0.00121	132.23	108.19	0.00115

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

18:03:23

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00107	137.89	102.53	0.00094
141.42	98.99	0.00084	148.49	91.92	0.00066
155.56	84.85	0.00053	162.63	77.78	0.00043
169.71	70.71	0.00035	176.78	63.64	0.00029
183.85	56.57	0.00024	190.92	49.50	0.00021
56.57	197.99	0.00124	63.64	190.92	0.00140
70.71	183.85	0.00156	77.78	176.78	0.00171
84.85	169.71	0.00183	91.92	162.63	0.00188
98.99	155.56	0.00186	106.07	148.49	0.00178
109.60	144.96	0.00174	113.14	141.42	0.00169
115.26	139.30	0.00167	116.67	137.89	0.00165
118.09	136.47	0.00162	119.50	135.06	0.00160

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

120.92	133.64	0.00157	133.64	120.92	0.00115
135.06	119.50	0.00111	136.47	118.09	0.00106
137.89	116.67	0.00102	139.30	115.26	0.00098
141.42	113.14	0.00092	144.96	109.60	0.00082
148.49	106.07	0.00074	155.56	98.99	0.00060
162.63	91.92	0.00049	169.71	84.85	0.00041
176.78	77.78	0.00034	183.85	70.71	0.00028
190.92	63.64	0.00024	197.99	56.57	0.00020
63.64	205.06	0.00118	70.71	197.99	0.00130
77.78	190.92	0.00141	84.85	183.85	0.00149
91.92	176.78	0.00153	98.99	169.71	0.00153
106.07	162.63	0.00148	113.14	155.56	0.00142
116.67	152.03	0.00139	120.21	148.49	0.00137
122.33	146.37	0.00135	123.74	144.96	0.00133
125.16	143.54	0.00131	126.57	142.13	0.00129
127.99	140.71	0.00127	140.71	127.99	0.00096
142.13	126.57	0.00093	143.54	125.16	0.00090
144.96	123.74	0.00087	146.37	122.33	0.00084
148.49	120.21	0.00079	152.03	116.67	0.00072
155.56	113.14	0.00065	162.63	106.07	0.00054
169.71	98.99	0.00046	176.78	91.92	0.00038
183.85	84.85	0.00032	190.92	77.78	0.00027
197.99	70.71	0.00023	205.06	63.64	0.00020
70.71	212.13	0.00110	77.78	205.06	0.00118
84.85	197.99	0.00124	91.92	190.92	0.00127
98.99	183.85	0.00127	106.07	176.78	0.00125
113.14	169.71	0.00121	120.21	162.63	0.00117
123.74	159.10	0.00115	127.28	155.56	0.00113

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00111	130.81	152.03	0.00110
132.23	150.61	0.00108	133.64	149.20	0.00106
135.06	147.79	0.00104	147.79	135.06	0.00081
149.20	133.64	0.00079	150.61	132.23	0.00077
152.03	130.81	0.00074	153.44	129.40	0.00072
155.56	127.28	0.00068	159.10	123.74	0.00063

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

162.63	120.21	0.00058	169.71	113.14	0.00049
176.78	106.07	0.00042	183.85	98.99	0.00036
190.92	91.92	0.00031	197.99	84.85	0.00026
205.06	77.78	0.00023	212.13	70.71	0.00019
77.78	219.20	0.00100	84.85	212.13	0.00105
91.92	205.06	0.00107	98.99	197.99	0.00108
106.07	190.92	0.00106	113.14	183.85	0.00103
120.21	176.78	0.00100	127.28	169.71	0.00098
130.81	166.17	0.00096	134.35	162.63	0.00095
136.47	160.51	0.00093	137.89	159.10	0.00092
139.30	157.68	0.00091	140.71	156.27	0.00089
142.13	154.86	0.00087	154.86	142.13	0.00070
156.27	140.71	0.00068	157.68	139.30	0.00066
159.10	137.89	0.00064	160.51	136.47	0.00062
162.63	134.35	0.00060	166.17	130.81	0.00055
169.71	127.28	0.00051	176.78	120.21	0.00044
183.85	113.14	0.00038	190.92	106.07	0.00033
197.99	98.99	0.00029	205.06	91.92	0.00025
212.13	84.85	0.00022	219.20	77.78	0.00019
84.85	226.27	0.00090	91.92	219.20	0.00092
98.99	212.13	0.00092	106.07	205.06	0.00091
113.14	197.99	0.00089	120.21	190.92	0.00087
127.28	183.85	0.00085	134.35	176.78	0.00083
137.89	173.24	0.00082	141.42	169.71	0.00080
143.54	167.58	0.00079	144.96	166.17	0.00078
146.37	164.76	0.00077	147.79	163.34	0.00076
149.20	161.93	0.00074	161.93	149.20	0.00060
163.34	147.79	0.00059	164.76	146.37	0.00057
166.17	144.96	0.00056	167.58	143.54	0.00055
169.71	141.42	0.00052	173.24	137.89	0.00049
176.78	134.35	0.00046	183.85	127.28	0.00039
190.92	120.21	0.00034	197.99	113.14	0.00030
205.06	106.07	0.00027	212.13	98.99	0.00024
219.20	91.92	0.00021	226.27	84.85	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

91.92	233.35	0.00079	98.99	226.27	0.00080
106.07	219.20	0.00080	113.14	212.13	0.00078
120.21	205.06	0.00076	127.28	197.99	0.00075
134.35	190.92	0.00073	141.42	183.85	0.00072
144.96	180.31	0.00071	148.49	176.78	0.00069
150.61	174.66	0.00068	152.03	173.24	0.00067
153.44	171.83	0.00066	154.86	170.41	0.00065
156.27	169.00	0.00064	169.00	156.27	0.00053
170.41	154.86	0.00051	171.83	153.44	0.00050
173.24	152.03	0.00049	174.66	150.61	0.00048
176.78	148.49	0.00046	180.31	144.96	0.00044
183.85	141.42	0.00041	190.92	134.35	0.00036
197.99	127.28	0.00031	205.06	120.21	0.00028
212.13	113.14	0.00025	219.20	106.07	0.00022
226.27	98.99	0.00020	233.35	91.92	0.00018
98.99	240.42	0.00070	106.07	233.35	0.00070
113.14	226.27	0.00069	120.21	219.20	0.00067
127.28	212.13	0.00066	134.35	205.06	0.00065
141.42	197.99	0.00064	148.49	190.92	0.00062
152.03	187.38	0.00061	155.56	183.85	0.00060
157.68	181.73	0.00059	159.10	180.31	0.00058
160.51	178.90	0.00057	161.93	177.48	0.00057
163.34	176.07	0.00056	176.07	163.34	0.00046
177.48	161.93	0.00045	178.90	160.51	0.00044
180.31	159.10	0.00044	181.73	157.68	0.00043
183.85	155.56	0.00041	187.38	152.03	0.00039
190.92	148.49	0.00037	197.99	141.42	0.00033
205.06	134.35	0.00029	212.13	127.28	0.00025
219.20	120.21	0.00023	226.27	113.14	0.00021
233.35	106.07	0.00019	240.42	98.99	0.00017
106.07	247.49	0.00062	113.14	240.42	0.00061
120.21	233.35	0.00060	127.28	226.27	0.00059
134.35	219.20	0.00058	141.42	212.13	0.00057
148.49	205.06	0.00056	155.56	197.99	0.00055
159.10	194.45	0.00054	162.63	190.92	0.00053
164.76	188.80	0.00052	166.17	187.38	0.00051
167.58	185.97	0.00050	169.00	184.55	0.00050
170.41	183.14	0.00049	183.14	170.41	0.00041
184.55	169.00	0.00040	185.97	167.58	0.00040
187.38	166.17	0.00039	188.80	164.76	0.00038

1 *** ISCST3 - VERSION 02035 ***
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*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
190.92	162.63	0.00037	194.45	159.10	0.00035	
197.99	155.56	0.00033	205.06	148.49	0.00030	
212.13	141.42	0.00026	219.20	134.35	0.00023	
226.27	127.28	0.00021	233.35	120.21	0.00019	
240.42	113.14	0.00018	247.49	106.07	0.00016	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-247.49	-106.07	0.00030	-240.42	-113.14	0.00032	
-233.35	-120.21	0.00033	-226.27	-127.28	0.00034	
-219.20	-134.35	0.00035	-212.13	-141.42	0.00037	
-205.06	-148.49	0.00038	-197.99	-155.56	0.00039	
-194.45	-159.10	0.00039	-190.92	-162.63	0.00040	
-188.80	-164.76	0.00040	-187.38	-166.17	0.00040	
-185.97	-167.58	0.00040	-184.55	-169.00	0.00040	
-183.14	-170.41	0.00040	-170.41	-183.14	0.00040	
-169.00	-184.55	0.00040	-167.58	-185.97	0.00040	
-166.17	-187.38	0.00040	-164.76	-188.80	0.00039	
-162.63	-190.92	0.00039	-159.10	-194.45	0.00038	
-155.56	-197.99	0.00038	-148.49	-205.06	0.00036	
-141.42	-212.13	0.00035	-134.35	-219.20	0.00034	
-127.28	-226.27	0.00033	-120.21	-233.35	0.00032	
-113.14	-240.42	0.00031	-106.07	-247.49	0.00030	
-240.42	-98.99	0.00032	-233.35	-106.07	0.00033	
-226.27	-113.14	0.00035	-219.20	-120.21	0.00036	
-212.13	-127.28	0.00038	-205.06	-134.35	0.00039	
-197.99	-141.42	0.00040	-190.92	-148.49	0.00042	
-187.38	-152.03	0.00042	-183.85	-155.56	0.00043	
-181.73	-157.68	0.00043	-180.31	-159.10	0.00043	
-178.90	-160.51	0.00043	-177.48	-161.93	0.00044	
-176.07	-163.34	0.00044	-163.34	-176.07	0.00043	

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-161.93	-177.48	0.00043	-160.51	-178.90	0.00043
-159.10	-180.31	0.00043	-157.68	-181.73	0.00042
-155.56	-183.85	0.00042	-152.03	-187.38	0.00041
-148.49	-190.92	0.00040	-141.42	-197.99	0.00039
-134.35	-205.06	0.00037	-127.28	-212.13	0.00036
-120.21	-219.20	0.00035	-113.14	-226.27	0.00034
-106.07	-233.35	0.00033	-98.99	-240.42	0.00032
-233.35	-91.92	0.00033	-226.27	-99.00	0.00035
-219.20	-106.07	0.00037	-212.13	-113.14	0.00039
-205.06	-120.21	0.00041	-197.99	-127.28	0.00042
-190.92	-134.35	0.00044	-183.85	-141.42	0.00045
-180.31	-144.96	0.00046	-176.78	-148.49	0.00046
-174.66	-150.61	0.00047	-173.24	-152.03	0.00047
-171.83	-153.44	0.00047	-170.41	-154.86	0.00047
-169.00	-156.27	0.00047	-156.27	-169.00	0.00047
-154.86	-170.41	0.00046	-153.44	-171.83	0.00046
-152.03	-173.24	0.00046	-150.61	-174.66	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00045	-144.96	-180.31	0.00044
-141.42	-183.85	0.00043	-134.35	-190.92	0.00042
-127.28	-197.99	0.00040	-120.21	-205.06	0.00039
-113.14	-212.13	0.00038	-106.07	-219.20	0.00037
-98.99	-226.27	0.00036	-91.92	-233.35	0.00035
-226.27	-84.85	0.00035	-219.20	-91.92	0.00037
-212.13	-99.00	0.00040	-205.06	-106.07	0.00042
-197.99	-113.14	0.00043	-190.92	-120.21	0.00045
-183.85	-127.28	0.00047	-176.78	-134.35	0.00049
-173.24	-137.89	0.00049	-169.71	-141.42	0.00050
-167.58	-143.54	0.00050	-166.17	-144.96	0.00051
-164.76	-146.37	0.00051	-163.34	-147.79	0.00051
-161.93	-149.20	0.00051	-149.20	-161.93	0.00051
-147.79	-163.34	0.00050	-146.37	-164.76	0.00050
-144.96	-166.17	0.00050	-143.54	-167.58	0.00049
-141.42	-169.71	0.00049	-137.89	-173.24	0.00048
-134.35	-176.78	0.00047	-127.28	-183.85	0.00045

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-120.21	-190.92	0.00043	-113.14	-197.99	0.00042
-106.07	-205.06	0.00041	-98.99	-212.13	0.00040
-91.92	-219.20	0.00038	-84.85	-226.27	0.00037
-219.20	-77.78	0.00037	-212.13	-84.85	0.00040
-205.06	-91.92	0.00042	-197.99	-99.00	0.00045
-190.92	-106.07	0.00047	-183.85	-113.14	0.00049
-176.78	-120.21	0.00051	-169.71	-127.28	0.00053
-166.17	-130.81	0.00054	-162.63	-134.35	0.00054
-160.51	-136.47	0.00055	-159.10	-137.89	0.00055
-157.68	-139.30	0.00055	-156.27	-140.71	0.00055
-154.86	-142.13	0.00056	-142.13	-154.86	0.00055
-140.71	-156.27	0.00055	-139.30	-157.68	0.00054
-137.89	-159.10	0.00054	-136.47	-160.51	0.00054
-134.35	-162.63	0.00053	-130.81	-166.17	0.00052
-127.28	-169.71	0.00051	-120.21	-176.78	0.00048
-113.14	-183.85	0.00047	-106.07	-190.92	0.00045
-98.99	-197.99	0.00044	-91.92	-205.06	0.00042
-84.85	-212.13	0.00041	-77.78	-219.20	0.00039
-212.13	-70.71	0.00039	-205.06	-77.78	0.00042
-197.99	-84.85	0.00045	-190.92	-91.92	0.00048
-183.85	-98.99	0.00050	-176.78	-106.07	0.00053
-169.71	-113.14	0.00055	-162.63	-120.21	0.00057
-159.10	-123.74	0.00058	-155.56	-127.28	0.00059

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00060	-152.03	-130.81	0.00060
-150.61	-132.23	0.00060	-149.20	-133.64	0.00061
-147.79	-135.06	0.00061	-135.06	-147.79	0.00060
-133.64	-149.20	0.00060	-132.23	-150.61	0.00059
-130.81	-152.03	0.00059	-129.40	-153.44	0.00058
-127.28	-155.56	0.00058	-123.74	-159.10	0.00056
-120.21	-162.63	0.00055	-113.14	-169.71	0.00052
-106.07	-176.78	0.00051	-98.99	-183.85	0.00049
-91.92	-190.92	0.00047	-84.85	-197.99	0.00046
-77.78	-205.06	0.00044	-70.71	-212.13	0.00042
-205.06	-63.64	0.00041	-197.99	-70.71	0.00045

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-190.92	-77.78	0.00048	-183.85	-84.85	0.00051
-176.78	-91.92	0.00054	-169.71	-98.99	0.00057
-162.63	-106.07	0.00060	-155.56	-113.14	0.00062
-152.03	-116.67	0.00064	-148.49	-120.21	0.00065
-146.37	-122.33	0.00065	-144.96	-123.74	0.00066
-143.54	-125.16	0.00066	-142.13	-126.57	0.00067
-140.71	-127.99	0.00067	-127.99	-140.71	0.00066
-126.57	-142.13	0.00066	-125.16	-143.54	0.00065
-123.74	-144.96	0.00064	-122.33	-146.37	0.00064
-120.21	-148.49	0.00063	-116.67	-152.03	0.00061
-113.14	-155.56	0.00060	-106.07	-162.63	0.00057
-98.99	-169.71	0.00055	-91.92	-176.78	0.00053
-84.85	-183.85	0.00052	-77.78	-190.92	0.00049
-70.71	-197.99	0.00047	-63.64	-205.06	0.00045
-197.99	-56.57	0.00044	-190.92	-63.64	0.00048
-183.85	-70.71	0.00051	-176.78	-77.78	0.00055
-169.71	-84.85	0.00059	-162.63	-91.92	0.00062
-155.56	-98.99	0.00066	-148.49	-106.07	0.00069
-144.96	-109.60	0.00070	-141.42	-113.14	0.00071
-139.30	-115.26	0.00072	-137.89	-116.67	0.00073
-136.47	-118.09	0.00073	-135.06	-119.50	0.00073
-133.64	-120.92	0.00074	-120.92	-133.64	0.00073
-119.50	-135.06	0.00072	-118.09	-136.47	0.00072
-116.67	-137.89	0.00071	-115.26	-139.30	0.00070
-113.14	-141.42	0.00069	-109.60	-144.96	0.00067
-106.07	-148.49	0.00066	-98.99	-155.56	0.00063
-91.92	-162.63	0.00060	-84.85	-169.71	0.00058
-77.78	-176.78	0.00056	-70.71	-183.85	0.00054
-63.64	-190.92	0.00051	-56.57	-197.99	0.00048

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTS:
 PAGE 66
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00046	-183.85	-56.57	0.00050
-176.78	-63.64	0.00055	-169.71	-70.71	0.00059
-162.63	-77.78	0.00064	-155.56	-84.85	0.00068
-148.49	-91.92	0.00072	-141.42	-98.99	0.00075
-137.89	-102.53	0.00077	-134.35	-106.07	0.00079

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-132.23	-108.19	0.00080	-130.81	-109.60	0.00080
-129.40	-111.02	0.00081	-127.99	-112.43	0.00081
-126.57	-113.84	0.00082	-113.84	-126.57	0.00081
-112.43	-127.99	0.00080	-111.02	-129.40	0.00079
-109.60	-130.81	0.00078	-108.19	-132.23	0.00078
-106.07	-134.35	0.00076	-102.53	-137.89	0.00074
-98.99	-141.42	0.00072	-91.92	-148.49	0.00069
-84.85	-155.56	0.00066	-77.78	-162.63	0.00064
-70.71	-169.71	0.00061	-63.64	-176.78	0.00058
-56.57	-183.85	0.00055	-49.50	-190.92	0.00051
-183.85	-42.43	0.00047	-176.78	-49.50	0.00053
-169.71	-56.57	0.00058	-162.63	-63.64	0.00064
-155.56	-70.71	0.00069	-148.49	-77.78	0.00074
-141.42	-84.85	0.00079	-134.35	-91.92	0.00083
-130.81	-95.46	0.00086	-127.28	-98.99	0.00088
-125.16	-101.12	0.00089	-123.74	-102.53	0.00089
-122.33	-103.94	0.00090	-120.92	-105.36	0.00091
-119.50	-106.77	0.00091	-106.77	-119.50	0.00090
-105.36	-120.92	0.00089	-103.94	-122.33	0.00088
-102.53	-123.74	0.00087	-101.12	-125.16	0.00086
-98.99	-127.28	0.00084	-95.46	-130.81	0.00082
-91.92	-134.35	0.00080	-84.85	-141.42	0.00076
-77.78	-148.49	0.00073	-70.71	-155.56	0.00070
-63.64	-162.63	0.00067	-56.57	-169.71	0.00063
-49.50	-176.78	0.00059	-42.43	-183.85	0.00054
-176.78	-35.36	0.00049	-169.71	-42.43	0.00055
-162.63	-49.50	0.00062	-155.56	-56.57	0.00069
-148.49	-63.64	0.00075	-141.42	-70.71	0.00082
-134.35	-77.78	0.00088	-127.28	-84.85	0.00093
-123.74	-88.39	0.00095	-120.21	-91.92	0.00098
-118.09	-94.05	0.00099	-116.67	-95.46	0.00100
-115.26	-96.87	0.00101	-113.84	-98.29	0.00102
-112.43	-99.70	0.00102	-99.70	-112.43	0.00101
-98.29	-113.84	0.00100	-96.87	-115.26	0.00098
-95.46	-116.67	0.00097	-94.05	-118.09	0.00096

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTS:
 PAGE 67

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-91.92	-120.21	0.00094	-88.39	-123.74	0.00091	
-84.85	-127.28	0.00089	-77.78	-134.35	0.00085	
-70.71	-141.42	0.00081	-63.64	-148.49	0.00077	
-56.57	-155.56	0.00073	-49.50	-162.63	0.00068	
-42.43	-169.71	0.00063	-35.36	-176.78	0.00057	
-169.71	-28.28	0.00051	-162.63	-35.36	0.00058	
-155.56	-42.43	0.00065	-148.49	-49.50	0.00074	
-141.42	-56.57	0.00082	-134.35	-63.64	0.00090	
-127.28	-70.71	0.00097	-120.21	-77.78	0.00104	
-116.67	-81.32	0.00107	-113.14	-84.85	0.00110	
-111.02	-86.97	0.00112	-109.60	-88.39	0.00113	
-108.19	-89.80	0.00114	-106.77	-91.22	0.00115	
-105.36	-92.63	0.00115	-92.63	-105.36	0.00113	
-91.22	-106.77	0.00112	-89.80	-108.19	0.00111	
-88.39	-109.60	0.00109	-86.97	-111.02	0.00108	
-84.85	-113.14	0.00106	-81.32	-116.67	0.00102	
-77.78	-120.21	0.00099	-70.71	-127.28	0.00095	
-63.64	-134.35	0.00090	-56.57	-141.42	0.00085	
-49.50	-148.49	0.00080	-42.43	-155.56	0.00073	
-35.36	-162.63	0.00067	-28.28	-169.71	0.00060	
-162.63	-21.21	0.00052	-155.56	-28.28	0.00060	
-148.49	-35.36	0.00069	-141.42	-42.43	0.00078	
-134.35	-49.50	0.00089	-127.28	-56.57	0.00099	
-120.21	-63.64	0.00108	-113.14	-70.71	0.00117	
-109.60	-74.25	0.00120	-106.07	-77.78	0.00124	
-103.94	-79.90	0.00126	-102.53	-81.32	0.00128	
-101.12	-82.73	0.00129	-99.70	-84.15	0.00130	
-98.29	-85.56	0.00131	-85.56	-98.29	0.00129	
-84.15	-99.70	0.00127	-82.73	-101.12	0.00125	
-81.32	-102.53	0.00124	-79.90	-103.94	0.00122	
-77.78	-106.07	0.00119	-74.25	-109.60	0.00115	
-70.71	-113.14	0.00112	-63.64	-120.21	0.00107	
-56.57	-127.28	0.00101	-49.50	-134.35	0.00094	
-42.43	-141.42	0.00087	-35.36	-148.49	0.00079	
-28.28	-155.56	0.00070	-21.21	-162.63	0.00063	
-155.56	-14.14	0.00054	-148.49	-21.21	0.00062	
-141.42	-28.28	0.00072	-134.35	-35.36	0.00083	
-127.28	-42.43	0.00095	-120.21	-49.50	0.00108	
-113.14	-56.57	0.00120	-106.07	-63.64	0.00132	
-102.53	-67.18	0.00137	-98.99	-70.71	0.00141	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

18:03:23

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00144	-95.46	-74.25	0.00146
-94.05	-75.66	0.00148	-92.63	-77.07	0.00149
-91.22	-78.49	0.00151	-78.49	-91.22	0.00147
-77.07	-92.63	0.00145	-75.66	-94.05	0.00143
-74.25	-95.46	0.00141	-72.83	-96.87	0.00139
-70.71	-98.99	0.00136	-67.18	-102.53	0.00131
-63.64	-106.07	0.00128	-56.57	-113.14	0.00121
-49.50	-120.21	0.00113	-42.43	-127.28	0.00104
-35.36	-134.35	0.00094	-28.28	-141.42	0.00084
-21.21	-148.49	0.00074	-14.14	-155.56	0.00065
-148.49	-7.07	0.00055	-141.42	-14.14	0.00064
-134.35	-21.21	0.00074	-127.28	-28.28	0.00087
-120.21	-35.36	0.00102	-113.14	-42.43	0.00118
-106.07	-49.50	0.00134	-98.99	-56.57	0.00149
-95.46	-60.10	0.00156	-91.92	-63.64	0.00162
-89.80	-65.76	0.00165	-88.39	-67.18	0.00168
-86.97	-68.59	0.00170	-85.56	-70.00	0.00172
-84.15	-71.42	0.00174	-71.42	-84.15	0.00170
-70.00	-85.56	0.00167	-68.59	-86.97	0.00164
-67.18	-88.39	0.00162	-65.76	-89.80	0.00159
-63.64	-91.92	0.00156	-60.10	-95.46	0.00151
-56.57	-98.99	0.00146	-49.50	-106.07	0.00137
-42.43	-113.14	0.00126	-35.36	-120.21	0.00114
-28.28	-127.28	0.00101	-21.21	-134.35	0.00088
-14.14	-141.42	0.00076	-7.07	-148.49	0.00066
-141.42	0.00	0.00055	-134.35	-7.07	0.00065
-127.28	-14.14	0.00077	-120.21	-21.21	0.00091
-113.14	-28.28	0.00108	-106.07	-35.36	0.00128
-98.99	-42.43	0.00149	-91.92	-49.50	0.00169
-88.39	-53.03	0.00178	-84.85	-56.57	0.00187
-82.73	-58.69	0.00191	-81.32	-60.10	0.00194
-79.90	-61.52	0.00197	-78.49	-62.93	0.00200
-77.07	-64.35	0.00203	-64.35	-77.07	0.00197
-62.93	-78.49	0.00194	-61.52	-79.90	0.00190
-60.10	-81.32	0.00187	-58.69	-82.73	0.00184
-56.57	-84.85	0.00180	-53.03	-88.39	0.00174
-49.50	-91.92	0.00169	-42.43	-98.99	0.00156

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	-106.07	0.00140	-28.28	-113.14	0.00123
-21.21	-120.21	0.00107	-14.14	-127.28	0.00091
-7.07	-134.35	0.00078	0.00	-141.42	0.00067

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
 PAGE 69
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00056	-127.28	0.00	0.00066
-120.21	-7.07	0.00078	-113.14	-14.14	0.00094
-106.07	-21.21	0.00113	-98.99	-28.28	0.00136
-91.92	-35.36	0.00163	-84.85	-42.43	0.00191
-81.32	-45.96	0.00204	-77.78	-49.50	0.00216
-75.66	-51.62	0.00222	-74.25	-53.03	0.00226
-72.83	-54.45	0.00230	-71.42	-55.86	0.00234
-70.00	-57.28	0.00238	-57.28	-70.00	0.00231
-55.86	-71.42	0.00227	-54.45	-72.83	0.00222
-53.03	-74.25	0.00219	-51.62	-75.66	0.00215
-49.50	-77.78	0.00211	-45.96	-81.32	0.00203
-42.43	-84.85	0.00195	-35.36	-91.92	0.00176
-28.28	-98.99	0.00154	-21.21	-106.07	0.00132
-14.14	-113.14	0.00111	-7.07	-120.21	0.00094
0.00	-127.28	0.00079	7.07	-134.35	0.00067
-127.28	14.14	0.00055	-120.21	7.07	0.00066
-113.14	0.00	0.00079	-106.07	-7.07	0.00096
-98.99	-14.14	0.00117	-91.92	-21.21	0.00143
-84.85	-28.28	0.00175	-77.78	-35.36	0.00213
-74.25	-38.89	0.00232	-70.71	-42.43	0.00249
-68.59	-44.55	0.00259	-67.18	-45.96	0.00264
-65.76	-47.38	0.00270	-64.35	-48.79	0.00275
-62.93	-50.20	0.00281	-50.20	-62.93	0.00273
-48.79	-64.35	0.00267	-47.38	-65.76	0.00262
-45.96	-67.18	0.00258	-44.55	-68.59	0.00254
-42.43	-70.71	0.00248	-38.89	-74.25	0.00237
-35.36	-77.78	0.00225	-28.28	-84.85	0.00196
-21.21	-91.92	0.00165	-14.14	-98.99	0.00138
-7.07	-106.07	0.00114	0.00	-113.14	0.00095
7.07	-120.21	0.00079	14.14	-127.28	0.00066
-120.21	21.21	0.00054	-113.14	14.14	0.00065

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-106.07	7.07	0.00079	-98.99	0.00	0.00096
-91.92	-7.07	0.00119	-84.85	-14.14	0.00149
-77.78	-21.21	0.00186	-70.71	-28.28	0.00231
-67.18	-31.82	0.00257	-63.64	-35.36	0.00284
-61.52	-37.48	0.00299	-60.10	-38.89	0.00308
-58.69	-40.31	0.00316	-57.28	-41.72	0.00324
-55.86	-43.13	0.00332	-43.13	-55.86	0.00324
-41.72	-57.28	0.00318	-40.31	-58.69	0.00312
-38.89	-60.10	0.00307	-37.48	-61.52	0.00301

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00292	-31.82	-67.18	0.00274
-28.28	-70.71	0.00254	-21.21	-77.78	0.00212
-14.14	-84.85	0.00174	-7.07	-91.92	0.00142
0.00	-98.99	0.00115	7.07	-106.07	0.00095
14.14	-113.14	0.00078	21.21	-120.21	0.00065
-113.14	28.28	0.00054	-106.07	21.21	0.00064
-98.99	14.14	0.00077	-91.92	7.07	0.00095
-84.85	0.00	0.00119	-77.78	-7.07	0.00150
-70.71	-14.14	0.00191	-63.64	-21.21	0.00244
-60.10	-24.75	0.00277	-56.57	-28.28	0.00312
-54.45	-30.41	0.00335	-53.03	-31.82	0.00351
-51.62	-33.23	0.00366	-50.20	-34.65	0.00380
-48.79	-36.06	0.00393	-36.06	-48.79	0.00392
-34.65	-50.20	0.00383	-33.23	-51.62	0.00373
-31.82	-53.03	0.00363	-30.41	-54.45	0.00352
-28.28	-56.57	0.00335	-24.75	-60.10	0.00305
-21.21	-63.64	0.00275	-14.14	-70.71	0.00222
-7.07	-77.78	0.00178	0.00	-84.85	0.00142
7.07	-91.92	0.00114	14.14	-98.99	0.00093
21.21	-106.07	0.00076	28.28	-113.14	0.00062
-106.07	35.36	0.00053	-98.99	28.28	0.00063
-91.92	21.21	0.00076	-84.85	14.14	0.00094
-77.78	7.07	0.00117	-70.71	0.00	0.00149
-63.64	-7.07	0.00192	-56.57	-14.14	0.00249
-53.03	-17.68	0.00285	-49.50	-21.21	0.00327

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-47.38	-23.33	0.00356	-45.96	-24.75	0.00377
-44.55	-26.16	0.00400	-43.13	-27.58	0.00427
-41.72	-28.99	0.00456	-28.99	-41.72	0.00472
-27.58	-43.13	0.00449	-26.16	-44.55	0.00426
-24.75	-45.96	0.00406	-23.33	-47.38	0.00388
-21.21	-49.50	0.00361	-17.68	-53.03	0.00321
-14.14	-56.57	0.00285	-7.07	-63.64	0.00224
0.00	-70.71	0.00176	7.07	-77.78	0.00139
14.14	-84.85	0.00110	21.21	-91.92	0.00089
28.28	-98.99	0.00072	35.36	-106.07	0.00059
-98.99	42.43	0.00053	-91.92	35.36	0.00063
-84.85	28.28	0.00076	-77.78	21.21	0.00093
-70.71	14.14	0.00117	-63.64	7.07	0.00149
-56.57	0.00	0.00194	-49.50	-7.07	0.00255
-45.96	-10.61	0.00294	-42.43	-14.14	0.00343

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00378	-38.89	-17.68	0.00404
-37.48	-19.09	0.00436	-36.06	-20.51	0.00477
-34.65	-21.92	0.00532	-21.92	-34.65	0.00501
-20.51	-36.06	0.00468	-19.09	-37.48	0.00440
-17.68	-38.89	0.00417	-16.26	-40.31	0.00395
-14.14	-42.43	0.00365	-10.61	-45.96	0.00322
-7.07	-49.50	0.00283	0.00	-56.57	0.00219
7.07	-63.64	0.00170	14.14	-70.71	0.00132
21.21	-77.78	0.00104	28.28	-84.85	0.00083
35.36	-91.92	0.00067	42.43	-98.99	0.00055
-91.92	49.50	0.00053	-84.85	42.43	0.00064
-77.78	35.36	0.00077	-70.71	28.28	0.00095
-63.64	21.21	0.00120	-56.57	14.14	0.00155
-49.50	7.07	0.00207	-42.43	0.00	0.00287
-38.89	-3.54	0.00346	-35.36	-7.07	0.00426
-33.23	-9.19	0.00486	-31.82	-10.61	0.00532
-30.41	-12.02	0.00583	-28.99	-13.44	0.00640
-27.58	-14.85	0.00705	-14.85	-27.58	0.00522
-13.44	-28.99	0.00480	-12.02	-30.41	0.00446

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-10.61	-31.82	0.00418	-9.19	-33.23	0.00394
-7.07	-35.36	0.00361	-3.54	-38.89	0.00314
0.00	-42.43	0.00273	7.07	-49.50	0.00208
14.14	-56.57	0.00159	21.21	-63.64	0.00123
28.28	-70.71	0.00096	35.36	-77.78	0.00077
42.43	-84.85	0.00062	49.50	-91.92	0.00051
-84.85	56.57	0.00055	-77.78	49.50	0.00066
-70.71	42.43	0.00081	-63.64	35.36	0.00101
-56.57	28.28	0.00129	-49.50	21.21	0.00171
-42.43	14.14	0.00239	-35.36	7.07	0.00350
-31.82	3.54	0.00427	-28.28	0.00	0.00519
-26.16	-2.12	0.00582	-24.75	-3.54	0.00626
-23.33	-4.95	0.00674	-21.92	-6.36	0.00725
-20.51	-7.78	0.00785	-7.78	-20.51	0.00538
-6.36	-21.92	0.00491	-4.95	-23.33	0.00453
-3.54	-24.75	0.00421	-2.12	-26.16	0.00393
0.00	-28.28	0.00355	3.54	-31.82	0.00303
7.07	-35.36	0.00260	14.14	-42.43	0.00193
21.21	-49.50	0.00145	28.28	-56.57	0.00111
35.36	-63.64	0.00087	42.43	-70.71	0.00069
49.50	-77.78	0.00057	56.57	-84.85	0.00047

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00059	-70.71	56.57	0.00071
-63.64	49.50	0.00088	-56.57	42.43	0.00112
-49.50	35.36	0.00146	-42.43	28.28	0.00199
-35.36	21.21	0.00281	-28.28	14.14	0.00403
-24.75	10.61	0.00480	-21.21	7.07	0.00567
-19.09	4.95	0.00625	-17.68	3.54	0.00666
-16.26	2.12	0.00710	-14.85	0.71	0.00759
-13.44	-0.71	0.00815	-0.71	-13.44	0.00539
0.71	-14.85	0.00489	2.12	-16.26	0.00449
3.54	-17.68	0.00414	4.95	-19.09	0.00384
7.07	-21.21	0.00345	10.61	-24.75	0.00289
14.14	-28.28	0.00243	21.21	-35.36	0.00175
28.28	-42.43	0.00130	35.36	-49.50	0.00099

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

42.43	-56.57	0.00077	49.50	-63.64	0.00062
56.57	-70.71	0.00051	63.64	-77.78	0.00043
-70.71	70.71	0.00064	-63.64	63.64	0.00079
-56.57	56.57	0.00099	-49.50	49.50	0.00128
-42.43	42.43	0.00169	-35.36	35.36	0.00230
-28.28	28.28	0.00315	-21.21	21.21	0.00430
-17.68	17.68	0.00501	-14.14	14.14	0.00581
-12.02	12.02	0.00635	-10.61	10.61	0.00674
-9.19	9.19	0.00717	-7.78	7.78	0.00764
-6.36	6.36	0.00818	6.36	-6.36	0.00525
7.78	-7.78	0.00474	9.19	-9.19	0.00432
10.61	-10.61	0.00396	12.02	-12.02	0.00365
14.14	-14.14	0.00324	17.68	-17.68	0.00267
21.21	-21.21	0.00221	28.28	-28.28	0.00155
35.36	-35.36	0.00114	42.43	-42.43	0.00087
49.50	-49.50	0.00068	56.57	-56.57	0.00055
63.64	-63.64	0.00046	70.71	-70.71	0.00038
-63.64	77.78	0.00072	-56.57	70.71	0.00090
-49.50	63.64	0.00113	-42.43	56.57	0.00146
-35.36	49.50	0.00193	-28.28	42.43	0.00255
-21.21	35.36	0.00336	-14.14	28.28	0.00439
-10.61	24.75	0.00501	-7.07	21.21	0.00574
-4.95	19.09	0.00625	-3.54	17.68	0.00662
-2.12	16.26	0.00702	-0.71	14.85	0.00746
0.71	13.44	0.00798	13.44	0.71	0.00495
14.85	-0.71	0.00443	16.26	-2.12	0.00401
17.68	-3.54	0.00365	19.09	-4.95	0.00333

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00291	24.75	-10.61	0.00236
28.28	-14.14	0.00193	35.36	-21.21	0.00134
42.43	-28.28	0.00099	49.50	-35.36	0.00076
56.57	-42.43	0.00060	63.64	-49.50	0.00049
70.71	-56.57	0.00041	77.78	-63.64	0.00034
-56.57	84.85	0.00083	-49.50	77.78	0.00103
-42.43	70.71	0.00130	-35.36	63.64	0.00166

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	56.57	0.00213	-21.21	49.50	0.00273
-14.14	42.43	0.00347	-7.07	35.36	0.00439
-3.54	31.82	0.00492	0.00	28.28	0.00556
2.12	26.16	0.00600	3.54	24.75	0.00633
4.95	23.33	0.00669	6.36	21.92	0.00710
7.78	20.51	0.00759	20.51	7.78	0.00449
21.92	6.36	0.00396	23.33	4.95	0.00354
24.75	3.54	0.00319	26.16	2.12	0.00288
28.28	0.00	0.00248	31.82	-3.54	0.00198
35.36	-7.07	0.00162	42.43	-14.14	0.00115
49.50	-21.21	0.00086	56.57	-28.28	0.00067
63.64	-35.36	0.00053	70.71	-42.43	0.00043
77.78	-49.50	0.00036	84.85	-56.57	0.00030
-49.50	91.92	0.00094	-42.43	84.85	0.00116
-35.36	77.78	0.00145	-28.28	70.71	0.00182
-21.21	63.64	0.00229	-14.14	56.57	0.00285
-7.07	49.50	0.00353	0.00	42.43	0.00434
3.54	38.89	0.00481	7.07	35.36	0.00535
9.19	33.23	0.00570	10.61	31.82	0.00596
12.02	30.41	0.00626	13.44	28.99	0.00660
14.85	27.58	0.00702	27.58	14.85	0.00381
28.99	13.44	0.00331	30.41	12.02	0.00291
31.82	10.61	0.00260	33.23	9.19	0.00234
35.36	7.07	0.00202	38.89	3.54	0.00164
42.43	0.00	0.00136	49.50	-7.07	0.00099
56.57	-14.14	0.00075	63.64	-21.21	0.00059
70.71	-28.28	0.00047	77.78	-35.36	0.00039
84.85	-42.43	0.00032	91.92	-49.50	0.00027
-42.43	98.99	0.00105	-35.36	91.92	0.00128
-28.28	84.85	0.00158	-21.21	77.78	0.00195
-14.14	70.71	0.00240	-7.07	63.64	0.00294
0.00	56.57	0.00357	7.07	49.50	0.00432
10.61	45.96	0.00474	14.14	42.43	0.00519

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00548	17.68	38.89	0.00568

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

19.09	37.48	0.00589	20.51	36.06	0.00613
21.92	34.65	0.00640	34.65	21.92	0.00295
36.06	20.51	0.00259	37.48	19.09	0.00231
38.89	17.68	0.00209	40.31	16.26	0.00191
42.43	14.14	0.00168	45.96	10.61	0.00139
49.50	7.07	0.00117	56.57	0.00	0.00087
63.64	-7.07	0.00067	70.71	-14.14	0.00053
77.78	-21.21	0.00043	84.85	-28.28	0.00035
91.92	-35.36	0.00030	98.99	-42.43	0.00025
-35.36	106.07	0.00114	-28.28	98.99	0.00138
-21.21	91.92	0.00167	-14.14	84.85	0.00203
-7.07	77.78	0.00245	0.00	70.71	0.00295
7.07	63.64	0.00354	14.14	56.57	0.00422
17.68	53.03	0.00459	21.21	49.50	0.00498
23.33	47.38	0.00520	24.75	45.96	0.00533
26.16	44.55	0.00545	27.58	43.13	0.00554
28.99	41.72	0.00555	41.72	28.99	0.00252
43.13	27.58	0.00227	44.55	26.16	0.00206
45.96	24.75	0.00188	47.38	23.33	0.00172
49.50	21.21	0.00153	53.03	17.68	0.00127
56.57	14.14	0.00107	63.64	7.07	0.00080
70.71	0.00	0.00062	77.78	-7.07	0.00049
84.85	-14.14	0.00040	91.92	-21.21	0.00033
98.99	-28.28	0.00028	106.07	-35.36	0.00024
-28.28	113.14	0.00121	-21.21	106.07	0.00144
-14.14	98.99	0.00172	-7.07	91.92	0.00205
0.00	84.85	0.00243	7.07	77.78	0.00286
14.14	70.71	0.00334	21.21	63.64	0.00381
24.75	60.10	0.00397	28.28	56.57	0.00402
30.41	54.45	0.00398	31.82	53.03	0.00392
33.23	51.62	0.00384	34.65	50.20	0.00375
36.06	48.79	0.00364	48.79	36.06	0.00213
50.20	34.65	0.00197	51.62	33.23	0.00182
53.03	31.82	0.00169	54.45	30.41	0.00157
56.57	28.28	0.00141	60.10	24.75	0.00119
63.64	21.21	0.00101	70.71	14.14	0.00076
77.78	7.07	0.00059	84.85	0.00	0.00047
91.92	-7.07	0.00038	98.99	-14.14	0.00031
106.07	-21.21	0.00026	113.14	-28.28	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-21.21	120.21	0.00125	-14.14	113.14	0.00147	
-7.07	106.07	0.00172	0.00	98.99	0.00200	
7.07	91.92	0.00232	14.14	84.85	0.00264	
21.21	77.78	0.00292	28.28	70.71	0.00303	
31.82	67.18	0.00299	35.36	63.64	0.00289	
37.48	61.52	0.00282	38.89	60.10	0.00277	
40.31	58.69	0.00272	41.72	57.28	0.00267	
43.13	55.86	0.00261	55.86	43.13	0.00173	
57.28	41.72	0.00162	58.69	40.31	0.00153	
60.10	38.89	0.00144	61.52	37.48	0.00136	
63.64	35.36	0.00124	67.18	31.82	0.00107	
70.71	28.28	0.00093	77.78	21.21	0.00071	
84.85	14.14	0.00056	91.92	7.07	0.00045	
98.99	0.00	0.00037	106.07	-7.07	0.00030	
113.14	-14.14	0.00025	120.21	-21.21	0.00021	
-14.14	127.28	0.00126	-7.07	120.21	0.00145	
0.00	113.14	0.00167	7.07	106.07	0.00189	
14.14	98.99	0.00211	21.21	91.92	0.00228	
28.28	84.85	0.00236	35.36	77.78	0.00230	
38.89	74.25	0.00223	42.43	70.71	0.00216	
44.55	68.59	0.00212	45.96	67.18	0.00209	
47.38	65.76	0.00206	48.79	64.35	0.00203	
50.20	62.93	0.00199	62.93	50.20	0.00140	
64.35	48.79	0.00134	65.76	47.38	0.00127	
67.18	45.96	0.00121	68.59	44.55	0.00115	
70.71	42.43	0.00107	74.25	38.89	0.00094	
77.78	35.36	0.00084	84.85	28.28	0.00066	
91.92	21.21	0.00053	98.99	14.14	0.00043	
106.07	7.07	0.00035	113.14	0.00	0.00029	
120.21	-7.07	0.00024	127.28	-14.14	0.00021	
-7.07	134.35	0.00124	0.00	127.28	0.00140	
7.07	120.21	0.00156	14.14	113.14	0.00171	
21.21	106.07	0.00183	28.28	98.99	0.00188	
35.36	91.92	0.00186	42.43	84.85	0.00178	
45.96	81.32	0.00174	49.50	77.78	0.00169	
51.62	75.66	0.00167	53.03	74.25	0.00165	
54.45	72.83	0.00162	55.86	71.42	0.00160	
57.28	70.00	0.00157	70.00	57.28	0.00115	
71.42	55.86	0.00111	72.83	54.45	0.00106	

74.25 53.03 0.00102 75.66 51.62 0.00098

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00092	81.32	45.96	0.00082
84.85	42.43	0.00074	91.92	35.36	0.00060
98.99	28.28	0.00049	106.07	21.21	0.00041
113.14	14.14	0.00034	120.21	7.07	0.00028
127.28	0.00	0.00024	134.35	-7.07	0.00020
0.00	141.42	0.00118	7.07	134.35	0.00130
14.14	127.28	0.00141	21.21	120.21	0.00149
28.28	113.14	0.00153	35.36	106.07	0.00153
42.43	98.99	0.00148	49.50	91.92	0.00142
53.03	88.39	0.00139	56.57	84.85	0.00137
58.69	82.73	0.00135	60.10	81.32	0.00133
61.52	79.90	0.00131	62.93	78.49	0.00129
64.35	77.07	0.00127	77.07	64.35	0.00096
78.49	62.93	0.00093	79.90	61.52	0.00090
81.32	60.10	0.00087	82.73	58.69	0.00084
84.85	56.57	0.00079	88.39	53.03	0.00072
91.92	49.50	0.00065	98.99	42.43	0.00054
106.07	35.36	0.00046	113.14	28.28	0.00038
120.21	21.21	0.00032	127.28	14.14	0.00027
134.35	7.07	0.00023	141.42	0.00	0.00020
7.07	148.49	0.00110	14.14	141.42	0.00118
21.21	134.35	0.00124	28.28	127.28	0.00127
35.36	120.21	0.00127	42.43	113.14	0.00125
49.50	106.07	0.00121	56.57	98.99	0.00117
60.10	95.46	0.00115	63.64	91.92	0.00113
65.76	89.80	0.00111	67.18	88.39	0.00110
68.59	86.97	0.00108	70.00	85.56	0.00106
71.42	84.15	0.00104	84.15	71.42	0.00081
85.56	70.00	0.00079	86.97	68.59	0.00077
88.39	67.18	0.00074	89.80	65.76	0.00072
91.92	63.64	0.00068	95.46	60.10	0.00063
98.99	56.57	0.00058	106.07	49.50	0.00049
113.14	42.43	0.00042	120.21	35.36	0.00036

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

127.28	28.28	0.00031	134.35	21.21	0.00026
141.42	14.14	0.00023	148.49	7.07	0.00019
14.14	155.56	0.00100	21.21	148.49	0.00105
28.28	141.42	0.00107	35.36	134.35	0.00108
42.43	127.28	0.00106	49.50	120.21	0.00103
56.57	113.14	0.00100	63.64	106.07	0.00098
67.18	102.53	0.00096	70.71	98.99	0.00095

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00093	74.25	95.46	0.00092
75.66	94.05	0.00091	77.07	92.63	0.00089
78.49	91.22	0.00087	91.22	78.49	0.00070
92.63	77.07	0.00068	94.05	75.66	0.00066
95.46	74.25	0.00064	96.87	72.83	0.00062
98.99	70.71	0.00060	102.53	67.18	0.00055
106.07	63.64	0.00051	113.14	56.57	0.00044
120.21	49.50	0.00038	127.28	42.43	0.00033
134.35	35.36	0.00029	141.42	28.28	0.00025
148.49	21.21	0.00022	155.56	14.14	0.00019
21.21	162.63	0.00090	28.28	155.56	0.00092
35.36	148.49	0.00092	42.43	141.42	0.00091
49.50	134.35	0.00089	56.57	127.28	0.00087
63.64	120.21	0.00085	70.71	113.14	0.00083
74.25	109.60	0.00082	77.78	106.07	0.00080
79.90	103.94	0.00079	81.32	102.53	0.00078
82.73	101.12	0.00077	84.15	99.70	0.00076
85.56	98.29	0.00074	98.29	85.56	0.00060
99.70	84.15	0.00059	101.12	82.73	0.00057
102.53	81.32	0.00056	103.94	79.90	0.00055
106.07	77.78	0.00052	109.60	74.25	0.00049
113.14	70.71	0.00046	120.21	63.64	0.00039
127.28	56.57	0.00034	134.35	49.50	0.00030
141.42	42.43	0.00027	148.49	35.36	0.00024
155.56	28.28	0.00021	162.63	21.21	0.00018
28.28	169.71	0.00079	35.36	162.63	0.00080
42.43	155.56	0.00080	49.50	148.49	0.00078

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

56.57	141.42	0.00076	63.64	134.35	0.00075
70.71	127.28	0.00073	77.78	120.21	0.00072
81.32	116.67	0.00071	84.85	113.14	0.00069
86.97	111.02	0.00068	88.39	109.60	0.00067
89.80	108.19	0.00066	91.22	106.77	0.00065
92.63	105.36	0.00064	105.36	92.63	0.00053
106.77	91.22	0.00051	108.19	89.80	0.00050
109.60	88.39	0.00049	111.02	86.97	0.00048
113.14	84.85	0.00046	116.67	81.32	0.00044
120.21	77.78	0.00041	127.28	70.71	0.00036
134.35	63.64	0.00031	141.42	56.57	0.00028
148.49	49.50	0.00025	155.56	42.43	0.00022
162.63	35.36	0.00020	169.71	28.28	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00070	42.43	169.71	0.00070
49.50	162.63	0.00069	56.57	155.56	0.00067
63.64	148.49	0.00066	70.71	141.42	0.00065
77.78	134.35	0.00064	84.85	127.28	0.00062
88.39	123.74	0.00061	91.92	120.21	0.00060
94.05	118.09	0.00059	95.46	116.67	0.00058
96.87	115.26	0.00057	98.29	113.84	0.00057
99.70	112.43	0.00056	112.43	99.70	0.00046
113.84	98.29	0.00045	115.26	96.87	0.00044
116.67	95.46	0.00044	118.09	94.05	0.00043
120.21	91.92	0.00041	123.74	88.39	0.00039
127.28	84.85	0.00037	134.35	77.78	0.00033
141.42	70.71	0.00029	148.49	63.64	0.00025
155.56	56.57	0.00023	162.63	49.50	0.00021
169.71	42.43	0.00019	176.78	35.36	0.00017
42.43	183.85	0.00062	49.50	176.78	0.00061
56.57	169.71	0.00060	63.64	162.63	0.00059
70.71	155.56	0.00058	77.78	148.49	0.00057
84.85	141.42	0.00056	91.92	134.35	0.00055
95.46	130.81	0.00054	98.99	127.28	0.00053
101.12	125.16	0.00052	102.53	123.74	0.00051

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

103.94	122.33	0.00050	105.36	120.92	0.00050
106.77	119.50	0.00049	119.50	106.77	0.00041
120.92	105.36	0.00040	122.33	103.94	0.00040
123.74	102.53	0.00039	125.16	101.12	0.00038
127.28	98.99	0.00037	130.81	95.46	0.00035
134.35	91.92	0.00033	141.42	84.85	0.00030
148.49	77.78	0.00026	155.56	70.71	0.00023
162.63	63.64	0.00021	169.71	56.57	0.00019
176.78	49.50	0.00018	183.85	42.43	0.00016
49.50	190.92	0.00055	56.57	183.85	0.00054
63.64	176.78	0.00053	70.71	169.71	0.00052
77.78	162.63	0.00051	84.85	155.56	0.00050
91.92	148.49	0.00049	98.99	141.42	0.00048
102.53	137.89	0.00048	106.07	134.35	0.00046
108.19	132.23	0.00046	109.60	130.81	0.00045
111.02	129.40	0.00044	112.43	127.99	0.00044
113.84	126.57	0.00043	126.57	113.84	0.00037
127.99	112.43	0.00036	129.40	111.02	0.00035
130.81	109.60	0.00035	132.23	108.19	0.00034

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00033	137.89	102.53	0.00032
141.42	98.99	0.00030	148.49	91.92	0.00027
155.56	84.85	0.00024	162.63	77.78	0.00022
169.71	70.71	0.00020	176.78	63.64	0.00018
183.85	56.57	0.00016	190.92	49.50	0.00015
56.57	197.99	0.00048	63.64	190.92	0.00048
70.71	183.85	0.00047	77.78	176.78	0.00046
84.85	169.71	0.00045	91.92	162.63	0.00045
98.99	155.56	0.00044	106.07	148.49	0.00043
109.60	144.96	0.00042	113.14	141.42	0.00041
115.26	139.30	0.00041	116.67	137.89	0.00040
118.09	136.47	0.00040	119.50	135.06	0.00039
120.92	133.64	0.00038	133.64	120.92	0.00033
135.06	119.50	0.00033	136.47	118.09	0.00032
137.89	116.67	0.00031	139.30	115.26	0.00031

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

141.42	113.14	0.00030	144.96	109.60	0.00029
148.49	106.07	0.00028	155.56	98.99	0.00025
162.63	91.92	0.00023	169.71	84.85	0.00020
176.78	77.78	0.00018	183.85	70.71	0.00017
190.92	63.64	0.00015	197.99	56.57	0.00014
63.64	205.06	0.00043	70.71	197.99	0.00042
77.78	190.92	0.00042	84.85	183.85	0.00041
91.92	176.78	0.00041	98.99	169.71	0.00040
106.07	162.63	0.00040	113.14	155.56	0.00039
116.67	152.03	0.00038	120.21	148.49	0.00037
122.33	146.37	0.00036	123.74	144.96	0.00036
125.16	143.54	0.00035	126.57	142.13	0.00035
127.99	140.71	0.00035	140.71	127.99	0.00030
142.13	126.57	0.00029	143.54	125.16	0.00029
144.96	123.74	0.00028	146.37	122.33	0.00028
148.49	120.21	0.00027	152.03	116.67	0.00026
155.56	113.14	0.00025	162.63	106.07	0.00023
169.71	98.99	0.00021	176.78	91.92	0.00019
183.85	84.85	0.00017	190.92	77.78	0.00016
197.99	70.71	0.00014	205.06	63.64	0.00013
70.71	212.13	0.00039	77.78	205.06	0.00038
84.85	197.99	0.00038	91.92	190.92	0.00037
98.99	183.85	0.00037	106.07	176.78	0.00036
113.14	169.71	0.00036	120.21	162.63	0.00035
123.74	159.10	0.00034	127.28	155.56	0.00033

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00033	130.81	152.03	0.00032
132.23	150.61	0.00032	133.64	149.20	0.00032
135.06	147.79	0.00031	147.79	135.06	0.00027
149.20	133.64	0.00027	150.61	132.23	0.00026
152.03	130.81	0.00026	153.44	129.40	0.00026
155.56	127.28	0.00025	159.10	123.74	0.00024
162.63	120.21	0.00023	169.71	113.14	0.00021
176.78	106.07	0.00019	183.85	98.99	0.00018
190.92	91.92	0.00016	197.99	84.85	0.00015

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

205.06	77.78	0.00014	212.13	70.71	0.00013
77.78	219.20	0.00035	84.85	212.13	0.00034
91.92	205.06	0.00034	98.99	197.99	0.00034
106.07	190.92	0.00033	113.14	183.85	0.00033
120.21	176.78	0.00032	127.28	169.71	0.00032
130.81	166.17	0.00031	134.35	162.63	0.00030
136.47	160.51	0.00030	137.89	159.10	0.00029
139.30	157.68	0.00029	140.71	156.27	0.00029
142.13	154.86	0.00028	154.86	142.13	0.00025
156.27	140.71	0.00024	157.68	139.30	0.00024
159.10	137.89	0.00024	160.51	136.47	0.00023
162.63	134.35	0.00023	166.17	130.81	0.00022
169.71	127.28	0.00021	176.78	120.21	0.00020
183.85	113.14	0.00018	190.92	106.07	0.00017
197.99	98.99	0.00015	205.06	91.92	0.00014
212.13	84.85	0.00013	219.20	77.78	0.00012
84.85	226.27	0.00032	91.92	219.20	0.00031
98.99	212.13	0.00031	106.07	205.06	0.00031
113.14	197.99	0.00030	120.21	190.92	0.00030
127.28	183.85	0.00030	134.35	176.78	0.00029
137.89	173.24	0.00028	141.42	169.71	0.00027
143.54	167.58	0.00027	144.96	166.17	0.00027
146.37	164.76	0.00026	147.79	163.34	0.00026
149.20	161.93	0.00026	161.93	149.20	0.00023
163.34	147.79	0.00022	164.76	146.37	0.00022
166.17	144.96	0.00022	167.58	143.54	0.00022
169.71	141.42	0.00021	173.24	137.89	0.00020
176.78	134.35	0.00020	183.85	127.28	0.00018
190.92	120.21	0.00017	197.99	113.14	0.00016
205.06	106.07	0.00014	212.13	98.99	0.00013
219.20	91.92	0.00012	226.27	84.85	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00029	98.99	226.27	0.00029
106.07	219.20	0.00028	113.14	212.13	0.00028
120.21	205.06	0.00028	127.28	197.99	0.00027

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

134.35	190.92	0.00027	141.42	183.85	0.00026
144.96	180.31	0.00026	148.49	176.78	0.00025
150.61	174.66	0.00025	152.03	173.24	0.00024
153.44	171.83	0.00024	154.86	170.41	0.00024
156.27	169.00	0.00024	169.00	156.27	0.00021
170.41	154.86	0.00021	171.83	153.44	0.00020
173.24	152.03	0.00020	174.66	150.61	0.00020
176.78	148.49	0.00019	180.31	144.96	0.00019
183.85	141.42	0.00018	190.92	134.35	0.00017
197.99	127.28	0.00016	205.06	120.21	0.00015
212.13	113.14	0.00013	219.20	106.07	0.00012
226.27	98.99	0.00011	233.35	91.92	0.00011
98.99	240.42	0.00026	106.07	233.35	0.00026
113.14	226.27	0.00026	120.21	219.20	0.00026
127.28	212.13	0.00026	134.35	205.06	0.00025
141.42	197.99	0.00025	148.49	190.92	0.00024
152.03	187.38	0.00024	155.56	183.85	0.00023
157.68	181.73	0.00023	159.10	180.31	0.00022
160.51	178.90	0.00022	161.93	177.48	0.00022
163.34	176.07	0.00022	176.07	163.34	0.00019
177.48	161.93	0.00019	178.90	160.51	0.00019
180.31	159.10	0.00019	181.73	157.68	0.00018
183.85	155.56	0.00018	187.38	152.03	0.00017
190.92	148.49	0.00017	197.99	141.42	0.00016
205.06	134.35	0.00015	212.13	127.28	0.00014
219.20	120.21	0.00013	226.27	113.14	0.00012
233.35	106.07	0.00011	240.42	98.99	0.00010
106.07	247.49	0.00024	113.14	240.42	0.00024
120.21	233.35	0.00024	127.28	226.27	0.00024
134.35	219.20	0.00024	141.42	212.13	0.00023
148.49	205.06	0.00023	155.56	197.99	0.00022
159.10	194.45	0.00022	162.63	190.92	0.00021
164.76	188.80	0.00021	166.17	187.38	0.00021
167.58	185.97	0.00020	169.00	184.55	0.00020
170.41	183.14	0.00020	183.14	170.41	0.00018
184.55	169.00	0.00018	185.97	167.58	0.00018
187.38	166.17	0.00017	188.80	164.76	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00017	194.45	159.10	0.00016
197.99	155.56	0.00016	205.06	148.49	0.00015
212.13	141.42	0.00014	219.20	134.35	0.00013
226.27	127.28	0.00012	233.35	120.21	0.00011
240.42	113.14	0.00010	247.49	106.07	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
 PAGE 83
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00047	-240.42	-113.14	0.00053
-233.35	-120.21	0.00058	-226.27	-127.28	0.00064
-219.20	-134.35	0.00069	-212.13	-141.42	0.00074
-205.06	-148.49	0.00079	-197.99	-155.56	0.00083
-194.45	-159.10	0.00086	-190.92	-162.63	0.00088
-188.80	-164.76	0.00089	-187.38	-166.17	0.00089
-185.97	-167.58	0.00090	-184.55	-169.00	0.00091
-183.14	-170.41	0.00091	-170.41	-183.14	0.00090
-169.00	-184.55	0.00089	-167.58	-185.97	0.00088
-166.17	-187.38	0.00087	-164.76	-188.80	0.00086
-162.63	-190.92	0.00084	-159.10	-194.45	0.00082
-155.56	-197.99	0.00080	-148.49	-205.06	0.00076
-141.42	-212.13	0.00073	-134.35	-219.20	0.00070
-127.28	-226.27	0.00067	-120.21	-233.35	0.00063
-113.14	-240.42	0.00059	-106.07	-247.49	0.00054
-240.42	-98.99	0.00049	-233.35	-106.07	0.00055
-226.27	-113.14	0.00062	-219.20	-120.21	0.00069
-212.13	-127.28	0.00075	-205.06	-134.35	0.00082
-197.99	-141.42	0.00088	-190.92	-148.49	0.00093
-187.38	-152.03	0.00095	-183.85	-155.56	0.00098
-181.73	-157.68	0.00099	-180.31	-159.10	0.00100
-178.90	-160.51	0.00101	-177.48	-161.93	0.00102
-176.07	-163.34	0.00102	-163.34	-176.07	0.00101
-161.93	-177.48	0.00100	-160.51	-178.90	0.00098
-159.10	-180.31	0.00097	-157.68	-181.73	0.00096
-155.56	-183.85	0.00094	-152.03	-187.38	0.00091

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-148.49	-190.92	0.00089	-141.42	-197.99	0.00085
-134.35	-205.06	0.00081	-127.28	-212.13	0.00077
-120.21	-219.20	0.00073	-113.14	-226.27	0.00068
-106.07	-233.35	0.00063	-98.99	-240.42	0.00057
-233.35	-91.92	0.00051	-226.27	-99.00	0.00058
-219.20	-106.07	0.00065	-212.13	-113.14	0.00074
-205.06	-120.21	0.00082	-197.99	-127.28	0.00090
-190.92	-134.35	0.00097	-183.85	-141.42	0.00104
-180.31	-144.96	0.00107	-176.78	-148.49	0.00110
-174.66	-150.61	0.00112	-173.24	-152.03	0.00113
-171.83	-153.44	0.00114	-170.41	-154.86	0.00115
-169.00	-156.27	0.00115	-156.27	-169.00	0.00113
-154.86	-170.41	0.00112	-153.44	-171.83	0.00111
-152.03	-173.24	0.00109	-150.61	-174.66	0.00108

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00106	-144.96	-180.31	0.00102
-141.42	-183.85	0.00099	-134.35	-190.92	0.00095
-127.28	-197.99	0.00090	-120.21	-205.06	0.00085
-113.14	-212.13	0.00080	-106.07	-219.20	0.00073
-98.99	-226.27	0.00067	-91.92	-233.35	0.00060
-226.27	-84.85	0.00052	-219.20	-91.92	0.00060
-212.13	-99.00	0.00069	-205.06	-106.07	0.00078
-197.99	-113.14	0.00089	-190.92	-120.21	0.00099
-183.85	-127.28	0.00108	-176.78	-134.35	0.00117
-173.24	-137.89	0.00120	-169.71	-141.42	0.00124
-167.58	-143.54	0.00126	-166.17	-144.96	0.00128
-164.76	-146.37	0.00129	-163.34	-147.79	0.00130
-161.93	-149.20	0.00131	-149.20	-161.93	0.00129
-147.79	-163.34	0.00127	-146.37	-164.76	0.00125
-144.96	-166.17	0.00124	-143.54	-167.58	0.00122
-141.42	-169.71	0.00119	-137.89	-173.24	0.00115
-134.35	-176.78	0.00112	-127.28	-183.85	0.00107
-120.21	-190.92	0.00101	-113.14	-197.99	0.00094
-106.07	-205.06	0.00087	-98.99	-212.13	0.00079
-91.92	-219.20	0.00070	-84.85	-226.27	0.00063

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-219.20	-77.78	0.00054	-212.13	-84.85	0.00062
-205.06	-91.92	0.00072	-197.99	-99.00	0.00083
-190.92	-106.07	0.00095	-183.85	-113.14	0.00108
-176.78	-120.21	0.00120	-169.71	-127.28	0.00132
-166.17	-130.81	0.00137	-162.63	-134.35	0.00141
-160.51	-136.47	0.00144	-159.10	-137.89	0.00146
-157.68	-139.30	0.00148	-156.27	-140.71	0.00149
-154.86	-142.13	0.00151	-142.13	-154.86	0.00147
-140.71	-156.27	0.00145	-139.30	-157.68	0.00143
-137.89	-159.10	0.00141	-136.47	-160.51	0.00139
-134.35	-162.63	0.00136	-130.81	-166.17	0.00131
-127.28	-169.71	0.00128	-120.21	-176.78	0.00121
-113.14	-183.85	0.00113	-106.07	-190.92	0.00104
-98.99	-197.99	0.00094	-91.92	-205.06	0.00084
-84.85	-212.13	0.00074	-77.78	-219.20	0.00065
-212.13	-70.71	0.00055	-205.06	-77.78	0.00064
-197.99	-84.85	0.00074	-190.92	-91.92	0.00087
-183.85	-98.99	0.00102	-176.78	-106.07	0.00118
-169.71	-113.14	0.00134	-162.63	-120.21	0.00149
-159.10	-123.74	0.00156	-155.56	-127.28	0.00162

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00165	-152.03	-130.81	0.00168
-150.61	-132.23	0.00170	-149.20	-133.64	0.00172
-147.79	-135.06	0.00174	-135.06	-147.79	0.00170
-133.64	-149.20	0.00167	-132.23	-150.61	0.00164
-130.81	-152.03	0.00162	-129.40	-153.44	0.00159
-127.28	-155.56	0.00156	-123.74	-159.10	0.00151
-120.21	-162.63	0.00146	-113.14	-169.71	0.00137
-106.07	-176.78	0.00126	-98.99	-183.85	0.00114
-91.92	-190.92	0.00101	-84.85	-197.99	0.00088
-77.78	-205.06	0.00076	-70.71	-212.13	0.00066
-205.06	-63.64	0.00055	-197.99	-70.71	0.00065
-190.92	-77.78	0.00077	-183.85	-84.85	0.00091
-176.78	-91.92	0.00108	-169.71	-98.99	0.00128
-162.63	-106.07	0.00149	-155.56	-113.14	0.00169

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-152.03	-116.67	0.00178	-148.49	-120.21	0.00187
-146.37	-122.33	0.00191	-144.96	-123.74	0.00194
-143.54	-125.16	0.00197	-142.13	-126.57	0.00200
-140.71	-127.99	0.00203	-127.99	-140.71	0.00197
-126.57	-142.13	0.00194	-125.16	-143.54	0.00190
-123.74	-144.96	0.00187	-122.33	-146.37	0.00184
-120.21	-148.49	0.00180	-116.67	-152.03	0.00174
-113.14	-155.56	0.00169	-106.07	-162.63	0.00156
-98.99	-169.71	0.00140	-91.92	-176.78	0.00123
-84.85	-183.85	0.00107	-77.78	-190.92	0.00091
-70.71	-197.99	0.00078	-63.64	-205.06	0.00067
-197.99	-56.57	0.00056	-190.92	-63.64	0.00066
-183.85	-70.71	0.00078	-176.78	-77.78	0.00094
-169.71	-84.85	0.00113	-162.63	-91.92	0.00136
-155.56	-98.99	0.00163	-148.49	-106.07	0.00191
-144.96	-109.60	0.00204	-141.42	-113.14	0.00216
-139.30	-115.26	0.00222	-137.89	-116.67	0.00226
-136.47	-118.09	0.00230	-135.06	-119.50	0.00234
-133.64	-120.92	0.00238	-120.92	-133.64	0.00231
-119.50	-135.06	0.00227	-118.09	-136.47	0.00222
-116.67	-137.89	0.00219	-115.26	-139.30	0.00215
-113.14	-141.42	0.00211	-109.60	-144.96	0.00203
-106.07	-148.49	0.00195	-98.99	-155.56	0.00176
-91.92	-162.63	0.00154	-84.85	-169.71	0.00132
-77.78	-176.78	0.00111	-70.71	-183.85	0.00094
-63.64	-190.92	0.00079	-56.57	-197.99	0.00067

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00055	-183.85	-56.57	0.00066
-176.78	-63.64	0.00079	-169.71	-70.71	0.00096
-162.63	-77.78	0.00117	-155.56	-84.85	0.00143
-148.49	-91.92	0.00175	-141.42	-98.99	0.00213
-137.89	-102.53	0.00232	-134.35	-106.07	0.00249
-132.23	-108.19	0.00259	-130.81	-109.60	0.00264
-129.40	-111.02	0.00270	-127.99	-112.43	0.00275
-126.57	-113.84	0.00281	-113.84	-126.57	0.00273

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-112.43	-127.99	0.00267	-111.02	-129.40	0.00262
-109.60	-130.81	0.00258	-108.19	-132.23	0.00254
-106.07	-134.35	0.00248	-102.53	-137.89	0.00237
-98.99	-141.42	0.00225	-91.92	-148.49	0.00196
-84.85	-155.56	0.00165	-77.78	-162.63	0.00138
-70.71	-169.71	0.00114	-63.64	-176.78	0.00095
-56.57	-183.85	0.00079	-49.50	-190.92	0.00066
-183.85	-42.43	0.00054	-176.78	-49.50	0.00065
-169.71	-56.57	0.00079	-162.63	-63.64	0.00096
-155.56	-70.71	0.00119	-148.49	-77.78	0.00149
-141.42	-84.85	0.00186	-134.35	-91.92	0.00231
-130.81	-95.46	0.00257	-127.28	-98.99	0.00284
-125.16	-101.12	0.00299	-123.74	-102.53	0.00308
-122.33	-103.94	0.00316	-120.92	-105.36	0.00324
-119.50	-106.77	0.00332	-106.77	-119.50	0.00324
-105.36	-120.92	0.00318	-103.94	-122.33	0.00312
-102.53	-123.74	0.00307	-101.12	-125.16	0.00301
-98.99	-127.28	0.00292	-95.46	-130.81	0.00274
-91.92	-134.35	0.00254	-84.85	-141.42	0.00212
-77.78	-148.49	0.00174	-70.71	-155.56	0.00142
-63.64	-162.63	0.00115	-56.57	-169.71	0.00095
-49.50	-176.78	0.00078	-42.43	-183.85	0.00065
-176.78	-35.36	0.00054	-169.71	-42.43	0.00064
-162.63	-49.50	0.00077	-155.56	-56.57	0.00095
-148.49	-63.64	0.00119	-141.42	-70.71	0.00150
-134.35	-77.78	0.00191	-127.28	-84.85	0.00244
-123.74	-88.39	0.00277	-120.21	-91.92	0.00312
-118.09	-94.05	0.00335	-116.67	-95.46	0.00351
-115.26	-96.87	0.00366	-113.84	-98.29	0.00380
-112.43	-99.70	0.00393	-99.70	-112.43	0.00392
-98.29	-113.84	0.00383	-96.87	-115.26	0.00373
-95.46	-116.67	0.00363	-94.05	-118.09	0.00352

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTS:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00335	-88.39	-123.74	0.00305
-84.85	-127.28	0.00275	-77.78	-134.35	0.00222

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-70.71	-141.42	0.00178	-63.64	-148.49	0.00142
-56.57	-155.56	0.00114	-49.50	-162.63	0.00093
-42.43	-169.71	0.00076	-35.36	-176.78	0.00062
-169.71	-28.28	0.00053	-162.63	-35.36	0.00063
-155.56	-42.43	0.00076	-148.49	-49.50	0.00094
-141.42	-56.57	0.00117	-134.35	-63.64	0.00149
-127.28	-70.71	0.00192	-120.21	-77.78	0.00249
-116.67	-81.32	0.00285	-113.14	-84.85	0.00327
-111.02	-86.97	0.00356	-109.60	-88.39	0.00377
-108.19	-89.80	0.00400	-106.77	-91.22	0.00427
-105.36	-92.63	0.00456	-92.63	-105.36	0.00472
-91.22	-106.77	0.00449	-89.80	-108.19	0.00426
-88.39	-109.60	0.00406	-86.97	-111.02	0.00388
-84.85	-113.14	0.00361	-81.32	-116.67	0.00321
-77.78	-120.21	0.00285	-70.71	-127.28	0.00224
-63.64	-134.35	0.00176	-56.57	-141.42	0.00139
-49.50	-148.49	0.00110	-42.43	-155.56	0.00089
-35.36	-162.63	0.00072	-28.28	-169.71	0.00059
-162.63	-21.21	0.00053	-155.56	-28.28	0.00063
-148.49	-35.36	0.00076	-141.42	-42.43	0.00093
-134.35	-49.50	0.00117	-127.28	-56.57	0.00149
-120.21	-63.64	0.00194	-113.14	-70.71	0.00255
-109.60	-74.25	0.00294	-106.07	-77.78	0.00343
-103.94	-79.90	0.00378	-102.53	-81.32	0.00404
-101.12	-82.73	0.00436	-99.70	-84.15	0.00477
-98.29	-85.56	0.00532	-85.56	-98.29	0.00501
-84.15	-99.70	0.00468	-82.73	-101.12	0.00440
-81.32	-102.53	0.00417	-79.90	-103.94	0.00395
-77.78	-106.07	0.00365	-74.25	-109.60	0.00322
-70.71	-113.14	0.00283	-63.64	-120.21	0.00219
-56.57	-127.28	0.00170	-49.50	-134.35	0.00132
-42.43	-141.42	0.00104	-35.36	-148.49	0.00083
-28.28	-155.56	0.00067	-21.21	-162.63	0.00055
-155.56	-14.14	0.00053	-148.49	-21.21	0.00064
-141.42	-28.28	0.00077	-134.35	-35.36	0.00095
-127.28	-42.43	0.00120	-120.21	-49.50	0.00155
-113.14	-56.57	0.00207	-106.07	-63.64	0.00287
-102.53	-67.18	0.00346	-98.99	-70.71	0.00426

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-96.87	-72.83	0.00486	-95.46	-74.25	0.00532	
-94.05	-75.66	0.00583	-92.63	-77.07	0.00640	
-91.22	-78.49	0.00705	-78.49	-91.22	0.00522	
-77.07	-92.63	0.00480	-75.66	-94.05	0.00446	
-74.25	-95.46	0.00418	-72.83	-96.87	0.00394	
-70.71	-98.99	0.00361	-67.18	-102.53	0.00314	
-63.64	-106.07	0.00273	-56.57	-113.14	0.00208	
-49.50	-120.21	0.00159	-42.43	-127.28	0.00123	
-35.36	-134.35	0.00096	-28.28	-141.42	0.00077	
-21.21	-148.49	0.00062	-14.14	-155.56	0.00051	
-148.49	-7.07	0.00055	-141.42	-14.14	0.00066	
-134.35	-21.21	0.00081	-127.28	-28.28	0.00101	
-120.21	-35.36	0.00129	-113.14	-42.43	0.00171	
-106.07	-49.50	0.00239	-98.99	-56.57	0.00350	
-95.46	-60.10	0.00427	-91.92	-63.64	0.00519	
-89.80	-65.76	0.00582	-88.39	-67.18	0.00626	
-86.97	-68.59	0.00674	-85.56	-70.00	0.00725	
-84.15	-71.42	0.00785	-71.42	-84.15	0.00538	
-70.00	-85.56	0.00491	-68.59	-86.97	0.00453	
-67.18	-88.39	0.00421	-65.76	-89.80	0.00393	
-63.64	-91.92	0.00355	-60.10	-95.46	0.00303	
-56.57	-98.99	0.00260	-49.50	-106.07	0.00193	
-42.43	-113.14	0.00145	-35.36	-120.21	0.00111	
-28.28	-127.28	0.00087	-21.21	-134.35	0.00069	
-14.14	-141.42	0.00057	-7.07	-148.49	0.00047	
-141.42	0.00	0.00059	-134.35	-7.07	0.00071	
-127.28	-14.14	0.00088	-120.21	-21.21	0.00112	
-113.14	-28.28	0.00146	-106.07	-35.36	0.00199	
-98.99	-42.43	0.00281	-91.92	-49.50	0.00403	
-88.39	-53.03	0.00480	-84.85	-56.57	0.00567	
-82.73	-58.69	0.00625	-81.32	-60.10	0.00666	
-79.90	-61.52	0.00710	-78.49	-62.93	0.00759	
-77.07	-64.35	0.00816	-64.35	-77.07	0.00539	
-62.93	-78.49	0.00489	-61.52	-79.90	0.00449	
-60.10	-81.32	0.00414	-58.69	-82.73	0.00384	
-56.57	-84.85	0.00345	-53.03	-88.39	0.00289	
-49.50	-91.92	0.00243	-42.43	-98.99	0.00175	
-35.36	-106.07	0.00130	-28.28	-113.14	0.00099	
-21.21	-120.21	0.00077	-14.14	-127.28	0.00062	
-7.07	-134.35	0.00051	0.00	-141.42	0.00043	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

18:03:23

**MODELOPTS:

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*** Maximum train overlap at NE/SW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00064	-127.28	0.00	0.00079
-120.21	-7.07	0.00099	-113.14	-14.14	0.00128
-106.07	-21.21	0.00169	-98.99	-28.28	0.00230
-91.92	-35.36	0.00315	-84.85	-42.43	0.00430
-81.32	-45.96	0.00501	-77.78	-49.50	0.00581
-75.66	-51.62	0.00635	-74.25	-53.03	0.00674
-72.83	-54.45	0.00717	-71.42	-55.86	0.00764
-70.00	-57.28	0.00818	-57.28	-70.00	0.00525
-55.86	-71.42	0.00474	-54.45	-72.83	0.00432
-53.03	-74.25	0.00396	-51.62	-75.66	0.00365
-49.50	-77.78	0.00324	-45.96	-81.32	0.00267
-42.43	-84.85	0.00221	-35.36	-91.92	0.00155
-28.28	-98.99	0.00114	-21.21	-106.07	0.00087
-14.14	-113.14	0.00068	-7.07	-120.21	0.00055
0.00	-127.28	0.00046	7.07	-134.35	0.00038
-127.28	14.14	0.00072	-120.21	7.07	0.00090
-113.14	0.00	0.00113	-106.07	-7.07	0.00146
-98.99	-14.14	0.00193	-91.92	-21.21	0.00255
-84.85	-28.28	0.00336	-77.78	-35.36	0.00439
-74.25	-38.89	0.00501	-70.71	-42.43	0.00574
-68.59	-44.55	0.00625	-67.18	-45.96	0.00662
-65.76	-47.38	0.00702	-64.35	-48.79	0.00746
-62.93	-50.20	0.00798	-50.20	-62.93	0.00495
-48.79	-64.35	0.00443	-47.38	-65.76	0.00401
-45.96	-67.18	0.00365	-44.55	-68.59	0.00333
-42.43	-70.71	0.00291	-38.89	-74.25	0.00236
-35.36	-77.78	0.00193	-28.28	-84.85	0.00134
-21.21	-91.92	0.00099	-14.14	-98.99	0.00076
-7.07	-106.07	0.00060	0.00	-113.14	0.00049
7.07	-120.21	0.00041	14.14	-127.28	0.00034
-120.21	21.21	0.00083	-113.14	14.14	0.00103
-106.07	7.07	0.00130	-98.99	0.00	0.00166
-91.92	-7.07	0.00213	-84.85	-14.14	0.00273
-77.78	-21.21	0.00347	-70.71	-28.28	0.00439

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-67.18	-31.82	0.00492	-63.64	-35.36	0.00556
-61.52	-37.48	0.00600	-60.10	-38.89	0.00633
-58.69	-40.31	0.00669	-57.28	-41.72	0.00710
-55.86	-43.13	0.00759	-43.13	-55.86	0.00449
-41.72	-57.28	0.00396	-40.31	-58.69	0.00354
-38.89	-60.10	0.00319	-37.48	-61.52	0.00288

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00248	-31.82	-67.18	0.00198
-28.28	-70.71	0.00162	-21.21	-77.78	0.00115
-14.14	-84.85	0.00086	-7.07	-91.92	0.00067
0.00	-98.99	0.00053	7.07	-106.07	0.00043
14.14	-113.14	0.00036	21.21	-120.21	0.00030
-113.14	28.28	0.00094	-106.07	21.21	0.00116
-98.99	14.14	0.00145	-91.92	7.07	0.00182
-84.85	0.00	0.00229	-77.78	-7.07	0.00285
-70.71	-14.14	0.00353	-63.64	-21.21	0.00434
-60.10	-24.75	0.00481	-56.57	-28.28	0.00535
-54.45	-30.41	0.00570	-53.03	-31.82	0.00596
-51.62	-33.23	0.00626	-50.20	-34.65	0.00660
-48.79	-36.06	0.00702	-36.06	-48.79	0.00381
-34.65	-50.20	0.00331	-33.23	-51.62	0.00291
-31.82	-53.03	0.00260	-30.41	-54.45	0.00234
-28.28	-56.57	0.00202	-24.75	-60.10	0.00164
-21.21	-63.64	0.00136	-14.14	-70.71	0.00099
-7.07	-77.78	0.00075	0.00	-84.85	0.00059
7.07	-91.92	0.00047	14.14	-98.99	0.00039
21.21	-106.07	0.00032	28.28	-113.14	0.00027
-106.07	35.36	0.00105	-98.99	28.28	0.00128
-91.92	21.21	0.00158	-84.85	14.14	0.00195
-77.78	7.07	0.00240	-70.71	0.00	0.00294
-63.64	-7.07	0.00357	-56.57	-14.14	0.00432
-53.03	-17.68	0.00474	-49.50	-21.21	0.00519
-47.38	-23.33	0.00548	-45.96	-24.75	0.00568
-44.55	-26.16	0.00589	-43.13	-27.58	0.00613
-41.72	-28.99	0.00640	-28.99	-41.72	0.00295

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-27.58	-43.13	0.00259	-26.16	-44.55	0.00231
-24.75	-45.96	0.00209	-23.33	-47.38	0.00191
-21.21	-49.50	0.00168	-17.68	-53.03	0.00139
-14.14	-56.57	0.00117	-7.07	-63.64	0.00087
0.00	-70.71	0.00067	7.07	-77.78	0.00053
14.14	-84.85	0.00043	21.21	-91.92	0.00035
28.28	-98.99	0.00030	35.36	-106.07	0.00025
-98.99	42.43	0.00114	-91.92	35.36	0.00138
-84.85	28.28	0.00167	-77.78	21.21	0.00203
-70.71	14.14	0.00245	-63.64	7.07	0.00295
-56.57	0.00	0.00354	-49.50	-7.07	0.00422
-45.96	-10.61	0.00459	-42.43	-14.14	0.00498

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00520	-38.89	-17.68	0.00533
-37.48	-19.09	0.00545	-36.06	-20.51	0.00554
-34.65	-21.92	0.00555	-21.92	-34.65	0.00252
-20.51	-36.06	0.00227	-19.09	-37.48	0.00206
-17.68	-38.89	0.00188	-16.26	-40.31	0.00172
-14.14	-42.43	0.00153	-10.61	-45.96	0.00127
-7.07	-49.50	0.00107	0.00	-56.57	0.00080
7.07	-63.64	0.00062	14.14	-70.71	0.00049
21.21	-77.78	0.00040	28.28	-84.85	0.00033
35.36	-91.92	0.00028	42.43	-98.99	0.00024
-91.92	49.50	0.00121	-84.85	42.43	0.00144
-77.78	35.36	0.00172	-70.71	28.28	0.00205
-63.64	21.21	0.00243	-56.57	14.14	0.00286
-49.50	7.07	0.00334	-42.43	0.00	0.00381
-38.89	-3.54	0.00397	-35.36	-7.07	0.00402
-33.23	-9.19	0.00398	-31.82	-10.61	0.00392
-30.41	-12.02	0.00384	-28.99	-13.44	0.00375
-27.58	-14.85	0.00364	-14.85	-27.58	0.00213
-13.44	-28.99	0.00197	-12.02	-30.41	0.00182
-10.61	-31.82	0.00169	-9.19	-33.23	0.00157
-7.07	-35.36	0.00141	-3.54	-38.89	0.00119
0.00	-42.43	0.00101	7.07	-49.50	0.00076

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

14.14	-56.57	0.00059	21.21	-63.64	0.00047
28.28	-70.71	0.00038	35.36	-77.78	0.00031
42.43	-84.85	0.00026	49.50	-91.92	0.00022
-84.85	56.57	0.00125	-77.78	49.50	0.00147
-70.71	42.43	0.00172	-63.64	35.36	0.00200
-56.57	28.28	0.00232	-49.50	21.21	0.00264
-42.43	14.14	0.00292	-35.36	7.07	0.00303
-31.82	3.54	0.00299	-28.28	0.00	0.00289
-26.16	-2.12	0.00282	-24.75	-3.54	0.00277
-23.33	-4.95	0.00272	-21.92	-6.36	0.00267
-20.51	-7.78	0.00261	-7.78	-20.51	0.00173
-6.36	-21.92	0.00162	-4.95	-23.33	0.00153
-3.54	-24.75	0.00144	-2.12	-26.16	0.00136
0.00	-28.28	0.00124	3.54	-31.82	0.00107
7.07	-35.36	0.00093	14.14	-42.43	0.00071
21.21	-49.50	0.00056	28.28	-56.57	0.00045
35.36	-63.64	0.00037	42.43	-70.71	0.00030
49.50	-77.78	0.00025	56.57	-84.85	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00126	-70.71	56.57	0.00145
-63.64	49.50	0.00167	-56.57	42.43	0.00189
-49.50	35.36	0.00211	-42.43	28.28	0.00228
-35.36	21.21	0.00236	-28.28	14.14	0.00230
-24.75	10.61	0.00223	-21.21	7.07	0.00216
-19.09	4.95	0.00212	-17.68	3.54	0.00209
-16.26	2.12	0.00206	-14.85	0.71	0.00203
-13.44	-0.71	0.00199	-0.71	-13.44	0.00140
0.71	-14.85	0.00134	2.12	-16.26	0.00127
3.54	-17.68	0.00121	4.95	-19.09	0.00115
7.07	-21.21	0.00107	10.61	-24.75	0.00094
14.14	-28.28	0.00084	21.21	-35.36	0.00066
28.28	-42.43	0.00053	35.36	-49.50	0.00043
42.43	-56.57	0.00035	49.50	-63.64	0.00029
56.57	-70.71	0.00024	63.64	-77.78	0.00021
-70.71	70.71	0.00124	-63.64	63.64	0.00140

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-56.57	56.57	0.00156	-49.50	49.50	0.00171
-42.43	42.43	0.00183	-35.36	35.36	0.00188
-28.28	28.28	0.00186	-21.21	21.21	0.00178
-17.68	17.68	0.00174	-14.14	14.14	0.00169
-12.02	12.02	0.00167	-10.61	10.61	0.00165
-9.19	9.19	0.00162	-7.78	7.78	0.00160
-6.36	6.36	0.00157	6.36	-6.36	0.00115
7.78	-7.78	0.00111	9.19	-9.19	0.00106
10.61	-10.61	0.00102	12.02	-12.02	0.00098
14.14	-14.14	0.00092	17.68	-17.68	0.00082
21.21	-21.21	0.00074	28.28	-28.28	0.00060
35.36	-35.36	0.00049	42.43	-42.43	0.00041
49.50	-49.50	0.00034	56.57	-56.57	0.00028
63.64	-63.64	0.00024	70.71	-70.71	0.00020
-63.64	77.78	0.00118	-56.57	70.71	0.00130
-49.50	63.64	0.00141	-42.43	56.57	0.00149
-35.36	49.50	0.00153	-28.28	42.43	0.00153
-21.21	35.36	0.00148	-14.14	28.28	0.00142
-10.61	24.75	0.00139	-7.07	21.21	0.00137
-4.95	19.09	0.00135	-3.54	17.68	0.00133
-2.12	16.26	0.00131	-0.71	14.85	0.00129
0.71	13.44	0.00127	13.44	0.71	0.00096
14.85	-0.71	0.00093	16.26	-2.12	0.00090
17.68	-3.54	0.00087	19.09	-4.95	0.00084

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
 PAGE 93
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00079	24.75	-10.61	0.00072
28.28	-14.14	0.00065	35.36	-21.21	0.00054
42.43	-28.28	0.00046	49.50	-35.36	0.00038
56.57	-42.43	0.00032	63.64	-49.50	0.00027
70.71	-56.57	0.00023	77.78	-63.64	0.00020
-56.57	84.85	0.00110	-49.50	77.78	0.00118
-42.43	70.71	0.00124	-35.36	63.64	0.00127
-28.28	56.57	0.00127	-21.21	49.50	0.00125
-14.14	42.43	0.00121	-7.07	35.36	0.00117
-3.54	31.82	0.00115	0.00	28.28	0.00113

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

2.12	26.16	0.00111	3.54	24.75	0.00110
4.95	23.33	0.00108	6.36	21.92	0.00106
7.78	20.51	0.00104	20.51	7.78	0.00081
21.92	6.36	0.00079	23.33	4.95	0.00077
24.75	3.54	0.00074	26.16	2.12	0.00072
28.28	0.00	0.00068	31.82	-3.54	0.00063
35.36	-7.07	0.00057	42.43	-14.14	0.00049
49.50	-21.21	0.00042	56.57	-28.28	0.00036
63.64	-35.36	0.00031	70.71	-42.43	0.00026
77.78	-49.50	0.00023	84.85	-56.57	0.00019
-49.50	91.92	0.00100	-42.43	84.85	0.00105
-35.36	77.78	0.00107	-28.28	70.71	0.00108
-21.21	63.64	0.00106	-14.14	56.57	0.00103
-7.07	49.50	0.00100	0.00	42.43	0.00098
3.54	38.89	0.00096	7.07	35.36	0.00095
9.19	33.23	0.00093	10.61	31.82	0.00092
12.02	30.41	0.00091	13.44	28.99	0.00089
14.85	27.58	0.00087	27.58	14.85	0.00070
28.99	13.44	0.00068	30.41	12.02	0.00066
31.82	10.61	0.00064	33.23	9.19	0.00062
35.36	7.07	0.00060	38.89	3.54	0.00055
42.43	0.00	0.00051	49.50	-7.07	0.00044
56.57	-14.14	0.00038	63.64	-21.21	0.00033
70.71	-28.28	0.00029	77.78	-35.36	0.00025
84.85	-42.43	0.00022	91.92	-49.50	0.00019
-42.43	98.99	0.00090	-35.36	91.92	0.00092
-28.28	84.85	0.00092	-21.21	77.78	0.00091
-14.14	70.71	0.00089	-7.07	63.64	0.00087
0.00	56.57	0.00085	7.07	49.50	0.00083
10.61	45.96	0.00082	14.14	42.43	0.00080

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00079	17.68	38.89	0.00078
19.09	37.48	0.00077	20.51	36.06	0.00076
21.92	34.65	0.00074	34.65	21.92	0.00060
36.06	20.51	0.00059	37.48	19.09	0.00057

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

38.89	17.68	0.00056	40.31	16.26	0.00055
42.43	14.14	0.00052	45.96	10.61	0.00049
49.50	7.07	0.00046	56.57	0.00	0.00039
63.64	-7.07	0.00034	70.71	-14.14	0.00030
77.78	-21.21	0.00027	84.85	-28.28	0.00024
91.92	-35.36	0.00021	98.99	-42.43	0.00018
-35.36	106.07	0.00079	-28.28	98.99	0.00080
-21.21	91.92	0.00080	-14.14	84.85	0.00078
-7.07	77.78	0.00076	0.00	70.71	0.00075
7.07	63.64	0.00073	14.14	56.57	0.00072
17.68	53.03	0.00071	21.21	49.50	0.00069
23.33	47.38	0.00068	24.75	45.96	0.00067
26.16	44.55	0.00066	27.58	43.13	0.00065
28.99	41.72	0.00064	41.72	28.99	0.00053
43.13	27.58	0.00051	44.55	26.16	0.00050
45.96	24.75	0.00049	47.38	23.33	0.00048
49.50	21.21	0.00046	53.03	17.68	0.00044
56.57	14.14	0.00041	63.64	7.07	0.00036
70.71	0.00	0.00031	77.78	-7.07	0.00028
84.85	-14.14	0.00025	91.92	-21.21	0.00022
98.99	-28.28	0.00020	106.07	-35.36	0.00018
-28.28	113.14	0.00070	-21.21	106.07	0.00070
-14.14	98.99	0.00069	-7.07	91.92	0.00067
0.00	84.85	0.00066	7.07	77.78	0.00065
14.14	70.71	0.00064	21.21	63.64	0.00062
24.75	60.10	0.00061	28.28	56.57	0.00060
30.41	54.45	0.00059	31.82	53.03	0.00058
33.23	51.62	0.00057	34.65	50.20	0.00057
36.06	48.79	0.00056	48.79	36.06	0.00046
50.20	34.65	0.00045	51.62	33.23	0.00044
53.03	31.82	0.00044	54.45	30.41	0.00043
56.57	28.28	0.00041	60.10	24.75	0.00039
63.64	21.21	0.00037	70.71	14.14	0.00033
77.78	7.07	0.00029	84.85	0.00	0.00025
91.92	-7.07	0.00023	98.99	-14.14	0.00021
106.07	-21.21	0.00019	113.14	-28.28	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00062	-14.14	113.14	0.00061
-7.07	106.07	0.00060	0.00	98.99	0.00059
7.07	91.92	0.00058	14.14	84.85	0.00057
21.21	77.78	0.00056	28.28	70.71	0.00055
31.82	67.18	0.00054	35.36	63.64	0.00053
37.48	61.52	0.00052	38.89	60.10	0.00051
40.31	58.69	0.00050	41.72	57.28	0.00050
43.13	55.86	0.00049	55.86	43.13	0.00041
57.28	41.72	0.00040	58.69	40.31	0.00040
60.10	38.89	0.00039	61.52	37.48	0.00038
63.64	35.36	0.00037	67.18	31.82	0.00035
70.71	28.28	0.00033	77.78	21.21	0.00030
84.85	14.14	0.00026	91.92	7.07	0.00023
98.99	0.00	0.00021	106.07	-7.07	0.00019
113.14	-14.14	0.00018	120.21	-21.21	0.00016
-14.14	127.28	0.00055	-7.07	120.21	0.00054
0.00	113.14	0.00053	7.07	106.07	0.00052
14.14	98.99	0.00051	21.21	91.92	0.00050
28.28	84.85	0.00049	35.36	77.78	0.00048
38.89	74.25	0.00048	42.43	70.71	0.00046
44.55	68.59	0.00046	45.96	67.18	0.00045
47.38	65.76	0.00044	48.79	64.35	0.00044
50.20	62.93	0.00043	62.93	50.20	0.00037
64.35	48.79	0.00036	65.76	47.38	0.00035
67.18	45.96	0.00035	68.59	44.55	0.00034
70.71	42.43	0.00033	74.25	38.89	0.00032
77.78	35.36	0.00030	84.85	28.28	0.00027
91.92	21.21	0.00024	98.99	14.14	0.00022
106.07	7.07	0.00020	113.14	0.00	0.00018
120.21	-7.07	0.00016	127.28	-14.14	0.00015
-7.07	134.35	0.00048	0.00	127.28	0.00048
7.07	120.21	0.00047	14.14	113.14	0.00046
21.21	106.07	0.00045	28.28	98.99	0.00045
35.36	91.92	0.00044	42.43	84.85	0.00043
45.96	81.32	0.00042	49.50	77.78	0.00041
51.62	75.66	0.00041	53.03	74.25	0.00040
54.45	72.83	0.00040	55.86	71.42	0.00039
57.28	70.00	0.00038	70.00	57.28	0.00033
71.42	55.86	0.00033	72.83	54.45	0.00032
74.25	53.03	0.00031	75.66	51.62	0.00031

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
77.78	49.50	0.00030	81.32	45.96	0.00029	
84.85	42.43	0.00028	91.92	35.36	0.00025	
98.99	28.28	0.00023	106.07	21.21	0.00020	
113.14	14.14	0.00018	120.21	7.07	0.00017	
127.28	0.00	0.00015	134.35	-7.07	0.00014	
0.00	141.42	0.00043	7.07	134.35	0.00042	
14.14	127.28	0.00042	21.21	120.21	0.00041	
28.28	113.14	0.00041	35.36	106.07	0.00040	
42.43	98.99	0.00040	49.50	91.92	0.00039	
53.03	88.39	0.00038	56.57	84.85	0.00037	
58.69	82.73	0.00036	60.10	81.32	0.00036	
61.52	79.90	0.00035	62.93	78.49	0.00035	
64.35	77.07	0.00035	77.07	64.35	0.00030	
78.49	62.93	0.00029	79.90	61.52	0.00029	
81.32	60.10	0.00028	82.73	58.69	0.00028	
84.85	56.57	0.00027	88.39	53.03	0.00026	
91.92	49.50	0.00025	98.99	42.43	0.00023	
106.07	35.36	0.00021	113.14	28.28	0.00019	
120.21	21.21	0.00017	127.28	14.14	0.00016	
134.35	7.07	0.00014	141.42	0.00	0.00013	
7.07	148.49	0.00039	14.14	141.42	0.00038	
21.21	134.35	0.00038	28.28	127.28	0.00037	
35.36	120.21	0.00037	42.43	113.14	0.00036	
49.50	106.07	0.00036	56.57	98.99	0.00035	
60.10	95.46	0.00034	63.64	91.92	0.00033	
65.76	89.80	0.00033	67.18	88.39	0.00032	
68.59	86.97	0.00032	70.00	85.56	0.00032	
71.42	84.15	0.00031	84.15	71.42	0.00027	
85.56	70.00	0.00027	86.97	68.59	0.00026	
88.39	67.18	0.00026	89.80	65.76	0.00026	
91.92	63.64	0.00025	95.46	60.10	0.00024	
98.99	56.57	0.00023	106.07	49.50	0.00021	
113.14	42.43	0.00019	120.21	35.36	0.00018	
127.28	28.28	0.00016	134.35	21.21	0.00015	
141.42	14.14	0.00014	148.49	7.07	0.00013	
14.14	155.56	0.00035	21.21	148.49	0.00034	

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

28.28	141.42	0.00034	35.36	134.35	0.00034
42.43	127.28	0.00033	49.50	120.21	0.00033
56.57	113.14	0.00032	63.64	106.07	0.00032
67.18	102.53	0.00031	70.71	98.99	0.00030

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00030	74.25	95.46	0.00029
75.66	94.05	0.00029	77.07	92.63	0.00029
78.49	91.22	0.00028	91.22	78.49	0.00025
92.63	77.07	0.00024	94.05	75.66	0.00024
95.46	74.25	0.00024	96.87	72.83	0.00023
98.99	70.71	0.00023	102.53	67.18	0.00022
106.07	63.64	0.00021	113.14	56.57	0.00020
120.21	49.50	0.00018	127.28	42.43	0.00017
134.35	35.36	0.00015	141.42	28.28	0.00014
148.49	21.21	0.00013	155.56	14.14	0.00012
21.21	162.63	0.00032	28.28	155.56	0.00031
35.36	148.49	0.00031	42.43	141.42	0.00031
49.50	134.35	0.00030	56.57	127.28	0.00030
63.64	120.21	0.00030	70.71	113.14	0.00029
74.25	109.60	0.00028	77.78	106.07	0.00027
79.90	103.94	0.00027	81.32	102.53	0.00027
82.73	101.12	0.00026	84.15	99.70	0.00026
85.56	98.29	0.00026	98.29	85.56	0.00023
99.70	84.15	0.00022	101.12	82.73	0.00022
102.53	81.32	0.00022	103.94	79.90	0.00022
106.07	77.78	0.00021	109.60	74.25	0.00020
113.14	70.71	0.00020	120.21	63.64	0.00018
127.28	56.57	0.00017	134.35	49.50	0.00016
141.42	42.43	0.00014	148.49	35.36	0.00013
155.56	28.28	0.00012	162.63	21.21	0.00011
28.28	169.71	0.00029	35.36	162.63	0.00029
42.43	155.56	0.00028	49.50	148.49	0.00028
56.57	141.42	0.00028	63.64	134.35	0.00027
70.71	127.28	0.00027	77.78	120.21	0.00026
81.32	116.67	0.00026	84.85	113.14	0.00025

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

86.97	111.02	0.00025	88.39	109.60	0.00024
89.80	108.19	0.00024	91.22	106.77	0.00024
92.63	105.36	0.00024	105.36	92.63	0.00021
106.77	91.22	0.00021	108.19	89.80	0.00020
109.60	88.39	0.00020	111.02	86.97	0.00020
113.14	84.85	0.00019	116.67	81.32	0.00019
120.21	77.78	0.00018	127.28	70.71	0.00017
134.35	63.64	0.00016	141.42	56.57	0.00015
148.49	49.50	0.00013	155.56	42.43	0.00012
162.63	35.36	0.00011	169.71	28.28	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00026	42.43	169.71	0.00026
49.50	162.63	0.00026	56.57	155.56	0.00026
63.64	148.49	0.00026	70.71	141.42	0.00025
77.78	134.35	0.00025	84.85	127.28	0.00024
88.39	123.74	0.00024	91.92	120.21	0.00023
94.05	118.09	0.00023	95.46	116.67	0.00022
96.87	115.26	0.00022	98.29	113.84	0.00022
99.70	112.43	0.00022	112.43	99.70	0.00019
113.84	98.29	0.00019	115.26	96.87	0.00019
116.67	95.46	0.00019	118.09	94.05	0.00018
120.21	91.92	0.00018	123.74	88.39	0.00017
127.28	84.85	0.00017	134.35	77.78	0.00016
141.42	70.71	0.00015	148.49	63.64	0.00014
155.56	56.57	0.00013	162.63	49.50	0.00012
169.71	42.43	0.00011	176.78	35.36	0.00010
42.43	183.85	0.00024	49.50	176.78	0.00024
56.57	169.71	0.00024	63.64	162.63	0.00024
70.71	155.56	0.00024	77.78	148.49	0.00023
84.85	141.42	0.00023	91.92	134.35	0.00022
95.46	130.81	0.00022	98.99	127.28	0.00021
101.12	125.16	0.00021	102.53	123.74	0.00021
103.94	122.33	0.00020	105.36	120.92	0.00020
106.77	119.50	0.00020	119.50	106.77	0.00018
120.92	105.36	0.00018	122.33	103.94	0.00018

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

123.74	102.53	0.00017	125.16	101.12	0.00017
127.28	98.99	0.00017	130.81	95.46	0.00016
134.35	91.92	0.00016	141.42	84.85	0.00015
148.49	77.78	0.00014	155.56	70.71	0.00013
162.63	63.64	0.00012	169.71	56.57	0.00011
176.78	49.50	0.00010	183.85	42.43	0.00010
49.50	190.92	0.00023	56.57	183.85	0.00022
63.64	176.78	0.00022	70.71	169.71	0.00022
77.78	162.63	0.00022	84.85	155.56	0.00022
91.92	148.49	0.00021	98.99	141.42	0.00020
102.53	137.89	0.00020	106.07	134.35	0.00020
108.19	132.23	0.00019	109.60	130.81	0.00019
111.02	129.40	0.00019	112.43	127.99	0.00019
113.84	126.57	0.00019	126.57	113.84	0.00017
127.99	112.43	0.00016	129.40	111.02	0.00016
130.81	109.60	0.00016	132.23	108.19	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00016	137.89	102.53	0.00015
141.42	98.99	0.00015	148.49	91.92	0.00014
155.56	84.85	0.00013	162.63	77.78	0.00012
169.71	70.71	0.00011	176.78	63.64	0.00011
183.85	56.57	0.00010	190.92	49.50	0.00009
56.57	197.99	0.00021	63.64	190.92	0.00021
70.71	183.85	0.00021	77.78	176.78	0.00020
84.85	169.71	0.00020	91.92	162.63	0.00020
98.99	155.56	0.00020	106.07	148.49	0.00019
109.60	144.96	0.00019	113.14	141.42	0.00018
115.26	139.30	0.00018	116.67	137.89	0.00018
118.09	136.47	0.00018	119.50	135.06	0.00017
120.92	133.64	0.00017	133.64	120.92	0.00016
135.06	119.50	0.00015	136.47	118.09	0.00015
137.89	116.67	0.00015	139.30	115.26	0.00015
141.42	113.14	0.00015	144.96	109.60	0.00014
148.49	106.07	0.00014	155.56	98.99	0.00013
162.63	91.92	0.00012	169.71	84.85	0.00012

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

176.78	77.78	0.00011	183.85	70.71	0.00010
190.92	63.64	0.00009	197.99	56.57	0.00009
63.64	205.06	0.00019	70.71	197.99	0.00019
77.78	190.92	0.00019	84.85	183.85	0.00019
91.92	176.78	0.00019	98.99	169.71	0.00019
106.07	162.63	0.00018	113.14	155.56	0.00018
116.67	152.03	0.00017	120.21	148.49	0.00017
122.33	146.37	0.00017	123.74	144.96	0.00016
125.16	143.54	0.00016	126.57	142.13	0.00016
127.99	140.71	0.00016	140.71	127.99	0.00015
142.13	126.57	0.00014	143.54	125.16	0.00014
144.96	123.74	0.00014	146.37	122.33	0.00014
148.49	120.21	0.00014	152.03	116.67	0.00013
155.56	113.14	0.00013	162.63	106.07	0.00012
169.71	98.99	0.00012	176.78	91.92	0.00011
183.85	84.85	0.00010	190.92	77.78	0.00010
197.99	70.71	0.00009	205.06	63.64	0.00008
70.71	212.13	0.00018	77.78	205.06	0.00018
84.85	197.99	0.00018	91.92	190.92	0.00018
98.99	183.85	0.00018	106.07	176.78	0.00017
113.14	169.71	0.00017	120.21	162.63	0.00016
123.74	159.10	0.00016	127.28	155.56	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

18:03:23

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00016	130.81	152.03	0.00015
132.23	150.61	0.00015	133.64	149.20	0.00015
135.06	147.79	0.00015	147.79	135.06	0.00014
149.20	133.64	0.00013	150.61	132.23	0.00013
152.03	130.81	0.00013	153.44	129.40	0.00013
155.56	127.28	0.00013	159.10	123.74	0.00012
162.63	120.21	0.00012	169.71	113.14	0.00012
176.78	106.07	0.00011	183.85	98.99	0.00010
190.92	91.92	0.00010	197.99	84.85	0.00009
205.06	77.78	0.00009	212.13	70.71	0.00008
77.78	219.20	0.00017	84.85	212.13	0.00017
91.92	205.06	0.00017	98.99	197.99	0.00017

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

106.07	190.92	0.00016	113.14	183.85	0.00016
120.21	176.78	0.00016	127.28	169.71	0.00015
130.81	166.17	0.00015	134.35	162.63	0.00015
136.47	160.51	0.00015	137.89	159.10	0.00014
139.30	157.68	0.00014	140.71	156.27	0.00014
142.13	154.86	0.00014	154.86	142.13	0.00013
156.27	140.71	0.00013	157.68	139.30	0.00013
159.10	137.89	0.00012	160.51	136.47	0.00012
162.63	134.35	0.00012	166.17	130.81	0.00012
169.71	127.28	0.00011	176.78	120.21	0.00011
183.85	113.14	0.00010	190.92	106.07	0.00010
197.99	98.99	0.00009	205.06	91.92	0.00009
212.13	84.85	0.00008	219.20	77.78	0.00008
84.85	226.27	0.00016	91.92	219.20	0.00016
98.99	212.13	0.00016	106.07	205.06	0.00016
113.14	197.99	0.00015	120.21	190.92	0.00015
127.28	183.85	0.00015	134.35	176.78	0.00014
137.89	173.24	0.00014	141.42	169.71	0.00014
143.54	167.58	0.00014	144.96	166.17	0.00013
146.37	164.76	0.00013	147.79	163.34	0.00013
149.20	161.93	0.00013	161.93	149.20	0.00012
163.34	147.79	0.00012	164.76	146.37	0.00012
166.17	144.96	0.00012	167.58	143.54	0.00012
169.71	141.42	0.00011	173.24	137.89	0.00011
176.78	134.35	0.00011	183.85	127.28	0.00010
190.92	120.21	0.00010	197.99	113.14	0.00009
205.06	106.07	0.00009	212.13	98.99	0.00008
219.20	91.92	0.00008	226.27	84.85	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S) : NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00015	98.99	226.27	0.00015
106.07	219.20	0.00015	113.14	212.13	0.00015
120.21	205.06	0.00014	127.28	197.99	0.00014
134.35	190.92	0.00014	141.42	183.85	0.00013
144.96	180.31	0.00013	148.49	176.78	0.00013
150.61	174.66	0.00013	152.03	173.24	0.00013

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

153.44	171.83	0.00013	154.86	170.41	0.00012
156.27	169.00	0.00012	169.00	156.27	0.00011
170.41	154.86	0.00011	171.83	153.44	0.00011
173.24	152.03	0.00011	174.66	150.61	0.00011
176.78	148.49	0.00011	180.31	144.96	0.00010
183.85	141.42	0.00010	190.92	134.35	0.00010
197.99	127.28	0.00009	205.06	120.21	0.00009
212.13	113.14	0.00008	219.20	106.07	0.00008
226.27	98.99	0.00007	233.35	91.92	0.00007
98.99	240.42	0.00014	106.07	233.35	0.00014
113.14	226.27	0.00014	120.21	219.20	0.00014
127.28	212.13	0.00014	134.35	205.06	0.00013
141.42	197.99	0.00013	148.49	190.92	0.00013
152.03	187.38	0.00012	155.56	183.85	0.00012
157.68	181.73	0.00012	159.10	180.31	0.00012
160.51	178.90	0.00012	161.93	177.48	0.00012
163.34	176.07	0.00012	176.07	163.34	0.00011
177.48	161.93	0.00011	178.90	160.51	0.00010
180.31	159.10	0.00010	181.73	157.68	0.00010
183.85	155.56	0.00010	187.38	152.03	0.00010
190.92	148.49	0.00010	197.99	141.42	0.00009
205.06	134.35	0.00009	212.13	127.28	0.00008
219.20	120.21	0.00008	226.27	113.14	0.00008
233.35	106.07	0.00007	240.42	98.99	0.00007
106.07	247.49	0.00013	113.14	240.42	0.00013
120.21	233.35	0.00013	127.28	226.27	0.00013
134.35	219.20	0.00013	141.42	212.13	0.00013
148.49	205.06	0.00012	155.56	197.99	0.00012
159.10	194.45	0.00012	162.63	190.92	0.00011
164.76	188.80	0.00011	166.17	187.38	0.00011
167.58	185.97	0.00011	169.00	184.55	0.00011
170.41	183.14	0.00011	183.14	170.41	0.00010
184.55	169.00	0.00010	185.97	167.58	0.00010
187.38	166.17	0.00010	188.80	164.76	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

190.92	162.63	0.00010	194.45	159.10	0.00009
197.99	155.56	0.00009	205.06	148.49	0.00009
212.13	141.42	0.00008	219.20	134.35	0.00008
226.27	127.28	0.00008	233.35	120.21	0.00007
240.42	113.14	0.00007	247.49	106.07	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00054	-240.42	-113.14	0.00065
-233.35	-120.21	0.00079	-226.27	-127.28	0.00096
-219.20	-134.35	0.00119	-212.13	-141.42	0.00149
-205.06	-148.49	0.00186	-197.99	-155.56	0.00231
-194.45	-159.10	0.00257	-190.92	-162.63	0.00284
-188.80	-164.76	0.00299	-187.38	-166.17	0.00308
-185.97	-167.58	0.00316	-184.55	-169.00	0.00324
-183.14	-170.41	0.00332	-170.41	-183.14	0.00324
-169.00	-184.55	0.00318	-167.58	-185.97	0.00312
-166.17	-187.38	0.00307	-164.76	-188.80	0.00301
-162.63	-190.92	0.00292	-159.10	-194.45	0.00274
-155.56	-197.99	0.00254	-148.49	-205.06	0.00212
-141.42	-212.13	0.00174	-134.35	-219.20	0.00142
-127.28	-226.27	0.00115	-120.21	-233.35	0.00095
-113.14	-240.42	0.00078	-106.07	-247.49	0.00065
-240.42	-98.99	0.00054	-233.35	-106.07	0.00064
-226.27	-113.14	0.00077	-219.20	-120.21	0.00095
-212.13	-127.28	0.00119	-205.06	-134.35	0.00150
-197.99	-141.42	0.00191	-190.92	-148.49	0.00244
-187.38	-152.03	0.00277	-183.85	-155.56	0.00312
-181.73	-157.68	0.00335	-180.31	-159.10	0.00351
-178.90	-160.51	0.00366	-177.48	-161.93	0.00380
-176.07	-163.34	0.00393	-163.34	-176.07	0.00392
-161.93	-177.48	0.00383	-160.51	-178.90	0.00373
-159.10	-180.31	0.00363	-157.68	-181.73	0.00352
-155.56	-183.85	0.00335	-152.03	-187.38	0.00305
-148.49	-190.92	0.00275	-141.42	-197.99	0.00222
-134.35	-205.06	0.00178	-127.28	-212.13	0.00142
-120.21	-219.20	0.00114	-113.14	-226.27	0.00093

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-106.07	-233.35	0.00076	-98.99	-240.42	0.00062
-233.35	-91.92	0.00053	-226.27	-99.00	0.00063
-219.20	-106.07	0.00076	-212.13	-113.14	0.00094
-205.06	-120.21	0.00117	-197.99	-127.28	0.00149
-190.92	-134.35	0.00192	-183.85	-141.42	0.00249
-180.31	-144.96	0.00285	-176.78	-148.49	0.00327
-174.66	-150.61	0.00356	-173.24	-152.03	0.00377
-171.83	-153.44	0.00400	-170.41	-154.86	0.00427
-169.00	-156.27	0.00456	-156.27	-169.00	0.00472
-154.86	-170.41	0.00449	-153.44	-171.83	0.00426
-152.03	-173.24	0.00406	-150.61	-174.66	0.00388

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
 PAGE 104
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00361	-144.96	-180.31	0.00321
-141.42	-183.85	0.00285	-134.35	-190.92	0.00224
-127.28	-197.99	0.00176	-120.21	-205.06	0.00139
-113.14	-212.13	0.00110	-106.07	-219.20	0.00089
-98.99	-226.27	0.00072	-91.92	-233.35	0.00059
-226.27	-84.85	0.00053	-219.20	-91.92	0.00063
-212.13	-99.00	0.00076	-205.06	-106.07	0.00093
-197.99	-113.14	0.00117	-190.92	-120.21	0.00149
-183.85	-127.28	0.00194	-176.78	-134.35	0.00255
-173.24	-137.89	0.00294	-169.71	-141.42	0.00343
-167.58	-143.54	0.00378	-166.17	-144.96	0.00404
-164.76	-146.37	0.00436	-163.34	-147.79	0.00477
-161.93	-149.20	0.00532	-149.20	-161.93	0.00501
-147.79	-163.34	0.00468	-146.37	-164.76	0.00440
-144.96	-166.17	0.00417	-143.54	-167.58	0.00395
-141.42	-169.71	0.00365	-137.89	-173.24	0.00322
-134.35	-176.78	0.00283	-127.28	-183.85	0.00219
-120.21	-190.92	0.00170	-113.14	-197.99	0.00132
-106.07	-205.06	0.00104	-98.99	-212.13	0.00083
-91.92	-219.20	0.00067	-84.85	-226.27	0.00055
-219.20	-77.78	0.00053	-212.13	-84.85	0.00064
-205.06	-91.92	0.00077	-197.99	-99.00	0.00095
-190.92	-106.07	0.00120	-183.85	-113.14	0.00155

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-176.78	-120.21	0.00207	-169.71	-127.28	0.00287
-166.17	-130.81	0.00346	-162.63	-134.35	0.00426
-160.51	-136.47	0.00486	-159.10	-137.89	0.00532
-157.68	-139.30	0.00583	-156.27	-140.71	0.00640
-154.86	-142.13	0.00705	-142.13	-154.86	0.00522
-140.71	-156.27	0.00480	-139.30	-157.68	0.00447
-137.89	-159.10	0.00418	-136.47	-160.51	0.00394
-134.35	-162.63	0.00361	-130.81	-166.17	0.00314
-127.28	-169.71	0.00274	-120.21	-176.78	0.00208
-113.14	-183.85	0.00159	-106.07	-190.92	0.00123
-98.99	-197.99	0.00096	-91.92	-205.06	0.00077
-84.85	-212.13	0.00062	-77.78	-219.20	0.00051
-212.13	-70.71	0.00055	-205.06	-77.78	0.00066
-197.99	-84.85	0.00081	-190.92	-91.92	0.00101
-183.85	-98.99	0.00129	-176.78	-106.07	0.00171
-169.71	-113.14	0.00239	-162.63	-120.21	0.00350
-159.10	-123.74	0.00427	-155.56	-127.28	0.00519

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00582	-152.03	-130.81	0.00626
-150.61	-132.23	0.00674	-149.20	-133.64	0.00725
-147.79	-135.06	0.00785	-135.06	-147.79	0.00538
-133.64	-149.20	0.00491	-132.23	-150.61	0.00453
-130.81	-152.03	0.00421	-129.40	-153.44	0.00393
-127.28	-155.56	0.00355	-123.74	-159.10	0.00303
-120.21	-162.63	0.00260	-113.14	-169.71	0.00193
-106.07	-176.78	0.00145	-98.99	-183.85	0.00111
-91.92	-190.92	0.00087	-84.85	-197.99	0.00069
-77.78	-205.06	0.00057	-70.71	-212.13	0.00047
-205.06	-63.64	0.00059	-197.99	-70.71	0.00071
-190.92	-77.78	0.00088	-183.85	-84.85	0.00112
-176.78	-91.92	0.00146	-169.71	-98.99	0.00199
-162.63	-106.07	0.00281	-155.56	-113.14	0.00403
-152.03	-116.67	0.00480	-148.49	-120.21	0.00567
-146.37	-122.33	0.00625	-144.96	-123.74	0.00666
-143.54	-125.16	0.00710	-142.13	-126.57	0.00759

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-140.71	-127.99	0.00816	-127.99	-140.71	0.00539
-126.57	-142.13	0.00489	-125.16	-143.54	0.00449
-123.74	-144.96	0.00414	-122.33	-146.37	0.00384
-120.21	-148.49	0.00345	-116.67	-152.03	0.00289
-113.14	-155.56	0.00243	-106.07	-162.63	0.00175
-98.99	-169.71	0.00130	-91.92	-176.78	0.00099
-84.85	-183.85	0.00077	-77.78	-190.92	0.00062
-70.71	-197.99	0.00051	-63.64	-205.06	0.00043
-197.99	-56.57	0.00064	-190.92	-63.64	0.00079
-183.85	-70.71	0.00099	-176.78	-77.78	0.00128
-169.71	-84.85	0.00169	-162.63	-91.92	0.00230
-155.56	-98.99	0.00315	-148.49	-106.07	0.00430
-144.96	-109.60	0.00501	-141.42	-113.14	0.00581
-139.30	-115.26	0.00635	-137.89	-116.67	0.00674
-136.47	-118.09	0.00717	-135.06	-119.50	0.00764
-133.64	-120.92	0.00818	-120.92	-133.64	0.00525
-119.50	-135.06	0.00474	-118.09	-136.47	0.00432
-116.67	-137.89	0.00396	-115.26	-139.30	0.00365
-113.14	-141.42	0.00324	-109.60	-144.96	0.00267
-106.07	-148.49	0.00221	-98.99	-155.56	0.00155
-91.92	-162.63	0.00114	-84.85	-169.71	0.00087
-77.78	-176.78	0.00068	-70.71	-183.85	0.00055
-63.64	-190.92	0.00046	-56.57	-197.99	0.00038

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00072	-183.85	-56.57	0.00090
-176.78	-63.64	0.00113	-169.71	-70.71	0.00146
-162.63	-77.78	0.00193	-155.56	-84.85	0.00255
-148.49	-91.92	0.00336	-141.42	-98.99	0.00439
-137.89	-102.53	0.00501	-134.35	-106.07	0.00574
-132.23	-108.19	0.00625	-130.81	-109.60	0.00662
-129.40	-111.02	0.00702	-127.99	-112.43	0.00746
-126.57	-113.84	0.00798	-113.84	-126.57	0.00495
-112.43	-127.99	0.00443	-111.02	-129.40	0.00401
-109.60	-130.81	0.00365	-108.19	-132.23	0.00333
-106.07	-134.35	0.00291	-102.53	-137.89	0.00236

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-98.99	-141.42	0.00193	-91.92	-148.49	0.00134
-84.85	-155.56	0.00099	-77.78	-162.63	0.00076
-70.71	-169.71	0.00060	-63.64	-176.78	0.00049
-56.57	-183.85	0.00041	-49.50	-190.92	0.00034
-183.85	-42.43	0.00083	-176.78	-49.50	0.00103
-169.71	-56.57	0.00130	-162.63	-63.64	0.00166
-155.56	-70.71	0.00213	-148.49	-77.78	0.00273
-141.42	-84.85	0.00347	-134.35	-91.92	0.00439
-130.81	-95.46	0.00492	-127.28	-98.99	0.00556
-125.16	-101.12	0.00600	-123.74	-102.53	0.00633
-122.33	-103.94	0.00669	-120.92	-105.36	0.00710
-119.50	-106.77	0.00759	-106.77	-119.50	0.00449
-105.36	-120.92	0.00396	-103.94	-122.33	0.00354
-102.53	-123.74	0.00319	-101.12	-125.16	0.00288
-98.99	-127.28	0.00248	-95.46	-130.81	0.00198
-91.92	-134.35	0.00162	-84.85	-141.42	0.00115
-77.78	-148.49	0.00086	-70.71	-155.56	0.00067
-63.64	-162.63	0.00053	-56.57	-169.71	0.00043
-49.50	-176.78	0.00036	-42.43	-183.85	0.00030
-176.78	-35.36	0.00094	-169.71	-42.43	0.00116
-162.63	-49.50	0.00145	-155.56	-56.57	0.00182
-148.49	-63.64	0.00229	-141.42	-70.71	0.00285
-134.35	-77.78	0.00353	-127.28	-84.85	0.00434
-123.74	-88.39	0.00481	-120.21	-91.92	0.00535
-118.09	-94.05	0.00570	-116.67	-95.46	0.00596
-115.26	-96.87	0.00626	-113.84	-98.29	0.00660
-112.43	-99.70	0.00702	-99.70	-112.43	0.00381
-98.29	-113.84	0.00331	-96.87	-115.26	0.00291
-95.46	-116.67	0.00260	-94.05	-118.09	0.00234

1 *** ICSCT3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTS:
 PAGE 107

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00202	-88.39	-123.74	0.00164
-84.85	-127.28	0.00136	-77.78	-134.35	0.00099
-70.71	-141.42	0.00075	-63.64	-148.49	0.00059
-56.57	-155.56	0.00047	-49.50	-162.63	0.00039
-42.43	-169.71	0.00032	-35.36	-176.78	0.00027

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-169.71	-28.28	0.00105	-162.63	-35.36	0.00128
-155.56	-42.43	0.00158	-148.49	-49.50	0.00195
-141.42	-56.57	0.00240	-134.35	-63.64	0.00294
-127.28	-70.71	0.00357	-120.21	-77.78	0.00432
-116.67	-81.32	0.00474	-113.14	-84.85	0.00519
-111.02	-86.97	0.00548	-109.60	-88.39	0.00568
-108.19	-89.80	0.00589	-106.77	-91.22	0.00613
-105.36	-92.63	0.00640	-92.63	-105.36	0.00295
-91.22	-106.77	0.00259	-89.80	-108.19	0.00231
-88.39	-109.60	0.00209	-86.97	-111.02	0.00191
-84.85	-113.14	0.00168	-81.32	-116.67	0.00139
-77.78	-120.21	0.00117	-70.71	-127.28	0.00087
-63.64	-134.35	0.00067	-56.57	-141.42	0.00053
-49.50	-148.49	0.00043	-42.43	-155.56	0.00035
-35.36	-162.63	0.00030	-28.28	-169.71	0.00025
-162.63	-21.21	0.00114	-155.56	-28.28	0.00138
-148.49	-35.36	0.00167	-141.42	-42.43	0.00203
-134.35	-49.50	0.00245	-127.28	-56.57	0.00295
-120.21	-63.64	0.00354	-113.14	-70.71	0.00422
-109.60	-74.25	0.00459	-106.07	-77.78	0.00498
-103.94	-79.90	0.00520	-102.53	-81.32	0.00533
-101.12	-82.73	0.00545	-99.70	-84.15	0.00554
-98.29	-85.56	0.00555	-85.56	-98.29	0.00252
-84.15	-99.70	0.00227	-82.73	-101.12	0.00206
-81.32	-102.53	0.00188	-79.90	-103.94	0.00172
-77.78	-106.07	0.00153	-74.25	-109.60	0.00127
-70.71	-113.14	0.00107	-63.64	-120.21	0.00080
-56.57	-127.28	0.00062	-49.50	-134.35	0.00049
-42.43	-141.42	0.00040	-35.36	-148.49	0.00033
-28.28	-155.56	0.00028	-21.21	-162.63	0.00024
-155.56	-14.14	0.00121	-148.49	-21.21	0.00144
-141.42	-28.28	0.00172	-134.35	-35.36	0.00205
-127.28	-42.43	0.00243	-120.21	-49.50	0.00286
-113.14	-56.57	0.00334	-106.07	-63.64	0.00381
-102.53	-67.18	0.00397	-98.99	-70.71	0.00402

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
 PAGE 108

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-96.87	-72.83	0.00398	-95.46	-74.25	0.00392	
-94.05	-75.66	0.00384	-92.63	-77.07	0.00375	
-91.22	-78.49	0.00364	-78.49	-91.22	0.00213	
-77.07	-92.63	0.00197	-75.66	-94.05	0.00182	
-74.25	-95.46	0.00169	-72.83	-96.87	0.00157	
-70.71	-98.99	0.00141	-67.18	-102.53	0.00119	
-63.64	-106.07	0.00101	-56.57	-113.14	0.00076	
-49.50	-120.21	0.00059	-42.43	-127.28	0.00047	
-35.36	-134.35	0.00038	-28.28	-141.42	0.00031	
-21.21	-148.49	0.00026	-14.14	-155.56	0.00022	
-148.49	-7.07	0.00125	-141.42	-14.14	0.00147	
-134.35	-21.21	0.00172	-127.28	-28.28	0.00200	
-120.21	-35.36	0.00232	-113.14	-42.43	0.00264	
-106.07	-49.50	0.00292	-98.99	-56.57	0.00303	
-95.46	-60.10	0.00299	-91.92	-63.64	0.00289	
-89.80	-65.76	0.00282	-88.39	-67.18	0.00277	
-86.97	-68.59	0.00272	-85.56	-70.00	0.00267	
-84.15	-71.42	0.00261	-71.42	-84.15	0.00173	
-70.00	-85.56	0.00162	-68.59	-86.97	0.00153	
-67.18	-88.39	0.00144	-65.76	-89.80	0.00136	
-63.64	-91.92	0.00124	-60.10	-95.46	0.00107	
-56.57	-98.99	0.00093	-49.50	-106.07	0.00071	
-42.43	-113.14	0.00056	-35.36	-120.21	0.00045	
-28.28	-127.28	0.00037	-21.21	-134.35	0.00030	
-14.14	-141.42	0.00025	-7.07	-148.49	0.00021	
-141.42	0.00	0.00126	-134.35	-7.07	0.00145	
-127.28	-14.14	0.00167	-120.21	-21.21	0.00189	
-113.14	-28.28	0.00211	-106.07	-35.36	0.00228	
-98.99	-42.43	0.00236	-91.92	-49.50	0.00230	
-88.39	-53.03	0.00223	-84.85	-56.57	0.00216	
-82.73	-58.69	0.00212	-81.32	-60.10	0.00209	
-79.90	-61.52	0.00206	-78.49	-62.93	0.00203	
-77.07	-64.35	0.00199	-64.35	-77.07	0.00140	
-62.93	-78.49	0.00134	-61.52	-79.90	0.00127	
-60.10	-81.32	0.00121	-58.69	-82.73	0.00115	
-56.57	-84.85	0.00107	-53.03	-88.39	0.00094	
-49.50	-91.92	0.00084	-42.43	-98.99	0.00066	
-35.36	-106.07	0.00053	-28.28	-113.14	0.00043	
-21.21	-120.21	0.00035	-14.14	-127.28	0.00029	
-7.07	-134.35	0.00024	0.00	-141.42	0.00021	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

18:03:23

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00124	-127.28	0.00	0.00140
-120.21	-7.07	0.00156	-113.14	-14.14	0.00171
-106.07	-21.21	0.00183	-98.99	-28.28	0.00188
-91.92	-35.36	0.00186	-84.85	-42.43	0.00178
-81.32	-45.96	0.00174	-77.78	-49.50	0.00169
-75.66	-51.62	0.00167	-74.25	-53.03	0.00165
-72.83	-54.45	0.00162	-71.42	-55.86	0.00160
-70.00	-57.28	0.00157	-57.28	-70.00	0.00115
-55.86	-71.42	0.00111	-54.45	-72.83	0.00106
-53.03	-74.25	0.00102	-51.62	-75.66	0.00098
-49.50	-77.78	0.00092	-45.96	-81.32	0.00082
-42.43	-84.85	0.00074	-35.36	-91.92	0.00060
-28.28	-98.99	0.00049	-21.21	-106.07	0.00041
-14.14	-113.14	0.00034	-7.07	-120.21	0.00028
0.00	-127.28	0.00024	7.07	-134.35	0.00020
-127.28	14.14	0.00118	-120.21	7.07	0.00130
-113.14	0.00	0.00141	-106.07	-7.07	0.00149
-98.99	-14.14	0.00153	-91.92	-21.21	0.00153
-84.85	-28.28	0.00148	-77.78	-35.36	0.00142
-74.25	-38.89	0.00139	-70.71	-42.43	0.00137
-68.59	-44.55	0.00135	-67.18	-45.96	0.00133
-65.76	-47.38	0.00131	-64.35	-48.79	0.00129
-62.93	-50.20	0.00127	-50.20	-62.93	0.00096
-48.79	-64.35	0.00093	-47.38	-65.76	0.00090
-45.96	-67.18	0.00087	-44.55	-68.59	0.00084
-42.43	-70.71	0.00079	-38.89	-74.25	0.00072
-35.36	-77.78	0.00065	-28.28	-84.85	0.00054
-21.21	-91.92	0.00046	-14.14	-98.99	0.00038
-7.07	-106.07	0.00032	0.00	-113.14	0.00027
7.07	-120.21	0.00023	14.14	-127.28	0.00020
-120.21	21.21	0.00110	-113.14	14.14	0.00118
-106.07	7.07	0.00124	-98.99	0.00	0.00127
-91.92	-7.07	0.00127	-84.85	-14.14	0.00125
-77.78	-21.21	0.00121	-70.71	-28.28	0.00117
-67.18	-31.82	0.00115	-63.64	-35.36	0.00113
-61.52	-37.48	0.00111	-60.10	-38.89	0.00110
-58.69	-40.31	0.00108	-57.28	-41.72	0.00106

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-55.86	-43.13	0.00104	-43.13	-55.86	0.00081
-41.72	-57.28	0.00079	-40.31	-58.69	0.00077
-38.89	-60.10	0.00074	-37.48	-61.52	0.00072

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
 PAGE 110
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00068	-31.82	-67.18	0.00063
-28.28	-70.71	0.00057	-21.21	-77.78	0.00049
-14.14	-84.85	0.00042	-7.07	-91.92	0.00036
0.00	-98.99	0.00031	7.07	-106.07	0.00026
14.14	-113.14	0.00023	21.21	-120.21	0.00019
-113.14	28.28	0.00100	-106.07	21.21	0.00105
-98.99	14.14	0.00107	-91.92	7.07	0.00108
-84.85	0.00	0.00106	-77.78	-7.07	0.00103
-70.71	-14.14	0.00100	-63.64	-21.21	0.00098
-60.10	-24.75	0.00096	-56.57	-28.28	0.00095
-54.45	-30.41	0.00093	-53.03	-31.82	0.00092
-51.62	-33.23	0.00091	-50.20	-34.65	0.00089
-48.79	-36.06	0.00087	-36.06	-48.79	0.00070
-34.65	-50.20	0.00068	-33.23	-51.62	0.00066
-31.82	-53.03	0.00064	-30.41	-54.45	0.00062
-28.28	-56.57	0.00060	-24.75	-60.10	0.00055
-21.21	-63.64	0.00051	-14.14	-70.71	0.00044
-7.07	-77.78	0.00038	0.00	-84.85	0.00033
7.07	-91.92	0.00029	14.14	-98.99	0.00025
21.21	-106.07	0.00022	28.28	-113.14	0.00019
-106.07	35.36	0.00090	-98.99	28.28	0.00092
-91.92	21.21	0.00092	-84.85	14.14	0.00091
-77.78	7.07	0.00089	-70.71	0.00	0.00087
-63.64	-7.07	0.00085	-56.57	-14.14	0.00083
-53.03	-17.68	0.00082	-49.50	-21.21	0.00080
-47.38	-23.33	0.00079	-45.96	-24.75	0.00078
-44.55	-26.16	0.00077	-43.13	-27.58	0.00076
-41.72	-28.99	0.00074	-28.99	-41.72	0.00060
-27.58	-43.13	0.00059	-26.16	-44.55	0.00057
-24.75	-45.96	0.00056	-23.33	-47.38	0.00055
-21.21	-49.50	0.00052	-17.68	-53.03	0.00049

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-14.14	-56.57	0.00046	-7.07	-63.64	0.00039
0.00	-70.71	0.00034	7.07	-77.78	0.00030
14.14	-84.85	0.00027	21.21	-91.92	0.00024
28.28	-98.99	0.00021	35.36	-106.07	0.00018
-98.99	42.43	0.00079	-91.92	35.36	0.00080
-84.85	28.28	0.00080	-77.78	21.21	0.00078
-70.71	14.14	0.00076	-63.64	7.07	0.00075
-56.57	0.00	0.00073	-49.50	-7.07	0.00072
-45.96	-10.61	0.00071	-42.43	-14.14	0.00069

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
 PAGE 111
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00068	-38.89	-17.68	0.00067
-37.48	-19.09	0.00066	-36.06	-20.51	0.00065
-34.65	-21.92	0.00064	-21.92	-34.65	0.00053
-20.51	-36.06	0.00051	-19.09	-37.48	0.00050
-17.68	-38.89	0.00049	-16.26	-40.31	0.00048
-14.14	-42.43	0.00046	-10.61	-45.96	0.00044
-7.07	-49.50	0.00041	0.00	-56.57	0.00036
7.07	-63.64	0.00031	14.14	-70.71	0.00028
21.21	-77.78	0.00025	28.28	-84.85	0.00022
35.36	-91.92	0.00020	42.43	-98.99	0.00018
-91.92	49.50	0.00070	-84.85	42.43	0.00070
-77.78	35.36	0.00069	-70.71	28.28	0.00067
-63.64	21.21	0.00066	-56.57	14.14	0.00065
-49.50	7.07	0.00064	-42.43	0.00	0.00062
-38.89	-3.54	0.00061	-35.36	-7.07	0.00060
-33.23	-9.19	0.00059	-31.82	-10.61	0.00058
-30.41	-12.02	0.00057	-28.99	-13.44	0.00057
-27.58	-14.85	0.00056	-14.85	-27.58	0.00046
-13.44	-28.99	0.00045	-12.02	-30.41	0.00044
-10.61	-31.82	0.00044	-9.19	-33.23	0.00043
-7.07	-35.36	0.00041	-3.54	-38.89	0.00039
0.00	-42.43	0.00037	7.07	-49.50	0.00033
14.14	-56.57	0.00029	21.21	-63.64	0.00025
28.28	-70.71	0.00023	35.36	-77.78	0.00021
42.43	-84.85	0.00019	49.50	-91.92	0.00017

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-84.85	56.57	0.00062	-77.78	49.50	0.00061
-70.71	42.43	0.00060	-63.64	35.36	0.00059
-56.57	28.28	0.00058	-49.50	21.21	0.00057
-42.43	14.14	0.00056	-35.36	7.07	0.00055
-31.82	3.54	0.00054	-28.28	0.00	0.00053
-26.16	-2.12	0.00052	-24.75	-3.54	0.00051
-23.33	-4.95	0.00050	-21.92	-6.36	0.00050
-20.51	-7.78	0.00049	-7.78	-20.51	0.00041
-6.36	-21.92	0.00040	-4.95	-23.33	0.00040
-3.54	-24.75	0.00039	-2.12	-26.16	0.00038
0.00	-28.28	0.00037	3.54	-31.82	0.00035
7.07	-35.36	0.00033	14.14	-42.43	0.00030
21.21	-49.50	0.00026	28.28	-56.57	0.00023
35.36	-63.64	0.00021	42.43	-70.71	0.00019
49.50	-77.78	0.00018	56.57	-84.85	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
 PAGE 112
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00055	-70.71	56.57	0.00054
-63.64	49.50	0.00053	-56.57	42.43	0.00052
-49.50	35.36	0.00051	-42.43	28.28	0.00050
-35.36	21.21	0.00049	-28.28	14.14	0.00048
-24.75	10.61	0.00048	-21.21	7.07	0.00046
-19.09	4.95	0.00046	-17.68	3.54	0.00045
-16.26	2.12	0.00044	-14.85	0.71	0.00044
-13.44	-0.71	0.00043	-0.71	-13.44	0.00037
0.71	-14.85	0.00036	2.12	-16.26	0.00035
3.54	-17.68	0.00035	4.95	-19.09	0.00034
7.07	-21.21	0.00033	10.61	-24.75	0.00032
14.14	-28.28	0.00030	21.21	-35.36	0.00027
28.28	-42.43	0.00024	35.36	-49.50	0.00022
42.43	-56.57	0.00020	49.50	-63.64	0.00018
56.57	-70.71	0.00016	63.64	-77.78	0.00015
-70.71	70.71	0.00048	-63.64	63.64	0.00048
-56.57	56.57	0.00047	-49.50	49.50	0.00046
-42.43	42.43	0.00045	-35.36	35.36	0.00045
-28.28	28.28	0.00044	-21.21	21.21	0.00043

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-17.68	17.68	0.00042	-14.14	14.14	0.00041
-12.02	12.02	0.00041	-10.61	10.61	0.00040
-9.19	9.19	0.00040	-7.78	7.78	0.00039
-6.36	6.36	0.00038	6.36	-6.36	0.00033
7.78	-7.78	0.00033	9.19	-9.19	0.00032
10.61	-10.61	0.00031	12.02	-12.02	0.00031
14.14	-14.14	0.00030	17.68	-17.68	0.00029
21.21	-21.21	0.00028	28.28	-28.28	0.00025
35.36	-35.36	0.00023	42.43	-42.43	0.00020
49.50	-49.50	0.00018	56.57	-56.57	0.00017
63.64	-63.64	0.00015	70.71	-70.71	0.00014
-63.64	77.78	0.00043	-56.57	70.71	0.00042
-49.50	63.64	0.00042	-42.43	56.57	0.00041
-35.36	49.50	0.00041	-28.28	42.43	0.00040
-21.21	35.36	0.00040	-14.14	28.28	0.00039
-10.61	24.75	0.00038	-7.07	21.21	0.00037
-4.95	19.09	0.00036	-3.54	17.68	0.00036
-2.12	16.26	0.00035	-0.71	14.85	0.00035
0.71	13.44	0.00035	13.44	0.71	0.00030
14.85	-0.71	0.00029	16.26	-2.12	0.00029
17.68	-3.54	0.00028	19.09	-4.95	0.00028

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:
 PAGE 113

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00027	24.75	-10.61	0.00026
28.28	-14.14	0.00025	35.36	-21.21	0.00023
42.43	-28.28	0.00021	49.50	-35.36	0.00019
56.57	-42.43	0.00017	63.64	-49.50	0.00016
70.71	-56.57	0.00014	77.78	-63.64	0.00013
-56.57	84.85	0.00039	-49.50	77.78	0.00038
-42.43	70.71	0.00038	-35.36	63.64	0.00037
-28.28	56.57	0.00037	-21.21	49.50	0.00036
-14.14	42.43	0.00036	-7.07	35.36	0.00035
-3.54	31.82	0.00034	0.00	28.28	0.00033
2.12	26.16	0.00033	3.54	24.75	0.00032
4.95	23.33	0.00032	6.36	21.92	0.00032
7.78	20.51	0.00031	20.51	7.78	0.00027

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

21.92	6.36	0.00027	23.33	4.95	0.00026
24.75	3.54	0.00026	26.16	2.12	0.00026
28.28	0.00	0.00025	31.82	-3.54	0.00024
35.36	-7.07	0.00023	42.43	-14.14	0.00021
49.50	-21.21	0.00019	56.57	-28.28	0.00018
63.64	-35.36	0.00016	70.71	-42.43	0.00015
77.78	-49.50	0.00014	84.85	-56.57	0.00013
-49.50	91.92	0.00035	-42.43	84.85	0.00034
-35.36	77.78	0.00034	-28.28	70.71	0.00034
-21.21	63.64	0.00033	-14.14	56.57	0.00033
-7.07	49.50	0.00032	0.00	42.43	0.00032
3.54	38.89	0.00031	7.07	35.36	0.00030
9.19	33.23	0.00030	10.61	31.82	0.00029
12.02	30.41	0.00029	13.44	28.99	0.00029
14.85	27.58	0.00028	27.58	14.85	0.00025
28.99	13.44	0.00024	30.41	12.02	0.00024
31.82	10.61	0.00024	33.23	9.19	0.00023
35.36	7.07	0.00023	38.89	3.54	0.00022
42.43	0.00	0.00021	49.50	-7.07	0.00020
56.57	-14.14	0.00018	63.64	-21.21	0.00017
70.71	-28.28	0.00015	77.78	-35.36	0.00014
84.85	-42.43	0.00013	91.92	-49.50	0.00012
-42.43	98.99	0.00032	-35.36	91.92	0.00031
-28.28	84.85	0.00031	-21.21	77.78	0.00031
-14.14	70.71	0.00030	-7.07	63.64	0.00030
0.00	56.57	0.00030	7.07	49.50	0.00029
10.61	45.96	0.00028	14.14	42.43	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
 PAGE 114
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00027	17.68	38.89	0.00027
19.09	37.48	0.00026	20.51	36.06	0.00026
21.92	34.65	0.00026	34.65	21.92	0.00023
36.06	20.51	0.00022	37.48	19.09	0.00022
38.89	17.68	0.00022	40.31	16.26	0.00022
42.43	14.14	0.00021	45.96	10.61	0.00020
49.50	7.07	0.00020	56.57	0.00	0.00018

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

63.64	-7.07	0.00017	70.71	-14.14	0.00016
77.78	-21.21	0.00014	84.85	-28.28	0.00013
91.92	-35.36	0.00012	98.99	-42.43	0.00011
-35.36	106.07	0.00029	-28.28	98.99	0.00029
-21.21	91.92	0.00028	-14.14	84.85	0.00028
-7.07	77.78	0.00028	0.00	70.71	0.00027
7.07	63.64	0.00027	14.14	56.57	0.00026
17.68	53.03	0.00026	21.21	49.50	0.00025
23.33	47.38	0.00025	24.75	45.96	0.00024
26.16	44.55	0.00024	27.58	43.13	0.00024
28.99	41.72	0.00024	41.72	28.99	0.00021
43.13	27.58	0.00021	44.55	26.16	0.00020
45.96	24.75	0.00020	47.38	23.33	0.00020
49.50	21.21	0.00019	53.03	17.68	0.00019
56.57	14.14	0.00018	63.64	7.07	0.00017
70.71	0.00	0.00016	77.78	-7.07	0.00015
84.85	-14.14	0.00013	91.92	-21.21	0.00012
98.99	-28.28	0.00011	106.07	-35.36	0.00011
-28.28	113.14	0.00026	-21.21	106.07	0.00026
-14.14	98.99	0.00026	-7.07	91.92	0.00026
0.00	84.85	0.00026	7.07	77.78	0.00025
14.14	70.71	0.00025	21.21	63.64	0.00024
24.75	60.10	0.00024	28.28	56.57	0.00023
30.41	54.45	0.00023	31.82	53.03	0.00022
33.23	51.62	0.00022	34.65	50.20	0.00022
36.06	48.79	0.00022	48.79	36.06	0.00019
50.20	34.65	0.00019	51.62	33.23	0.00019
53.03	31.82	0.00019	54.45	30.41	0.00018
56.57	28.28	0.00018	60.10	24.75	0.00017
63.64	21.21	0.00017	70.71	14.14	0.00016
77.78	7.07	0.00015	84.85	0.00	0.00014
91.92	-7.07	0.00013	98.99	-14.14	0.00012
106.07	-21.21	0.00011	113.14	-28.28	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
 PAGE 115
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00024	-14.14	113.14	0.00024

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-7.07	106.07	0.00024	0.00	98.99	0.00024
7.07	91.92	0.00024	14.14	84.85	0.00023
21.21	77.78	0.00023	28.28	70.71	0.00022
31.82	67.18	0.00022	35.36	63.64	0.00021
37.48	61.52	0.00021	38.89	60.10	0.00021
40.31	58.69	0.00020	41.72	57.28	0.00020
43.13	55.86	0.00020	55.86	43.13	0.00018
57.28	41.72	0.00018	58.69	40.31	0.00018
60.10	38.89	0.00017	61.52	37.48	0.00017
63.64	35.36	0.00017	67.18	31.82	0.00016
70.71	28.28	0.00016	77.78	21.21	0.00015
84.85	14.14	0.00014	91.92	7.07	0.00013
98.99	0.00	0.00012	106.07	-7.07	0.00011
113.14	-14.14	0.00010	120.21	-21.21	0.00010
-14.14	127.28	0.00023	-7.07	120.21	0.00022
0.00	113.14	0.00022	7.07	106.07	0.00022
14.14	98.99	0.00022	21.21	91.92	0.00022
28.28	84.85	0.00021	35.36	77.78	0.00020
38.89	74.25	0.00020	42.43	70.71	0.00020
44.55	68.59	0.00019	45.96	67.18	0.00019
47.38	65.76	0.00019	48.79	64.35	0.00019
50.20	62.93	0.00019	62.93	50.20	0.00017
64.35	48.79	0.00016	65.76	47.38	0.00016
67.18	45.96	0.00016	68.59	44.55	0.00016
70.71	42.43	0.00016	74.25	38.89	0.00015
77.78	35.36	0.00015	84.85	28.28	0.00014
91.92	21.21	0.00013	98.99	14.14	0.00012
106.07	7.07	0.00011	113.14	0.00	0.00011
120.21	-7.07	0.00010	127.28	-14.14	0.00009
-7.07	134.35	0.00021	0.00	127.28	0.00021
7.07	120.21	0.00021	14.14	113.14	0.00020
21.21	106.07	0.00020	28.28	98.99	0.00020
35.36	91.92	0.00020	42.43	84.85	0.00019
45.96	81.32	0.00019	49.50	77.78	0.00018
51.62	75.66	0.00018	53.03	74.25	0.00018
54.45	72.83	0.00018	55.86	71.42	0.00017
57.28	70.00	0.00017	70.00	57.28	0.00016
71.42	55.86	0.00015	72.83	54.45	0.00015
74.25	53.03	0.00015	75.66	51.62	0.00015

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

18:03:23

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00015	81.32	45.96	0.00014
84.85	42.43	0.00014	91.92	35.36	0.00013
98.99	28.28	0.00012	106.07	21.21	0.00012
113.14	14.14	0.00011	120.21	7.07	0.00010
127.28	0.00	0.00009	134.35	-7.07	0.00009
0.00	141.42	0.00019	7.07	134.35	0.00019
14.14	127.28	0.00019	21.21	120.21	0.00019
28.28	113.14	0.00019	35.36	106.07	0.00019
42.43	98.99	0.00018	49.50	91.92	0.00018
53.03	88.39	0.00017	56.57	84.85	0.00017
58.69	82.73	0.00017	60.10	81.32	0.00016
61.52	79.90	0.00016	62.93	78.49	0.00016
64.35	77.07	0.00016	77.07	64.35	0.00015
78.49	62.93	0.00014	79.90	61.52	0.00014
81.32	60.10	0.00014	82.73	58.69	0.00014
84.85	56.57	0.00014	88.39	53.03	0.00013
91.92	49.50	0.00013	98.99	42.43	0.00012
106.07	35.36	0.00012	113.14	28.28	0.00011
120.21	21.21	0.00010	127.28	14.14	0.00010
134.35	7.07	0.00009	141.42	0.00	0.00008
7.07	148.49	0.00018	14.14	141.42	0.00018
21.21	134.35	0.00018	28.28	127.28	0.00018
35.36	120.21	0.00018	42.43	113.14	0.00017
49.50	106.07	0.00017	56.57	98.99	0.00016
60.10	95.46	0.00016	63.64	91.92	0.00016
65.76	89.80	0.00016	67.18	88.39	0.00015
68.59	86.97	0.00015	70.00	85.56	0.00015
71.42	84.15	0.00015	84.15	71.42	0.00014
85.56	70.00	0.00013	86.97	68.59	0.00013
88.39	67.18	0.00013	89.80	65.76	0.00013
91.92	63.64	0.00013	95.46	60.10	0.00012
98.99	56.57	0.00012	106.07	49.50	0.00012
113.14	42.43	0.00011	120.21	35.36	0.00010
127.28	28.28	0.00010	134.35	21.21	0.00009
141.42	14.14	0.00009	148.49	7.07	0.00008
14.14	155.56	0.00017	21.21	148.49	0.00017
28.28	141.42	0.00017	35.36	134.35	0.00017
42.43	127.28	0.00016	49.50	120.21	0.00016
56.57	113.14	0.00016	63.64	106.07	0.00015

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

67.18 102.53 0.00015 70.71 98.99 0.00015

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00015	74.25	95.46	0.00014
75.66	94.05	0.00014	77.07	92.63	0.00014
78.49	91.22	0.00014	91.22	78.49	0.00013
92.63	77.07	0.00013	94.05	75.66	0.00013
95.46	74.25	0.00012	96.87	72.83	0.00012
98.99	70.71	0.00012	102.53	67.18	0.00012
106.07	63.64	0.00011	113.14	56.57	0.00011
120.21	49.50	0.00010	127.28	42.43	0.00010
134.35	35.36	0.00009	141.42	28.28	0.00009
148.49	21.21	0.00008	155.56	14.14	0.00008
21.21	162.63	0.00016	28.28	155.56	0.00016
35.36	148.49	0.00016	42.43	141.42	0.00016
49.50	134.35	0.00015	56.57	127.28	0.00015
63.64	120.21	0.00015	70.71	113.14	0.00014
74.25	109.60	0.00014	77.78	106.07	0.00014
79.90	103.94	0.00014	81.32	102.53	0.00013
82.73	101.12	0.00013	84.15	99.70	0.00013
85.56	98.29	0.00013	98.29	85.56	0.00012
99.70	84.15	0.00012	101.12	82.73	0.00012
102.53	81.32	0.00012	103.94	79.90	0.00012
106.07	77.78	0.00011	109.60	74.25	0.00011
113.14	70.71	0.00011	120.21	63.64	0.00010
127.28	56.57	0.00010	134.35	49.50	0.00009
141.42	42.43	0.00009	148.49	35.36	0.00008
155.56	28.28	0.00008	162.63	21.21	0.00007
28.28	169.71	0.00015	35.36	162.63	0.00015
42.43	155.56	0.00015	49.50	148.49	0.00015
56.57	141.42	0.00014	63.64	134.35	0.00014
70.71	127.28	0.00014	77.78	120.21	0.00013
81.32	116.67	0.00013	84.85	113.14	0.00013
86.97	111.02	0.00013	88.39	109.60	0.00013
89.80	108.19	0.00013	91.22	106.77	0.00012
92.63	105.36	0.00012	105.36	92.63	0.00011

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

106.77	91.22	0.00011	108.19	89.80	0.00011
109.60	88.39	0.00011	111.02	86.97	0.00011
113.14	84.85	0.00011	116.67	81.32	0.00010
120.21	77.78	0.00010	127.28	70.71	0.00010
134.35	63.64	0.00009	141.42	56.57	0.00009
148.49	49.50	0.00008	155.56	42.43	0.00008
162.63	35.36	0.00007	169.71	28.28	0.00007

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00014	42.43	169.71	0.00014
49.50	162.63	0.00014	56.57	155.56	0.00014
63.64	148.49	0.00014	70.71	141.42	0.00013
77.78	134.35	0.00013	84.85	127.28	0.00013
88.39	123.74	0.00012	91.92	120.21	0.00012
94.05	118.09	0.00012	95.46	116.67	0.00012
96.87	115.26	0.00012	98.29	113.84	0.00012
99.70	112.43	0.00012	112.43	99.70	0.00011
113.84	98.29	0.00011	115.26	96.87	0.00010
116.67	95.46	0.00010	118.09	94.05	0.00010
120.21	91.92	0.00010	123.74	88.39	0.00010
127.28	84.85	0.00010	134.35	77.78	0.00009
141.42	70.71	0.00009	148.49	63.64	0.00008
155.56	56.57	0.00008	162.63	49.50	0.00008
169.71	42.43	0.00007	176.78	35.36	0.00007
42.43	183.85	0.00013	49.50	176.78	0.00013
56.57	169.71	0.00013	63.64	162.63	0.00013
70.71	155.56	0.00013	77.78	148.49	0.00013
84.85	141.42	0.00012	91.92	134.35	0.00012
95.46	130.81	0.00012	98.99	127.28	0.00011
101.12	125.16	0.00011	102.53	123.74	0.00011
103.94	122.33	0.00011	105.36	120.92	0.00011
106.77	119.50	0.00011	119.50	106.77	0.00010
120.92	105.36	0.00010	122.33	103.94	0.00010
123.74	102.53	0.00010	125.16	101.12	0.00010
127.28	98.99	0.00010	130.81	95.46	0.00009
134.35	91.92	0.00009	141.42	84.85	0.00009

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

148.49	77.78	0.00008	155.56	70.71	0.00008
162.63	63.64	0.00008	169.71	56.57	0.00007
176.78	49.50	0.00007	183.85	42.43	0.00007
49.50	190.92	0.00013	56.57	183.85	0.00012
63.64	176.78	0.00012	70.71	169.71	0.00012
77.78	162.63	0.00012	84.85	155.56	0.00012
91.92	148.49	0.00012	98.99	141.42	0.00011
102.53	137.89	0.00011	106.07	134.35	0.00011
108.19	132.23	0.00011	109.60	130.81	0.00011
111.02	129.40	0.00011	112.43	127.99	0.00010
113.84	126.57	0.00010	126.57	113.84	0.00010
127.99	112.43	0.00009	129.40	111.02	0.00009
130.81	109.60	0.00009	132.23	108.19	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00009	137.89	102.53	0.00009
141.42	98.99	0.00009	148.49	91.92	0.00008
155.56	84.85	0.00008	162.63	77.78	0.00008
169.71	70.71	0.00007	176.78	63.64	0.00007
183.85	56.57	0.00007	190.92	49.50	0.00006
56.57	197.99	0.00012	63.64	190.92	0.00012
70.71	183.85	0.00012	77.78	176.78	0.00012
84.85	169.71	0.00011	91.92	162.63	0.00011
98.99	155.56	0.00011	106.07	148.49	0.00011
109.60	144.96	0.00010	113.14	141.42	0.00010
115.26	139.30	0.00010	116.67	137.89	0.00010
118.09	136.47	0.00010	119.50	135.06	0.00010
120.92	133.64	0.00010	133.64	120.92	0.00009
135.06	119.50	0.00009	136.47	118.09	0.00009
137.89	116.67	0.00009	139.30	115.26	0.00009
141.42	113.14	0.00009	144.96	109.60	0.00008
148.49	106.07	0.00008	155.56	98.99	0.00008
162.63	91.92	0.00008	169.71	84.85	0.00007
176.78	77.78	0.00007	183.85	70.71	0.00007
190.92	63.64	0.00006	197.99	56.57	0.00006
63.64	205.06	0.00011	70.71	197.99	0.00011

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

77.78	190.92	0.00011	84.85	183.85	0.00011
91.92	176.78	0.00011	98.99	169.71	0.00011
106.07	162.63	0.00010	113.14	155.56	0.00010
116.67	152.03	0.00010	120.21	148.49	0.00010
122.33	146.37	0.00010	123.74	144.96	0.00010
125.16	143.54	0.00009	126.57	142.13	0.00009
127.99	140.71	0.00009	140.71	127.99	0.00009
142.13	126.57	0.00009	143.54	125.16	0.00008
144.96	123.74	0.00008	146.37	122.33	0.00008
148.49	120.21	0.00008	152.03	116.67	0.00008
155.56	113.14	0.00008	162.63	106.07	0.00008
169.71	98.99	0.00007	176.78	91.92	0.00007
183.85	84.85	0.00007	190.92	77.78	0.00006
197.99	70.71	0.00006	205.06	63.64	0.00006
70.71	212.13	0.00011	77.78	205.06	0.00011
84.85	197.99	0.00011	91.92	190.92	0.00010
98.99	183.85	0.00010	106.07	176.78	0.00010
113.14	169.71	0.00010	120.21	162.63	0.00010
123.74	159.10	0.00009	127.28	155.56	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00009	130.81	152.03	0.00009
132.23	150.61	0.00009	133.64	149.20	0.00009
135.06	147.79	0.00009	147.79	135.06	0.00008
149.20	133.64	0.00008	150.61	132.23	0.00008
152.03	130.81	0.00008	153.44	129.40	0.00008
155.56	127.28	0.00008	159.10	123.74	0.00008
162.63	120.21	0.00008	169.71	113.14	0.00007
176.78	106.07	0.00007	183.85	98.99	0.00007
190.92	91.92	0.00006	197.99	84.85	0.00006
205.06	77.78	0.00006	212.13	70.71	0.00006
77.78	219.20	0.00010	84.85	212.13	0.00010
91.92	205.06	0.00010	98.99	197.99	0.00010
106.07	190.92	0.00010	113.14	183.85	0.00010
120.21	176.78	0.00009	127.28	169.71	0.00009
130.81	166.17	0.00009	134.35	162.63	0.00009

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

136.47	160.51	0.00009	137.89	159.10	0.00009
139.30	157.68	0.00009	140.71	156.27	0.00008
142.13	154.86	0.00008	154.86	142.13	0.00008
156.27	140.71	0.00008	157.68	139.30	0.00008
159.10	137.89	0.00008	160.51	136.47	0.00008
162.63	134.35	0.00007	166.17	130.81	0.00007
169.71	127.28	0.00007	176.78	120.21	0.00007
183.85	113.14	0.00007	190.92	106.07	0.00006
197.99	98.99	0.00006	205.06	91.92	0.00006
212.13	84.85	0.00006	219.20	77.78	0.00005
84.85	226.27	0.00010	91.92	219.20	0.00010
98.99	212.13	0.00010	106.07	205.06	0.00009
113.14	197.99	0.00009	120.21	190.92	0.00009
127.28	183.85	0.00009	134.35	176.78	0.00009
137.89	173.24	0.00008	141.42	169.71	0.00008
143.54	167.58	0.00008	144.96	166.17	0.00008
146.37	164.76	0.00008	147.79	163.34	0.00008
149.20	161.93	0.00008	161.93	149.20	0.00007
163.34	147.79	0.00007	164.76	146.37	0.00007
166.17	144.96	0.00007	167.58	143.54	0.00007
169.71	141.42	0.00007	173.24	137.89	0.00007
176.78	134.35	0.00007	183.85	127.28	0.00007
190.92	120.21	0.00006	197.99	113.14	0.00006
205.06	106.07	0.00006	212.13	98.99	0.00006
219.20	91.92	0.00005	226.27	84.85	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00009	98.99	226.27	0.00009
106.07	219.20	0.00009	113.14	212.13	0.00009
120.21	205.06	0.00009	127.28	197.99	0.00009
134.35	190.92	0.00008	141.42	183.85	0.00008
144.96	180.31	0.00008	148.49	176.78	0.00008
150.61	174.66	0.00008	152.03	173.24	0.00008
153.44	171.83	0.00008	154.86	170.41	0.00008
156.27	169.00	0.00008	169.00	156.27	0.00007
170.41	154.86	0.00007	171.83	153.44	0.00007

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

173.24	152.03	0.00007	174.66	150.61	0.00007
176.78	148.49	0.00007	180.31	144.96	0.00007
183.85	141.42	0.00007	190.92	134.35	0.00006
197.99	127.28	0.00006	205.06	120.21	0.00006
212.13	113.14	0.00006	219.20	106.07	0.00005
226.27	98.99	0.00005	233.35	91.92	0.00005
98.99	240.42	0.00009	106.07	233.35	0.00009
113.14	226.27	0.00009	120.21	219.20	0.00009
127.28	212.13	0.00008	134.35	205.06	0.00008
141.42	197.99	0.00008	148.49	190.92	0.00008
152.03	187.38	0.00008	155.56	183.85	0.00008
157.68	181.73	0.00007	159.10	180.31	0.00007
160.51	178.90	0.00007	161.93	177.48	0.00007
163.34	176.07	0.00007	176.07	163.34	0.00007
177.48	161.93	0.00007	178.90	160.51	0.00007
180.31	159.10	0.00007	181.73	157.68	0.00007
183.85	155.56	0.00007	187.38	152.03	0.00006
190.92	148.49	0.00006	197.99	141.42	0.00006
205.06	134.35	0.00006	212.13	127.28	0.00006
219.20	120.21	0.00005	226.27	113.14	0.00005
233.35	106.07	0.00005	240.42	98.99	0.00005
106.07	247.49	0.00008	113.14	240.42	0.00008
120.21	233.35	0.00008	127.28	226.27	0.00008
134.35	219.20	0.00008	141.42	212.13	0.00008
148.49	205.06	0.00008	155.56	197.99	0.00007
159.10	194.45	0.00007	162.63	190.92	0.00007
164.76	188.80	0.00007	166.17	187.38	0.00007
167.58	185.97	0.00007	169.00	184.55	0.00007
170.41	183.14	0.00007	183.14	170.41	0.00007
184.55	169.00	0.00006	185.97	167.58	0.00006
187.38	166.17	0.00006	188.80	164.76	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00006	194.45	159.10	0.00006
197.99	155.56	0.00006	205.06	148.49	0.00006
212.13	141.42	0.00006	219.20	134.35	0.00005

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

226.27	127.28	0.00005	233.35	120.21	0.00005
240.42	113.14	0.00005	247.49	106.07	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00165	-240.42	-113.14	0.00183
-233.35	-120.21	0.00204	-226.27	-127.28	0.00229
-219.20	-134.35	0.00260	-212.13	-141.42	0.00296
-205.06	-148.49	0.00340	-197.99	-155.56	0.00391
-194.45	-159.10	0.00420	-190.92	-162.63	0.00449
-188.80	-164.76	0.00465	-187.38	-166.17	0.00476
-185.97	-167.58	0.00485	-184.55	-169.00	0.00494
-183.14	-170.41	0.00502	-170.41	-183.14	0.00492
-169.00	-184.55	0.00485	-167.58	-185.97	0.00478
-166.17	-187.38	0.00471	-164.76	-188.80	0.00464
-162.63	-190.92	0.00453	-159.10	-194.45	0.00431
-155.56	-197.99	0.00408	-148.49	-205.06	0.00360
-141.42	-212.13	0.00316	-134.35	-219.20	0.00279
-127.28	-226.27	0.00248	-120.21	-233.35	0.00222
-113.14	-240.42	0.00200	-106.07	-247.49	0.00181
-240.42	-98.99	0.00168	-233.35	-106.07	0.00188
-226.27	-113.14	0.00210	-219.20	-120.21	0.00237
-212.13	-127.28	0.00269	-205.06	-134.35	0.00309
-197.99	-141.42	0.00358	-190.92	-148.49	0.00418
-187.38	-152.03	0.00454	-183.85	-155.56	0.00493
-181.73	-157.68	0.00517	-180.31	-159.10	0.00534
-178.90	-160.51	0.00550	-177.48	-161.93	0.00565
-176.07	-163.34	0.00579	-163.34	-176.07	0.00575
-161.93	-177.48	0.00565	-160.51	-178.90	0.00554
-159.10	-180.31	0.00543	-157.68	-181.73	0.00530
-155.56	-183.85	0.00510	-152.03	-187.38	0.00476
-148.49	-190.92	0.00443	-141.42	-197.99	0.00383
-134.35	-205.06	0.00333	-127.28	-212.13	0.00291
-120.21	-219.20	0.00257	-113.14	-226.27	0.00229
-106.07	-233.35	0.00205	-98.99	-240.42	0.00185
-233.35	-91.92	0.00173	-226.27	-99.00	0.00193
-219.20	-106.07	0.00216	-212.13	-113.14	0.00244

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-205.06	-120.21	0.00279	-197.99	-127.28	0.00321
-190.92	-134.35	0.00373	-183.85	-141.42	0.00439
-180.31	-144.96	0.00479	-176.78	-148.49	0.00525
-174.66	-150.61	0.00556	-173.24	-152.03	0.00579
-171.83	-153.44	0.00603	-170.41	-154.86	0.00631
-169.00	-156.27	0.00661	-156.27	-169.00	0.00674
-154.86	-170.41	0.00649	-153.44	-171.83	0.00625
-152.03	-173.24	0.00603	-150.61	-174.66	0.00583

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00553	-144.96	-180.31	0.00509
-141.42	-183.85	0.00468	-134.35	-190.92	0.00400
-127.28	-197.99	0.00345	-120.21	-205.06	0.00301
-113.14	-212.13	0.00264	-106.07	-219.20	0.00234
-98.99	-226.27	0.00209	-91.92	-233.35	0.00188
-226.27	-84.85	0.00178	-219.20	-91.92	0.00198
-212.13	-99.00	0.00223	-205.06	-106.07	0.00253
-197.99	-113.14	0.00290	-190.92	-120.21	0.00335
-183.85	-127.28	0.00392	-176.78	-134.35	0.00464
-173.24	-137.89	0.00508	-169.71	-141.42	0.00561
-167.58	-143.54	0.00599	-166.17	-144.96	0.00627
-164.76	-146.37	0.00660	-163.34	-147.79	0.00703
-161.93	-149.20	0.00759	-149.20	-161.93	0.00725
-147.79	-163.34	0.00690	-146.37	-164.76	0.00660
-144.96	-166.17	0.00634	-143.54	-167.58	0.00610
-141.42	-169.71	0.00577	-137.89	-173.24	0.00528
-134.35	-176.78	0.00484	-127.28	-183.85	0.00412
-120.21	-190.92	0.00354	-113.14	-197.99	0.00308
-106.07	-205.06	0.00270	-98.99	-212.13	0.00238
-91.92	-219.20	0.00213	-84.85	-226.27	0.00191
-219.20	-77.78	0.00183	-212.13	-84.85	0.00206
-205.06	-91.92	0.00232	-197.99	-99.00	0.00265
-190.92	-106.07	0.00305	-183.85	-113.14	0.00356
-176.78	-120.21	0.00423	-169.71	-127.28	0.00517
-166.17	-130.81	0.00582	-162.63	-134.35	0.00668
-160.51	-136.47	0.00732	-159.10	-137.89	0.00780

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-157.68	-139.30	0.00833	-156.27	-140.71	0.00891
-154.86	-142.13	0.00958	-142.13	-154.86	0.00771
-140.71	-156.27	0.00727	-139.30	-157.68	0.00691
-137.89	-159.10	0.00660	-136.47	-160.51	0.00632
-134.35	-162.63	0.00595	-130.81	-166.17	0.00542
-127.28	-169.71	0.00497	-120.21	-176.78	0.00421
-113.14	-183.85	0.00361	-106.07	-190.92	0.00313
-98.99	-197.99	0.00274	-91.92	-205.06	0.00242
-84.85	-212.13	0.00215	-77.78	-219.20	0.00193
-212.13	-70.71	0.00190	-205.06	-77.78	0.00214
-197.99	-84.85	0.00244	-190.92	-91.92	0.00280
-183.85	-98.99	0.00327	-176.78	-106.07	0.00389
-169.71	-113.14	0.00476	-162.63	-120.21	0.00605
-159.10	-123.74	0.00690	-155.56	-127.28	0.00790

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00856	-152.03	-130.81	0.00904
-150.61	-132.23	0.00954	-149.20	-133.64	0.01007
-147.79	-135.06	0.01069	-135.06	-147.79	0.00818
-133.64	-149.20	0.00767	-132.23	-150.61	0.00726
-130.81	-152.03	0.00690	-129.40	-153.44	0.00659
-127.28	-155.56	0.00617	-123.74	-159.10	0.00558
-120.21	-162.63	0.00509	-113.14	-169.71	0.00429
-106.07	-176.78	0.00367	-98.99	-183.85	0.00317
-91.92	-190.92	0.00277	-84.85	-197.99	0.00244
-77.78	-205.06	0.00217	-70.71	-212.13	0.00195
-205.06	-63.64	0.00198	-197.99	-70.71	0.00225
-190.92	-77.78	0.00258	-183.85	-84.85	0.00301
-176.78	-91.92	0.00357	-169.71	-98.99	0.00433
-162.63	-106.07	0.00540	-155.56	-113.14	0.00686
-152.03	-116.67	0.00773	-148.49	-120.21	0.00870
-146.37	-122.33	0.00934	-144.96	-123.74	0.00978
-143.54	-125.16	0.01026	-142.13	-126.57	0.01078
-140.71	-127.99	0.01138	-127.99	-140.71	0.00855
-126.57	-142.13	0.00801	-125.16	-143.54	0.00757
-123.74	-144.96	0.00718	-122.33	-146.37	0.00684

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-120.21	-148.49	0.00639	-116.67	-152.03	0.00575
-113.14	-155.56	0.00522	-106.07	-162.63	0.00437
-98.99	-169.71	0.00372	-91.92	-176.78	0.00321
-84.85	-183.85	0.00280	-77.78	-190.92	0.00247
-70.71	-197.99	0.00219	-63.64	-205.06	0.00196
-197.99	-56.57	0.00208	-190.92	-63.64	0.00238
-183.85	-70.71	0.00277	-176.78	-77.78	0.00326
-169.71	-84.85	0.00392	-162.63	-91.92	0.00480
-155.56	-98.99	0.00597	-148.49	-106.07	0.00744
-144.96	-109.60	0.00829	-141.42	-113.14	0.00924
-139.30	-115.26	0.00985	-137.89	-116.67	0.01029
-136.47	-118.09	0.01076	-135.06	-119.50	0.01127
-133.64	-120.92	0.01185	-120.92	-133.64	0.00885
-119.50	-135.06	0.00828	-118.09	-136.47	0.00781
-116.67	-137.89	0.00741	-115.26	-139.30	0.00705
-113.14	-141.42	0.00658	-109.60	-144.96	0.00591
-106.07	-148.49	0.00535	-98.99	-155.56	0.00445
-91.92	-162.63	0.00378	-84.85	-169.71	0.00325
-77.78	-176.78	0.00283	-70.71	-183.85	0.00249
-63.64	-190.92	0.00220	-56.57	-197.99	0.00197

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTS:
 PAGE 126
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00220	-183.85	-56.57	0.00254
-176.78	-63.64	0.00298	-169.71	-70.71	0.00354
-162.63	-77.78	0.00427	-155.56	-84.85	0.00521
-148.49	-91.92	0.00640	-141.42	-98.99	0.00785
-137.89	-102.53	0.00869	-134.35	-106.07	0.00961
-132.23	-108.19	0.01022	-130.81	-109.60	0.01066
-129.40	-111.02	0.01112	-127.99	-112.43	0.01162
-126.57	-113.84	0.01219	-113.84	-126.57	0.00908
-112.43	-127.99	0.00849	-111.02	-129.40	0.00801
-109.60	-130.81	0.00760	-108.19	-132.23	0.00723
-106.07	-134.35	0.00673	-102.53	-137.89	0.00604
-98.99	-141.42	0.00546	-91.92	-148.49	0.00453
-84.85	-155.56	0.00383	-77.78	-162.63	0.00329
-70.71	-169.71	0.00285	-63.64	-176.78	0.00250

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-56.57	-183.85	0.00222	-49.50	-190.92	0.00198
-183.85	-42.43	0.00234	-176.78	-49.50	0.00272
-169.71	-56.57	0.00320	-162.63	-63.64	0.00381
-155.56	-70.71	0.00458	-148.49	-77.78	0.00554
-141.42	-84.85	0.00672	-134.35	-91.92	0.00815
-130.81	-95.46	0.00897	-127.28	-98.99	0.00990
-125.16	-101.12	0.01050	-123.74	-102.53	0.01094
-122.33	-103.94	0.01139	-120.92	-105.36	0.01189
-119.50	-106.77	0.01245	-106.77	-119.50	0.00926
-105.36	-120.92	0.00866	-103.94	-122.33	0.00817
-102.53	-123.74	0.00775	-101.12	-125.16	0.00737
-98.99	-127.28	0.00686	-95.46	-130.81	0.00615
-91.92	-134.35	0.00556	-84.85	-141.42	0.00461
-77.78	-148.49	0.00388	-70.71	-155.56	0.00332
-63.64	-162.63	0.00288	-56.57	-169.71	0.00252
-49.50	-176.78	0.00223	-42.43	-183.85	0.00198
-176.78	-35.36	0.00248	-169.71	-42.43	0.00290
-162.63	-49.50	0.00341	-155.56	-56.57	0.00405
-148.49	-63.64	0.00483	-141.42	-70.71	0.00579
-134.35	-77.78	0.00696	-127.28	-84.85	0.00837
-123.74	-88.39	0.00920	-120.21	-91.92	0.01012
-118.09	-94.05	0.01072	-116.67	-95.46	0.01115
-115.26	-96.87	0.01160	-113.84	-98.29	0.01210
-112.43	-99.70	0.01266	-99.70	-112.43	0.00940
-98.29	-113.84	0.00880	-96.87	-115.26	0.00830
-95.46	-116.67	0.00787	-94.05	-118.09	0.00748

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTS:
 PAGE 127

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00697	-88.39	-123.74	0.00624
-84.85	-127.28	0.00563	-77.78	-134.35	0.00467
-70.71	-141.42	0.00393	-63.64	-148.49	0.00336
-56.57	-155.56	0.00290	-49.50	-162.63	0.00254
-42.43	-169.71	0.00224	-35.36	-176.78	0.00199
-169.71	-28.28	0.00263	-162.63	-35.36	0.00306
-155.56	-42.43	0.00360	-148.49	-49.50	0.00424
-141.42	-56.57	0.00503	-134.35	-63.64	0.00599

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-70.71	0.00714	-120.21	-77.78	0.00854
-116.67	-81.32	0.00937	-113.14	-84.85	0.01028
-111.02	-86.97	0.01088	-109.60	-88.39	0.01130
-108.19	-89.80	0.01176	-106.77	-91.22	0.01227
-105.36	-92.63	0.01284	-92.63	-105.36	0.00952
-91.22	-106.77	0.00892	-89.80	-108.19	0.00840
-88.39	-109.60	0.00796	-86.97	-111.02	0.00757
-84.85	-113.14	0.00705	-81.32	-116.67	0.00632
-77.78	-120.21	0.00570	-70.71	-127.28	0.00472
-63.64	-134.35	0.00397	-56.57	-141.42	0.00339
-49.50	-148.49	0.00292	-42.43	-155.56	0.00255
-35.36	-162.63	0.00225	-28.28	-169.71	0.00200
-162.63	-21.21	0.00276	-155.56	-28.28	0.00321
-148.49	-35.36	0.00375	-141.42	-42.43	0.00440
-134.35	-49.50	0.00519	-127.28	-56.57	0.00614
-120.21	-63.64	0.00728	-113.14	-70.71	0.00869
-109.60	-74.25	0.00950	-106.07	-77.78	0.01041
-103.94	-79.90	0.01102	-102.53	-81.32	0.01143
-101.12	-82.73	0.01189	-99.70	-84.15	0.01239
-98.29	-85.56	0.01296	-85.56	-98.29	0.00960
-84.15	-99.70	0.00900	-82.73	-101.12	0.00849
-81.32	-102.53	0.00805	-79.90	-103.94	0.00765
-77.78	-106.07	0.00713	-74.25	-109.60	0.00638
-70.71	-113.14	0.00575	-63.64	-120.21	0.00476
-56.57	-127.28	0.00401	-49.50	-134.35	0.00341
-42.43	-141.42	0.00294	-35.36	-148.49	0.00257
-28.28	-155.56	0.00226	-21.21	-162.63	0.00200
-155.56	-14.14	0.00288	-148.49	-21.21	0.00334
-141.42	-28.28	0.00388	-134.35	-35.36	0.00453
-127.28	-42.43	0.00531	-120.21	-49.50	0.00626
-113.14	-56.57	0.00740	-106.07	-63.64	0.00880
-102.53	-67.18	0.00962	-98.99	-70.71	0.01052

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.01112	-95.46	-74.25	0.01154
-94.05	-75.66	0.01199	-92.63	-77.07	0.01248

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-91.22	-78.49	0.01305	-78.49	-91.22	0.00966
-77.07	-92.63	0.00906	-75.66	-94.05	0.00855
-74.25	-95.46	0.00811	-72.83	-96.87	0.00771
-70.71	-98.99	0.00719	-67.18	-102.53	0.00643
-63.64	-106.07	0.00580	-56.57	-113.14	0.00480
-49.50	-120.21	0.00403	-42.43	-127.28	0.00344
-35.36	-134.35	0.00296	-28.28	-141.42	0.00258
-21.21	-148.49	0.00226	-14.14	-155.56	0.00200
-148.49	-7.07	0.00298	-141.42	-14.14	0.00344
-134.35	-21.21	0.00399	-127.28	-28.28	0.00463
-120.21	-35.36	0.00541	-113.14	-42.43	0.00635
-106.07	-49.50	0.00749	-98.99	-56.57	0.00889
-95.46	-60.10	0.00970	-91.92	-63.64	0.01060
-89.80	-65.76	0.01120	-88.39	-67.18	0.01162
-86.97	-68.59	0.01207	-85.56	-70.00	0.01255
-84.15	-71.42	0.01311	-71.42	-84.15	0.00971
-70.00	-85.56	0.00911	-68.59	-86.97	0.00860
-67.18	-88.39	0.00816	-65.76	-89.80	0.00776
-63.64	-91.92	0.00723	-60.10	-95.46	0.00647
-56.57	-98.99	0.00584	-49.50	-106.07	0.00482
-42.43	-113.14	0.00405	-35.36	-120.21	0.00345
-28.28	-127.28	0.00297	-21.21	-134.35	0.00259
-14.14	-141.42	0.00227	-7.07	-148.49	0.00200
-141.42	0.00	0.00307	-134.35	-7.07	0.00353
-127.28	-14.14	0.00407	-120.21	-21.21	0.00472
-113.14	-28.28	0.00549	-106.07	-35.36	0.00642
-98.99	-42.43	0.00756	-91.92	-49.50	0.00896
-88.39	-53.03	0.00977	-84.85	-56.57	0.01067
-82.73	-58.69	0.01126	-81.32	-60.10	0.01168
-79.90	-61.52	0.01213	-78.49	-62.93	0.01261
-77.07	-64.35	0.01317	-64.35	-77.07	0.00976
-62.93	-78.49	0.00915	-61.52	-79.90	0.00864
-60.10	-81.32	0.00819	-58.69	-82.73	0.00780
-56.57	-84.85	0.00726	-53.03	-88.39	0.00650
-49.50	-91.92	0.00587	-42.43	-98.99	0.00485
-35.36	-106.07	0.00407	-28.28	-113.14	0.00346
-21.21	-120.21	0.00298	-14.14	-127.28	0.00259
-7.07	-134.35	0.00227	0.00	-141.42	0.00200

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTS:
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00314	-127.28	0.00	0.00360
-120.21	-7.07	0.00414	-113.14	-14.14	0.00478
-106.07	-21.21	0.00555	-98.99	-28.28	0.00648
-91.92	-35.36	0.00762	-84.85	-42.43	0.00901
-81.32	-45.96	0.00982	-77.78	-49.50	0.01072
-75.66	-51.62	0.01131	-74.25	-53.03	0.01173
-72.83	-54.45	0.01218	-71.42	-55.86	0.01266
-70.00	-57.28	0.01321	-57.28	-70.00	0.00979
-55.86	-71.42	0.00918	-54.45	-72.83	0.00867
-53.03	-74.25	0.00822	-51.62	-75.66	0.00782
-49.50	-77.78	0.00729	-45.96	-81.32	0.00653
-42.43	-84.85	0.00589	-35.36	-91.92	0.00486
-28.28	-98.99	0.00408	-21.21	-106.07	0.00347
-14.14	-113.14	0.00299	-7.07	-120.21	0.00259
0.00	-127.28	0.00227	7.07	-134.35	0.00200
-127.28	14.14	0.00320	-120.21	7.07	0.00366
-113.14	0.00	0.00419	-106.07	-7.07	0.00483
-98.99	-14.14	0.00560	-91.92	-21.21	0.00653
-84.85	-28.28	0.00767	-77.78	-35.36	0.00906
-74.25	-38.89	0.00987	-70.71	-42.43	0.01076
-68.59	-44.55	0.01135	-67.18	-45.96	0.01177
-65.76	-47.38	0.01222	-64.35	-48.79	0.01270
-62.93	-50.20	0.01324	-50.20	-62.93	0.00982
-48.79	-64.35	0.00921	-47.38	-65.76	0.00870
-45.96	-67.18	0.00825	-44.55	-68.59	0.00785
-42.43	-70.71	0.00731	-38.89	-74.25	0.00654
-35.36	-77.78	0.00590	-28.28	-84.85	0.00487
-21.21	-91.92	0.00409	-14.14	-98.99	0.00348
-7.07	-106.07	0.00299	0.00	-113.14	0.00259
7.07	-120.21	0.00227	14.14	-127.28	0.00200
-120.21	21.21	0.00325	-113.14	14.14	0.00370
-106.07	7.07	0.00424	-98.99	0.00	0.00487
-91.92	-7.07	0.00564	-84.85	-14.14	0.00657
-77.78	-21.21	0.00770	-70.71	-28.28	0.00909
-67.18	-31.82	0.00989	-63.64	-35.36	0.01080
-61.52	-37.48	0.01138	-60.10	-38.89	0.01180
-58.69	-40.31	0.01224	-57.28	-41.72	0.01272
-55.86	-43.13	0.01326	-43.13	-55.86	0.00984
-41.72	-57.28	0.00922	-40.31	-58.69	0.00871
-38.89	-60.10	0.00826	-37.48	-61.52	0.00786

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

18:03:23

**MODELOPTs:

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*** Maximum train overlap at NE/SW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00732	-31.82	-67.18	0.00655
-28.28	-70.71	0.00591	-21.21	-77.78	0.00488
-14.14	-84.85	0.00409	-7.07	-91.92	0.00348
0.00	-98.99	0.00299	7.07	-106.07	0.00259
14.14	-113.14	0.00226	21.21	-120.21	0.00199
-113.14	28.28	0.00329	-106.07	21.21	0.00374
-98.99	14.14	0.00427	-91.92	7.07	0.00491
-84.85	0.00	0.00567	-77.78	-7.07	0.00660
-70.71	-14.14	0.00773	-63.64	-21.21	0.00911
-60.10	-24.75	0.00992	-56.57	-28.28	0.01082
-54.45	-30.41	0.01141	-53.03	-31.82	0.01182
-51.62	-33.23	0.01226	-50.20	-34.65	0.01274
-48.79	-36.06	0.01328	-36.06	-48.79	0.00986
-34.65	-50.20	0.00924	-33.23	-51.62	0.00872
-31.82	-53.03	0.00827	-30.41	-54.45	0.00787
-28.28	-56.57	0.00733	-24.75	-60.10	0.00656
-21.21	-63.64	0.00591	-14.14	-70.71	0.00488
-7.07	-77.78	0.00409	0.00	-84.85	0.00347
7.07	-91.92	0.00298	14.14	-98.99	0.00258
21.21	-106.07	0.00226	28.28	-113.14	0.00198
-106.07	35.36	0.00332	-98.99	28.28	0.00376
-91.92	21.21	0.00430	-84.85	14.14	0.00493
-77.78	7.07	0.00569	-70.71	0.00	0.00661
-63.64	-7.07	0.00774	-56.57	-14.14	0.00912
-53.03	-17.68	0.00994	-49.50	-21.21	0.01083
-47.38	-23.33	0.01141	-45.96	-24.75	0.01183
-44.55	-26.16	0.01227	-43.13	-27.58	0.01277
-41.72	-28.99	0.01333	-28.99	-41.72	0.00987
-27.58	-43.13	0.00925	-26.16	-44.55	0.00872
-24.75	-45.96	0.00827	-23.33	-47.38	0.00787
-21.21	-49.50	0.00733	-17.68	-53.03	0.00656
-14.14	-56.57	0.00591	-7.07	-63.64	0.00488
0.00	-70.71	0.00408	7.07	-77.78	0.00347
14.14	-84.85	0.00297	21.21	-91.92	0.00257

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

28.28	-98.99	0.00225	35.36	-106.07	0.00197
-98.99	42.43	0.00334	-91.92	35.36	0.00378
-84.85	28.28	0.00431	-77.78	21.21	0.00494
-70.71	14.14	0.00570	-63.64	7.07	0.00663
-56.57	0.00	0.00775	-49.50	-7.07	0.00914
-45.96	-10.61	0.00994	-42.43	-14.14	0.01083

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.01142	-38.89	-17.68	0.01183
-37.48	-19.09	0.01227	-36.06	-20.51	0.01277
-34.65	-21.92	0.01333	-21.92	-34.65	0.00986
-20.51	-36.06	0.00924	-19.09	-37.48	0.00872
-17.68	-38.89	0.00827	-16.26	-40.31	0.00786
-14.14	-42.43	0.00732	-10.61	-45.96	0.00655
-7.07	-49.50	0.00590	0.00	-56.57	0.00487
7.07	-63.64	0.00408	14.14	-70.71	0.00346
21.21	-77.78	0.00296	28.28	-84.85	0.00256
35.36	-91.92	0.00223	42.43	-98.99	0.00196
-91.92	49.50	0.00335	-84.85	42.43	0.00380
-77.78	35.36	0.00432	-70.71	28.28	0.00495
-63.64	21.21	0.00571	-56.57	14.14	0.00663
-49.50	7.07	0.00776	-42.43	0.00	0.00914
-38.89	-3.54	0.00995	-35.36	-7.07	0.01083
-33.23	-9.19	0.01142	-31.82	-10.61	0.01183
-30.41	-12.02	0.01227	-28.99	-13.44	0.01276
-27.58	-14.85	0.01331	-14.85	-27.58	0.00984
-13.44	-28.99	0.00922	-12.02	-30.41	0.00871
-10.61	-31.82	0.00826	-9.19	-33.23	0.00786
-7.07	-35.36	0.00731	-3.54	-38.89	0.00654
0.00	-42.43	0.00589	7.07	-49.50	0.00486
14.14	-56.57	0.00406	21.21	-63.64	0.00344
28.28	-70.71	0.00295	35.36	-77.78	0.00255
42.43	-84.85	0.00222	49.50	-91.92	0.00194
-84.85	56.57	0.00336	-77.78	49.50	0.00380
-70.71	42.43	0.00432	-63.64	35.36	0.00495
-56.57	28.28	0.00571	-49.50	21.21	0.00663

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	14.14	0.00776	-35.36	7.07	0.00913
-31.82	3.54	0.00993	-28.28	0.00	0.01082
-26.16	-2.12	0.01141	-24.75	-3.54	0.01182
-23.33	-4.95	0.01226	-21.92	-6.36	0.01274
-20.51	-7.78	0.01329	-7.78	-20.51	0.00982
-6.36	-21.92	0.00920	-4.95	-23.33	0.00869
-3.54	-24.75	0.00824	-2.12	-26.16	0.00784
0.00	-28.28	0.00730	3.54	-31.82	0.00653
7.07	-35.36	0.00588	14.14	-42.43	0.00484
21.21	-49.50	0.00405	28.28	-56.57	0.00342
35.36	-63.64	0.00293	42.43	-70.71	0.00253
49.50	-77.78	0.00220	56.57	-84.85	0.00192

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
 PAGE 132
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00336	-70.71	56.57	0.00380
-63.64	49.50	0.00432	-56.57	42.43	0.00495
-49.50	35.36	0.00570	-42.43	28.28	0.00662
-35.36	21.21	0.00775	-28.28	14.14	0.00912
-24.75	10.61	0.00992	-21.21	7.07	0.01081
-19.09	4.95	0.01139	-17.68	3.54	0.01180
-16.26	2.12	0.01224	-14.85	0.71	0.01272
-13.44	-0.71	0.01327	-0.71	-13.44	0.00980
0.71	-14.85	0.00919	2.12	-16.26	0.00867
3.54	-17.68	0.00822	4.95	-19.09	0.00782
7.07	-21.21	0.00728	10.61	-24.75	0.00651
14.14	-28.28	0.00586	21.21	-35.36	0.00482
28.28	-42.43	0.00403	35.36	-49.50	0.00340
42.43	-56.57	0.00291	49.50	-63.64	0.00250
56.57	-70.71	0.00217	63.64	-77.78	0.00190
-70.71	70.71	0.00336	-63.64	63.64	0.00379
-56.57	56.57	0.00432	-49.50	49.50	0.00494
-42.43	42.43	0.00569	-35.36	35.36	0.00661
-28.28	28.28	0.00773	-21.21	21.21	0.00911
-17.68	17.68	0.00990	-14.14	14.14	0.01079
-12.02	12.02	0.01137	-10.61	10.61	0.01178
-9.19	9.19	0.01222	-7.78	7.78	0.01270

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-6.36	6.36	0.01324	6.36	-6.36	0.00978
7.78	-7.78	0.00916	9.19	-9.19	0.00865
10.61	-10.61	0.00819	12.02	-12.02	0.00779
14.14	-14.14	0.00725	17.68	-17.68	0.00648
21.21	-21.21	0.00583	28.28	-28.28	0.00480
35.36	-35.36	0.00400	42.43	-42.43	0.00338
49.50	-49.50	0.00288	56.57	-56.57	0.00248
63.64	-63.64	0.00215	70.71	-70.71	0.00187
-63.64	77.78	0.00335	-56.57	70.71	0.00378
-49.50	63.64	0.00430	-42.43	56.57	0.00492
-35.36	49.50	0.00567	-28.28	42.43	0.00659
-21.21	35.36	0.00771	-14.14	28.28	0.00908
-10.61	24.75	0.00988	-7.07	21.21	0.01076
-4.95	19.09	0.01134	-3.54	17.68	0.01176
-2.12	16.26	0.01220	-0.71	14.85	0.01267
0.71	13.44	0.01321	13.44	0.71	0.00975
14.85	-0.71	0.00913	16.26	-2.12	0.00861
17.68	-3.54	0.00816	19.09	-4.95	0.00776

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00722	24.75	-10.61	0.00645
28.28	-14.14	0.00580	35.36	-21.21	0.00476
42.43	-28.28	0.00397	49.50	-35.36	0.00335
56.57	-42.43	0.00285	63.64	-49.50	0.00245
70.71	-56.57	0.00212	77.78	-63.64	0.00185
-56.57	84.85	0.00334	-49.50	77.78	0.00377
-42.43	70.71	0.00428	-35.36	63.64	0.00490
-28.28	56.57	0.00565	-21.21	49.50	0.00656
-14.14	42.43	0.00768	-7.07	35.36	0.00905
-3.54	31.82	0.00984	0.00	28.28	0.01073
2.12	26.16	0.01131	3.54	24.75	0.01172
4.95	23.33	0.01216	6.36	21.92	0.01263
7.78	20.51	0.01317	20.51	7.78	0.00971
21.92	6.36	0.00909	23.33	4.95	0.00858
24.75	3.54	0.00813	26.16	2.12	0.00772
28.28	0.00	0.00718	31.82	-3.54	0.00641

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

35.36	-7.07	0.00577	42.43	-14.14	0.00473
49.50	-21.21	0.00394	56.57	-28.28	0.00331
63.64	-35.36	0.00282	70.71	-42.43	0.00242
77.78	-49.50	0.00209	84.85	-56.57	0.00181
-49.50	91.92	0.00332	-42.43	84.85	0.00375
-35.36	77.78	0.00426	-28.28	70.71	0.00488
-21.21	63.64	0.00562	-14.14	56.57	0.00653
-7.07	49.50	0.00765	0.00	42.43	0.00900
3.54	38.89	0.00981	7.07	35.36	0.01069
9.19	33.23	0.01127	10.61	31.82	0.01168
12.02	30.41	0.01212	13.44	28.99	0.01260
14.85	27.58	0.01313	27.58	14.85	0.00967
28.99	13.44	0.00905	30.41	12.02	0.00853
31.82	10.61	0.00808	33.23	9.19	0.00768
35.36	7.07	0.00714	38.89	3.54	0.00637
42.43	0.00	0.00572	49.50	-7.07	0.00469
56.57	-14.14	0.00390	63.64	-21.21	0.00328
70.71	-28.28	0.00278	77.78	-35.36	0.00238
84.85	-42.43	0.00205	91.92	-49.50	0.00178
-42.43	98.99	0.00330	-35.36	91.92	0.00372
-28.28	84.85	0.00423	-21.21	77.78	0.00484
-14.14	70.71	0.00559	-7.07	63.64	0.00649
0.00	56.57	0.00760	7.07	49.50	0.00896
10.61	45.96	0.00976	14.14	42.43	0.01064

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.01122	17.68	38.89	0.01163
19.09	37.48	0.01207	20.51	36.06	0.01256
21.92	34.65	0.01311	34.65	21.92	0.00963
36.06	20.51	0.00901	37.48	19.09	0.00848
38.89	17.68	0.00803	40.31	16.26	0.00763
42.43	14.14	0.00709	45.96	10.61	0.00632
49.50	7.07	0.00567	56.57	0.00	0.00464
63.64	-7.07	0.00385	70.71	-14.14	0.00323
77.78	-21.21	0.00274	84.85	-28.28	0.00234
91.92	-35.36	0.00201	98.99	-42.43	0.00174

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	106.07	0.00327	-28.28	98.99	0.00369
-21.21	91.92	0.00420	-14.14	84.85	0.00481
-7.07	77.78	0.00555	0.00	70.71	0.00645
7.07	63.64	0.00755	14.14	56.57	0.00891
17.68	53.03	0.00970	21.21	49.50	0.01058
23.33	47.38	0.01117	24.75	45.96	0.01157
26.16	44.55	0.01201	27.58	43.13	0.01250
28.99	41.72	0.01305	41.72	28.99	0.00956
43.13	27.58	0.00895	44.55	26.16	0.00842
45.96	24.75	0.00797	47.38	23.33	0.00757
49.50	21.21	0.00703	53.03	17.68	0.00626
56.57	14.14	0.00562	63.64	7.07	0.00459
70.71	0.00	0.00380	77.78	-7.07	0.00318
84.85	-14.14	0.00269	91.92	-21.21	0.00229
98.99	-28.28	0.00196	106.07	-35.36	0.00170
-28.28	113.14	0.00324	-21.21	106.07	0.00366
-14.14	98.99	0.00416	-7.07	91.92	0.00476
0.00	84.85	0.00550	7.07	77.78	0.00640
14.14	70.71	0.00750	21.21	63.64	0.00886
24.75	60.10	0.00965	28.28	56.57	0.01052
30.41	54.45	0.01110	31.82	53.03	0.01151
33.23	51.62	0.01194	34.65	50.20	0.01242
36.06	48.79	0.01297	48.79	36.06	0.00948
50.20	34.65	0.00887	51.62	33.23	0.00835
53.03	31.82	0.00790	54.45	30.41	0.00750
56.57	28.28	0.00697	60.10	24.75	0.00620
63.64	21.21	0.00556	70.71	14.14	0.00453
77.78	7.07	0.00374	84.85	0.00	0.00313
91.92	-7.07	0.00263	98.99	-14.14	0.00224
106.07	-21.21	0.00191	113.14	-28.28	0.00165

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:03:23
 **MODELOPTs:
 PAGE 135
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00321	-14.14	113.14	0.00362
-7.07	106.07	0.00411	0.00	98.99	0.00471
7.07	91.92	0.00544	14.14	84.85	0.00634
21.21	77.78	0.00743	28.28	70.71	0.00878

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

31.82	67.18	0.00957	35.36	63.64	0.01044
37.48	61.52	0.01102	38.89	60.10	0.01143
40.31	58.69	0.01186	41.72	57.28	0.01233
43.13	55.86	0.01288	55.86	43.13	0.00940
57.28	41.72	0.00878	58.69	40.31	0.00827
60.10	38.89	0.00783	61.52	37.48	0.00742
63.64	35.36	0.00689	67.18	31.82	0.00613
70.71	28.28	0.00549	77.78	21.21	0.00446
84.85	14.14	0.00368	91.92	7.07	0.00306
98.99	0.00	0.00257	106.07	-7.07	0.00218
113.14	-14.14	0.00186	120.21	-21.21	0.00160
-14.14	127.28	0.00317	-7.07	120.21	0.00357
0.00	113.14	0.00406	7.07	106.07	0.00465
14.14	98.99	0.00538	21.21	91.92	0.00627
28.28	84.85	0.00736	35.36	77.78	0.00870
38.89	74.25	0.00949	42.43	70.71	0.01036
44.55	68.59	0.01093	45.96	67.18	0.01133
47.38	65.76	0.01177	48.79	64.35	0.01224
50.20	62.93	0.01278	62.93	50.20	0.00930
64.35	48.79	0.00869	65.76	47.38	0.00818
67.18	45.96	0.00774	68.59	44.55	0.00734
70.71	42.43	0.00680	74.25	38.89	0.00604
77.78	35.36	0.00541	84.85	28.28	0.00439
91.92	21.21	0.00360	98.99	14.14	0.00299
106.07	7.07	0.00250	113.14	0.00	0.00211
120.21	-7.07	0.00180	127.28	-14.14	0.00154
-7.07	134.35	0.00313	0.00	127.28	0.00353
7.07	120.21	0.00401	14.14	113.14	0.00459
21.21	106.07	0.00531	28.28	98.99	0.00619
35.36	91.92	0.00727	42.43	84.85	0.00861
45.96	81.32	0.00939	49.50	77.78	0.01026
51.62	75.66	0.01082	53.03	74.25	0.01123
54.45	72.83	0.01167	55.86	71.42	0.01214
57.28	70.00	0.01268	70.00	57.28	0.00920
71.42	55.86	0.00859	72.83	54.45	0.00808
74.25	53.03	0.00763	75.66	51.62	0.00724

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00671	81.32	45.96	0.00595
84.85	42.43	0.00532	91.92	35.36	0.00430
98.99	28.28	0.00352	106.07	21.21	0.00291
113.14	14.14	0.00243	120.21	7.07	0.00204
127.28	0.00	0.00173	134.35	-7.07	0.00148
0.00	141.42	0.00309	7.07	134.35	0.00347
14.14	127.28	0.00394	21.21	120.21	0.00452
28.28	113.14	0.00522	35.36	106.07	0.00610
42.43	98.99	0.00717	49.50	91.92	0.00850
53.03	88.39	0.00928	56.57	84.85	0.01014
58.69	82.73	0.01071	60.10	81.32	0.01112
61.52	79.90	0.01155	62.93	78.49	0.01202
64.35	77.07	0.01255	77.07	64.35	0.00909
78.49	62.93	0.00847	79.90	61.52	0.00797
81.32	60.10	0.00752	82.73	58.69	0.00712
84.85	56.57	0.00659	88.39	53.03	0.00584
91.92	49.50	0.00521	98.99	42.43	0.00420
106.07	35.36	0.00342	113.14	28.28	0.00282
120.21	21.21	0.00234	127.28	14.14	0.00196
134.35	7.07	0.00166	141.42	0.00	0.00142
7.07	148.49	0.00304	14.14	141.42	0.00342
21.21	134.35	0.00388	28.28	127.28	0.00444
35.36	120.21	0.00513	42.43	113.14	0.00599
49.50	106.07	0.00706	56.57	98.99	0.00838
60.10	95.46	0.00915	63.64	91.92	0.01001
65.76	89.80	0.01058	67.18	88.39	0.01098
68.59	86.97	0.01141	70.00	85.56	0.01188
71.42	84.15	0.01241	84.15	71.42	0.00895
85.56	70.00	0.00834	86.97	68.59	0.00783
88.39	67.18	0.00739	89.80	65.76	0.00699
91.92	63.64	0.00646	95.46	60.10	0.00572
98.99	56.57	0.00509	106.07	49.50	0.00408
113.14	42.43	0.00331	120.21	35.36	0.00272
127.28	28.28	0.00225	134.35	21.21	0.00188
141.42	14.14	0.00159	148.49	7.07	0.00135
14.14	155.56	0.00300	21.21	148.49	0.00336
28.28	141.42	0.00381	35.36	134.35	0.00435
42.43	127.28	0.00503	49.50	120.21	0.00588
56.57	113.14	0.00693	63.64	106.07	0.00823
67.18	102.53	0.00900	70.71	98.99	0.00986

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

18:03:23
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
72.83	96.87	0.01043	74.25	95.46	0.01083	
75.66	94.05	0.01125	77.07	92.63	0.01172	
78.49	91.22	0.01225	91.22	78.49	0.00880	
92.63	77.07	0.00818	94.05	75.66	0.00767	
95.46	74.25	0.00723	96.87	72.83	0.00684	
98.99	70.71	0.00632	102.53	67.18	0.00558	
106.07	63.64	0.00495	113.14	56.57	0.00395	
120.21	49.50	0.00319	127.28	42.43	0.00260	
134.35	35.36	0.00214	141.42	28.28	0.00179	
148.49	21.21	0.00150	155.56	14.14	0.00128	
21.21	162.63	0.00295	28.28	155.56	0.00330	
35.36	148.49	0.00373	42.43	141.42	0.00426	
49.50	134.35	0.00492	56.57	127.28	0.00575	
63.64	120.21	0.00678	70.71	113.14	0.00807	
74.25	109.60	0.00883	77.78	106.07	0.00968	
79.90	103.94	0.01024	81.32	102.53	0.01064	
82.73	101.12	0.01106	84.15	99.70	0.01155	
85.56	98.29	0.01209	98.29	85.56	0.00861	
99.70	84.15	0.00801	101.12	82.73	0.00749	
102.53	81.32	0.00705	103.94	79.90	0.00667	
106.07	77.78	0.00614	109.60	74.25	0.00541	
113.14	70.71	0.00479	120.21	63.64	0.00380	
127.28	56.57	0.00305	134.35	49.50	0.00247	
141.42	42.43	0.00203	148.49	35.36	0.00169	
155.56	28.28	0.00142	162.63	21.21	0.00121	
28.28	169.71	0.00290	35.36	162.63	0.00324	
42.43	155.56	0.00366	49.50	148.49	0.00417	
56.57	141.42	0.00480	63.64	134.35	0.00560	
70.71	127.28	0.00661	77.78	120.21	0.00788	
81.32	116.67	0.00863	84.85	113.14	0.00947	
86.97	111.02	0.01003	88.39	109.60	0.01042	
89.80	108.19	0.01084	91.22	106.77	0.01132	
92.63	105.36	0.01186	105.36	92.63	0.00838	
106.77	91.22	0.00779	108.19	89.80	0.00728	
109.60	88.39	0.00685	111.02	86.97	0.00646	
113.14	84.85	0.00595	116.67	81.32	0.00522	

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

120.21	77.78	0.00460	127.28	70.71	0.00362
134.35	63.64	0.00289	141.42	56.57	0.00233
148.49	49.50	0.00191	155.56	42.43	0.00158
162.63	35.36	0.00133	169.71	28.28	0.00114

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00285	42.43	169.71	0.00318
49.50	162.63	0.00358	56.57	155.56	0.00407
63.64	148.49	0.00468	70.71	141.42	0.00545
77.78	134.35	0.00643	84.85	127.28	0.00767
88.39	123.74	0.00840	91.92	120.21	0.00923
94.05	118.09	0.00978	95.46	116.67	0.01017
96.87	115.26	0.01058	98.29	113.84	0.01105
99.70	112.43	0.01158	112.43	99.70	0.00811
113.84	98.29	0.00752	115.26	96.87	0.00703
116.67	95.46	0.00660	118.09	94.05	0.00622
120.21	91.92	0.00571	123.74	88.39	0.00499
127.28	84.85	0.00438	134.35	77.78	0.00342
141.42	70.71	0.00270	148.49	63.64	0.00217
155.56	56.57	0.00178	162.63	49.50	0.00148
169.71	42.43	0.00125	176.78	35.36	0.00107
42.43	183.85	0.00279	49.50	176.78	0.00311
56.57	169.71	0.00350	63.64	162.63	0.00397
70.71	155.56	0.00455	77.78	148.49	0.00528
84.85	141.42	0.00621	91.92	134.35	0.00741
95.46	130.81	0.00813	98.99	127.28	0.00894
101.12	125.16	0.00948	102.53	123.74	0.00986
103.94	122.33	0.01027	105.36	120.92	0.01072
106.77	119.50	0.01125	119.50	106.77	0.00780
120.92	105.36	0.00721	122.33	103.94	0.00673
123.74	102.53	0.00631	125.16	101.12	0.00593
127.28	98.99	0.00543	130.81	95.46	0.00472
134.35	91.92	0.00412	141.42	84.85	0.00318
148.49	77.78	0.00250	155.56	70.71	0.00200
162.63	63.64	0.00164	169.71	56.57	0.00137
176.78	49.50	0.00116	183.85	42.43	0.00100

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

49.50	190.92	0.00274	56.57	183.85	0.00305
63.64	176.78	0.00342	70.71	169.71	0.00387
77.78	162.63	0.00442	84.85	155.56	0.00511
91.92	148.49	0.00599	98.99	141.42	0.00713
102.53	137.89	0.00782	106.07	134.35	0.00860
108.19	132.23	0.00912	109.60	130.81	0.00950
111.02	129.40	0.00990	112.43	127.99	0.01035
113.84	126.57	0.01086	126.57	113.84	0.00743
127.99	112.43	0.00685	129.40	111.02	0.00637
130.81	109.60	0.00596	132.23	108.19	0.00559

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00509	137.89	102.53	0.00439
141.42	98.99	0.00381	148.49	91.92	0.00291
155.56	84.85	0.00228	162.63	77.78	0.00183
169.71	70.71	0.00151	176.78	63.64	0.00127
183.85	56.57	0.00108	190.92	49.50	0.00094
56.57	197.99	0.00269	63.64	190.92	0.00299
70.71	183.85	0.00334	77.78	176.78	0.00377
84.85	169.71	0.00429	91.92	162.63	0.00494
98.99	155.56	0.00575	106.07	148.49	0.00681
109.60	144.96	0.00745	113.14	141.42	0.00820
115.26	139.30	0.00870	116.67	137.89	0.00907
118.09	136.47	0.00946	119.50	135.06	0.00990
120.92	133.64	0.01040	133.64	120.92	0.00698
135.06	119.50	0.00641	136.47	118.09	0.00595
137.89	116.67	0.00553	139.30	115.26	0.00517
141.42	113.14	0.00469	144.96	109.60	0.00400
148.49	106.07	0.00345	155.56	98.99	0.00262
162.63	91.92	0.00206	169.71	84.85	0.00167
176.78	77.78	0.00138	183.85	70.71	0.00117
190.92	63.64	0.00101	197.99	56.57	0.00087
63.64	205.06	0.00265	70.71	197.99	0.00293
77.78	190.92	0.00326	84.85	183.85	0.00367
91.92	176.78	0.00416	98.99	169.71	0.00477
106.07	162.63	0.00552	113.14	155.56	0.00648

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

116.67	152.03	0.00706	120.21	148.49	0.00775
122.33	146.37	0.00822	123.74	144.96	0.00857
125.16	143.54	0.00895	126.57	142.13	0.00936
127.99	140.71	0.00984	140.71	127.99	0.00645
142.13	126.57	0.00589	143.54	125.16	0.00543
144.96	123.74	0.00502	146.37	122.33	0.00467
148.49	120.21	0.00420	152.03	116.67	0.00355
155.56	113.14	0.00304	162.63	106.07	0.00232
169.71	98.99	0.00184	176.78	91.92	0.00151
183.85	84.85	0.00127	190.92	77.78	0.00108
197.99	70.71	0.00093	205.06	63.64	0.00081
70.71	212.13	0.00261	77.78	205.06	0.00288
84.85	197.99	0.00320	91.92	190.92	0.00358
98.99	183.85	0.00404	106.07	176.78	0.00461
113.14	169.71	0.00530	120.21	162.63	0.00616
123.74	159.10	0.00667	127.28	155.56	0.00727

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00769	130.81	152.03	0.00800
132.23	150.61	0.00834	133.64	149.20	0.00872
135.06	147.79	0.00918	147.79	135.06	0.00579
149.20	133.64	0.00524	150.61	132.23	0.00479
152.03	130.81	0.00440	153.44	129.40	0.00406
155.56	127.28	0.00362	159.10	123.74	0.00305
162.63	120.21	0.00263	169.71	113.14	0.00204
176.78	106.07	0.00165	183.85	98.99	0.00137
190.92	91.92	0.00116	197.99	84.85	0.00099
205.06	77.78	0.00087	212.13	70.71	0.00076
77.78	219.20	0.00256	84.85	212.13	0.00283
91.92	205.06	0.00313	98.99	197.99	0.00350
106.07	190.92	0.00394	113.14	183.85	0.00447
120.21	176.78	0.00511	127.28	169.71	0.00588
130.81	166.17	0.00632	134.35	162.63	0.00683
136.47	160.51	0.00716	137.89	159.10	0.00741
139.30	157.68	0.00768	140.71	156.27	0.00800
142.13	154.86	0.00840	154.86	142.13	0.00496

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

156.27	140.71	0.00443	157.68	139.30	0.00402
159.10	137.89	0.00368	160.51	136.47	0.00339
162.63	134.35	0.00304	166.17	130.81	0.00260
169.71	127.28	0.00227	176.78	120.21	0.00180
183.85	113.14	0.00148	190.92	106.07	0.00124
197.99	98.99	0.00106	205.06	91.92	0.00092
212.13	84.85	0.00081	219.20	77.78	0.00071
84.85	226.27	0.00252	91.92	219.20	0.00277
98.99	212.13	0.00307	106.07	205.06	0.00342
113.14	197.99	0.00384	120.21	190.92	0.00435
127.28	183.85	0.00495	134.35	176.78	0.00566
137.89	173.24	0.00607	141.42	169.71	0.00649
143.54	167.58	0.00676	144.96	166.17	0.00695
146.37	164.76	0.00714	147.79	163.34	0.00736
149.20	161.93	0.00761	161.93	149.20	0.00397
163.34	147.79	0.00359	164.76	146.37	0.00330
166.17	144.96	0.00306	167.58	143.54	0.00286
169.71	141.42	0.00261	173.24	137.89	0.00227
176.78	134.35	0.00200	183.85	127.28	0.00162
190.92	120.21	0.00135	197.99	113.14	0.00114
205.06	106.07	0.00098	212.13	98.99	0.00086
219.20	91.92	0.00076	226.27	84.85	0.00067

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00246	98.99	226.27	0.00271
106.07	219.20	0.00299	113.14	212.13	0.00332
120.21	205.06	0.00372	127.28	197.99	0.00420
134.35	190.92	0.00476	141.42	183.85	0.00541
144.96	180.31	0.00577	148.49	176.78	0.00613
150.61	174.66	0.00633	152.03	173.24	0.00645
153.44	171.83	0.00656	154.86	170.41	0.00663
156.27	169.00	0.00662	169.00	156.27	0.00344
170.41	154.86	0.00318	171.83	153.44	0.00295
173.24	152.03	0.00275	174.66	150.61	0.00258
176.78	148.49	0.00236	180.31	144.96	0.00207
183.85	141.42	0.00183	190.92	134.35	0.00149

13NCRA_NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

197.99	127.28	0.00125	205.06	120.21	0.00106
212.13	113.14	0.00092	219.20	106.07	0.00081
226.27	98.99	0.00071	233.35	91.92	0.00064
98.99	240.42	0.00240	106.07	233.35	0.00263
113.14	226.27	0.00289	120.21	219.20	0.00320
127.28	212.13	0.00356	134.35	205.06	0.00398
141.42	197.99	0.00444	148.49	190.92	0.00488
152.03	187.38	0.00502	155.56	183.85	0.00505
157.68	181.73	0.00499	159.10	180.31	0.00492
160.51	178.90	0.00483	161.93	177.48	0.00472
163.34	176.07	0.00461	176.07	163.34	0.00296
177.48	161.93	0.00279	178.90	160.51	0.00263
180.31	159.10	0.00248	181.73	157.68	0.00235
183.85	155.56	0.00217	187.38	152.03	0.00191
190.92	148.49	0.00171	197.99	141.42	0.00139
205.06	134.35	0.00117	212.13	127.28	0.00100
219.20	120.21	0.00087	226.27	113.14	0.00076
233.35	106.07	0.00068	240.42	98.99	0.00061
106.07	247.49	0.00233	113.14	240.42	0.00253
120.21	233.35	0.00277	127.28	226.27	0.00304
134.35	219.20	0.00334	141.42	212.13	0.00365
148.49	205.06	0.00390	155.56	197.99	0.00399
159.10	194.45	0.00393	162.63	190.92	0.00382
164.76	188.80	0.00373	166.17	187.38	0.00367
167.58	185.97	0.00361	169.00	184.55	0.00355
170.41	183.14	0.00348	183.14	170.41	0.00248
184.55	169.00	0.00237	185.97	167.58	0.00226
187.38	166.17	0.00216	188.80	164.76	0.00207

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 18:03:23
 **MODELOPTs:
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 CONC URBAN FLAT FLGPOL DFAULT
 *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
190.92	162.63	0.00194	194.45	159.10	0.00174	
197.99	155.56	0.00158	205.06	148.49	0.00131	
212.13	141.42	0.00110	219.20	134.35	0.00095	
226.27	127.28	0.00083	233.35	120.21	0.00073	
240.42	113.14	0.00065	247.49	106.07	0.00058	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS 0.00818 AT (120.92,	133.64,	0.00,	1.20) DC NA
	2ND HIGHEST VALUE IS 0.00815 AT (113.84,	126.57,	0.00,	1.20) DC NA
	3RD HIGHEST VALUE IS 0.00798 AT (127.99,	140.71,	0.00,	1.20) DC NA
	4TH HIGHEST VALUE IS 0.00785 AT (106.77,	119.50,	0.00,	1.20) DC NA
	5TH HIGHEST VALUE IS 0.00764 AT (119.50,	135.06,	0.00,	1.20) DC NA
	6TH HIGHEST VALUE IS 0.00759 AT (112.43,	127.99,	0.00,	1.20) DC NA
	7TH HIGHEST VALUE IS 0.00759 AT (135.06,	147.79,	0.00,	1.20) DC NA
	8TH HIGHEST VALUE IS 0.00746 AT (126.57,	142.13,	0.00,	1.20) DC NA
	9TH HIGHEST VALUE IS 0.00725 AT (105.36,	120.92,	0.00,	1.20) DC NA
	10TH HIGHEST VALUE IS 0.00717 AT (118.09,	136.47,	0.00,	1.20) DC NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00818 AT (57.28,	70.00,	0.00,	1.20) DC NA
	2ND HIGHEST VALUE IS 0.00815 AT (50.20,	62.93,	0.00,	1.20) DC NA
	3RD HIGHEST VALUE IS 0.00798 AT (64.35,	77.07,	0.00,	1.20) DC NA
	4TH HIGHEST VALUE IS 0.00785 AT (43.13,	55.86,	0.00,	1.20) DC NA
	5TH HIGHEST VALUE IS 0.00764 AT (55.86,	71.42,	0.00,	1.20) DC NA
	6TH HIGHEST VALUE IS 0.00759 AT (48.79,	64.35,	0.00,	1.20) DC NA
	7TH HIGHEST VALUE IS 0.00759 AT (71.42,	84.15,	0.00,	1.20) DC NA
	8TH HIGHEST VALUE IS 0.00746 AT (62.93,	78.49,	0.00,	1.20) DC NA
	9TH HIGHEST VALUE IS 0.00725 AT (41.72,	57.28,	0.00,	1.20) DC NA
	10TH HIGHEST VALUE IS 0.00717 AT (54.45,	72.83,	0.00,	1.20) DC NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00818 AT (-6.36,	6.36,	0.00,	1.20) DC NA
	2ND HIGHEST VALUE IS 0.00815 AT (-13.44,	-0.71,	0.00,	1.20) DC NA
	3RD HIGHEST VALUE IS 0.00798 AT (0.71,	13.44,	0.00,	1.20) DC NA
	4TH HIGHEST VALUE IS 0.00785 AT (-20.51,	-7.78,	0.00,	1.20) DC NA
	5TH HIGHEST VALUE IS 0.00764 AT (-7.78,	7.78,	0.00,	1.20) DC NA
	6TH HIGHEST VALUE IS 0.00759 AT (-14.85,	0.71,	0.00,	1.20) DC NA
	7TH HIGHEST VALUE IS 0.00759 AT (7.78,	20.51,	0.00,	1.20) DC NA
	8TH HIGHEST VALUE IS 0.00746 AT (-0.71,	14.85,	0.00,	1.20) DC NA
	9TH HIGHEST VALUE IS 0.00725 AT (-21.92,	-6.36,	0.00,	1.20) DC NA
	10TH HIGHEST VALUE IS 0.00717 AT (-9.19,	9.19,	0.00,	1.20) DC NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at NE/SW Bound Direction

18:03:23

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00818 AT (-70.00,	-57.28,	0.00,	1.20) DC NA
	2ND HIGHEST VALUE IS 0.00816 AT (-77.07,	-64.35,	0.00,	1.20) DC NA
	3RD HIGHEST VALUE IS 0.00798 AT (-62.93,	-50.20,	0.00,	1.20) DC NA
	4TH HIGHEST VALUE IS 0.00785 AT (-84.15,	-71.42,	0.00,	1.20) DC NA
	5TH HIGHEST VALUE IS 0.00764 AT (-71.42,	-55.86,	0.00,	1.20) DC NA
	6TH HIGHEST VALUE IS 0.00759 AT (-78.49,	-62.93,	0.00,	1.20) DC NA
	7TH HIGHEST VALUE IS 0.00759 AT (-55.86,	-43.13,	0.00,	1.20) DC NA
	8TH HIGHEST VALUE IS 0.00746 AT (-64.35,	-48.79,	0.00,	1.20) DC NA
	9TH HIGHEST VALUE IS 0.00725 AT (-85.56,	-70.00,	0.00,	1.20) DC NA
	10TH HIGHEST VALUE IS 0.00717 AT (-72.83,	-54.45,	0.00,	1.20) DC NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00818 AT (-133.64,	-120.92,	0.00,	1.20) DC NA
	2ND HIGHEST VALUE IS 0.00816 AT (-140.71,	-127.99,	0.00,	1.20) DC NA
	3RD HIGHEST VALUE IS 0.00798 AT (-126.57,	-113.84,	0.00,	1.20) DC NA
	4TH HIGHEST VALUE IS 0.00785 AT (-147.79,	-135.06,	0.00,	1.20) DC NA
	5TH HIGHEST VALUE IS 0.00764 AT (-135.06,	-119.50,	0.00,	1.20) DC NA
	6TH HIGHEST VALUE IS 0.00759 AT (-142.13,	-126.57,	0.00,	1.20) DC NA
	7TH HIGHEST VALUE IS 0.00759 AT (-119.50,	-106.77,	0.00,	1.20) DC NA
	8TH HIGHEST VALUE IS 0.00746 AT (-127.99,	-112.43,	0.00,	1.20) DC NA

13NCRA NAPA97-300_DPM_TRAV_ANN_NE-SW Bound

	9TH HIGHEST VALUE IS	0.00725 AT (	-149.20,	-133.64,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00717 AT (	-136.47,	-118.09,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01333 AT (	-34.65,	-21.92,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01333 AT (	-41.72,	-28.99,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01331 AT (	-27.58,	-14.85,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01329 AT (	-20.51,	-7.78,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01328 AT (	-48.79,	-36.06,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01327 AT (	-13.44,	-0.71,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01326 AT (	-55.86,	-43.13,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01324 AT (	-6.36,	6.36,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01324 AT (	-62.93,	-50.20,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01321 AT (	0.71,	13.44,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:03:23

**MODELOPTs:
 PAGE 145

CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 6 Informational Message(s)
 A Total of 6 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 18:13:13

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at NE/SW Bound Direction
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTS FLAT
CO FLAGPOLE 1.2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA 92.28 98.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA 28.64 35.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -35.0 -28.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -98.64 -92.28 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -162.28 -155.92 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 45 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

RE DISCCART	-247.49	-106.07	1.2
RE DISCCART	-240.42	-113.14	1.2
RE DISCCART	-233.35	-120.21	1.2
RE DISCCART	-226.27	-127.28	1.2
RE DISCCART	-219.2	-134.35	1.2
RE DISCCART	-212.13	-141.42	1.2
RE DISCCART	-205.06	-148.49	1.2
RE DISCCART	-197.99	-155.56	1.2
RE DISCCART	-194.45	-159.1	1.2
RE DISCCART	-190.92	-162.63	1.2
RE DISCCART	-188.8	-164.76	1.2
RE DISCCART	-187.38	-166.17	1.2
RE DISCCART	-185.97	-167.58	1.2
RE DISCCART	-184.55	-169.0	1.2
RE DISCCART	-183.14	-170.41	1.2
RE DISCCART	-170.41	-183.14	1.2
RE DISCCART	-169.0	-184.55	1.2
RE DISCCART	-167.58	-185.97	1.2
RE DISCCART	-166.17	-187.38	1.2
RE DISCCART	-164.76	-188.8	1.2
RE DISCCART	-162.63	-190.92	1.2
RE DISCCART	-159.1	-194.45	1.2
RE DISCCART	-155.56	-197.99	1.2
RE DISCCART	-148.49	-205.06	1.2
RE DISCCART	-141.42	-212.13	1.2
RE DISCCART	-134.35	-219.2	1.2
RE DISCCART	-127.28	-226.27	1.2
RE DISCCART	-120.21	-233.35	1.2
RE DISCCART	-113.14	-240.42	1.2
RE DISCCART	-106.07	-247.49	1.2
RE DISCCART	-240.42	-98.99	1.2
RE DISCCART	-233.35	-106.07	1.2
RE DISCCART	-226.27	-113.14	1.2
RE DISCCART	-219.2	-120.21	1.2
RE DISCCART	-212.13	-127.28	1.2
RE DISCCART	-205.06	-134.35	1.2
RE DISCCART	-197.99	-141.42	1.2
RE DISCCART	-190.92	-148.49	1.2
RE DISCCART	-187.38	-152.03	1.2
RE DISCCART	-183.85	-155.56	1.2
RE DISCCART	-181.73	-157.68	1.2
RE DISCCART	-180.31	-159.1	1.2
RE DISCCART	-178.9	-160.51	1.2

RE DISCCART	-177.48	-161.93	1.2
RE DISCCART	-176.07	-163.34	1.2
RE DISCCART	-163.34	-176.07	1.2
RE DISCCART	-161.93	-177.48	1.2
RE DISCCART	-160.51	-178.9	1.2
RE DISCCART	-159.1	-180.31	1.2
RE DISCCART	-157.68	-181.73	1.2
RE DISCCART	-155.56	-183.85	1.2
RE DISCCART	-152.03	-187.38	1.2
RE DISCCART	-148.49	-190.92	1.2
RE DISCCART	-141.42	-197.99	1.2
RE DISCCART	-134.35	-205.06	1.2
RE DISCCART	-127.28	-212.13	1.2
RE DISCCART	-120.21	-219.2	1.2
RE DISCCART	-113.14	-226.27	1.2
RE DISCCART	-106.07	-233.35	1.2
RE DISCCART	-98.99	-240.42	1.2
RE DISCCART	-233.35	-91.92	1.2
RE DISCCART	-226.27	-99.0	1.2
RE DISCCART	-219.2	-106.07	1.2
RE DISCCART	-212.13	-113.14	1.2
RE DISCCART	-205.06	-120.21	1.2
RE DISCCART	-197.99	-127.28	1.2
RE DISCCART	-190.92	-134.35	1.2
RE DISCCART	-183.85	-141.42	1.2
RE DISCCART	-180.31	-144.96	1.2
RE DISCCART	-176.78	-148.49	1.2
RE DISCCART	-174.66	-150.61	1.2
RE DISCCART	-173.24	-152.03	1.2
RE DISCCART	-171.83	-153.44	1.2
RE DISCCART	-170.41	-154.86	1.2
RE DISCCART	-169.0	-156.27	1.2
RE DISCCART	-156.27	-169.0	1.2
RE DISCCART	-154.86	-170.41	1.2
RE DISCCART	-153.44	-171.83	1.2
RE DISCCART	-152.03	-173.24	1.2
RE DISCCART	-150.61	-174.66	1.2
RE DISCCART	-148.49	-176.78	1.2
RE DISCCART	-144.96	-180.31	1.2
RE DISCCART	-141.42	-183.85	1.2
RE DISCCART	-134.35	-190.92	1.2
RE DISCCART	-127.28	-197.99	1.2
RE DISCCART	-120.21	-205.06	1.2
RE DISCCART	-113.14	-212.13	1.2

RE DISCCART	-106.07	-219.2	1.2
RE DISCCART	-98.99	-226.27	1.2
RE DISCCART	-91.92	-233.35	1.2
RE DISCCART	-226.27	-84.85	1.2
RE DISCCART	-219.2	-91.92	1.2
RE DISCCART	-212.13	-99.0	1.2
RE DISCCART	-205.06	-106.07	1.2
RE DISCCART	-197.99	-113.14	1.2
RE DISCCART	-190.92	-120.21	1.2
RE DISCCART	-183.85	-127.28	1.2
RE DISCCART	-176.78	-134.35	1.2
RE DISCCART	-173.24	-137.89	1.2
RE DISCCART	-169.71	-141.42	1.2
RE DISCCART	-167.58	-143.54	1.2
RE DISCCART	-166.17	-144.96	1.2
RE DISCCART	-164.76	-146.37	1.2
RE DISCCART	-163.34	-147.79	1.2
RE DISCCART	-161.93	-149.2	1.2
RE DISCCART	-149.2	-161.93	1.2
RE DISCCART	-147.79	-163.34	1.2
RE DISCCART	-146.37	-164.76	1.2
RE DISCCART	-144.96	-166.17	1.2
RE DISCCART	-143.54	-167.58	1.2
RE DISCCART	-141.42	-169.71	1.2
RE DISCCART	-137.89	-173.24	1.2
RE DISCCART	-134.35	-176.78	1.2
RE DISCCART	-127.28	-183.85	1.2
RE DISCCART	-120.21	-190.92	1.2
RE DISCCART	-113.14	-197.99	1.2
RE DISCCART	-106.07	-205.06	1.2
RE DISCCART	-98.99	-212.13	1.2
RE DISCCART	-91.92	-219.2	1.2
RE DISCCART	-84.85	-226.27	1.2
RE DISCCART	-219.2	-77.78	1.2
RE DISCCART	-212.13	-84.85	1.2
RE DISCCART	-205.06	-91.92	1.2
RE DISCCART	-197.99	-99.0	1.2
RE DISCCART	-190.92	-106.07	1.2
RE DISCCART	-183.85	-113.14	1.2
RE DISCCART	-176.78	-120.21	1.2
RE DISCCART	-169.71	-127.28	1.2
RE DISCCART	-166.17	-130.81	1.2
RE DISCCART	-162.63	-134.35	1.2
RE DISCCART	-160.51	-136.47	1.2

RE DISCCART	-159.1	-137.89	1.2
RE DISCCART	-157.68	-139.3	1.2
RE DISCCART	-156.27	-140.71	1.2
RE DISCCART	-154.86	-142.13	1.2
RE DISCCART	-142.13	-154.86	1.2
RE DISCCART	-140.71	-156.27	1.2
RE DISCCART	-139.3	-157.68	1.2
RE DISCCART	-137.89	-159.1	1.2
RE DISCCART	-136.47	-160.51	1.2
RE DISCCART	-134.35	-162.63	1.2
RE DISCCART	-130.81	-166.17	1.2
RE DISCCART	-127.28	-169.71	1.2
RE DISCCART	-120.21	-176.78	1.2
RE DISCCART	-113.14	-183.85	1.2
RE DISCCART	-106.07	-190.92	1.2
RE DISCCART	-98.99	-197.99	1.2
RE DISCCART	-91.92	-205.06	1.2
RE DISCCART	-84.85	-212.13	1.2
RE DISCCART	-77.78	-219.2	1.2
RE DISCCART	-212.13	-70.71	1.2
RE DISCCART	-205.06	-77.78	1.2
RE DISCCART	-197.99	-84.85	1.2
RE DISCCART	-190.92	-91.92	1.2
RE DISCCART	-183.85	-98.99	1.2
RE DISCCART	-176.78	-106.07	1.2
RE DISCCART	-169.71	-113.14	1.2
RE DISCCART	-162.63	-120.21	1.2
RE DISCCART	-159.1	-123.74	1.2
RE DISCCART	-155.56	-127.28	1.2
RE DISCCART	-153.44	-129.4	1.2
RE DISCCART	-152.03	-130.81	1.2
RE DISCCART	-150.61	-132.23	1.2
RE DISCCART	-149.2	-133.64	1.2
RE DISCCART	-147.79	-135.06	1.2
RE DISCCART	-135.06	-147.79	1.2
RE DISCCART	-133.64	-149.2	1.2
RE DISCCART	-132.23	-150.61	1.2
RE DISCCART	-130.81	-152.03	1.2
RE DISCCART	-129.4	-153.44	1.2
RE DISCCART	-127.28	-155.56	1.2
RE DISCCART	-123.74	-159.1	1.2
RE DISCCART	-120.21	-162.63	1.2
RE DISCCART	-113.14	-169.71	1.2
RE DISCCART	-106.07	-176.78	1.2

RE DISCCART	-98.99	-183.85	1.2
RE DISCCART	-91.92	-190.92	1.2
RE DISCCART	-84.85	-197.99	1.2
RE DISCCART	-77.78	-205.06	1.2
RE DISCCART	-70.71	-212.13	1.2
RE DISCCART	-205.06	-63.64	1.2
RE DISCCART	-197.99	-70.71	1.2
RE DISCCART	-190.92	-77.78	1.2
RE DISCCART	-183.85	-84.85	1.2
RE DISCCART	-176.78	-91.92	1.2
RE DISCCART	-169.71	-98.99	1.2
RE DISCCART	-162.63	-106.07	1.2
RE DISCCART	-155.56	-113.14	1.2
RE DISCCART	-152.03	-116.67	1.2
RE DISCCART	-148.49	-120.21	1.2
RE DISCCART	-146.37	-122.33	1.2
RE DISCCART	-144.96	-123.74	1.2
RE DISCCART	-143.54	-125.16	1.2
RE DISCCART	-142.13	-126.57	1.2
RE DISCCART	-140.71	-127.99	1.2
RE DISCCART	-127.99	-140.71	1.2
RE DISCCART	-126.57	-142.13	1.2
RE DISCCART	-125.16	-143.54	1.2
RE DISCCART	-123.74	-144.96	1.2
RE DISCCART	-122.33	-146.37	1.2
RE DISCCART	-120.21	-148.49	1.2
RE DISCCART	-116.67	-152.03	1.2
RE DISCCART	-113.14	-155.56	1.2
RE DISCCART	-106.07	-162.63	1.2
RE DISCCART	-98.99	-169.71	1.2
RE DISCCART	-91.92	-176.78	1.2
RE DISCCART	-84.85	-183.85	1.2
RE DISCCART	-77.78	-190.92	1.2
RE DISCCART	-70.71	-197.99	1.2
RE DISCCART	-63.64	-205.06	1.2
RE DISCCART	-197.99	-56.57	1.2
RE DISCCART	-190.92	-63.64	1.2
RE DISCCART	-183.85	-70.71	1.2
RE DISCCART	-176.78	-77.78	1.2
RE DISCCART	-169.71	-84.85	1.2
RE DISCCART	-162.63	-91.92	1.2
RE DISCCART	-155.56	-98.99	1.2
RE DISCCART	-148.49	-106.07	1.2
RE DISCCART	-144.96	-109.6	1.2

RE DISCCART	-141.42	-113.14	1.2
RE DISCCART	-139.3	-115.26	1.2
RE DISCCART	-137.89	-116.67	1.2
RE DISCCART	-136.47	-118.09	1.2
RE DISCCART	-135.06	-119.5	1.2
RE DISCCART	-133.64	-120.92	1.2
RE DISCCART	-120.92	-133.64	1.2
RE DISCCART	-119.5	-135.06	1.2
RE DISCCART	-118.09	-136.47	1.2
RE DISCCART	-116.67	-137.89	1.2
RE DISCCART	-115.26	-139.3	1.2
RE DISCCART	-113.14	-141.42	1.2
RE DISCCART	-109.6	-144.96	1.2
RE DISCCART	-106.07	-148.49	1.2
RE DISCCART	-98.99	-155.56	1.2
RE DISCCART	-91.92	-162.63	1.2
RE DISCCART	-84.85	-169.71	1.2
RE DISCCART	-77.78	-176.78	1.2
RE DISCCART	-70.71	-183.85	1.2
RE DISCCART	-63.64	-190.92	1.2
RE DISCCART	-56.57	-197.99	1.2
RE DISCCART	-190.92	-49.5	1.2
RE DISCCART	-183.85	-56.57	1.2
RE DISCCART	-176.78	-63.64	1.2
RE DISCCART	-169.71	-70.71	1.2
RE DISCCART	-162.63	-77.78	1.2
RE DISCCART	-155.56	-84.85	1.2
RE DISCCART	-148.49	-91.92	1.2
RE DISCCART	-141.42	-98.99	1.2
RE DISCCART	-137.89	-102.53	1.2
RE DISCCART	-134.35	-106.07	1.2
RE DISCCART	-132.23	-108.19	1.2
RE DISCCART	-130.81	-109.6	1.2
RE DISCCART	-129.4	-111.02	1.2
RE DISCCART	-127.99	-112.43	1.2
RE DISCCART	-126.57	-113.84	1.2
RE DISCCART	-113.84	-126.57	1.2
RE DISCCART	-112.43	-127.99	1.2
RE DISCCART	-111.02	-129.4	1.2
RE DISCCART	-109.6	-130.81	1.2
RE DISCCART	-108.19	-132.23	1.2
RE DISCCART	-106.07	-134.35	1.2
RE DISCCART	-102.53	-137.89	1.2
RE DISCCART	-98.99	-141.42	1.2

RE DISCCART	-91.92	-148.49	1.2
RE DISCCART	-84.85	-155.56	1.2
RE DISCCART	-77.78	-162.63	1.2
RE DISCCART	-70.71	-169.71	1.2
RE DISCCART	-63.64	-176.78	1.2
RE DISCCART	-56.57	-183.85	1.2
RE DISCCART	-49.5	-190.92	1.2
RE DISCCART	-183.85	-42.43	1.2
RE DISCCART	-176.78	-49.5	1.2
RE DISCCART	-169.71	-56.57	1.2
RE DISCCART	-162.63	-63.64	1.2
RE DISCCART	-155.56	-70.71	1.2
RE DISCCART	-148.49	-77.78	1.2
RE DISCCART	-141.42	-84.85	1.2
RE DISCCART	-134.35	-91.92	1.2
RE DISCCART	-130.81	-95.46	1.2
RE DISCCART	-127.28	-98.99	1.2
RE DISCCART	-125.16	-101.12	1.2
RE DISCCART	-123.74	-102.53	1.2
RE DISCCART	-122.33	-103.94	1.2
RE DISCCART	-120.92	-105.36	1.2
RE DISCCART	-119.5	-106.77	1.2
RE DISCCART	-106.77	-119.5	1.2
RE DISCCART	-105.36	-120.92	1.2
RE DISCCART	-103.94	-122.33	1.2
RE DISCCART	-102.53	-123.74	1.2
RE DISCCART	-101.12	-125.16	1.2
RE DISCCART	-98.99	-127.28	1.2
RE DISCCART	-95.46	-130.81	1.2
RE DISCCART	-91.92	-134.35	1.2
RE DISCCART	-84.85	-141.42	1.2
RE DISCCART	-77.78	-148.49	1.2
RE DISCCART	-70.71	-155.56	1.2
RE DISCCART	-63.64	-162.63	1.2
RE DISCCART	-56.57	-169.71	1.2
RE DISCCART	-49.5	-176.78	1.2
RE DISCCART	-42.43	-183.85	1.2
RE DISCCART	-176.78	-35.36	1.2
RE DISCCART	-169.71	-42.43	1.2
RE DISCCART	-162.63	-49.5	1.2
RE DISCCART	-155.56	-56.57	1.2
RE DISCCART	-148.49	-63.64	1.2
RE DISCCART	-141.42	-70.71	1.2
RE DISCCART	-134.35	-77.78	1.2

RE DISCCART	-127.28	-84.85	1.2
RE DISCCART	-123.74	-88.39	1.2
RE DISCCART	-120.21	-91.92	1.2
RE DISCCART	-118.09	-94.05	1.2
RE DISCCART	-116.67	-95.46	1.2
RE DISCCART	-115.26	-96.87	1.2
RE DISCCART	-113.84	-98.29	1.2
RE DISCCART	-112.43	-99.7	1.2
RE DISCCART	-99.7	-112.43	1.2
RE DISCCART	-98.29	-113.84	1.2
RE DISCCART	-96.87	-115.26	1.2
RE DISCCART	-95.46	-116.67	1.2
RE DISCCART	-94.05	-118.09	1.2
RE DISCCART	-91.92	-120.21	1.2
RE DISCCART	-88.39	-123.74	1.2
RE DISCCART	-84.85	-127.28	1.2
RE DISCCART	-77.78	-134.35	1.2
RE DISCCART	-70.71	-141.42	1.2
RE DISCCART	-63.64	-148.49	1.2
RE DISCCART	-56.57	-155.56	1.2
RE DISCCART	-49.5	-162.63	1.2
RE DISCCART	-42.43	-169.71	1.2
RE DISCCART	-35.36	-176.78	1.2
RE DISCCART	-169.71	-28.28	1.2
RE DISCCART	-162.63	-35.36	1.2
RE DISCCART	-155.56	-42.43	1.2
RE DISCCART	-148.49	-49.5	1.2
RE DISCCART	-141.42	-56.57	1.2
RE DISCCART	-134.35	-63.64	1.2
RE DISCCART	-127.28	-70.71	1.2
RE DISCCART	-120.21	-77.78	1.2
RE DISCCART	-116.67	-81.32	1.2
RE DISCCART	-113.14	-84.85	1.2
RE DISCCART	-111.02	-86.97	1.2
RE DISCCART	-109.6	-88.39	1.2
RE DISCCART	-108.19	-89.8	1.2
RE DISCCART	-106.77	-91.22	1.2
RE DISCCART	-105.36	-92.63	1.2
RE DISCCART	-92.63	-105.36	1.2
RE DISCCART	-91.22	-106.77	1.2
RE DISCCART	-89.8	-108.19	1.2
RE DISCCART	-88.39	-109.6	1.2
RE DISCCART	-86.97	-111.02	1.2
RE DISCCART	-84.85	-113.14	1.2

RE DISCCART	-81.32	-116.67	1.2
RE DISCCART	-77.78	-120.21	1.2
RE DISCCART	-70.71	-127.28	1.2
RE DISCCART	-63.64	-134.35	1.2
RE DISCCART	-56.57	-141.42	1.2
RE DISCCART	-49.5	-148.49	1.2
RE DISCCART	-42.43	-155.56	1.2
RE DISCCART	-35.36	-162.63	1.2
RE DISCCART	-28.28	-169.71	1.2
RE DISCCART	-162.63	-21.21	1.2
RE DISCCART	-155.56	-28.28	1.2
RE DISCCART	-148.49	-35.36	1.2
RE DISCCART	-141.42	-42.43	1.2
RE DISCCART	-134.35	-49.5	1.2
RE DISCCART	-127.28	-56.57	1.2
RE DISCCART	-120.21	-63.64	1.2
RE DISCCART	-113.14	-70.71	1.2
RE DISCCART	-109.6	-74.25	1.2
RE DISCCART	-106.07	-77.78	1.2
RE DISCCART	-103.94	-79.9	1.2
RE DISCCART	-102.53	-81.32	1.2
RE DISCCART	-101.12	-82.73	1.2
RE DISCCART	-99.7	-84.15	1.2
RE DISCCART	-98.29	-85.56	1.2
RE DISCCART	-85.56	-98.29	1.2
RE DISCCART	-84.15	-99.7	1.2
RE DISCCART	-82.73	-101.12	1.2
RE DISCCART	-81.32	-102.53	1.2
RE DISCCART	-79.9	-103.94	1.2
RE DISCCART	-77.78	-106.07	1.2
RE DISCCART	-74.25	-109.6	1.2
RE DISCCART	-70.71	-113.14	1.2
RE DISCCART	-63.64	-120.21	1.2
RE DISCCART	-56.57	-127.28	1.2
RE DISCCART	-49.5	-134.35	1.2
RE DISCCART	-42.43	-141.42	1.2
RE DISCCART	-35.36	-148.49	1.2
RE DISCCART	-28.28	-155.56	1.2
RE DISCCART	-21.21	-162.63	1.2
RE DISCCART	-155.56	-14.14	1.2
RE DISCCART	-148.49	-21.21	1.2
RE DISCCART	-141.42	-28.28	1.2
RE DISCCART	-134.35	-35.36	1.2
RE DISCCART	-127.28	-42.43	1.2

RE DISCCART	-120.21	-49.5	1.2
RE DISCCART	-113.14	-56.57	1.2
RE DISCCART	-106.07	-63.64	1.2
RE DISCCART	-102.53	-67.18	1.2
RE DISCCART	-98.99	-70.71	1.2
RE DISCCART	-96.87	-72.83	1.2
RE DISCCART	-95.46	-74.25	1.2
RE DISCCART	-94.05	-75.66	1.2
RE DISCCART	-92.63	-77.07	1.2
RE DISCCART	-91.22	-78.49	1.2
RE DISCCART	-78.49	-91.22	1.2
RE DISCCART	-77.07	-92.63	1.2
RE DISCCART	-75.66	-94.05	1.2
RE DISCCART	-74.25	-95.46	1.2
RE DISCCART	-72.83	-96.87	1.2
RE DISCCART	-70.71	-98.99	1.2
RE DISCCART	-67.18	-102.53	1.2
RE DISCCART	-63.64	-106.07	1.2
RE DISCCART	-56.57	-113.14	1.2
RE DISCCART	-49.5	-120.21	1.2
RE DISCCART	-42.43	-127.28	1.2
RE DISCCART	-35.36	-134.35	1.2
RE DISCCART	-28.28	-141.42	1.2
RE DISCCART	-21.21	-148.49	1.2
RE DISCCART	-14.14	-155.56	1.2
RE DISCCART	-148.49	-7.07	1.2
RE DISCCART	-141.42	-14.14	1.2
RE DISCCART	-134.35	-21.21	1.2
RE DISCCART	-127.28	-28.28	1.2
RE DISCCART	-120.21	-35.36	1.2
RE DISCCART	-113.14	-42.43	1.2
RE DISCCART	-106.07	-49.5	1.2
RE DISCCART	-98.99	-56.57	1.2
RE DISCCART	-95.46	-60.1	1.2
RE DISCCART	-91.92	-63.64	1.2
RE DISCCART	-89.8	-65.76	1.2
RE DISCCART	-88.39	-67.18	1.2
RE DISCCART	-86.97	-68.59	1.2
RE DISCCART	-85.56	-70.0	1.2
RE DISCCART	-84.15	-71.42	1.2
RE DISCCART	-71.42	-84.15	1.2
RE DISCCART	-70.0	-85.56	1.2
RE DISCCART	-68.59	-86.97	1.2
RE DISCCART	-67.18	-88.39	1.2

RE DISCCART	-65.76	-89.8	1.2
RE DISCCART	-63.64	-91.92	1.2
RE DISCCART	-60.1	-95.46	1.2
RE DISCCART	-56.57	-98.99	1.2
RE DISCCART	-49.5	-106.07	1.2
RE DISCCART	-42.43	-113.14	1.2
RE DISCCART	-35.36	-120.21	1.2
RE DISCCART	-28.28	-127.28	1.2
RE DISCCART	-21.21	-134.35	1.2
RE DISCCART	-14.14	-141.42	1.2
RE DISCCART	-7.07	-148.49	1.2
RE DISCCART	-141.42	0.0	1.2
RE DISCCART	-134.35	-7.07	1.2
RE DISCCART	-127.28	-14.14	1.2
RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	-106.07	-35.36	1.2
RE DISCCART	-98.99	-42.43	1.2
RE DISCCART	-91.92	-49.5	1.2
RE DISCCART	-88.39	-53.03	1.2
RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	-82.73	-58.69	1.2
RE DISCCART	-81.32	-60.1	1.2
RE DISCCART	-79.9	-61.52	1.2
RE DISCCART	-78.49	-62.93	1.2
RE DISCCART	-77.07	-64.35	1.2
RE DISCCART	-64.35	-77.07	1.2
RE DISCCART	-62.93	-78.49	1.2
RE DISCCART	-61.52	-79.9	1.2
RE DISCCART	-60.1	-81.32	1.2
RE DISCCART	-58.69	-82.73	1.2
RE DISCCART	-56.57	-84.85	1.2
RE DISCCART	-53.03	-88.39	1.2
RE DISCCART	-49.5	-91.92	1.2
RE DISCCART	-42.43	-98.99	1.2
RE DISCCART	-35.36	-106.07	1.2
RE DISCCART	-28.28	-113.14	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	-14.14	-127.28	1.2
RE DISCCART	-7.07	-134.35	1.2
RE DISCCART	0.0	-141.42	1.2
RE DISCCART	-134.35	7.07	1.2
RE DISCCART	-127.28	0.0	1.2
RE DISCCART	-120.21	-7.07	1.2

RE DISCCART	-113.14	-14.14	1.2
RE DISCCART	-106.07	-21.21	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-91.92	-35.36	1.2
RE DISCCART	-84.85	-42.43	1.2
RE DISCCART	-81.32	-45.96	1.2
RE DISCCART	-77.78	-49.5	1.2
RE DISCCART	-75.66	-51.62	1.2
RE DISCCART	-74.25	-53.03	1.2
RE DISCCART	-72.83	-54.45	1.2
RE DISCCART	-71.42	-55.86	1.2
RE DISCCART	-70.0	-57.28	1.2
RE DISCCART	-57.28	-70.0	1.2
RE DISCCART	-55.86	-71.42	1.2
RE DISCCART	-54.45	-72.83	1.2
RE DISCCART	-53.03	-74.25	1.2
RE DISCCART	-51.62	-75.66	1.2
RE DISCCART	-49.5	-77.78	1.2
RE DISCCART	-45.96	-81.32	1.2
RE DISCCART	-42.43	-84.85	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-28.28	-98.99	1.2
RE DISCCART	-21.21	-106.07	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	-127.28	14.14	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-113.14	0.0	1.2
RE DISCCART	-106.07	-7.07	1.2
RE DISCCART	-98.99	-14.14	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-77.78	-35.36	1.2
RE DISCCART	-74.25	-38.89	1.2
RE DISCCART	-70.71	-42.43	1.2
RE DISCCART	-68.59	-44.55	1.2
RE DISCCART	-67.18	-45.96	1.2
RE DISCCART	-65.76	-47.38	1.2
RE DISCCART	-64.35	-48.79	1.2
RE DISCCART	-62.93	-50.2	1.2
RE DISCCART	-50.2	-62.93	1.2
RE DISCCART	-48.79	-64.35	1.2

RE DISCCART	-47.38	-65.76	1.2
RE DISCCART	-45.96	-67.18	1.2
RE DISCCART	-44.55	-68.59	1.2
RE DISCCART	-42.43	-70.71	1.2
RE DISCCART	-38.89	-74.25	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-21.21	-91.92	1.2
RE DISCCART	-14.14	-98.99	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	-120.21	21.21	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-106.07	7.07	1.2
RE DISCCART	-98.99	0.0	1.2
RE DISCCART	-91.92	-7.07	1.2
RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-70.71	-28.28	1.2
RE DISCCART	-67.18	-31.82	1.2
RE DISCCART	-63.64	-35.36	1.2
RE DISCCART	-61.52	-37.48	1.2
RE DISCCART	-60.1	-38.89	1.2
RE DISCCART	-58.69	-40.31	1.2
RE DISCCART	-57.28	-41.72	1.2
RE DISCCART	-55.86	-43.13	1.2
RE DISCCART	-43.13	-55.86	1.2
RE DISCCART	-41.72	-57.28	1.2
RE DISCCART	-40.31	-58.69	1.2
RE DISCCART	-38.89	-60.1	1.2
RE DISCCART	-37.48	-61.52	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-31.82	-67.18	1.2
RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-21.21	-77.78	1.2
RE DISCCART	-14.14	-84.85	1.2
RE DISCCART	-7.07	-91.92	1.2
RE DISCCART	0.0	-98.99	1.2
RE DISCCART	7.07	-106.07	1.2
RE DISCCART	14.14	-113.14	1.2
RE DISCCART	21.21	-120.21	1.2
RE DISCCART	-113.14	28.28	1.2

RE DISCCART	-106.07	21.21	1.2
RE DISCCART	-98.99	14.14	1.2
RE DISCCART	-91.92	7.07	1.2
RE DISCCART	-84.85	0.0	1.2
RE DISCCART	-77.78	-7.07	1.2
RE DISCCART	-70.71	-14.14	1.2
RE DISCCART	-63.64	-21.21	1.2
RE DISCCART	-60.1	-24.75	1.2
RE DISCCART	-56.57	-28.28	1.2
RE DISCCART	-54.45	-30.41	1.2
RE DISCCART	-53.03	-31.82	1.2
RE DISCCART	-51.62	-33.23	1.2
RE DISCCART	-50.2	-34.65	1.2
RE DISCCART	-48.79	-36.06	1.2
RE DISCCART	-36.06	-48.79	1.2
RE DISCCART	-34.65	-50.2	1.2
RE DISCCART	-33.23	-51.62	1.2
RE DISCCART	-31.82	-53.03	1.2
RE DISCCART	-30.41	-54.45	1.2
RE DISCCART	-28.28	-56.57	1.2
RE DISCCART	-24.75	-60.1	1.2
RE DISCCART	-21.21	-63.64	1.2
RE DISCCART	-14.14	-70.71	1.2
RE DISCCART	-7.07	-77.78	1.2
RE DISCCART	0.0	-84.85	1.2
RE DISCCART	7.07	-91.92	1.2
RE DISCCART	14.14	-98.99	1.2
RE DISCCART	21.21	-106.07	1.2
RE DISCCART	28.28	-113.14	1.2
RE DISCCART	-106.07	35.36	1.2
RE DISCCART	-98.99	28.28	1.2
RE DISCCART	-91.92	21.21	1.2
RE DISCCART	-84.85	14.14	1.2
RE DISCCART	-77.78	7.07	1.2
RE DISCCART	-70.71	0.0	1.2
RE DISCCART	-63.64	-7.07	1.2
RE DISCCART	-56.57	-14.14	1.2
RE DISCCART	-53.03	-17.68	1.2
RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-47.38	-23.33	1.2
RE DISCCART	-45.96	-24.75	1.2
RE DISCCART	-44.55	-26.16	1.2
RE DISCCART	-43.13	-27.58	1.2
RE DISCCART	-41.72	-28.99	1.2

RE DISCCART	-28.99	-41.72	1.2
RE DISCCART	-27.58	-43.13	1.2
RE DISCCART	-26.16	-44.55	1.2
RE DISCCART	-24.75	-45.96	1.2
RE DISCCART	-23.33	-47.38	1.2
RE DISCCART	-21.21	-49.5	1.2
RE DISCCART	-17.68	-53.03	1.2
RE DISCCART	-14.14	-56.57	1.2
RE DISCCART	-7.07	-63.64	1.2
RE DISCCART	0.0	-70.71	1.2
RE DISCCART	7.07	-77.78	1.2
RE DISCCART	14.14	-84.85	1.2
RE DISCCART	21.21	-91.92	1.2
RE DISCCART	28.28	-98.99	1.2
RE DISCCART	35.36	-106.07	1.2
RE DISCCART	-98.99	42.43	1.2
RE DISCCART	-91.92	35.36	1.2
RE DISCCART	-84.85	28.28	1.2
RE DISCCART	-77.78	21.21	1.2
RE DISCCART	-70.71	14.14	1.2
RE DISCCART	-63.64	7.07	1.2
RE DISCCART	-56.57	0.0	1.2
RE DISCCART	-49.5	-7.07	1.2
RE DISCCART	-45.96	-10.61	1.2
RE DISCCART	-42.43	-14.14	1.2
RE DISCCART	-40.31	-16.26	1.2
RE DISCCART	-38.89	-17.68	1.2
RE DISCCART	-37.48	-19.09	1.2
RE DISCCART	-36.06	-20.51	1.2
RE DISCCART	-34.65	-21.92	1.2
RE DISCCART	-21.92	-34.65	1.2
RE DISCCART	-20.51	-36.06	1.2
RE DISCCART	-19.09	-37.48	1.2
RE DISCCART	-17.68	-38.89	1.2
RE DISCCART	-16.26	-40.31	1.2
RE DISCCART	-14.14	-42.43	1.2
RE DISCCART	-10.61	-45.96	1.2
RE DISCCART	-7.07	-49.5	1.2
RE DISCCART	0.0	-56.57	1.2
RE DISCCART	7.07	-63.64	1.2
RE DISCCART	14.14	-70.71	1.2
RE DISCCART	21.21	-77.78	1.2
RE DISCCART	28.28	-84.85	1.2
RE DISCCART	35.36	-91.92	1.2

RE DISCCART	42.43	-98.99	1.2
RE DISCCART	-91.92	49.5	1.2
RE DISCCART	-84.85	42.43	1.2
RE DISCCART	-77.78	35.36	1.2
RE DISCCART	-70.71	28.28	1.2
RE DISCCART	-63.64	21.21	1.2
RE DISCCART	-56.57	14.14	1.2
RE DISCCART	-49.5	7.07	1.2
RE DISCCART	-42.43	0.0	1.2
RE DISCCART	-38.89	-3.54	1.2
RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-33.23	-9.19	1.2
RE DISCCART	-31.82	-10.61	1.2
RE DISCCART	-30.41	-12.02	1.2
RE DISCCART	-28.99	-13.44	1.2
RE DISCCART	-27.58	-14.85	1.2
RE DISCCART	-14.85	-27.58	1.2
RE DISCCART	-13.44	-28.99	1.2
RE DISCCART	-12.02	-30.41	1.2
RE DISCCART	-10.61	-31.82	1.2
RE DISCCART	-9.19	-33.23	1.2
RE DISCCART	-7.07	-35.36	1.2
RE DISCCART	-3.54	-38.89	1.2
RE DISCCART	0.0	-42.43	1.2
RE DISCCART	7.07	-49.5	1.2
RE DISCCART	14.14	-56.57	1.2
RE DISCCART	21.21	-63.64	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	35.36	-77.78	1.2
RE DISCCART	42.43	-84.85	1.2
RE DISCCART	49.5	-91.92	1.2
RE DISCCART	-84.85	56.57	1.2
RE DISCCART	-77.78	49.5	1.2
RE DISCCART	-70.71	42.43	1.2
RE DISCCART	-63.64	35.36	1.2
RE DISCCART	-56.57	28.28	1.2
RE DISCCART	-49.5	21.21	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-35.36	7.07	1.2
RE DISCCART	-31.82	3.54	1.2
RE DISCCART	-28.28	0.0	1.2
RE DISCCART	-26.16	-2.12	1.2
RE DISCCART	-24.75	-3.54	1.2
RE DISCCART	-23.33	-4.95	1.2

RE DISCCART	-21.92	-6.36	1.2
RE DISCCART	-20.51	-7.78	1.2
RE DISCCART	-7.78	-20.51	1.2
RE DISCCART	-6.36	-21.92	1.2
RE DISCCART	-4.95	-23.33	1.2
RE DISCCART	-3.54	-24.75	1.2
RE DISCCART	-2.12	-26.16	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	3.54	-31.82	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	28.28	-56.57	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	42.43	-70.71	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	56.57	-84.85	1.2
RE DISCCART	-77.78	63.64	1.2
RE DISCCART	-70.71	56.57	1.2
RE DISCCART	-63.64	49.5	1.2
RE DISCCART	-56.57	42.43	1.2
RE DISCCART	-49.5	35.36	1.2
RE DISCCART	-42.43	28.28	1.2
RE DISCCART	-35.36	21.21	1.2
RE DISCCART	-28.28	14.14	1.2
RE DISCCART	-24.75	10.61	1.2
RE DISCCART	-21.21	7.07	1.2
RE DISCCART	-19.09	4.95	1.2
RE DISCCART	-17.68	3.54	1.2
RE DISCCART	-16.26	2.12	1.2
RE DISCCART	-14.85	0.71	1.2
RE DISCCART	-13.44	-0.71	1.2
RE DISCCART	-0.71	-13.44	1.2
RE DISCCART	0.71	-14.85	1.2
RE DISCCART	2.12	-16.26	1.2
RE DISCCART	3.54	-17.68	1.2
RE DISCCART	4.95	-19.09	1.2
RE DISCCART	7.07	-21.21	1.2
RE DISCCART	10.61	-24.75	1.2
RE DISCCART	14.14	-28.28	1.2
RE DISCCART	21.21	-35.36	1.2
RE DISCCART	28.28	-42.43	1.2
RE DISCCART	35.36	-49.5	1.2
RE DISCCART	42.43	-56.57	1.2

RE DISCCART	49.5	-63.64	1.2
RE DISCCART	56.57	-70.71	1.2
RE DISCCART	63.64	-77.78	1.2
RE DISCCART	-70.71	70.71	1.2
RE DISCCART	-63.64	63.64	1.2
RE DISCCART	-56.57	56.57	1.2
RE DISCCART	-49.5	49.5	1.2
RE DISCCART	-42.43	42.43	1.2
RE DISCCART	-35.36	35.36	1.2
RE DISCCART	-28.28	28.28	1.2
RE DISCCART	-21.21	21.21	1.2
RE DISCCART	-17.68	17.68	1.2
RE DISCCART	-14.14	14.14	1.2
RE DISCCART	-12.02	12.02	1.2
RE DISCCART	-10.61	10.61	1.2
RE DISCCART	-9.19	9.19	1.2
RE DISCCART	-7.78	7.78	1.2
RE DISCCART	-6.36	6.36	1.2
RE DISCCART	6.36	-6.36	1.2
RE DISCCART	7.78	-7.78	1.2
RE DISCCART	9.19	-9.19	1.2
RE DISCCART	10.61	-10.61	1.2
RE DISCCART	12.02	-12.02	1.2
RE DISCCART	14.14	-14.14	1.2
RE DISCCART	17.68	-17.68	1.2
RE DISCCART	21.21	-21.21	1.2
RE DISCCART	28.28	-28.28	1.2
RE DISCCART	35.36	-35.36	1.2
RE DISCCART	42.43	-42.43	1.2
RE DISCCART	49.5	-49.5	1.2
RE DISCCART	56.57	-56.57	1.2
RE DISCCART	63.64	-63.64	1.2
RE DISCCART	70.71	-70.71	1.2
RE DISCCART	-63.64	77.78	1.2
RE DISCCART	-56.57	70.71	1.2
RE DISCCART	-49.5	63.64	1.2
RE DISCCART	-42.43	56.57	1.2
RE DISCCART	-35.36	49.5	1.2
RE DISCCART	-28.28	42.43	1.2
RE DISCCART	-21.21	35.36	1.2
RE DISCCART	-14.14	28.28	1.2
RE DISCCART	-10.61	24.75	1.2
RE DISCCART	-7.07	21.21	1.2
RE DISCCART	-4.95	19.09	1.2

RE DISCCART	-3.54	17.68	1.2
RE DISCCART	-2.12	16.26	1.2
RE DISCCART	-0.71	14.85	1.2
RE DISCCART	0.71	13.44	1.2
RE DISCCART	13.44	0.71	1.2
RE DISCCART	14.85	-0.71	1.2
RE DISCCART	16.26	-2.12	1.2
RE DISCCART	17.68	-3.54	1.2
RE DISCCART	19.09	-4.95	1.2
RE DISCCART	21.21	-7.07	1.2
RE DISCCART	24.75	-10.61	1.2
RE DISCCART	28.28	-14.14	1.2
RE DISCCART	35.36	-21.21	1.2
RE DISCCART	42.43	-28.28	1.2
RE DISCCART	49.5	-35.36	1.2
RE DISCCART	56.57	-42.43	1.2
RE DISCCART	63.64	-49.5	1.2
RE DISCCART	70.71	-56.57	1.2
RE DISCCART	77.78	-63.64	1.2
RE DISCCART	-56.57	84.85	1.2
RE DISCCART	-49.5	77.78	1.2
RE DISCCART	-42.43	70.71	1.2
RE DISCCART	-35.36	63.64	1.2
RE DISCCART	-28.28	56.57	1.2
RE DISCCART	-21.21	49.5	1.2
RE DISCCART	-14.14	42.43	1.2
RE DISCCART	-7.07	35.36	1.2
RE DISCCART	-3.54	31.82	1.2
RE DISCCART	0.0	28.28	1.2
RE DISCCART	2.12	26.16	1.2
RE DISCCART	3.54	24.75	1.2
RE DISCCART	4.95	23.33	1.2
RE DISCCART	6.36	21.92	1.2
RE DISCCART	7.78	20.51	1.2
RE DISCCART	20.51	7.78	1.2
RE DISCCART	21.92	6.36	1.2
RE DISCCART	23.33	4.95	1.2
RE DISCCART	24.75	3.54	1.2
RE DISCCART	26.16	2.12	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	31.82	-3.54	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	42.43	-14.14	1.2
RE DISCCART	49.5	-21.21	1.2

RE DISCCART	56.57	-28.28	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	-49.5	91.92	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-35.36	77.78	1.2
RE DISCCART	-28.28	70.71	1.2
RE DISCCART	-21.21	63.64	1.2
RE DISCCART	-14.14	56.57	1.2
RE DISCCART	-7.07	49.5	1.2
RE DISCCART	0.0	42.43	1.2
RE DISCCART	3.54	38.89	1.2
RE DISCCART	7.07	35.36	1.2
RE DISCCART	9.19	33.23	1.2
RE DISCCART	10.61	31.82	1.2
RE DISCCART	12.02	30.41	1.2
RE DISCCART	13.44	28.99	1.2
RE DISCCART	14.85	27.58	1.2
RE DISCCART	27.58	14.85	1.2
RE DISCCART	28.99	13.44	1.2
RE DISCCART	30.41	12.02	1.2
RE DISCCART	31.82	10.61	1.2
RE DISCCART	33.23	9.19	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	38.89	3.54	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	63.64	-21.21	1.2
RE DISCCART	70.71	-28.28	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	-42.43	98.99	1.2
RE DISCCART	-35.36	91.92	1.2
RE DISCCART	-28.28	84.85	1.2
RE DISCCART	-21.21	77.78	1.2
RE DISCCART	-14.14	70.71	1.2
RE DISCCART	-7.07	63.64	1.2
RE DISCCART	0.0	56.57	1.2
RE DISCCART	7.07	49.5	1.2
RE DISCCART	10.61	45.96	1.2

RE DISCCART	14.14	42.43	1.2
RE DISCCART	16.26	40.31	1.2
RE DISCCART	17.68	38.89	1.2
RE DISCCART	19.09	37.48	1.2
RE DISCCART	20.51	36.06	1.2
RE DISCCART	21.92	34.65	1.2
RE DISCCART	34.65	21.92	1.2
RE DISCCART	36.06	20.51	1.2
RE DISCCART	37.48	19.09	1.2
RE DISCCART	38.89	17.68	1.2
RE DISCCART	40.31	16.26	1.2
RE DISCCART	42.43	14.14	1.2
RE DISCCART	45.96	10.61	1.2
RE DISCCART	49.5	7.07	1.2
RE DISCCART	56.57	0.0	1.2
RE DISCCART	63.64	-7.07	1.2
RE DISCCART	70.71	-14.14	1.2
RE DISCCART	77.78	-21.21	1.2
RE DISCCART	84.85	-28.28	1.2
RE DISCCART	91.92	-35.36	1.2
RE DISCCART	98.99	-42.43	1.2
RE DISCCART	-35.36	106.07	1.2
RE DISCCART	-28.28	98.99	1.2
RE DISCCART	-21.21	91.92	1.2
RE DISCCART	-14.14	84.85	1.2
RE DISCCART	-7.07	77.78	1.2
RE DISCCART	0.0	70.71	1.2
RE DISCCART	7.07	63.64	1.2
RE DISCCART	14.14	56.57	1.2
RE DISCCART	17.68	53.03	1.2
RE DISCCART	21.21	49.5	1.2
RE DISCCART	23.33	47.38	1.2
RE DISCCART	24.75	45.96	1.2
RE DISCCART	26.16	44.55	1.2
RE DISCCART	27.58	43.13	1.2
RE DISCCART	28.99	41.72	1.2
RE DISCCART	41.72	28.99	1.2
RE DISCCART	43.13	27.58	1.2
RE DISCCART	44.55	26.16	1.2
RE DISCCART	45.96	24.75	1.2
RE DISCCART	47.38	23.33	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	53.03	17.68	1.2
RE DISCCART	56.57	14.14	1.2

RE DISCCART 63.64 7.07 1.2
RE DISCCART 70.71 0.0 1.2
RE DISCCART 77.78 -7.07 1.2
RE DISCCART 84.85 -14.14 1.2
RE DISCCART 91.92 -21.21 1.2
RE DISCCART 98.99 -28.28 1.2
RE DISCCART 106.07 -35.36 1.2
RE DISCCART -28.28 113.14 1.2
RE DISCCART -21.21 106.07 1.2
RE DISCCART -14.14 98.99 1.2
RE DISCCART -7.07 91.92 1.2
RE DISCCART 0.0 84.85 1.2
RE DISCCART 7.07 77.78 1.2
RE DISCCART 14.14 70.71 1.2
RE DISCCART 21.21 63.64 1.2
RE DISCCART 24.75 60.1 1.2
RE DISCCART 28.28 56.57 1.2
RE DISCCART 30.41 54.45 1.2
RE DISCCART 31.82 53.03 1.2
RE DISCCART 33.23 51.62 1.2
RE DISCCART 34.65 50.2 1.2
RE DISCCART 36.06 48.79 1.2
RE DISCCART 48.79 36.06 1.2
RE DISCCART 50.2 34.65 1.2
RE DISCCART 51.62 33.23 1.2
RE DISCCART 53.03 31.82 1.2
RE DISCCART 54.45 30.41 1.2
RE DISCCART 56.57 28.28 1.2
RE DISCCART 60.1 24.75 1.2
RE DISCCART 63.64 21.21 1.2
RE DISCCART 70.71 14.14 1.2
RE DISCCART 77.78 7.07 1.2
RE DISCCART 84.85 0.0 1.2
RE DISCCART 91.92 -7.07 1.2
RE DISCCART 98.99 -14.14 1.2
RE DISCCART 106.07 -21.21 1.2
RE DISCCART 113.14 -28.28 1.2
RE DISCCART -21.21 120.21 1.2
RE DISCCART -14.14 113.14 1.2
RE DISCCART -7.07 106.07 1.2
RE DISCCART 0.0 98.99 1.2
RE DISCCART 7.07 91.92 1.2
RE DISCCART 14.14 84.85 1.2
RE DISCCART 21.21 77.78 1.2

RE DISCCART	28.28	70.71	1.2
RE DISCCART	31.82	67.18	1.2
RE DISCCART	35.36	63.64	1.2
RE DISCCART	37.48	61.52	1.2
RE DISCCART	38.89	60.1	1.2
RE DISCCART	40.31	58.69	1.2
RE DISCCART	41.72	57.28	1.2
RE DISCCART	43.13	55.86	1.2
RE DISCCART	55.86	43.13	1.2
RE DISCCART	57.28	41.72	1.2
RE DISCCART	58.69	40.31	1.2
RE DISCCART	60.1	38.89	1.2
RE DISCCART	61.52	37.48	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	67.18	31.82	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	91.92	7.07	1.2
RE DISCCART	98.99	0.0	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	-14.14	127.28	1.2
RE DISCCART	-7.07	120.21	1.2
RE DISCCART	0.0	113.14	1.2
RE DISCCART	7.07	106.07	1.2
RE DISCCART	14.14	98.99	1.2
RE DISCCART	21.21	91.92	1.2
RE DISCCART	28.28	84.85	1.2
RE DISCCART	35.36	77.78	1.2
RE DISCCART	38.89	74.25	1.2
RE DISCCART	42.43	70.71	1.2
RE DISCCART	44.55	68.59	1.2
RE DISCCART	45.96	67.18	1.2
RE DISCCART	47.38	65.76	1.2
RE DISCCART	48.79	64.35	1.2
RE DISCCART	50.2	62.93	1.2
RE DISCCART	62.93	50.2	1.2
RE DISCCART	64.35	48.79	1.2
RE DISCCART	65.76	47.38	1.2
RE DISCCART	67.18	45.96	1.2
RE DISCCART	68.59	44.55	1.2
RE DISCCART	70.71	42.43	1.2

RE DISCCART	74.25	38.89	1.2
RE DISCCART	77.78	35.36	1.2
RE DISCCART	84.85	28.28	1.2
RE DISCCART	91.92	21.21	1.2
RE DISCCART	98.99	14.14	1.2
RE DISCCART	106.07	7.07	1.2
RE DISCCART	113.14	0.0	1.2
RE DISCCART	120.21	-7.07	1.2
RE DISCCART	127.28	-14.14	1.2
RE DISCCART	-7.07	134.35	1.2
RE DISCCART	0.0	127.28	1.2
RE DISCCART	7.07	120.21	1.2
RE DISCCART	14.14	113.14	1.2
RE DISCCART	21.21	106.07	1.2
RE DISCCART	28.28	98.99	1.2
RE DISCCART	35.36	91.92	1.2
RE DISCCART	42.43	84.85	1.2
RE DISCCART	45.96	81.32	1.2
RE DISCCART	49.5	77.78	1.2
RE DISCCART	51.62	75.66	1.2
RE DISCCART	53.03	74.25	1.2
RE DISCCART	54.45	72.83	1.2
RE DISCCART	55.86	71.42	1.2
RE DISCCART	57.28	70.0	1.2
RE DISCCART	70.0	57.28	1.2
RE DISCCART	71.42	55.86	1.2
RE DISCCART	72.83	54.45	1.2
RE DISCCART	74.25	53.03	1.2
RE DISCCART	75.66	51.62	1.2
RE DISCCART	77.78	49.5	1.2
RE DISCCART	81.32	45.96	1.2
RE DISCCART	84.85	42.43	1.2
RE DISCCART	91.92	35.36	1.2
RE DISCCART	98.99	28.28	1.2
RE DISCCART	106.07	21.21	1.2
RE DISCCART	113.14	14.14	1.2
RE DISCCART	120.21	7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	0.0	141.42	1.2
RE DISCCART	7.07	134.35	1.2
RE DISCCART	14.14	127.28	1.2
RE DISCCART	21.21	120.21	1.2
RE DISCCART	28.28	113.14	1.2

RE DISCCART	35.36	106.07	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	49.5	91.92	1.2
RE DISCCART	53.03	88.39	1.2
RE DISCCART	56.57	84.85	1.2
RE DISCCART	58.69	82.73	1.2
RE DISCCART	60.1	81.32	1.2
RE DISCCART	61.52	79.9	1.2
RE DISCCART	62.93	78.49	1.2
RE DISCCART	64.35	77.07	1.2
RE DISCCART	77.07	64.35	1.2
RE DISCCART	78.49	62.93	1.2
RE DISCCART	79.9	61.52	1.2
RE DISCCART	81.32	60.1	1.2
RE DISCCART	82.73	58.69	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	88.39	53.03	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	113.14	28.28	1.2
RE DISCCART	120.21	21.21	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	7.07	148.49	1.2
RE DISCCART	14.14	141.42	1.2
RE DISCCART	21.21	134.35	1.2
RE DISCCART	28.28	127.28	1.2
RE DISCCART	35.36	120.21	1.2
RE DISCCART	42.43	113.14	1.2
RE DISCCART	49.5	106.07	1.2
RE DISCCART	56.57	98.99	1.2
RE DISCCART	60.1	95.46	1.2
RE DISCCART	63.64	91.92	1.2
RE DISCCART	65.76	89.8	1.2
RE DISCCART	67.18	88.39	1.2
RE DISCCART	68.59	86.97	1.2
RE DISCCART	70.0	85.56	1.2
RE DISCCART	71.42	84.15	1.2
RE DISCCART	84.15	71.42	1.2
RE DISCCART	85.56	70.0	1.2
RE DISCCART	86.97	68.59	1.2
RE DISCCART	88.39	67.18	1.2

RE DISCCART	89.8	65.76	1.2
RE DISCCART	91.92	63.64	1.2
RE DISCCART	95.46	60.1	1.2
RE DISCCART	98.99	56.57	1.2
RE DISCCART	106.07	49.5	1.2
RE DISCCART	113.14	42.43	1.2
RE DISCCART	120.21	35.36	1.2
RE DISCCART	127.28	28.28	1.2
RE DISCCART	134.35	21.21	1.2
RE DISCCART	141.42	14.14	1.2
RE DISCCART	148.49	7.07	1.2
RE DISCCART	14.14	155.56	1.2
RE DISCCART	21.21	148.49	1.2
RE DISCCART	28.28	141.42	1.2
RE DISCCART	35.36	134.35	1.2
RE DISCCART	42.43	127.28	1.2
RE DISCCART	49.5	120.21	1.2
RE DISCCART	56.57	113.14	1.2
RE DISCCART	63.64	106.07	1.2
RE DISCCART	67.18	102.53	1.2
RE DISCCART	70.71	98.99	1.2
RE DISCCART	72.83	96.87	1.2
RE DISCCART	74.25	95.46	1.2
RE DISCCART	75.66	94.05	1.2
RE DISCCART	77.07	92.63	1.2
RE DISCCART	78.49	91.22	1.2
RE DISCCART	91.22	78.49	1.2
RE DISCCART	92.63	77.07	1.2
RE DISCCART	94.05	75.66	1.2
RE DISCCART	95.46	74.25	1.2
RE DISCCART	96.87	72.83	1.2
RE DISCCART	98.99	70.71	1.2
RE DISCCART	102.53	67.18	1.2
RE DISCCART	106.07	63.64	1.2
RE DISCCART	113.14	56.57	1.2
RE DISCCART	120.21	49.5	1.2
RE DISCCART	127.28	42.43	1.2
RE DISCCART	134.35	35.36	1.2
RE DISCCART	141.42	28.28	1.2
RE DISCCART	148.49	21.21	1.2
RE DISCCART	155.56	14.14	1.2
RE DISCCART	21.21	162.63	1.2
RE DISCCART	28.28	155.56	1.2
RE DISCCART	35.36	148.49	1.2

RE DISCCART	42.43	141.42	1.2
RE DISCCART	49.5	134.35	1.2
RE DISCCART	56.57	127.28	1.2
RE DISCCART	63.64	120.21	1.2
RE DISCCART	70.71	113.14	1.2
RE DISCCART	74.25	109.6	1.2
RE DISCCART	77.78	106.07	1.2
RE DISCCART	79.9	103.94	1.2
RE DISCCART	81.32	102.53	1.2
RE DISCCART	82.73	101.12	1.2
RE DISCCART	84.15	99.7	1.2
RE DISCCART	85.56	98.29	1.2
RE DISCCART	98.29	85.56	1.2
RE DISCCART	99.7	84.15	1.2
RE DISCCART	101.12	82.73	1.2
RE DISCCART	102.53	81.32	1.2
RE DISCCART	103.94	79.9	1.2
RE DISCCART	106.07	77.78	1.2
RE DISCCART	109.6	74.25	1.2
RE DISCCART	113.14	70.71	1.2
RE DISCCART	120.21	63.64	1.2
RE DISCCART	127.28	56.57	1.2
RE DISCCART	134.35	49.5	1.2
RE DISCCART	141.42	42.43	1.2
RE DISCCART	148.49	35.36	1.2
RE DISCCART	155.56	28.28	1.2
RE DISCCART	162.63	21.21	1.2
RE DISCCART	28.28	169.71	1.2
RE DISCCART	35.36	162.63	1.2
RE DISCCART	42.43	155.56	1.2
RE DISCCART	49.5	148.49	1.2
RE DISCCART	56.57	141.42	1.2
RE DISCCART	63.64	134.35	1.2
RE DISCCART	70.71	127.28	1.2
RE DISCCART	77.78	120.21	1.2
RE DISCCART	81.32	116.67	1.2
RE DISCCART	84.85	113.14	1.2
RE DISCCART	86.97	111.02	1.2
RE DISCCART	88.39	109.6	1.2
RE DISCCART	89.8	108.19	1.2
RE DISCCART	91.22	106.77	1.2
RE DISCCART	92.63	105.36	1.2
RE DISCCART	105.36	92.63	1.2
RE DISCCART	106.77	91.22	1.2

RE DISCCART	108.19	89.8	1.2
RE DISCCART	109.6	88.39	1.2
RE DISCCART	111.02	86.97	1.2
RE DISCCART	113.14	84.85	1.2
RE DISCCART	116.67	81.32	1.2
RE DISCCART	120.21	77.78	1.2
RE DISCCART	127.28	70.71	1.2
RE DISCCART	134.35	63.64	1.2
RE DISCCART	141.42	56.57	1.2
RE DISCCART	148.49	49.5	1.2
RE DISCCART	155.56	42.43	1.2
RE DISCCART	162.63	35.36	1.2
RE DISCCART	169.71	28.28	1.2
RE DISCCART	35.36	176.78	1.2
RE DISCCART	42.43	169.71	1.2
RE DISCCART	49.5	162.63	1.2
RE DISCCART	56.57	155.56	1.2
RE DISCCART	63.64	148.49	1.2
RE DISCCART	70.71	141.42	1.2
RE DISCCART	77.78	134.35	1.2
RE DISCCART	84.85	127.28	1.2
RE DISCCART	88.39	123.74	1.2
RE DISCCART	91.92	120.21	1.2
RE DISCCART	94.05	118.09	1.2
RE DISCCART	95.46	116.67	1.2
RE DISCCART	96.87	115.26	1.2
RE DISCCART	98.29	113.84	1.2
RE DISCCART	99.7	112.43	1.2
RE DISCCART	112.43	99.7	1.2
RE DISCCART	113.84	98.29	1.2
RE DISCCART	115.26	96.87	1.2
RE DISCCART	116.67	95.46	1.2
RE DISCCART	118.09	94.05	1.2
RE DISCCART	120.21	91.92	1.2
RE DISCCART	123.74	88.39	1.2
RE DISCCART	127.28	84.85	1.2
RE DISCCART	134.35	77.78	1.2
RE DISCCART	141.42	70.71	1.2
RE DISCCART	148.49	63.64	1.2
RE DISCCART	155.56	56.57	1.2
RE DISCCART	162.63	49.5	1.2
RE DISCCART	169.71	42.43	1.2
RE DISCCART	176.78	35.36	1.2
RE DISCCART	42.43	183.85	1.2

RE DISCCART	49.5	176.78	1.2
RE DISCCART	56.57	169.71	1.2
RE DISCCART	63.64	162.63	1.2
RE DISCCART	70.71	155.56	1.2
RE DISCCART	77.78	148.49	1.2
RE DISCCART	84.85	141.42	1.2
RE DISCCART	91.92	134.35	1.2
RE DISCCART	95.46	130.81	1.2
RE DISCCART	98.99	127.28	1.2
RE DISCCART	101.12	125.16	1.2
RE DISCCART	102.53	123.74	1.2
RE DISCCART	103.94	122.33	1.2
RE DISCCART	105.36	120.92	1.2
RE DISCCART	106.77	119.5	1.2
RE DISCCART	119.5	106.77	1.2
RE DISCCART	120.92	105.36	1.2
RE DISCCART	122.33	103.94	1.2
RE DISCCART	123.74	102.53	1.2
RE DISCCART	125.16	101.12	1.2
RE DISCCART	127.28	98.99	1.2
RE DISCCART	130.81	95.46	1.2
RE DISCCART	134.35	91.92	1.2
RE DISCCART	141.42	84.85	1.2
RE DISCCART	148.49	77.78	1.2
RE DISCCART	155.56	70.71	1.2
RE DISCCART	162.63	63.64	1.2
RE DISCCART	169.71	56.57	1.2
RE DISCCART	176.78	49.5	1.2
RE DISCCART	183.85	42.43	1.2
RE DISCCART	49.5	190.92	1.2
RE DISCCART	56.57	183.85	1.2
RE DISCCART	63.64	176.78	1.2
RE DISCCART	70.71	169.71	1.2
RE DISCCART	77.78	162.63	1.2
RE DISCCART	84.85	155.56	1.2
RE DISCCART	91.92	148.49	1.2
RE DISCCART	98.99	141.42	1.2
RE DISCCART	102.53	137.89	1.2
RE DISCCART	106.07	134.35	1.2
RE DISCCART	108.19	132.23	1.2
RE DISCCART	109.6	130.81	1.2
RE DISCCART	111.02	129.4	1.2
RE DISCCART	112.43	127.99	1.2
RE DISCCART	113.84	126.57	1.2

RE DISCCART	126.57	113.84	1.2
RE DISCCART	127.99	112.43	1.2
RE DISCCART	129.4	111.02	1.2
RE DISCCART	130.81	109.6	1.2
RE DISCCART	132.23	108.19	1.2
RE DISCCART	134.35	106.07	1.2
RE DISCCART	137.89	102.53	1.2
RE DISCCART	141.42	98.99	1.2
RE DISCCART	148.49	91.92	1.2
RE DISCCART	155.56	84.85	1.2
RE DISCCART	162.63	77.78	1.2
RE DISCCART	169.71	70.71	1.2
RE DISCCART	176.78	63.64	1.2
RE DISCCART	183.85	56.57	1.2
RE DISCCART	190.92	49.5	1.2
RE DISCCART	56.57	197.99	1.2
RE DISCCART	63.64	190.92	1.2
RE DISCCART	70.71	183.85	1.2
RE DISCCART	77.78	176.78	1.2
RE DISCCART	84.85	169.71	1.2
RE DISCCART	91.92	162.63	1.2
RE DISCCART	98.99	155.56	1.2
RE DISCCART	106.07	148.49	1.2
RE DISCCART	109.6	144.96	1.2
RE DISCCART	113.14	141.42	1.2
RE DISCCART	115.26	139.3	1.2
RE DISCCART	116.67	137.89	1.2
RE DISCCART	118.09	136.47	1.2
RE DISCCART	119.5	135.06	1.2
RE DISCCART	120.92	133.64	1.2
RE DISCCART	133.64	120.92	1.2
RE DISCCART	135.06	119.5	1.2
RE DISCCART	136.47	118.09	1.2
RE DISCCART	137.89	116.67	1.2
RE DISCCART	139.3	115.26	1.2
RE DISCCART	141.42	113.14	1.2
RE DISCCART	144.96	109.6	1.2
RE DISCCART	148.49	106.07	1.2
RE DISCCART	155.56	98.99	1.2
RE DISCCART	162.63	91.92	1.2
RE DISCCART	169.71	84.85	1.2
RE DISCCART	176.78	77.78	1.2
RE DISCCART	183.85	70.71	1.2
RE DISCCART	190.92	63.64	1.2

RE DISCCART	197.99	56.57	1.2
RE DISCCART	63.64	205.06	1.2
RE DISCCART	70.71	197.99	1.2
RE DISCCART	77.78	190.92	1.2
RE DISCCART	84.85	183.85	1.2
RE DISCCART	91.92	176.78	1.2
RE DISCCART	98.99	169.71	1.2
RE DISCCART	106.07	162.63	1.2
RE DISCCART	113.14	155.56	1.2
RE DISCCART	116.67	152.03	1.2
RE DISCCART	120.21	148.49	1.2
RE DISCCART	122.33	146.37	1.2
RE DISCCART	123.74	144.96	1.2
RE DISCCART	125.16	143.54	1.2
RE DISCCART	126.57	142.13	1.2
RE DISCCART	127.99	140.71	1.2
RE DISCCART	140.71	127.99	1.2
RE DISCCART	142.13	126.57	1.2
RE DISCCART	143.54	125.16	1.2
RE DISCCART	144.96	123.74	1.2
RE DISCCART	146.37	122.33	1.2
RE DISCCART	148.49	120.21	1.2
RE DISCCART	152.03	116.67	1.2
RE DISCCART	155.56	113.14	1.2
RE DISCCART	162.63	106.07	1.2
RE DISCCART	169.71	98.99	1.2
RE DISCCART	176.78	91.92	1.2
RE DISCCART	183.85	84.85	1.2
RE DISCCART	190.92	77.78	1.2
RE DISCCART	197.99	70.71	1.2
RE DISCCART	205.06	63.64	1.2
RE DISCCART	70.71	212.13	1.2
RE DISCCART	77.78	205.06	1.2
RE DISCCART	84.85	197.99	1.2
RE DISCCART	91.92	190.92	1.2
RE DISCCART	98.99	183.85	1.2
RE DISCCART	106.07	176.78	1.2
RE DISCCART	113.14	169.71	1.2
RE DISCCART	120.21	162.63	1.2
RE DISCCART	123.74	159.1	1.2
RE DISCCART	127.28	155.56	1.2
RE DISCCART	129.4	153.44	1.2
RE DISCCART	130.81	152.03	1.2
RE DISCCART	132.23	150.61	1.2

RE DISCCART	133.64	149.2	1.2
RE DISCCART	135.06	147.79	1.2
RE DISCCART	147.79	135.06	1.2
RE DISCCART	149.2	133.64	1.2
RE DISCCART	150.61	132.23	1.2
RE DISCCART	152.03	130.81	1.2
RE DISCCART	153.44	129.4	1.2
RE DISCCART	155.56	127.28	1.2
RE DISCCART	159.1	123.74	1.2
RE DISCCART	162.63	120.21	1.2
RE DISCCART	169.71	113.14	1.2
RE DISCCART	176.78	106.07	1.2
RE DISCCART	183.85	98.99	1.2
RE DISCCART	190.92	91.92	1.2
RE DISCCART	197.99	84.85	1.2
RE DISCCART	205.06	77.78	1.2
RE DISCCART	212.13	70.71	1.2
RE DISCCART	77.78	219.2	1.2
RE DISCCART	84.85	212.13	1.2
RE DISCCART	91.92	205.06	1.2
RE DISCCART	98.99	197.99	1.2
RE DISCCART	106.07	190.92	1.2
RE DISCCART	113.14	183.85	1.2
RE DISCCART	120.21	176.78	1.2
RE DISCCART	127.28	169.71	1.2
RE DISCCART	130.81	166.17	1.2
RE DISCCART	134.35	162.63	1.2
RE DISCCART	136.47	160.51	1.2
RE DISCCART	137.89	159.1	1.2
RE DISCCART	139.3	157.68	1.2
RE DISCCART	140.71	156.27	1.2
RE DISCCART	142.13	154.86	1.2
RE DISCCART	154.86	142.13	1.2
RE DISCCART	156.27	140.71	1.2
RE DISCCART	157.68	139.3	1.2
RE DISCCART	159.1	137.89	1.2
RE DISCCART	160.51	136.47	1.2
RE DISCCART	162.63	134.35	1.2
RE DISCCART	166.17	130.81	1.2
RE DISCCART	169.71	127.28	1.2
RE DISCCART	176.78	120.21	1.2
RE DISCCART	183.85	113.14	1.2
RE DISCCART	190.92	106.07	1.2
RE DISCCART	197.99	98.99	1.2

RE DISCCART	205.06	91.92	1.2
RE DISCCART	212.13	84.85	1.2
RE DISCCART	219.2	77.78	1.2
RE DISCCART	84.85	226.27	1.2
RE DISCCART	91.92	219.2	1.2
RE DISCCART	98.99	212.13	1.2
RE DISCCART	106.07	205.06	1.2
RE DISCCART	113.14	197.99	1.2
RE DISCCART	120.21	190.92	1.2
RE DISCCART	127.28	183.85	1.2
RE DISCCART	134.35	176.78	1.2
RE DISCCART	137.89	173.24	1.2
RE DISCCART	141.42	169.71	1.2
RE DISCCART	143.54	167.58	1.2
RE DISCCART	144.96	166.17	1.2
RE DISCCART	146.37	164.76	1.2
RE DISCCART	147.79	163.34	1.2
RE DISCCART	149.2	161.93	1.2
RE DISCCART	161.93	149.2	1.2
RE DISCCART	163.34	147.79	1.2
RE DISCCART	164.76	146.37	1.2
RE DISCCART	166.17	144.96	1.2
RE DISCCART	167.58	143.54	1.2
RE DISCCART	169.71	141.42	1.2
RE DISCCART	173.24	137.89	1.2
RE DISCCART	176.78	134.35	1.2
RE DISCCART	183.85	127.28	1.2
RE DISCCART	190.92	120.21	1.2
RE DISCCART	197.99	113.14	1.2
RE DISCCART	205.06	106.07	1.2
RE DISCCART	212.13	98.99	1.2
RE DISCCART	219.2	91.92	1.2
RE DISCCART	226.27	84.85	1.2
RE DISCCART	91.92	233.35	1.2
RE DISCCART	98.99	226.27	1.2
RE DISCCART	106.07	219.2	1.2
RE DISCCART	113.14	212.13	1.2
RE DISCCART	120.21	205.06	1.2
RE DISCCART	127.28	197.99	1.2
RE DISCCART	134.35	190.92	1.2
RE DISCCART	141.42	183.85	1.2
RE DISCCART	144.96	180.31	1.2
RE DISCCART	148.49	176.78	1.2
RE DISCCART	150.61	174.66	1.2

RE DISCCART	152.03	173.24	1.2
RE DISCCART	153.44	171.83	1.2
RE DISCCART	154.86	170.41	1.2
RE DISCCART	156.27	169.0	1.2
RE DISCCART	169.0	156.27	1.2
RE DISCCART	170.41	154.86	1.2
RE DISCCART	171.83	153.44	1.2
RE DISCCART	173.24	152.03	1.2
RE DISCCART	174.66	150.61	1.2
RE DISCCART	176.78	148.49	1.2
RE DISCCART	180.31	144.96	1.2
RE DISCCART	183.85	141.42	1.2
RE DISCCART	190.92	134.35	1.2
RE DISCCART	197.99	127.28	1.2
RE DISCCART	205.06	120.21	1.2
RE DISCCART	212.13	113.14	1.2
RE DISCCART	219.2	106.07	1.2
RE DISCCART	226.27	98.99	1.2
RE DISCCART	233.35	91.92	1.2
RE DISCCART	98.99	240.42	1.2
RE DISCCART	106.07	233.35	1.2
RE DISCCART	113.14	226.27	1.2
RE DISCCART	120.21	219.2	1.2
RE DISCCART	127.28	212.13	1.2
RE DISCCART	134.35	205.06	1.2
RE DISCCART	141.42	197.99	1.2
RE DISCCART	148.49	190.92	1.2
RE DISCCART	152.03	187.38	1.2
RE DISCCART	155.56	183.85	1.2
RE DISCCART	157.68	181.73	1.2
RE DISCCART	159.1	180.31	1.2
RE DISCCART	160.51	178.9	1.2
RE DISCCART	161.93	177.48	1.2
RE DISCCART	163.34	176.07	1.2
RE DISCCART	176.07	163.34	1.2
RE DISCCART	177.48	161.93	1.2
RE DISCCART	178.9	160.51	1.2
RE DISCCART	180.31	159.1	1.2
RE DISCCART	181.73	157.68	1.2
RE DISCCART	183.85	155.56	1.2
RE DISCCART	187.38	152.03	1.2
RE DISCCART	190.92	148.49	1.2
RE DISCCART	197.99	141.42	1.2
RE DISCCART	205.06	134.35	1.2

RE DISCCART 212.13 127.28 1.2
RE DISCCART 219.2 120.21 1.2
RE DISCCART 226.27 113.14 1.2
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RE DISCCART 240.42 98.99 1.2
RE DISCCART 106.07 247.49 1.2
RE DISCCART 113.14 240.42 1.2
RE DISCCART 120.21 233.35 1.2
RE DISCCART 127.28 226.27 1.2
RE DISCCART 134.35 219.2 1.2
RE DISCCART 141.42 212.13 1.2
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RE DISCCART 155.56 197.99 1.2
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RE DISCCART 164.76 188.8 1.2
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RE DISCCART 167.58 185.97 1.2
RE DISCCART 169.0 184.55 1.2
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RE DISCCART 183.14 170.41 1.2
RE DISCCART 184.55 169.0 1.2
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RE DISCCART 187.38 166.17 1.2
RE DISCCART 188.8 164.76 1.2
RE DISCCART 190.92 162.63 1.2
RE DISCCART 194.45 159.1 1.2
RE DISCCART 197.99 155.56 1.2
RE DISCCART 205.06 148.49 1.2
RE DISCCART 212.13 141.42 1.2
RE DISCCART 219.2 134.35 1.2
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** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

- 1. Final Plume Rise.
- 2. Stack-tip Downwash.
- 3. Buoyancy-induced Dispersion.
- 4. Use Calms Processing Routine.
- 5. Not Use Missing Data Processing Routine.
- 6. Default Wind Profile Exponents.
- 7. Default Vertical Potential Temperature Gradients.
- 8. "Upper Bound" Values for Supersquat Buildings.
- 9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\14NCRA-1.DAT

**Output Print File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\14NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

EMISSION RATE SOURCE SCALAR VARY BY ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	92.3	98.6	0.0	4.95	9.00	90.00	45.00	2.30
NCRA_S2	0	0.21100E-07	28.6	35.0	0.0	4.95	9.00	90.00	45.00	2.30
NCRA_S3	0	0.21100E-07	-35.0	-28.6	0.0	4.95	9.00	90.00	45.00	2.30
NCRA_S4	0	0.21100E-07	-98.6	-92.3	0.0	4.95	9.00	90.00	45.00	2.30
NCRA_S5	0	0.21100E-07	-162.3	-155.9	0.0	4.95	9.00	90.00	45.00	2.30

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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 *** Maximum train overlap at NE/SW Bound Direction ***

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CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

NCRA_S1 NCRA_S1 ,

NCRA_S2 NCRA_S2 ,

NCRA_S3 NCRA_S3 ,

NCRA_S4 NCRA_S4 ,

NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-247.5, -106.1, 0.0, 1.2); (-240.4, -113.1, 0.0, 1.2);
 (-233.4, -120.2, 0.0, 1.2); (-226.3, -127.3, 0.0, 1.2);
 (-219.2, -134.4, 0.0, 1.2); (-212.1, -141.4, 0.0, 1.2);

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

(-205.1,	-148.5,	0.0,	1.2);	(-198.0,	-155.6,	0.0,	1.2);
(-194.4,	-159.1,	0.0,	1.2);	(-190.9,	-162.6,	0.0,	1.2);
(-188.8,	-164.8,	0.0,	1.2);	(-187.4,	-166.2,	0.0,	1.2);
(-186.0,	-167.6,	0.0,	1.2);	(-184.6,	-169.0,	0.0,	1.2);
(-183.1,	-170.4,	0.0,	1.2);	(-170.4,	-183.1,	0.0,	1.2);
(-169.0,	-184.6,	0.0,	1.2);	(-167.6,	-186.0,	0.0,	1.2);
(-166.2,	-187.4,	0.0,	1.2);	(-164.8,	-188.8,	0.0,	1.2);
(-162.6,	-190.9,	0.0,	1.2);	(-159.1,	-194.4,	0.0,	1.2);
(-155.6,	-198.0,	0.0,	1.2);	(-148.5,	-205.1,	0.0,	1.2);
(-141.4,	-212.1,	0.0,	1.2);	(-134.4,	-219.2,	0.0,	1.2);
(-127.3,	-226.3,	0.0,	1.2);	(-120.2,	-233.4,	0.0,	1.2);
(-113.1,	-240.4,	0.0,	1.2);	(-106.1,	-247.5,	0.0,	1.2);
(-240.4,	-99.0,	0.0,	1.2);	(-233.4,	-106.1,	0.0,	1.2);
(-226.3,	-113.1,	0.0,	1.2);	(-219.2,	-120.2,	0.0,	1.2);
(-212.1,	-127.3,	0.0,	1.2);	(-205.1,	-134.4,	0.0,	1.2);
(-198.0,	-141.4,	0.0,	1.2);	(-190.9,	-148.5,	0.0,	1.2);
(-187.4,	-152.0,	0.0,	1.2);	(-183.9,	-155.6,	0.0,	1.2);
(-181.7,	-157.7,	0.0,	1.2);	(-180.3,	-159.1,	0.0,	1.2);
(-178.9,	-160.5,	0.0,	1.2);	(-177.5,	-161.9,	0.0,	1.2);
(-176.1,	-163.3,	0.0,	1.2);	(-163.3,	-176.1,	0.0,	1.2);
(-161.9,	-177.5,	0.0,	1.2);	(-160.5,	-178.9,	0.0,	1.2);
(-159.1,	-180.3,	0.0,	1.2);	(-157.7,	-181.7,	0.0,	1.2);
(-155.6,	-183.9,	0.0,	1.2);	(-152.0,	-187.4,	0.0,	1.2);
(-148.5,	-190.9,	0.0,	1.2);	(-141.4,	-198.0,	0.0,	1.2);
(-134.4,	-205.1,	0.0,	1.2);	(-127.3,	-212.1,	0.0,	1.2);
(-120.2,	-219.2,	0.0,	1.2);	(-113.1,	-226.3,	0.0,	1.2);
(-106.1,	-233.4,	0.0,	1.2);	(-99.0,	-240.4,	0.0,	1.2);
(-233.4,	-91.9,	0.0,	1.2);	(-226.3,	-99.0,	0.0,	1.2);
(-219.2,	-106.1,	0.0,	1.2);	(-212.1,	-113.1,	0.0,	1.2);
(-205.1,	-120.2,	0.0,	1.2);	(-198.0,	-127.3,	0.0,	1.2);
(-190.9,	-134.4,	0.0,	1.2);	(-183.9,	-141.4,	0.0,	1.2);
(-180.3,	-145.0,	0.0,	1.2);	(-176.8,	-148.5,	0.0,	1.2);
(-174.7,	-150.6,	0.0,	1.2);	(-173.2,	-152.0,	0.0,	1.2);
(-171.8,	-153.4,	0.0,	1.2);	(-170.4,	-154.9,	0.0,	1.2);
(-169.0,	-156.3,	0.0,	1.2);	(-156.3,	-169.0,	0.0,	1.2);
(-154.9,	-170.4,	0.0,	1.2);	(-153.4,	-171.8,	0.0,	1.2);
(-152.0,	-173.2,	0.0,	1.2);	(-150.6,	-174.7,	0.0,	1.2);
(-148.5,	-176.8,	0.0,	1.2);	(-145.0,	-180.3,	0.0,	1.2);
(-141.4,	-183.9,	0.0,	1.2);	(-134.4,	-190.9,	0.0,	1.2);
(-127.3,	-198.0,	0.0,	1.2);	(-120.2,	-205.1,	0.0,	1.2);
(-113.1,	-212.1,	0.0,	1.2);	(-106.1,	-219.2,	0.0,	1.2);
(-99.0,	-226.3,	0.0,	1.2);	(-91.9,	-233.4,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
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*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-226.3, -84.8, 0.0, 1.2);	(-219.2, -91.9, 0.0, 1.2);
(-212.1, -99.0, 0.0, 1.2);	(-205.1, -106.1, 0.0, 1.2);
(-198.0, -113.1, 0.0, 1.2);	(-190.9, -120.2, 0.0, 1.2);
(-183.9, -127.3, 0.0, 1.2);	(-176.8, -134.4, 0.0, 1.2);
(-173.2, -137.9, 0.0, 1.2);	(-169.7, -141.4, 0.0, 1.2);
(-167.6, -143.5, 0.0, 1.2);	(-166.2, -145.0, 0.0, 1.2);
(-164.8, -146.4, 0.0, 1.2);	(-163.3, -147.8, 0.0, 1.2);
(-161.9, -149.2, 0.0, 1.2);	(-149.2, -161.9, 0.0, 1.2);
(-147.8, -163.3, 0.0, 1.2);	(-146.4, -164.8, 0.0, 1.2);
(-145.0, -166.2, 0.0, 1.2);	(-143.5, -167.6, 0.0, 1.2);
(-141.4, -169.7, 0.0, 1.2);	(-137.9, -173.2, 0.0, 1.2);
(-134.4, -176.8, 0.0, 1.2);	(-127.3, -183.9, 0.0, 1.2);
(-120.2, -190.9, 0.0, 1.2);	(-113.1, -198.0, 0.0, 1.2);
(-106.1, -205.1, 0.0, 1.2);	(-99.0, -212.1, 0.0, 1.2);
(-91.9, -219.2, 0.0, 1.2);	(-84.8, -226.3, 0.0, 1.2);
(-219.2, -77.8, 0.0, 1.2);	(-212.1, -84.8, 0.0, 1.2);
(-205.1, -91.9, 0.0, 1.2);	(-198.0, -99.0, 0.0, 1.2);
(-190.9, -106.1, 0.0, 1.2);	(-183.9, -113.1, 0.0, 1.2);
(-176.8, -120.2, 0.0, 1.2);	(-169.7, -127.3, 0.0, 1.2);
(-166.2, -130.8, 0.0, 1.2);	(-162.6, -134.4, 0.0, 1.2);
(-160.5, -136.5, 0.0, 1.2);	(-159.1, -137.9, 0.0, 1.2);
(-157.7, -139.3, 0.0, 1.2);	(-156.3, -140.7, 0.0, 1.2);
(-154.9, -142.1, 0.0, 1.2);	(-142.1, -154.9, 0.0, 1.2);
(-140.7, -156.3, 0.0, 1.2);	(-139.3, -157.7, 0.0, 1.2);
(-137.9, -159.1, 0.0, 1.2);	(-136.5, -160.5, 0.0, 1.2);
(-134.4, -162.6, 0.0, 1.2);	(-130.8, -166.2, 0.0, 1.2);
(-127.3, -169.7, 0.0, 1.2);	(-120.2, -176.8, 0.0, 1.2);
(-113.1, -183.9, 0.0, 1.2);	(-106.1, -190.9, 0.0, 1.2);
(-99.0, -198.0, 0.0, 1.2);	(-91.9, -205.1, 0.0, 1.2);
(-84.8, -212.1, 0.0, 1.2);	(-77.8, -219.2, 0.0, 1.2);
(-212.1, -70.7, 0.0, 1.2);	(-205.1, -77.8, 0.0, 1.2);
(-198.0, -84.8, 0.0, 1.2);	(-190.9, -91.9, 0.0, 1.2);
(-183.9, -99.0, 0.0, 1.2);	(-176.8, -106.1, 0.0, 1.2);
(-169.7, -113.1, 0.0, 1.2);	(-162.6, -120.2, 0.0, 1.2);
(-159.1, -123.7, 0.0, 1.2);	(-155.6, -127.3, 0.0, 1.2);
(-153.4, -129.4, 0.0, 1.2);	(-152.0, -130.8, 0.0, 1.2);
(-150.6, -132.2, 0.0, 1.2);	(-149.2, -133.6, 0.0, 1.2);
(-147.8, -135.1, 0.0, 1.2);	(-135.1, -147.8, 0.0, 1.2);
(-133.6, -149.2, 0.0, 1.2);	(-132.2, -150.6, 0.0, 1.2);

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

```
( -130.8, -152.0, 0.0, 1.2); ( -129.4, -153.4, 0.0, 1.2);
( -127.3, -155.6, 0.0, 1.2); ( -123.7, -159.1, 0.0, 1.2);
( -120.2, -162.6, 0.0, 1.2); ( -113.1, -169.7, 0.0, 1.2);
( -106.1, -176.8, 0.0, 1.2); ( -99.0, -183.9, 0.0, 1.2);
( -91.9, -190.9, 0.0, 1.2); ( -84.8, -198.0, 0.0, 1.2);
( -77.8, -205.1, 0.0, 1.2); ( -70.7, -212.1, 0.0, 1.2);
```

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

```
( -205.1, -63.6, 0.0, 1.2); ( -198.0, -70.7, 0.0, 1.2);
( -190.9, -77.8, 0.0, 1.2); ( -183.9, -84.8, 0.0, 1.2);
( -176.8, -91.9, 0.0, 1.2); ( -169.7, -99.0, 0.0, 1.2);
( -162.6, -106.1, 0.0, 1.2); ( -155.6, -113.1, 0.0, 1.2);
( -152.0, -116.7, 0.0, 1.2); ( -148.5, -120.2, 0.0, 1.2);
( -146.4, -122.3, 0.0, 1.2); ( -145.0, -123.7, 0.0, 1.2);
( -143.5, -125.2, 0.0, 1.2); ( -142.1, -126.6, 0.0, 1.2);
( -140.7, -128.0, 0.0, 1.2); ( -128.0, -140.7, 0.0, 1.2);
( -126.6, -142.1, 0.0, 1.2); ( -125.2, -143.5, 0.0, 1.2);
( -123.7, -145.0, 0.0, 1.2); ( -122.3, -146.4, 0.0, 1.2);
( -120.2, -148.5, 0.0, 1.2); ( -116.7, -152.0, 0.0, 1.2);
( -113.1, -155.6, 0.0, 1.2); ( -106.1, -162.6, 0.0, 1.2);
( -99.0, -169.7, 0.0, 1.2); ( -91.9, -176.8, 0.0, 1.2);
( -84.8, -183.9, 0.0, 1.2); ( -77.8, -190.9, 0.0, 1.2);
( -70.7, -198.0, 0.0, 1.2); ( -63.6, -205.1, 0.0, 1.2);
( -198.0, -56.6, 0.0, 1.2); ( -190.9, -63.6, 0.0, 1.2);
( -183.9, -70.7, 0.0, 1.2); ( -176.8, -77.8, 0.0, 1.2);
( -169.7, -84.8, 0.0, 1.2); ( -162.6, -91.9, 0.0, 1.2);
( -155.6, -99.0, 0.0, 1.2); ( -148.5, -106.1, 0.0, 1.2);
( -145.0, -109.6, 0.0, 1.2); ( -141.4, -113.1, 0.0, 1.2);
( -139.3, -115.3, 0.0, 1.2); ( -137.9, -116.7, 0.0, 1.2);
( -136.5, -118.1, 0.0, 1.2); ( -135.1, -119.5, 0.0, 1.2);
( -133.6, -120.9, 0.0, 1.2); ( -120.9, -133.6, 0.0, 1.2);
( -119.5, -135.1, 0.0, 1.2); ( -118.1, -136.5, 0.0, 1.2);
( -116.7, -137.9, 0.0, 1.2); ( -115.3, -139.3, 0.0, 1.2);
( -113.1, -141.4, 0.0, 1.2); ( -109.6, -145.0, 0.0, 1.2);
( -106.1, -148.5, 0.0, 1.2); ( -99.0, -155.6, 0.0, 1.2);
( -91.9, -162.6, 0.0, 1.2); ( -84.8, -169.7, 0.0, 1.2);
( -77.8, -176.8, 0.0, 1.2); ( -70.7, -183.9, 0.0, 1.2);
( -63.6, -190.9, 0.0, 1.2); ( -56.6, -198.0, 0.0, 1.2);
( -190.9, -49.5, 0.0, 1.2); ( -183.9, -56.6, 0.0, 1.2);
```

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

(-176.8, -63.6, 0.0, 1.2);	(-169.7, -70.7, 0.0, 1.2);
(-162.6, -77.8, 0.0, 1.2);	(-155.6, -84.8, 0.0, 1.2);
(-148.5, -91.9, 0.0, 1.2);	(-141.4, -99.0, 0.0, 1.2);
(-137.9, -102.5, 0.0, 1.2);	(-134.4, -106.1, 0.0, 1.2);
(-132.2, -108.2, 0.0, 1.2);	(-130.8, -109.6, 0.0, 1.2);
(-129.4, -111.0, 0.0, 1.2);	(-128.0, -112.4, 0.0, 1.2);
(-126.6, -113.8, 0.0, 1.2);	(-113.8, -126.6, 0.0, 1.2);
(-112.4, -128.0, 0.0, 1.2);	(-111.0, -129.4, 0.0, 1.2);
(-109.6, -130.8, 0.0, 1.2);	(-108.2, -132.2, 0.0, 1.2);
(-106.1, -134.4, 0.0, 1.2);	(-102.5, -137.9, 0.0, 1.2);
(-99.0, -141.4, 0.0, 1.2);	(-91.9, -148.5, 0.0, 1.2);
(-84.8, -155.6, 0.0, 1.2);	(-77.8, -162.6, 0.0, 1.2);
(-70.7, -169.7, 0.0, 1.2);	(-63.6, -176.8, 0.0, 1.2);
(-56.6, -183.9, 0.0, 1.2);	(-49.5, -190.9, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-183.9, -42.4, 0.0, 1.2);	(-176.8, -49.5, 0.0, 1.2);
(-169.7, -56.6, 0.0, 1.2);	(-162.6, -63.6, 0.0, 1.2);
(-155.6, -70.7, 0.0, 1.2);	(-148.5, -77.8, 0.0, 1.2);
(-141.4, -84.8, 0.0, 1.2);	(-134.4, -91.9, 0.0, 1.2);
(-130.8, -95.5, 0.0, 1.2);	(-127.3, -99.0, 0.0, 1.2);
(-125.2, -101.1, 0.0, 1.2);	(-123.7, -102.5, 0.0, 1.2);
(-122.3, -103.9, 0.0, 1.2);	(-120.9, -105.4, 0.0, 1.2);
(-119.5, -106.8, 0.0, 1.2);	(-106.8, -119.5, 0.0, 1.2);
(-105.4, -120.9, 0.0, 1.2);	(-103.9, -122.3, 0.0, 1.2);
(-102.5, -123.7, 0.0, 1.2);	(-101.1, -125.2, 0.0, 1.2);
(-99.0, -127.3, 0.0, 1.2);	(-95.5, -130.8, 0.0, 1.2);
(-91.9, -134.4, 0.0, 1.2);	(-84.8, -141.4, 0.0, 1.2);
(-77.8, -148.5, 0.0, 1.2);	(-70.7, -155.6, 0.0, 1.2);
(-63.6, -162.6, 0.0, 1.2);	(-56.6, -169.7, 0.0, 1.2);
(-49.5, -176.8, 0.0, 1.2);	(-42.4, -183.9, 0.0, 1.2);
(-176.8, -35.4, 0.0, 1.2);	(-169.7, -42.4, 0.0, 1.2);
(-162.6, -49.5, 0.0, 1.2);	(-155.6, -56.6, 0.0, 1.2);
(-148.5, -63.6, 0.0, 1.2);	(-141.4, -70.7, 0.0, 1.2);
(-134.4, -77.8, 0.0, 1.2);	(-127.3, -84.8, 0.0, 1.2);
(-123.7, -88.4, 0.0, 1.2);	(-120.2, -91.9, 0.0, 1.2);
(-118.1, -94.1, 0.0, 1.2);	(-116.7, -95.5, 0.0, 1.2);
(-115.3, -96.9, 0.0, 1.2);	(-113.8, -98.3, 0.0, 1.2);
(-112.4, -99.7, 0.0, 1.2);	(-99.7, -112.4, 0.0, 1.2);

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

(-98.3,	-113.8,	0.0,	1.2);	(-96.9,	-115.3,	0.0,	1.2);
(-95.5,	-116.7,	0.0,	1.2);	(-94.1,	-118.1,	0.0,	1.2);
(-91.9,	-120.2,	0.0,	1.2);	(-88.4,	-123.7,	0.0,	1.2);
(-84.8,	-127.3,	0.0,	1.2);	(-77.8,	-134.4,	0.0,	1.2);
(-70.7,	-141.4,	0.0,	1.2);	(-63.6,	-148.5,	0.0,	1.2);
(-56.6,	-155.6,	0.0,	1.2);	(-49.5,	-162.6,	0.0,	1.2);
(-42.4,	-169.7,	0.0,	1.2);	(-35.4,	-176.8,	0.0,	1.2);
(-169.7,	-28.3,	0.0,	1.2);	(-162.6,	-35.4,	0.0,	1.2);
(-155.6,	-42.4,	0.0,	1.2);	(-148.5,	-49.5,	0.0,	1.2);
(-141.4,	-56.6,	0.0,	1.2);	(-134.4,	-63.6,	0.0,	1.2);
(-127.3,	-70.7,	0.0,	1.2);	(-120.2,	-77.8,	0.0,	1.2);
(-116.7,	-81.3,	0.0,	1.2);	(-113.1,	-84.8,	0.0,	1.2);
(-111.0,	-87.0,	0.0,	1.2);	(-109.6,	-88.4,	0.0,	1.2);
(-108.2,	-89.8,	0.0,	1.2);	(-106.8,	-91.2,	0.0,	1.2);
(-105.4,	-92.6,	0.0,	1.2);	(-92.6,	-105.4,	0.0,	1.2);
(-91.2,	-106.8,	0.0,	1.2);	(-89.8,	-108.2,	0.0,	1.2);
(-88.4,	-109.6,	0.0,	1.2);	(-87.0,	-111.0,	0.0,	1.2);
(-84.8,	-113.1,	0.0,	1.2);	(-81.3,	-116.7,	0.0,	1.2);
(-77.8,	-120.2,	0.0,	1.2);	(-70.7,	-127.3,	0.0,	1.2);
(-63.6,	-134.4,	0.0,	1.2);	(-56.6,	-141.4,	0.0,	1.2);
(-49.5,	-148.5,	0.0,	1.2);	(-42.4,	-155.6,	0.0,	1.2);
(-35.4,	-162.6,	0.0,	1.2);	(-28.3,	-169.7,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-162.6,	-21.2,	0.0,	1.2);	(-155.6,	-28.3,	0.0,	1.2);
(-148.5,	-35.4,	0.0,	1.2);	(-141.4,	-42.4,	0.0,	1.2);
(-134.4,	-49.5,	0.0,	1.2);	(-127.3,	-56.6,	0.0,	1.2);
(-120.2,	-63.6,	0.0,	1.2);	(-113.1,	-70.7,	0.0,	1.2);
(-109.6,	-74.2,	0.0,	1.2);	(-106.1,	-77.8,	0.0,	1.2);
(-103.9,	-79.9,	0.0,	1.2);	(-102.5,	-81.3,	0.0,	1.2);
(-101.1,	-82.7,	0.0,	1.2);	(-99.7,	-84.2,	0.0,	1.2);
(-98.3,	-85.6,	0.0,	1.2);	(-85.6,	-98.3,	0.0,	1.2);
(-84.2,	-99.7,	0.0,	1.2);	(-82.7,	-101.1,	0.0,	1.2);
(-81.3,	-102.5,	0.0,	1.2);	(-79.9,	-103.9,	0.0,	1.2);
(-77.8,	-106.1,	0.0,	1.2);	(-74.2,	-109.6,	0.0,	1.2);
(-70.7,	-113.1,	0.0,	1.2);	(-63.6,	-120.2,	0.0,	1.2);
(-56.6,	-127.3,	0.0,	1.2);	(-49.5,	-134.4,	0.0,	1.2);
(-42.4,	-141.4,	0.0,	1.2);	(-35.4,	-148.5,	0.0,	1.2);
(-28.3,	-155.6,	0.0,	1.2);	(-21.2,	-162.6,	0.0,	1.2);

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

(-155.6,	-14.1,	0.0,	1.2);	(-148.5,	-21.2,	0.0,	1.2);
(-141.4,	-28.3,	0.0,	1.2);	(-134.4,	-35.4,	0.0,	1.2);
(-127.3,	-42.4,	0.0,	1.2);	(-120.2,	-49.5,	0.0,	1.2);
(-113.1,	-56.6,	0.0,	1.2);	(-106.1,	-63.6,	0.0,	1.2);
(-102.5,	-67.2,	0.0,	1.2);	(-99.0,	-70.7,	0.0,	1.2);
(-96.9,	-72.8,	0.0,	1.2);	(-95.5,	-74.2,	0.0,	1.2);
(-94.1,	-75.7,	0.0,	1.2);	(-92.6,	-77.1,	0.0,	1.2);
(-91.2,	-78.5,	0.0,	1.2);	(-78.5,	-91.2,	0.0,	1.2);
(-77.1,	-92.6,	0.0,	1.2);	(-75.7,	-94.1,	0.0,	1.2);
(-74.2,	-95.5,	0.0,	1.2);	(-72.8,	-96.9,	0.0,	1.2);
(-70.7,	-99.0,	0.0,	1.2);	(-67.2,	-102.5,	0.0,	1.2);
(-63.6,	-106.1,	0.0,	1.2);	(-56.6,	-113.1,	0.0,	1.2);
(-49.5,	-120.2,	0.0,	1.2);	(-42.4,	-127.3,	0.0,	1.2);
(-35.4,	-134.4,	0.0,	1.2);	(-28.3,	-141.4,	0.0,	1.2);
(-21.2,	-148.5,	0.0,	1.2);	(-14.1,	-155.6,	0.0,	1.2);
(-148.5,	-7.1,	0.0,	1.2);	(-141.4,	-14.1,	0.0,	1.2);
(-134.4,	-21.2,	0.0,	1.2);	(-127.3,	-28.3,	0.0,	1.2);
(-120.2,	-35.4,	0.0,	1.2);	(-113.1,	-42.4,	0.0,	1.2);
(-106.1,	-49.5,	0.0,	1.2);	(-99.0,	-56.6,	0.0,	1.2);
(-95.5,	-60.1,	0.0,	1.2);	(-91.9,	-63.6,	0.0,	1.2);
(-89.8,	-65.8,	0.0,	1.2);	(-88.4,	-67.2,	0.0,	1.2);
(-87.0,	-68.6,	0.0,	1.2);	(-85.6,	-70.0,	0.0,	1.2);
(-84.2,	-71.4,	0.0,	1.2);	(-71.4,	-84.2,	0.0,	1.2);
(-70.0,	-85.6,	0.0,	1.2);	(-68.6,	-87.0,	0.0,	1.2);
(-67.2,	-88.4,	0.0,	1.2);	(-65.8,	-89.8,	0.0,	1.2);
(-63.6,	-91.9,	0.0,	1.2);	(-60.1,	-95.5,	0.0,	1.2);
(-56.6,	-99.0,	0.0,	1.2);	(-49.5,	-106.1,	0.0,	1.2);
(-42.4,	-113.1,	0.0,	1.2);	(-35.4,	-120.2,	0.0,	1.2);
(-28.3,	-127.3,	0.0,	1.2);	(-21.2,	-134.4,	0.0,	1.2);
(-14.1,	-141.4,	0.0,	1.2);	(-7.1,	-148.5,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-141.4,	0.0,	0.0,	1.2);	(-134.4,	-7.1,	0.0,	1.2);
(-127.3,	-14.1,	0.0,	1.2);	(-120.2,	-21.2,	0.0,	1.2);
(-113.1,	-28.3,	0.0,	1.2);	(-106.1,	-35.4,	0.0,	1.2);
(-99.0,	-42.4,	0.0,	1.2);	(-91.9,	-49.5,	0.0,	1.2);
(-88.4,	-53.0,	0.0,	1.2);	(-84.8,	-56.6,	0.0,	1.2);
(-82.7,	-58.7,	0.0,	1.2);	(-81.3,	-60.1,	0.0,	1.2);
(-79.9,	-61.5,	0.0,	1.2);	(-78.5,	-62.9,	0.0,	1.2);

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

(-77.1, -64.3, 0.0, 1.2);	(-64.3, -77.1, 0.0, 1.2);
(-62.9, -78.5, 0.0, 1.2);	(-61.5, -79.9, 0.0, 1.2);
(-60.1, -81.3, 0.0, 1.2);	(-58.7, -82.7, 0.0, 1.2);
(-56.6, -84.8, 0.0, 1.2);	(-53.0, -88.4, 0.0, 1.2);
(-49.5, -91.9, 0.0, 1.2);	(-42.4, -99.0, 0.0, 1.2);
(-35.4, -106.1, 0.0, 1.2);	(-28.3, -113.1, 0.0, 1.2);
(-21.2, -120.2, 0.0, 1.2);	(-14.1, -127.3, 0.0, 1.2);
(-7.1, -134.4, 0.0, 1.2);	(0.0, -141.4, 0.0, 1.2);
(-134.4, 7.1, 0.0, 1.2);	(-127.3, 0.0, 0.0, 1.2);
(-120.2, -7.1, 0.0, 1.2);	(-113.1, -14.1, 0.0, 1.2);
(-106.1, -21.2, 0.0, 1.2);	(-99.0, -28.3, 0.0, 1.2);
(-91.9, -35.4, 0.0, 1.2);	(-84.8, -42.4, 0.0, 1.2);
(-81.3, -46.0, 0.0, 1.2);	(-77.8, -49.5, 0.0, 1.2);
(-75.7, -51.6, 0.0, 1.2);	(-74.2, -53.0, 0.0, 1.2);
(-72.8, -54.5, 0.0, 1.2);	(-71.4, -55.9, 0.0, 1.2);
(-70.0, -57.3, 0.0, 1.2);	(-57.3, -70.0, 0.0, 1.2);
(-55.9, -71.4, 0.0, 1.2);	(-54.5, -72.8, 0.0, 1.2);
(-53.0, -74.2, 0.0, 1.2);	(-51.6, -75.7, 0.0, 1.2);
(-49.5, -77.8, 0.0, 1.2);	(-46.0, -81.3, 0.0, 1.2);
(-42.4, -84.8, 0.0, 1.2);	(-35.4, -91.9, 0.0, 1.2);
(-28.3, -99.0, 0.0, 1.2);	(-21.2, -106.1, 0.0, 1.2);
(-14.1, -113.1, 0.0, 1.2);	(-7.1, -120.2, 0.0, 1.2);
(0.0, -127.3, 0.0, 1.2);	(7.1, -134.4, 0.0, 1.2);
(-127.3, 14.1, 0.0, 1.2);	(-120.2, 7.1, 0.0, 1.2);
(-113.1, 0.0, 0.0, 1.2);	(-106.1, -7.1, 0.0, 1.2);
(-99.0, -14.1, 0.0, 1.2);	(-91.9, -21.2, 0.0, 1.2);
(-84.8, -28.3, 0.0, 1.2);	(-77.8, -35.4, 0.0, 1.2);
(-74.2, -38.9, 0.0, 1.2);	(-70.7, -42.4, 0.0, 1.2);
(-68.6, -44.5, 0.0, 1.2);	(-67.2, -46.0, 0.0, 1.2);
(-65.8, -47.4, 0.0, 1.2);	(-64.3, -48.8, 0.0, 1.2);
(-62.9, -50.2, 0.0, 1.2);	(-50.2, -62.9, 0.0, 1.2);
(-48.8, -64.3, 0.0, 1.2);	(-47.4, -65.8, 0.0, 1.2);
(-46.0, -67.2, 0.0, 1.2);	(-44.5, -68.6, 0.0, 1.2);
(-42.4, -70.7, 0.0, 1.2);	(-38.9, -74.2, 0.0, 1.2);
(-35.4, -77.8, 0.0, 1.2);	(-28.3, -84.8, 0.0, 1.2);
(-21.2, -91.9, 0.0, 1.2);	(-14.1, -99.0, 0.0, 1.2);
(-7.1, -106.1, 0.0, 1.2);	(0.0, -113.1, 0.0, 1.2);
(7.1, -120.2, 0.0, 1.2);	(14.1, -127.3, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound
(METERS)

(-120.2,	21.2,	0.0,	1.2);	(-113.1,	14.1,	0.0,	1.2);
(-106.1,	7.1,	0.0,	1.2);	(-99.0,	0.0,	0.0,	1.2);
(-91.9,	-7.1,	0.0,	1.2);	(-84.8,	-14.1,	0.0,	1.2);
(-77.8,	-21.2,	0.0,	1.2);	(-70.7,	-28.3,	0.0,	1.2);
(-67.2,	-31.8,	0.0,	1.2);	(-63.6,	-35.4,	0.0,	1.2);
(-61.5,	-37.5,	0.0,	1.2);	(-60.1,	-38.9,	0.0,	1.2);
(-58.7,	-40.3,	0.0,	1.2);	(-57.3,	-41.7,	0.0,	1.2);
(-55.9,	-43.1,	0.0,	1.2);	(-43.1,	-55.9,	0.0,	1.2);
(-41.7,	-57.3,	0.0,	1.2);	(-40.3,	-58.7,	0.0,	1.2);
(-38.9,	-60.1,	0.0,	1.2);	(-37.5,	-61.5,	0.0,	1.2);
(-35.4,	-63.6,	0.0,	1.2);	(-31.8,	-67.2,	0.0,	1.2);
(-28.3,	-70.7,	0.0,	1.2);	(-21.2,	-77.8,	0.0,	1.2);
(-14.1,	-84.8,	0.0,	1.2);	(-7.1,	-91.9,	0.0,	1.2);
(0.0,	-99.0,	0.0,	1.2);	(7.1,	-106.1,	0.0,	1.2);
(14.1,	-113.1,	0.0,	1.2);	(21.2,	-120.2,	0.0,	1.2);
(-113.1,	28.3,	0.0,	1.2);	(-106.1,	21.2,	0.0,	1.2);
(-99.0,	14.1,	0.0,	1.2);	(-91.9,	7.1,	0.0,	1.2);
(-84.8,	0.0,	0.0,	1.2);	(-77.8,	-7.1,	0.0,	1.2);
(-70.7,	-14.1,	0.0,	1.2);	(-63.6,	-21.2,	0.0,	1.2);
(-60.1,	-24.8,	0.0,	1.2);	(-56.6,	-28.3,	0.0,	1.2);
(-54.5,	-30.4,	0.0,	1.2);	(-53.0,	-31.8,	0.0,	1.2);
(-51.6,	-33.2,	0.0,	1.2);	(-50.2,	-34.7,	0.0,	1.2);
(-48.8,	-36.1,	0.0,	1.2);	(-36.1,	-48.8,	0.0,	1.2);
(-34.7,	-50.2,	0.0,	1.2);	(-33.2,	-51.6,	0.0,	1.2);
(-31.8,	-53.0,	0.0,	1.2);	(-30.4,	-54.5,	0.0,	1.2);
(-28.3,	-56.6,	0.0,	1.2);	(-24.8,	-60.1,	0.0,	1.2);
(-21.2,	-63.6,	0.0,	1.2);	(-14.1,	-70.7,	0.0,	1.2);
(-7.1,	-77.8,	0.0,	1.2);	(0.0,	-84.8,	0.0,	1.2);
(7.1,	-91.9,	0.0,	1.2);	(14.1,	-99.0,	0.0,	1.2);
(21.2,	-106.1,	0.0,	1.2);	(28.3,	-113.1,	0.0,	1.2);
(-106.1,	35.4,	0.0,	1.2);	(-99.0,	28.3,	0.0,	1.2);
(-91.9,	21.2,	0.0,	1.2);	(-84.8,	14.1,	0.0,	1.2);
(-77.8,	7.1,	0.0,	1.2);	(-70.7,	0.0,	0.0,	1.2);
(-63.6,	-7.1,	0.0,	1.2);	(-56.6,	-14.1,	0.0,	1.2);
(-53.0,	-17.7,	0.0,	1.2);	(-49.5,	-21.2,	0.0,	1.2);
(-47.4,	-23.3,	0.0,	1.2);	(-46.0,	-24.8,	0.0,	1.2);
(-44.5,	-26.2,	0.0,	1.2);	(-43.1,	-27.6,	0.0,	1.2);
(-41.7,	-29.0,	0.0,	1.2);	(-29.0,	-41.7,	0.0,	1.2);
(-27.6,	-43.1,	0.0,	1.2);	(-26.2,	-44.5,	0.0,	1.2);
(-24.8,	-46.0,	0.0,	1.2);	(-23.3,	-47.4,	0.0,	1.2);
(-21.2,	-49.5,	0.0,	1.2);	(-17.7,	-53.0,	0.0,	1.2);
(-14.1,	-56.6,	0.0,	1.2);	(-7.1,	-63.6,	0.0,	1.2);
(0.0,	-70.7,	0.0,	1.2);	(7.1,	-77.8,	0.0,	1.2);

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

(14.1, -84.8, 0.0, 1.2); (21.2, -91.9, 0.0, 1.2);
(28.3, -99.0, 0.0, 1.2); (35.4, -106.1, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts ***
*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
**MODELOPTs:
PAGE 11
CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-99.0, 42.4, 0.0, 1.2); (-91.9, 35.4, 0.0, 1.2);
(-84.8, 28.3, 0.0, 1.2); (-77.8, 21.2, 0.0, 1.2);
(-70.7, 14.1, 0.0, 1.2); (-63.6, 7.1, 0.0, 1.2);
(-56.6, 0.0, 0.0, 1.2); (-49.5, -7.1, 0.0, 1.2);
(-46.0, -10.6, 0.0, 1.2); (-42.4, -14.1, 0.0, 1.2);
(-40.3, -16.3, 0.0, 1.2); (-38.9, -17.7, 0.0, 1.2);
(-37.5, -19.1, 0.0, 1.2); (-36.1, -20.5, 0.0, 1.2);
(-34.7, -21.9, 0.0, 1.2); (-21.9, -34.7, 0.0, 1.2);
(-20.5, -36.1, 0.0, 1.2); (-19.1, -37.5, 0.0, 1.2);
(-17.7, -38.9, 0.0, 1.2); (-16.3, -40.3, 0.0, 1.2);
(-14.1, -42.4, 0.0, 1.2); (-10.6, -46.0, 0.0, 1.2);
(-7.1, -49.5, 0.0, 1.2); (0.0, -56.6, 0.0, 1.2);
(7.1, -63.6, 0.0, 1.2); (14.1, -70.7, 0.0, 1.2);
(21.2, -77.8, 0.0, 1.2); (28.3, -84.8, 0.0, 1.2);
(35.4, -91.9, 0.0, 1.2); (42.4, -99.0, 0.0, 1.2);
(-91.9, 49.5, 0.0, 1.2); (-84.8, 42.4, 0.0, 1.2);
(-77.8, 35.4, 0.0, 1.2); (-70.7, 28.3, 0.0, 1.2);
(-63.6, 21.2, 0.0, 1.2); (-56.6, 14.1, 0.0, 1.2);
(-49.5, 7.1, 0.0, 1.2); (-42.4, 0.0, 0.0, 1.2);
(-38.9, -3.5, 0.0, 1.2); (-35.4, -7.1, 0.0, 1.2);
(-33.2, -9.2, 0.0, 1.2); (-31.8, -10.6, 0.0, 1.2);
(-30.4, -12.0, 0.0, 1.2); (-29.0, -13.4, 0.0, 1.2);
(-27.6, -14.9, 0.0, 1.2); (-14.9, -27.6, 0.0, 1.2);
(-13.4, -29.0, 0.0, 1.2); (-12.0, -30.4, 0.0, 1.2);
(-10.6, -31.8, 0.0, 1.2); (-9.2, -33.2, 0.0, 1.2);
(-7.1, -35.4, 0.0, 1.2); (-3.5, -38.9, 0.0, 1.2);
(0.0, -42.4, 0.0, 1.2); (7.1, -49.5, 0.0, 1.2);
(14.1, -56.6, 0.0, 1.2); (21.2, -63.6, 0.0, 1.2);
(28.3, -70.7, 0.0, 1.2); (35.4, -77.8, 0.0, 1.2);
(42.4, -84.8, 0.0, 1.2); (49.5, -91.9, 0.0, 1.2);
(-84.8, 56.6, 0.0, 1.2); (-77.8, 49.5, 0.0, 1.2);
(-70.7, 42.4, 0.0, 1.2); (-63.6, 35.4, 0.0, 1.2);
(-56.6, 28.3, 0.0, 1.2); (-49.5, 21.2, 0.0, 1.2);
(-42.4, 14.1, 0.0, 1.2); (-35.4, 7.1, 0.0, 1.2);
(-31.8, 3.5, 0.0, 1.2); (-28.3, 0.0, 0.0, 1.2);

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

(-26.2,	-2.1,	0.0,	1.2);	(-24.8,	-3.5,	0.0,	1.2);
(-23.3,	-4.9,	0.0,	1.2);	(-21.9,	-6.4,	0.0,	1.2);
(-20.5,	-7.8,	0.0,	1.2);	(-7.8,	-20.5,	0.0,	1.2);
(-6.4,	-21.9,	0.0,	1.2);	(-4.9,	-23.3,	0.0,	1.2);
(-3.5,	-24.8,	0.0,	1.2);	(-2.1,	-26.2,	0.0,	1.2);
(0.0,	-28.3,	0.0,	1.2);	(3.5,	-31.8,	0.0,	1.2);
(7.1,	-35.4,	0.0,	1.2);	(14.1,	-42.4,	0.0,	1.2);
(21.2,	-49.5,	0.0,	1.2);	(28.3,	-56.6,	0.0,	1.2);
(35.4,	-63.6,	0.0,	1.2);	(42.4,	-70.7,	0.0,	1.2);
(49.5,	-77.8,	0.0,	1.2);	(56.6,	-84.8,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-77.8,	63.6,	0.0,	1.2);	(-70.7,	56.6,	0.0,	1.2);
(-63.6,	49.5,	0.0,	1.2);	(-56.6,	42.4,	0.0,	1.2);
(-49.5,	35.4,	0.0,	1.2);	(-42.4,	28.3,	0.0,	1.2);
(-35.4,	21.2,	0.0,	1.2);	(-28.3,	14.1,	0.0,	1.2);
(-24.8,	10.6,	0.0,	1.2);	(-21.2,	7.1,	0.0,	1.2);
(-19.1,	4.9,	0.0,	1.2);	(-17.7,	3.5,	0.0,	1.2);
(-16.3,	2.1,	0.0,	1.2);	(-14.9,	0.7,	0.0,	1.2);
(-13.4,	-0.7,	0.0,	1.2);	(-0.7,	-13.4,	0.0,	1.2);
(0.7,	-14.9,	0.0,	1.2);	(2.1,	-16.3,	0.0,	1.2);
(3.5,	-17.7,	0.0,	1.2);	(4.9,	-19.1,	0.0,	1.2);
(7.1,	-21.2,	0.0,	1.2);	(10.6,	-24.8,	0.0,	1.2);
(14.1,	-28.3,	0.0,	1.2);	(21.2,	-35.4,	0.0,	1.2);
(28.3,	-42.4,	0.0,	1.2);	(35.4,	-49.5,	0.0,	1.2);
(42.4,	-56.6,	0.0,	1.2);	(49.5,	-63.6,	0.0,	1.2);
(56.6,	-70.7,	0.0,	1.2);	(63.6,	-77.8,	0.0,	1.2);
(-70.7,	70.7,	0.0,	1.2);	(-63.6,	63.6,	0.0,	1.2);
(-56.6,	56.6,	0.0,	1.2);	(-49.5,	49.5,	0.0,	1.2);
(-42.4,	42.4,	0.0,	1.2);	(-35.4,	35.4,	0.0,	1.2);
(-28.3,	28.3,	0.0,	1.2);	(-21.2,	21.2,	0.0,	1.2);
(-17.7,	17.7,	0.0,	1.2);	(-14.1,	14.1,	0.0,	1.2);
(-12.0,	12.0,	0.0,	1.2);	(-10.6,	10.6,	0.0,	1.2);
(-9.2,	9.2,	0.0,	1.2);	(-7.8,	7.8,	0.0,	1.2);
(-6.4,	6.4,	0.0,	1.2);	(6.4,	-6.4,	0.0,	1.2);
(7.8,	-7.8,	0.0,	1.2);	(9.2,	-9.2,	0.0,	1.2);
(10.6,	-10.6,	0.0,	1.2);	(12.0,	-12.0,	0.0,	1.2);
(14.1,	-14.1,	0.0,	1.2);	(17.7,	-17.7,	0.0,	1.2);
(21.2,	-21.2,	0.0,	1.2);	(28.3,	-28.3,	0.0,	1.2);

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

(35.4, -35.4, 0.0, 1.2);	(-42.4, -42.4, 0.0, 1.2);
(49.5, -49.5, 0.0, 1.2);	(56.6, -56.6, 0.0, 1.2);
(63.6, -63.6, 0.0, 1.2);	(70.7, -70.7, 0.0, 1.2);
(-63.6, 77.8, 0.0, 1.2);	(-56.6, 70.7, 0.0, 1.2);
(-49.5, 63.6, 0.0, 1.2);	(-42.4, 56.6, 0.0, 1.2);
(-35.4, 49.5, 0.0, 1.2);	(-28.3, 42.4, 0.0, 1.2);
(-21.2, 35.4, 0.0, 1.2);	(-14.1, 28.3, 0.0, 1.2);
(-10.6, 24.8, 0.0, 1.2);	(-7.1, 21.2, 0.0, 1.2);
(-4.9, 19.1, 0.0, 1.2);	(-3.5, 17.7, 0.0, 1.2);
(-2.1, 16.3, 0.0, 1.2);	(-0.7, 14.9, 0.0, 1.2);
(0.7, 13.4, 0.0, 1.2);	(13.4, 0.7, 0.0, 1.2);
(14.9, -0.7, 0.0, 1.2);	(16.3, -2.1, 0.0, 1.2);
(17.7, -3.5, 0.0, 1.2);	(19.1, -4.9, 0.0, 1.2);
(21.2, -7.1, 0.0, 1.2);	(24.8, -10.6, 0.0, 1.2);
(28.3, -14.1, 0.0, 1.2);	(35.4, -21.2, 0.0, 1.2);
(42.4, -28.3, 0.0, 1.2);	(49.5, -35.4, 0.0, 1.2);
(56.6, -42.4, 0.0, 1.2);	(63.6, -49.5, 0.0, 1.2);
(70.7, -56.6, 0.0, 1.2);	(77.8, -63.6, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-56.6, 84.8, 0.0, 1.2);	(-49.5, 77.8, 0.0, 1.2);
(-42.4, 70.7, 0.0, 1.2);	(-35.4, 63.6, 0.0, 1.2);
(-28.3, 56.6, 0.0, 1.2);	(-21.2, 49.5, 0.0, 1.2);
(-14.1, 42.4, 0.0, 1.2);	(-7.1, 35.4, 0.0, 1.2);
(-3.5, 31.8, 0.0, 1.2);	(0.0, 28.3, 0.0, 1.2);
(2.1, 26.2, 0.0, 1.2);	(3.5, 24.8, 0.0, 1.2);
(4.9, 23.3, 0.0, 1.2);	(6.4, 21.9, 0.0, 1.2);
(7.8, 20.5, 0.0, 1.2);	(20.5, 7.8, 0.0, 1.2);
(21.9, 6.4, 0.0, 1.2);	(23.3, 4.9, 0.0, 1.2);
(24.8, 3.5, 0.0, 1.2);	(26.2, 2.1, 0.0, 1.2);
(28.3, 0.0, 0.0, 1.2);	(31.8, -3.5, 0.0, 1.2);
(35.4, -7.1, 0.0, 1.2);	(42.4, -14.1, 0.0, 1.2);
(49.5, -21.2, 0.0, 1.2);	(56.6, -28.3, 0.0, 1.2);
(63.6, -35.4, 0.0, 1.2);	(70.7, -42.4, 0.0, 1.2);
(77.8, -49.5, 0.0, 1.2);	(84.8, -56.6, 0.0, 1.2);
(-49.5, 91.9, 0.0, 1.2);	(-42.4, 84.8, 0.0, 1.2);
(-35.4, 77.8, 0.0, 1.2);	(-28.3, 70.7, 0.0, 1.2);
(-21.2, 63.6, 0.0, 1.2);	(-14.1, 56.6, 0.0, 1.2);
(-7.1, 49.5, 0.0, 1.2);	(0.0, 42.4, 0.0, 1.2);

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

(3.5, 38.9, 0.0, 1.2);	(7.1, 35.4, 0.0, 1.2);
(9.2, 33.2, 0.0, 1.2);	(10.6, 31.8, 0.0, 1.2);
(12.0, 30.4, 0.0, 1.2);	(13.4, 29.0, 0.0, 1.2);
(14.9, 27.6, 0.0, 1.2);	(27.6, 14.9, 0.0, 1.2);
(29.0, 13.4, 0.0, 1.2);	(30.4, 12.0, 0.0, 1.2);
(31.8, 10.6, 0.0, 1.2);	(33.2, 9.2, 0.0, 1.2);
(35.4, 7.1, 0.0, 1.2);	(38.9, 3.5, 0.0, 1.2);
(42.4, 0.0, 0.0, 1.2);	(49.5, -7.1, 0.0, 1.2);
(56.6, -14.1, 0.0, 1.2);	(63.6, -21.2, 0.0, 1.2);
(70.7, -28.3, 0.0, 1.2);	(77.8, -35.4, 0.0, 1.2);
(84.8, -42.4, 0.0, 1.2);	(91.9, -49.5, 0.0, 1.2);
(-42.4, 99.0, 0.0, 1.2);	(-35.4, 91.9, 0.0, 1.2);
(-28.3, 84.8, 0.0, 1.2);	(-21.2, 77.8, 0.0, 1.2);
(-14.1, 70.7, 0.0, 1.2);	(-7.1, 63.6, 0.0, 1.2);
(0.0, 56.6, 0.0, 1.2);	(7.1, 49.5, 0.0, 1.2);
(10.6, 46.0, 0.0, 1.2);	(14.1, 42.4, 0.0, 1.2);
(16.3, 40.3, 0.0, 1.2);	(17.7, 38.9, 0.0, 1.2);
(19.1, 37.5, 0.0, 1.2);	(20.5, 36.1, 0.0, 1.2);
(21.9, 34.7, 0.0, 1.2);	(34.7, 21.9, 0.0, 1.2);
(36.1, 20.5, 0.0, 1.2);	(37.5, 19.1, 0.0, 1.2);
(38.9, 17.7, 0.0, 1.2);	(40.3, 16.3, 0.0, 1.2);
(42.4, 14.1, 0.0, 1.2);	(46.0, 10.6, 0.0, 1.2);
(49.5, 7.1, 0.0, 1.2);	(56.6, 0.0, 0.0, 1.2);
(63.6, -7.1, 0.0, 1.2);	(70.7, -14.1, 0.0, 1.2);
(77.8, -21.2, 0.0, 1.2);	(84.8, -28.3, 0.0, 1.2);
(91.9, -35.4, 0.0, 1.2);	(99.0, -42.4, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-35.4, 106.1, 0.0, 1.2);	(-28.3, 99.0, 0.0, 1.2);
(-21.2, 91.9, 0.0, 1.2);	(-14.1, 84.8, 0.0, 1.2);
(-7.1, 77.8, 0.0, 1.2);	(0.0, 70.7, 0.0, 1.2);
(7.1, 63.6, 0.0, 1.2);	(14.1, 56.6, 0.0, 1.2);
(17.7, 53.0, 0.0, 1.2);	(21.2, 49.5, 0.0, 1.2);
(23.3, 47.4, 0.0, 1.2);	(24.8, 46.0, 0.0, 1.2);
(26.2, 44.5, 0.0, 1.2);	(27.6, 43.1, 0.0, 1.2);
(29.0, 41.7, 0.0, 1.2);	(41.7, 29.0, 0.0, 1.2);
(43.1, 27.6, 0.0, 1.2);	(44.5, 26.2, 0.0, 1.2);
(46.0, 24.8, 0.0, 1.2);	(47.4, 23.3, 0.0, 1.2);
(49.5, 21.2, 0.0, 1.2);	(53.0, 17.7, 0.0, 1.2);

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

(	56.6,	14.1,	0.0,	1.2);	(	63.6,	7.1,	0.0,	1.2);
(	70.7,	0.0,	0.0,	1.2);	(	77.8,	-7.1,	0.0,	1.2);
(	84.8,	-14.1,	0.0,	1.2);	(	91.9,	-21.2,	0.0,	1.2);
(	99.0,	-28.3,	0.0,	1.2);	(	106.1,	-35.4,	0.0,	1.2);
(	-28.3,	113.1,	0.0,	1.2);	(	-21.2,	106.1,	0.0,	1.2);
(	-14.1,	99.0,	0.0,	1.2);	(	-7.1,	91.9,	0.0,	1.2);
(	0.0,	84.8,	0.0,	1.2);	(	7.1,	77.8,	0.0,	1.2);
(	14.1,	70.7,	0.0,	1.2);	(	21.2,	63.6,	0.0,	1.2);
(	24.8,	60.1,	0.0,	1.2);	(	28.3,	56.6,	0.0,	1.2);
(	30.4,	54.5,	0.0,	1.2);	(	31.8,	53.0,	0.0,	1.2);
(	33.2,	51.6,	0.0,	1.2);	(	34.7,	50.2,	0.0,	1.2);
(	36.1,	48.8,	0.0,	1.2);	(	48.8,	36.1,	0.0,	1.2);
(	50.2,	34.7,	0.0,	1.2);	(	51.6,	33.2,	0.0,	1.2);
(	53.0,	31.8,	0.0,	1.2);	(	54.5,	30.4,	0.0,	1.2);
(	56.6,	28.3,	0.0,	1.2);	(	60.1,	24.8,	0.0,	1.2);
(	63.6,	21.2,	0.0,	1.2);	(	70.7,	14.1,	0.0,	1.2);
(	77.8,	7.1,	0.0,	1.2);	(	84.8,	0.0,	0.0,	1.2);
(	91.9,	-7.1,	0.0,	1.2);	(	99.0,	-14.1,	0.0,	1.2);
(	106.1,	-21.2,	0.0,	1.2);	(	113.1,	-28.3,	0.0,	1.2);
(	-21.2,	120.2,	0.0,	1.2);	(	-14.1,	113.1,	0.0,	1.2);
(	-7.1,	106.1,	0.0,	1.2);	(	0.0,	99.0,	0.0,	1.2);
(	7.1,	91.9,	0.0,	1.2);	(	14.1,	84.8,	0.0,	1.2);
(	21.2,	77.8,	0.0,	1.2);	(	28.3,	70.7,	0.0,	1.2);
(	31.8,	67.2,	0.0,	1.2);	(	35.4,	63.6,	0.0,	1.2);
(	37.5,	61.5,	0.0,	1.2);	(	38.9,	60.1,	0.0,	1.2);
(	40.3,	58.7,	0.0,	1.2);	(	41.7,	57.3,	0.0,	1.2);
(	43.1,	55.9,	0.0,	1.2);	(	55.9,	43.1,	0.0,	1.2);
(	57.3,	41.7,	0.0,	1.2);	(	58.7,	40.3,	0.0,	1.2);
(	60.1,	38.9,	0.0,	1.2);	(	61.5,	37.5,	0.0,	1.2);
(	63.6,	35.4,	0.0,	1.2);	(	67.2,	31.8,	0.0,	1.2);
(	70.7,	28.3,	0.0,	1.2);	(	77.8,	21.2,	0.0,	1.2);
(	84.8,	14.1,	0.0,	1.2);	(	91.9,	7.1,	0.0,	1.2);
(	99.0,	0.0,	0.0,	1.2);	(	106.1,	-7.1,	0.0,	1.2);
(	113.1,	-14.1,	0.0,	1.2);	(	120.2,	-21.2,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTS:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(	-14.1,	127.3,	0.0,	1.2);	(	-7.1,	120.2,	0.0,	1.2);
(	0.0,	113.1,	0.0,	1.2);	(	7.1,	106.1,	0.0,	1.2);
(	14.1,	99.0,	0.0,	1.2);	(	21.2,	91.9,	0.0,	1.2);

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

(28.3,	84.8,	0.0,	1.2);	(35.4,	77.8,	0.0,	1.2);
(38.9,	74.2,	0.0,	1.2);	(42.4,	70.7,	0.0,	1.2);
(44.5,	68.6,	0.0,	1.2);	(46.0,	67.2,	0.0,	1.2);
(47.4,	65.8,	0.0,	1.2);	(48.8,	64.3,	0.0,	1.2);
(50.2,	62.9,	0.0,	1.2);	(62.9,	50.2,	0.0,	1.2);
(64.3,	48.8,	0.0,	1.2);	(65.8,	47.4,	0.0,	1.2);
(67.2,	46.0,	0.0,	1.2);	(68.6,	44.5,	0.0,	1.2);
(70.7,	42.4,	0.0,	1.2);	(74.2,	38.9,	0.0,	1.2);
(77.8,	35.4,	0.0,	1.2);	(84.8,	28.3,	0.0,	1.2);
(91.9,	21.2,	0.0,	1.2);	(99.0,	14.1,	0.0,	1.2);
(106.1,	7.1,	0.0,	1.2);	(113.1,	0.0,	0.0,	1.2);
(120.2,	-7.1,	0.0,	1.2);	(127.3,	-14.1,	0.0,	1.2);
(-7.1,	134.4,	0.0,	1.2);	(0.0,	127.3,	0.0,	1.2);
(7.1,	120.2,	0.0,	1.2);	(14.1,	113.1,	0.0,	1.2);
(21.2,	106.1,	0.0,	1.2);	(28.3,	99.0,	0.0,	1.2);
(35.4,	91.9,	0.0,	1.2);	(42.4,	84.8,	0.0,	1.2);
(46.0,	81.3,	0.0,	1.2);	(49.5,	77.8,	0.0,	1.2);
(51.6,	75.7,	0.0,	1.2);	(53.0,	74.2,	0.0,	1.2);
(54.5,	72.8,	0.0,	1.2);	(55.9,	71.4,	0.0,	1.2);
(57.3,	70.0,	0.0,	1.2);	(70.0,	57.3,	0.0,	1.2);
(71.4,	55.9,	0.0,	1.2);	(72.8,	54.5,	0.0,	1.2);
(74.2,	53.0,	0.0,	1.2);	(75.7,	51.6,	0.0,	1.2);
(77.8,	49.5,	0.0,	1.2);	(81.3,	46.0,	0.0,	1.2);
(84.8,	42.4,	0.0,	1.2);	(91.9,	35.4,	0.0,	1.2);
(99.0,	28.3,	0.0,	1.2);	(106.1,	21.2,	0.0,	1.2);
(113.1,	14.1,	0.0,	1.2);	(120.2,	7.1,	0.0,	1.2);
(127.3,	0.0,	0.0,	1.2);	(134.4,	-7.1,	0.0,	1.2);
(0.0,	141.4,	0.0,	1.2);	(7.1,	134.4,	0.0,	1.2);
(14.1,	127.3,	0.0,	1.2);	(21.2,	120.2,	0.0,	1.2);
(28.3,	113.1,	0.0,	1.2);	(35.4,	106.1,	0.0,	1.2);
(42.4,	99.0,	0.0,	1.2);	(49.5,	91.9,	0.0,	1.2);
(53.0,	88.4,	0.0,	1.2);	(56.6,	84.8,	0.0,	1.2);
(58.7,	82.7,	0.0,	1.2);	(60.1,	81.3,	0.0,	1.2);
(61.5,	79.9,	0.0,	1.2);	(62.9,	78.5,	0.0,	1.2);
(64.3,	77.1,	0.0,	1.2);	(77.1,	64.3,	0.0,	1.2);
(78.5,	62.9,	0.0,	1.2);	(79.9,	61.5,	0.0,	1.2);
(81.3,	60.1,	0.0,	1.2);	(82.7,	58.7,	0.0,	1.2);
(84.8,	56.6,	0.0,	1.2);	(88.4,	53.0,	0.0,	1.2);
(91.9,	49.5,	0.0,	1.2);	(99.0,	42.4,	0.0,	1.2);
(106.1,	35.4,	0.0,	1.2);	(113.1,	28.3,	0.0,	1.2);
(120.2,	21.2,	0.0,	1.2);	(127.3,	14.1,	0.0,	1.2);
(134.4,	7.1,	0.0,	1.2);	(141.4,	0.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(7.1, 148.5, 0.0, 1.2);	(14.1, 141.4, 0.0, 1.2);
(21.2, 134.4, 0.0, 1.2);	(28.3, 127.3, 0.0, 1.2);
(35.4, 120.2, 0.0, 1.2);	(42.4, 113.1, 0.0, 1.2);
(49.5, 106.1, 0.0, 1.2);	(56.6, 99.0, 0.0, 1.2);
(60.1, 95.5, 0.0, 1.2);	(63.6, 91.9, 0.0, 1.2);
(65.8, 89.8, 0.0, 1.2);	(67.2, 88.4, 0.0, 1.2);
(68.6, 87.0, 0.0, 1.2);	(70.0, 85.6, 0.0, 1.2);
(71.4, 84.2, 0.0, 1.2);	(84.2, 71.4, 0.0, 1.2);
(85.6, 70.0, 0.0, 1.2);	(87.0, 68.6, 0.0, 1.2);
(88.4, 67.2, 0.0, 1.2);	(89.8, 65.8, 0.0, 1.2);
(91.9, 63.6, 0.0, 1.2);	(95.5, 60.1, 0.0, 1.2);
(99.0, 56.6, 0.0, 1.2);	(106.1, 49.5, 0.0, 1.2);
(113.1, 42.4, 0.0, 1.2);	(120.2, 35.4, 0.0, 1.2);
(127.3, 28.3, 0.0, 1.2);	(134.4, 21.2, 0.0, 1.2);
(141.4, 14.1, 0.0, 1.2);	(148.5, 7.1, 0.0, 1.2);
(14.1, 155.6, 0.0, 1.2);	(21.2, 148.5, 0.0, 1.2);
(28.3, 141.4, 0.0, 1.2);	(35.4, 134.4, 0.0, 1.2);
(42.4, 127.3, 0.0, 1.2);	(49.5, 120.2, 0.0, 1.2);
(56.6, 113.1, 0.0, 1.2);	(63.6, 106.1, 0.0, 1.2);
(67.2, 102.5, 0.0, 1.2);	(70.7, 99.0, 0.0, 1.2);
(72.8, 96.9, 0.0, 1.2);	(74.2, 95.5, 0.0, 1.2);
(75.7, 94.1, 0.0, 1.2);	(77.1, 92.6, 0.0, 1.2);
(78.5, 91.2, 0.0, 1.2);	(91.2, 78.5, 0.0, 1.2);
(92.6, 77.1, 0.0, 1.2);	(94.1, 75.7, 0.0, 1.2);
(95.5, 74.2, 0.0, 1.2);	(96.9, 72.8, 0.0, 1.2);
(99.0, 70.7, 0.0, 1.2);	(102.5, 67.2, 0.0, 1.2);
(106.1, 63.6, 0.0, 1.2);	(113.1, 56.6, 0.0, 1.2);
(120.2, 49.5, 0.0, 1.2);	(127.3, 42.4, 0.0, 1.2);
(134.4, 35.4, 0.0, 1.2);	(141.4, 28.3, 0.0, 1.2);
(148.5, 21.2, 0.0, 1.2);	(155.6, 14.1, 0.0, 1.2);
(21.2, 162.6, 0.0, 1.2);	(28.3, 155.6, 0.0, 1.2);
(35.4, 148.5, 0.0, 1.2);	(42.4, 141.4, 0.0, 1.2);
(49.5, 134.4, 0.0, 1.2);	(56.6, 127.3, 0.0, 1.2);
(63.6, 120.2, 0.0, 1.2);	(70.7, 113.1, 0.0, 1.2);
(74.2, 109.6, 0.0, 1.2);	(77.8, 106.1, 0.0, 1.2);
(79.9, 103.9, 0.0, 1.2);	(81.3, 102.5, 0.0, 1.2);
(82.7, 101.1, 0.0, 1.2);	(84.2, 99.7, 0.0, 1.2);
(85.6, 98.3, 0.0, 1.2);	(98.3, 85.6, 0.0, 1.2);
(99.7, 84.2, 0.0, 1.2);	(101.1, 82.7, 0.0, 1.2);

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

(102.5,	81.3,	0.0,	1.2);	(103.9,	79.9,	0.0,	1.2);
(106.1,	77.8,	0.0,	1.2);	(109.6,	74.2,	0.0,	1.2);
(113.1,	70.7,	0.0,	1.2);	(120.2,	63.6,	0.0,	1.2);
(127.3,	56.6,	0.0,	1.2);	(134.4,	49.5,	0.0,	1.2);
(141.4,	42.4,	0.0,	1.2);	(148.5,	35.4,	0.0,	1.2);
(155.6,	28.3,	0.0,	1.2);	(162.6,	21.2,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(28.3,	169.7,	0.0,	1.2);	(35.4,	162.6,	0.0,	1.2);
(42.4,	155.6,	0.0,	1.2);	(49.5,	148.5,	0.0,	1.2);
(56.6,	141.4,	0.0,	1.2);	(63.6,	134.4,	0.0,	1.2);
(70.7,	127.3,	0.0,	1.2);	(77.8,	120.2,	0.0,	1.2);
(81.3,	116.7,	0.0,	1.2);	(84.8,	113.1,	0.0,	1.2);
(87.0,	111.0,	0.0,	1.2);	(88.4,	109.6,	0.0,	1.2);
(89.8,	108.2,	0.0,	1.2);	(91.2,	106.8,	0.0,	1.2);
(92.6,	105.4,	0.0,	1.2);	(105.4,	92.6,	0.0,	1.2);
(106.8,	91.2,	0.0,	1.2);	(108.2,	89.8,	0.0,	1.2);
(109.6,	88.4,	0.0,	1.2);	(111.0,	87.0,	0.0,	1.2);
(113.1,	84.8,	0.0,	1.2);	(116.7,	81.3,	0.0,	1.2);
(120.2,	77.8,	0.0,	1.2);	(127.3,	70.7,	0.0,	1.2);
(134.4,	63.6,	0.0,	1.2);	(141.4,	56.6,	0.0,	1.2);
(148.5,	49.5,	0.0,	1.2);	(155.6,	42.4,	0.0,	1.2);
(162.6,	35.4,	0.0,	1.2);	(169.7,	28.3,	0.0,	1.2);
(35.4,	176.8,	0.0,	1.2);	(42.4,	169.7,	0.0,	1.2);
(49.5,	162.6,	0.0,	1.2);	(56.6,	155.6,	0.0,	1.2);
(63.6,	148.5,	0.0,	1.2);	(70.7,	141.4,	0.0,	1.2);
(77.8,	134.4,	0.0,	1.2);	(84.8,	127.3,	0.0,	1.2);
(88.4,	123.7,	0.0,	1.2);	(91.9,	120.2,	0.0,	1.2);
(94.1,	118.1,	0.0,	1.2);	(95.5,	116.7,	0.0,	1.2);
(96.9,	115.3,	0.0,	1.2);	(98.3,	113.8,	0.0,	1.2);
(99.7,	112.4,	0.0,	1.2);	(112.4,	99.7,	0.0,	1.2);
(113.8,	98.3,	0.0,	1.2);	(115.3,	96.9,	0.0,	1.2);
(116.7,	95.5,	0.0,	1.2);	(118.1,	94.1,	0.0,	1.2);
(120.2,	91.9,	0.0,	1.2);	(123.7,	88.4,	0.0,	1.2);
(127.3,	84.8,	0.0,	1.2);	(134.4,	77.8,	0.0,	1.2);
(141.4,	70.7,	0.0,	1.2);	(148.5,	63.6,	0.0,	1.2);
(155.6,	56.6,	0.0,	1.2);	(162.6,	49.5,	0.0,	1.2);
(169.7,	42.4,	0.0,	1.2);	(176.8,	35.4,	0.0,	1.2);
(42.4,	183.9,	0.0,	1.2);	(49.5,	176.8,	0.0,	1.2);

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

(56.6,	169.7,	0.0,	1.2);	(63.6,	162.6,	0.0,	1.2);
(70.7,	155.6,	0.0,	1.2);	(77.8,	148.5,	0.0,	1.2);
(84.8,	141.4,	0.0,	1.2);	(91.9,	134.4,	0.0,	1.2);
(95.5,	130.8,	0.0,	1.2);	(99.0,	127.3,	0.0,	1.2);
(101.1,	125.2,	0.0,	1.2);	(102.5,	123.7,	0.0,	1.2);
(103.9,	122.3,	0.0,	1.2);	(105.4,	120.9,	0.0,	1.2);
(106.8,	119.5,	0.0,	1.2);	(119.5,	106.8,	0.0,	1.2);
(120.9,	105.4,	0.0,	1.2);	(122.3,	103.9,	0.0,	1.2);
(123.7,	102.5,	0.0,	1.2);	(125.2,	101.1,	0.0,	1.2);
(127.3,	99.0,	0.0,	1.2);	(130.8,	95.5,	0.0,	1.2);
(134.4,	91.9,	0.0,	1.2);	(141.4,	84.8,	0.0,	1.2);
(148.5,	77.8,	0.0,	1.2);	(155.6,	70.7,	0.0,	1.2);
(162.6,	63.6,	0.0,	1.2);	(169.7,	56.6,	0.0,	1.2);
(176.8,	49.5,	0.0,	1.2);	(183.9,	42.4,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(49.5,	190.9,	0.0,	1.2);	(56.6,	183.9,	0.0,	1.2);
(63.6,	176.8,	0.0,	1.2);	(70.7,	169.7,	0.0,	1.2);
(77.8,	162.6,	0.0,	1.2);	(84.8,	155.6,	0.0,	1.2);
(91.9,	148.5,	0.0,	1.2);	(99.0,	141.4,	0.0,	1.2);
(102.5,	137.9,	0.0,	1.2);	(106.1,	134.4,	0.0,	1.2);
(108.2,	132.2,	0.0,	1.2);	(109.6,	130.8,	0.0,	1.2);
(111.0,	129.4,	0.0,	1.2);	(112.4,	128.0,	0.0,	1.2);
(113.8,	126.6,	0.0,	1.2);	(126.6,	113.8,	0.0,	1.2);
(128.0,	112.4,	0.0,	1.2);	(129.4,	111.0,	0.0,	1.2);
(130.8,	109.6,	0.0,	1.2);	(132.2,	108.2,	0.0,	1.2);
(134.4,	106.1,	0.0,	1.2);	(137.9,	102.5,	0.0,	1.2);
(141.4,	99.0,	0.0,	1.2);	(148.5,	91.9,	0.0,	1.2);
(155.6,	84.8,	0.0,	1.2);	(162.6,	77.8,	0.0,	1.2);
(169.7,	70.7,	0.0,	1.2);	(176.8,	63.6,	0.0,	1.2);
(183.9,	56.6,	0.0,	1.2);	(190.9,	49.5,	0.0,	1.2);
(56.6,	198.0,	0.0,	1.2);	(63.6,	190.9,	0.0,	1.2);
(70.7,	183.9,	0.0,	1.2);	(77.8,	176.8,	0.0,	1.2);
(84.8,	169.7,	0.0,	1.2);	(91.9,	162.6,	0.0,	1.2);
(99.0,	155.6,	0.0,	1.2);	(106.1,	148.5,	0.0,	1.2);
(109.6,	145.0,	0.0,	1.2);	(113.1,	141.4,	0.0,	1.2);
(115.3,	139.3,	0.0,	1.2);	(116.7,	137.9,	0.0,	1.2);
(118.1,	136.5,	0.0,	1.2);	(119.5,	135.1,	0.0,	1.2);
(120.9,	133.6,	0.0,	1.2);	(133.6,	120.9,	0.0,	1.2);

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

(135.1,	119.5,	0.0,	1.2);	(136.5,	118.1,	0.0,	1.2);
(137.9,	116.7,	0.0,	1.2);	(139.3,	115.3,	0.0,	1.2);
(141.4,	113.1,	0.0,	1.2);	(145.0,	109.6,	0.0,	1.2);
(148.5,	106.1,	0.0,	1.2);	(155.6,	99.0,	0.0,	1.2);
(162.6,	91.9,	0.0,	1.2);	(169.7,	84.8,	0.0,	1.2);
(176.8,	77.8,	0.0,	1.2);	(183.9,	70.7,	0.0,	1.2);
(190.9,	63.6,	0.0,	1.2);	(198.0,	56.6,	0.0,	1.2);
(63.6,	205.1,	0.0,	1.2);	(70.7,	198.0,	0.0,	1.2);
(77.8,	190.9,	0.0,	1.2);	(84.8,	183.9,	0.0,	1.2);
(91.9,	176.8,	0.0,	1.2);	(99.0,	169.7,	0.0,	1.2);
(106.1,	162.6,	0.0,	1.2);	(113.1,	155.6,	0.0,	1.2);
(116.7,	152.0,	0.0,	1.2);	(120.2,	148.5,	0.0,	1.2);
(122.3,	146.4,	0.0,	1.2);	(123.7,	145.0,	0.0,	1.2);
(125.2,	143.5,	0.0,	1.2);	(126.6,	142.1,	0.0,	1.2);
(128.0,	140.7,	0.0,	1.2);	(140.7,	128.0,	0.0,	1.2);
(142.1,	126.6,	0.0,	1.2);	(143.5,	125.2,	0.0,	1.2);
(145.0,	123.7,	0.0,	1.2);	(146.4,	122.3,	0.0,	1.2);
(148.5,	120.2,	0.0,	1.2);	(152.0,	116.7,	0.0,	1.2);
(155.6,	113.1,	0.0,	1.2);	(162.6,	106.1,	0.0,	1.2);
(169.7,	99.0,	0.0,	1.2);	(176.8,	91.9,	0.0,	1.2);
(183.9,	84.8,	0.0,	1.2);	(190.9,	77.8,	0.0,	1.2);
(198.0,	70.7,	0.0,	1.2);	(205.1,	63.6,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(70.7,	212.1,	0.0,	1.2);	(77.8,	205.1,	0.0,	1.2);
(84.8,	198.0,	0.0,	1.2);	(91.9,	190.9,	0.0,	1.2);
(99.0,	183.9,	0.0,	1.2);	(106.1,	176.8,	0.0,	1.2);
(113.1,	169.7,	0.0,	1.2);	(120.2,	162.6,	0.0,	1.2);
(123.7,	159.1,	0.0,	1.2);	(127.3,	155.6,	0.0,	1.2);
(129.4,	153.4,	0.0,	1.2);	(130.8,	152.0,	0.0,	1.2);
(132.2,	150.6,	0.0,	1.2);	(133.6,	149.2,	0.0,	1.2);
(135.1,	147.8,	0.0,	1.2);	(147.8,	135.1,	0.0,	1.2);
(149.2,	133.6,	0.0,	1.2);	(150.6,	132.2,	0.0,	1.2);
(152.0,	130.8,	0.0,	1.2);	(153.4,	129.4,	0.0,	1.2);
(155.6,	127.3,	0.0,	1.2);	(159.1,	123.7,	0.0,	1.2);
(162.6,	120.2,	0.0,	1.2);	(169.7,	113.1,	0.0,	1.2);
(176.8,	106.1,	0.0,	1.2);	(183.9,	99.0,	0.0,	1.2);
(190.9,	91.9,	0.0,	1.2);	(198.0,	84.8,	0.0,	1.2);
(205.1,	77.8,	0.0,	1.2);	(212.1,	70.7,	0.0,	1.2);

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

(77.8,	219.2,	0.0,	1.2);	(84.8,	212.1,	0.0,	1.2);
(91.9,	205.1,	0.0,	1.2);	(99.0,	198.0,	0.0,	1.2);
(106.1,	190.9,	0.0,	1.2);	(113.1,	183.9,	0.0,	1.2);
(120.2,	176.8,	0.0,	1.2);	(127.3,	169.7,	0.0,	1.2);
(130.8,	166.2,	0.0,	1.2);	(134.4,	162.6,	0.0,	1.2);
(136.5,	160.5,	0.0,	1.2);	(137.9,	159.1,	0.0,	1.2);
(139.3,	157.7,	0.0,	1.2);	(140.7,	156.3,	0.0,	1.2);
(142.1,	154.9,	0.0,	1.2);	(154.9,	142.1,	0.0,	1.2);
(156.3,	140.7,	0.0,	1.2);	(157.7,	139.3,	0.0,	1.2);
(159.1,	137.9,	0.0,	1.2);	(160.5,	136.5,	0.0,	1.2);
(162.6,	134.4,	0.0,	1.2);	(166.2,	130.8,	0.0,	1.2);
(169.7,	127.3,	0.0,	1.2);	(176.8,	120.2,	0.0,	1.2);
(183.9,	113.1,	0.0,	1.2);	(190.9,	106.1,	0.0,	1.2);
(198.0,	99.0,	0.0,	1.2);	(205.1,	91.9,	0.0,	1.2);
(212.1,	84.8,	0.0,	1.2);	(219.2,	77.8,	0.0,	1.2);
(84.8,	226.3,	0.0,	1.2);	(91.9,	219.2,	0.0,	1.2);
(99.0,	212.1,	0.0,	1.2);	(106.1,	205.1,	0.0,	1.2);
(113.1,	198.0,	0.0,	1.2);	(120.2,	190.9,	0.0,	1.2);
(127.3,	183.9,	0.0,	1.2);	(134.4,	176.8,	0.0,	1.2);
(137.9,	173.2,	0.0,	1.2);	(141.4,	169.7,	0.0,	1.2);
(143.5,	167.6,	0.0,	1.2);	(145.0,	166.2,	0.0,	1.2);
(146.4,	164.8,	0.0,	1.2);	(147.8,	163.3,	0.0,	1.2);
(149.2,	161.9,	0.0,	1.2);	(161.9,	149.2,	0.0,	1.2);
(163.3,	147.8,	0.0,	1.2);	(164.8,	146.4,	0.0,	1.2);
(166.2,	145.0,	0.0,	1.2);	(167.6,	143.5,	0.0,	1.2);
(169.7,	141.4,	0.0,	1.2);	(173.2,	137.9,	0.0,	1.2);
(176.8,	134.4,	0.0,	1.2);	(183.9,	127.3,	0.0,	1.2);
(190.9,	120.2,	0.0,	1.2);	(198.0,	113.1,	0.0,	1.2);
(205.1,	106.1,	0.0,	1.2);	(212.1,	99.0,	0.0,	1.2);
(219.2,	91.9,	0.0,	1.2);	(226.3,	84.8,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(91.9,	233.4,	0.0,	1.2);	(99.0,	226.3,	0.0,	1.2);
(106.1,	219.2,	0.0,	1.2);	(113.1,	212.1,	0.0,	1.2);
(120.2,	205.1,	0.0,	1.2);	(127.3,	198.0,	0.0,	1.2);
(134.4,	190.9,	0.0,	1.2);	(141.4,	183.9,	0.0,	1.2);
(145.0,	180.3,	0.0,	1.2);	(148.5,	176.8,	0.0,	1.2);
(150.6,	174.7,	0.0,	1.2);	(152.0,	173.2,	0.0,	1.2);
(153.4,	171.8,	0.0,	1.2);	(154.9,	170.4,	0.0,	1.2);

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

(156.3,	169.0,	0.0,	1.2);	(169.0,	156.3,	0.0,	1.2);
(170.4,	154.9,	0.0,	1.2);	(171.8,	153.4,	0.0,	1.2);
(173.2,	152.0,	0.0,	1.2);	(174.7,	150.6,	0.0,	1.2);
(176.8,	148.5,	0.0,	1.2);	(180.3,	145.0,	0.0,	1.2);
(183.9,	141.4,	0.0,	1.2);	(190.9,	134.4,	0.0,	1.2);
(198.0,	127.3,	0.0,	1.2);	(205.1,	120.2,	0.0,	1.2);
(212.1,	113.1,	0.0,	1.2);	(219.2,	106.1,	0.0,	1.2);
(226.3,	99.0,	0.0,	1.2);	(233.4,	91.9,	0.0,	1.2);
(99.0,	240.4,	0.0,	1.2);	(106.1,	233.4,	0.0,	1.2);
(113.1,	226.3,	0.0,	1.2);	(120.2,	219.2,	0.0,	1.2);
(127.3,	212.1,	0.0,	1.2);	(134.4,	205.1,	0.0,	1.2);
(141.4,	198.0,	0.0,	1.2);	(148.5,	190.9,	0.0,	1.2);
(152.0,	187.4,	0.0,	1.2);	(155.6,	183.9,	0.0,	1.2);
(157.7,	181.7,	0.0,	1.2);	(159.1,	180.3,	0.0,	1.2);
(160.5,	178.9,	0.0,	1.2);	(161.9,	177.5,	0.0,	1.2);
(163.3,	176.1,	0.0,	1.2);	(176.1,	163.3,	0.0,	1.2);
(177.5,	161.9,	0.0,	1.2);	(178.9,	160.5,	0.0,	1.2);
(180.3,	159.1,	0.0,	1.2);	(181.7,	157.7,	0.0,	1.2);
(183.9,	155.6,	0.0,	1.2);	(187.4,	152.0,	0.0,	1.2);
(190.9,	148.5,	0.0,	1.2);	(198.0,	141.4,	0.0,	1.2);
(205.1,	134.4,	0.0,	1.2);	(212.1,	127.3,	0.0,	1.2);
(219.2,	120.2,	0.0,	1.2);	(226.3,	113.1,	0.0,	1.2);
(233.4,	106.1,	0.0,	1.2);	(240.4,	99.0,	0.0,	1.2);
(106.1,	247.5,	0.0,	1.2);	(113.1,	240.4,	0.0,	1.2);
(120.2,	233.4,	0.0,	1.2);	(127.3,	226.3,	0.0,	1.2);
(134.4,	219.2,	0.0,	1.2);	(141.4,	212.1,	0.0,	1.2);
(148.5,	205.1,	0.0,	1.2);	(155.6,	198.0,	0.0,	1.2);
(159.1,	194.4,	0.0,	1.2);	(162.6,	190.9,	0.0,	1.2);
(164.8,	188.8,	0.0,	1.2);	(166.2,	187.4,	0.0,	1.2);
(167.6,	186.0,	0.0,	1.2);	(169.0,	184.6,	0.0,	1.2);
(170.4,	183.1,	0.0,	1.2);	(183.1,	170.4,	0.0,	1.2);
(184.6,	169.0,	0.0,	1.2);	(186.0,	167.6,	0.0,	1.2);
(187.4,	166.2,	0.0,	1.2);	(188.8,	164.8,	0.0,	1.2);
(190.9,	162.6,	0.0,	1.2);	(194.4,	159.1,	0.0,	1.2);
(198.0,	155.6,	0.0,	1.2);	(205.1,	148.5,	0.0,	1.2);
(212.1,	141.4,	0.0,	1.2);	(219.2,	134.4,	0.0,	1.2);
(226.3,	127.3,	0.0,	1.2);	(233.4,	120.2,	0.0,	1.2);
(240.4,	113.1,	0.0,	1.2);	(247.5,	106.1,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
 (1=YES; 0=NO)

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
00	01	01	01	182.9	1.52	279.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	02	210.0	1.65	278.7	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	03	199.7	1.34	278.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	04	201.1	1.21	279.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	05	189.9	1.00	278.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	06	231.5	1.65	278.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	07	158.6	1.65	278.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	08	205.5	1.25	277.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	09	90.3	1.00	277.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	10	197.9	1.00	279.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	11	151.5	1.43	281.1	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	12	123.0	1.21	282.2	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	13	46.8	1.70	282.9	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	14	28.8	2.19	284.3	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	15	83.0	3.80	285.7	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	16	71.2	3.08	284.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	17	93.6	3.40	284.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	18	88.3	4.16	284.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	19	117.4	2.82	283.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	20	123.8	1.70	283.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	21	248.8	1.30	279.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	22	248.5	1.12	277.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	23	253.2	1.07	276.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	24	233.2	1.43	275.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00013	-240.42	-113.14	0.00013
-233.35	-120.21	0.00013	-226.27	-127.28	0.00013
-219.20	-134.35	0.00013	-212.13	-141.42	0.00013
-205.06	-148.49	0.00013	-197.99	-155.56	0.00013
-194.45	-159.10	0.00014	-190.92	-162.63	0.00014
-188.80	-164.76	0.00014	-187.38	-166.17	0.00014
-185.97	-167.58	0.00014	-184.55	-169.00	0.00014
-183.14	-170.41	0.00014	-170.41	-183.14	0.00014
-169.00	-184.55	0.00014	-167.58	-185.97	0.00014
-166.17	-187.38	0.00014	-164.76	-188.80	0.00014
-162.63	-190.92	0.00014	-159.10	-194.45	0.00014
-155.56	-197.99	0.00014	-148.49	-205.06	0.00014
-141.42	-212.13	0.00014	-134.35	-219.20	0.00014
-127.28	-226.27	0.00014	-120.21	-233.35	0.00014
-113.14	-240.42	0.00014	-106.07	-247.49	0.00014
-240.42	-98.99	0.00013	-233.35	-106.07	0.00013
-226.27	-113.14	0.00013	-219.20	-120.21	0.00014

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-212.13	-127.28	0.00014	-205.06	-134.35	0.00014
-197.99	-141.42	0.00014	-190.92	-148.49	0.00014
-187.38	-152.03	0.00014	-183.85	-155.56	0.00014
-181.73	-157.68	0.00014	-180.31	-159.10	0.00014
-178.90	-160.51	0.00014	-177.48	-161.93	0.00014
-176.07	-163.34	0.00014	-163.34	-176.07	0.00014
-161.93	-177.48	0.00014	-160.51	-178.90	0.00014
-159.10	-180.31	0.00014	-157.68	-181.73	0.00014
-155.56	-183.85	0.00014	-152.03	-187.38	0.00015
-148.49	-190.92	0.00015	-141.42	-197.99	0.00015
-134.35	-205.06	0.00015	-127.28	-212.13	0.00015
-120.21	-219.20	0.00015	-113.14	-226.27	0.00015
-106.07	-233.35	0.00015	-98.99	-240.42	0.00015
-233.35	-91.92	0.00014	-226.27	-99.00	0.00014
-219.20	-106.07	0.00014	-212.13	-113.14	0.00014
-205.06	-120.21	0.00014	-197.99	-127.28	0.00014
-190.92	-134.35	0.00015	-183.85	-141.42	0.00015
-180.31	-144.96	0.00015	-176.78	-148.49	0.00015
-174.66	-150.61	0.00015	-173.24	-152.03	0.00015
-171.83	-153.44	0.00015	-170.41	-154.86	0.00015
-169.00	-156.27	0.00015	-156.27	-169.00	0.00015
-154.86	-170.41	0.00015	-153.44	-171.83	0.00015
-152.03	-173.24	0.00015	-150.61	-174.66	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00015	-144.96	-180.31	0.00015
-141.42	-183.85	0.00015	-134.35	-190.92	0.00015
-127.28	-197.99	0.00015	-120.21	-205.06	0.00015
-113.14	-212.13	0.00015	-106.07	-219.20	0.00015
-98.99	-226.27	0.00015	-91.92	-233.35	0.00015
-226.27	-84.85	0.00014	-219.20	-91.92	0.00014
-212.13	-99.00	0.00015	-205.06	-106.07	0.00015
-197.99	-113.14	0.00015	-190.92	-120.21	0.00015
-183.85	-127.28	0.00015	-176.78	-134.35	0.00015
-173.24	-137.89	0.00015	-169.71	-141.42	0.00015
-167.58	-143.54	0.00015	-166.17	-144.96	0.00015

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-164.76	-146.37	0.00016	-163.34	-147.79	0.00016
-161.93	-149.20	0.00016	-149.20	-161.93	0.00016
-147.79	-163.34	0.00016	-146.37	-164.76	0.00016
-144.96	-166.17	0.00016	-143.54	-167.58	0.00016
-141.42	-169.71	0.00016	-137.89	-173.24	0.00016
-134.35	-176.78	0.00016	-127.28	-183.85	0.00016
-120.21	-190.92	0.00016	-113.14	-197.99	0.00016
-106.07	-205.06	0.00016	-98.99	-212.13	0.00016
-91.92	-219.20	0.00016	-84.85	-226.27	0.00016
-219.20	-77.78	0.00015	-212.13	-84.85	0.00015
-205.06	-91.92	0.00015	-197.99	-99.00	0.00015
-190.92	-106.07	0.00016	-183.85	-113.14	0.00016
-176.78	-120.21	0.00016	-169.71	-127.28	0.00016
-166.17	-130.81	0.00016	-162.63	-134.35	0.00016
-160.51	-136.47	0.00016	-159.10	-137.89	0.00016
-157.68	-139.30	0.00016	-156.27	-140.71	0.00016
-154.86	-142.13	0.00016	-142.13	-154.86	0.00016
-140.71	-156.27	0.00016	-139.30	-157.68	0.00016
-137.89	-159.10	0.00017	-136.47	-160.51	0.00017
-134.35	-162.63	0.00017	-130.81	-166.17	0.00017
-127.28	-169.71	0.00017	-120.21	-176.78	0.00017
-113.14	-183.85	0.00017	-106.07	-190.92	0.00017
-98.99	-197.99	0.00017	-91.92	-205.06	0.00017
-84.85	-212.13	0.00017	-77.78	-219.20	0.00017
-212.13	-70.71	0.00015	-205.06	-77.78	0.00016
-197.99	-84.85	0.00016	-190.92	-91.92	0.00016
-183.85	-98.99	0.00016	-176.78	-106.07	0.00016
-169.71	-113.14	0.00017	-162.63	-120.21	0.00017
-159.10	-123.74	0.00017	-155.56	-127.28	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00017	-152.03	-130.81	0.00017
-150.61	-132.23	0.00017	-149.20	-133.64	0.00017
-147.79	-135.06	0.00017	-135.06	-147.79	0.00017
-133.64	-149.20	0.00017	-132.23	-150.61	0.00017
-130.81	-152.03	0.00017	-129.40	-153.44	0.00017

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-155.56	0.00017	-123.74	-159.10	0.00017
-120.21	-162.63	0.00017	-113.14	-169.71	0.00018
-106.07	-176.78	0.00018	-98.99	-183.85	0.00018
-91.92	-190.92	0.00018	-84.85	-197.99	0.00018
-77.78	-205.06	0.00018	-70.71	-212.13	0.00018
-205.06	-63.64	0.00016	-197.99	-70.71	0.00016
-190.92	-77.78	0.00017	-183.85	-84.85	0.00017
-176.78	-91.92	0.00017	-169.71	-98.99	0.00017
-162.63	-106.07	0.00017	-155.56	-113.14	0.00018
-152.03	-116.67	0.00018	-148.49	-120.21	0.00018
-146.37	-122.33	0.00018	-144.96	-123.74	0.00018
-143.54	-125.16	0.00018	-142.13	-126.57	0.00018
-140.71	-127.99	0.00018	-127.99	-140.71	0.00018
-126.57	-142.13	0.00018	-125.16	-143.54	0.00018
-123.74	-144.96	0.00018	-122.33	-146.37	0.00018
-120.21	-148.49	0.00018	-116.67	-152.03	0.00018
-113.14	-155.56	0.00018	-106.07	-162.63	0.00018
-98.99	-169.71	0.00018	-91.92	-176.78	0.00018
-84.85	-183.85	0.00019	-77.78	-190.92	0.00019
-70.71	-197.99	0.00019	-63.64	-205.06	0.00019
-197.99	-56.57	0.00017	-190.92	-63.64	0.00017
-183.85	-70.71	0.00017	-176.78	-77.78	0.00018
-169.71	-84.85	0.00018	-162.63	-91.92	0.00018
-155.56	-98.99	0.00018	-148.49	-106.07	0.00019
-144.96	-109.60	0.00019	-141.42	-113.14	0.00019
-139.30	-115.26	0.00019	-137.89	-116.67	0.00019
-136.47	-118.09	0.00019	-135.06	-119.50	0.00019
-133.64	-120.92	0.00019	-120.92	-133.64	0.00019
-119.50	-135.06	0.00019	-118.09	-136.47	0.00019
-116.67	-137.89	0.00019	-115.26	-139.30	0.00019
-113.14	-141.42	0.00019	-109.60	-144.96	0.00019
-106.07	-148.49	0.00019	-98.99	-155.56	0.00019
-91.92	-162.63	0.00019	-84.85	-169.71	0.00019
-77.78	-176.78	0.00019	-70.71	-183.85	0.00019
-63.64	-190.92	0.00020	-56.57	-197.99	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***
 18:13:13
 **MODELOPTs:
 PAGE 26
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

		14NCRA NAPA00-300_DPM_TRAV_ANN_NE-SW Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00017	-183.85	-56.57	0.00018
-176.78	-63.64	0.00018	-169.71	-70.71	0.00019
-162.63	-77.78	0.00019	-155.56	-84.85	0.00019
-148.49	-91.92	0.00019	-141.42	-98.99	0.00019
-137.89	-102.53	0.00020	-134.35	-106.07	0.00020
-132.23	-108.19	0.00020	-130.81	-109.60	0.00020
-129.40	-111.02	0.00020	-127.99	-112.43	0.00020
-126.57	-113.84	0.00020	-113.84	-126.57	0.00020
-112.43	-127.99	0.00020	-111.02	-129.40	0.00020
-109.60	-130.81	0.00020	-108.19	-132.23	0.00020
-106.07	-134.35	0.00020	-102.53	-137.89	0.00020
-98.99	-141.42	0.00020	-91.92	-148.49	0.00020
-84.85	-155.56	0.00020	-77.78	-162.63	0.00020
-70.71	-169.71	0.00020	-63.64	-176.78	0.00021
-56.57	-183.85	0.00021	-49.50	-190.92	0.00021
-183.85	-42.43	0.00018	-176.78	-49.50	0.00019
-169.71	-56.57	0.00019	-162.63	-63.64	0.00019
-155.56	-70.71	0.00020	-148.49	-77.78	0.00020
-141.42	-84.85	0.00020	-134.35	-91.92	0.00021
-130.81	-95.46	0.00021	-127.28	-98.99	0.00021
-125.16	-101.12	0.00021	-123.74	-102.53	0.00021
-122.33	-103.94	0.00021	-120.92	-105.36	0.00021
-119.50	-106.77	0.00021	-106.77	-119.50	0.00021
-105.36	-120.92	0.00021	-103.94	-122.33	0.00021
-102.53	-123.74	0.00021	-101.12	-125.16	0.00021
-98.99	-127.28	0.00021	-95.46	-130.81	0.00021
-91.92	-134.35	0.00021	-84.85	-141.42	0.00021
-77.78	-148.49	0.00022	-70.71	-155.56	0.00022
-63.64	-162.63	0.00022	-56.57	-169.71	0.00022
-49.50	-176.78	0.00022	-42.43	-183.85	0.00022
-176.78	-35.36	0.00019	-169.71	-42.43	0.00020
-162.63	-49.50	0.00020	-155.56	-56.57	0.00020
-148.49	-63.64	0.00021	-141.42	-70.71	0.00021
-134.35	-77.78	0.00021	-127.28	-84.85	0.00022
-123.74	-88.39	0.00022	-120.21	-91.92	0.00022
-118.09	-94.05	0.00022	-116.67	-95.46	0.00022
-115.26	-96.87	0.00022	-113.84	-98.29	0.00022
-112.43	-99.70	0.00022	-99.70	-112.43	0.00022
-98.29	-113.84	0.00022	-96.87	-115.26	0.00022
-95.46	-116.67	0.00022	-94.05	-118.09	0.00022

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

18:13:13

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00022	-88.39	-123.74	0.00023
-84.85	-127.28	0.00023	-77.78	-134.35	0.00023
-70.71	-141.42	0.00023	-63.64	-148.49	0.00023
-56.57	-155.56	0.00023	-49.50	-162.63	0.00023
-42.43	-169.71	0.00023	-35.36	-176.78	0.00023
-169.71	-28.28	0.00020	-162.63	-35.36	0.00021
-155.56	-42.43	0.00021	-148.49	-49.50	0.00022
-141.42	-56.57	0.00022	-134.35	-63.64	0.00022
-127.28	-70.71	0.00023	-120.21	-77.78	0.00023
-116.67	-81.32	0.00023	-113.14	-84.85	0.00023
-111.02	-86.97	0.00023	-109.60	-88.39	0.00023
-108.19	-89.80	0.00023	-106.77	-91.22	0.00023
-105.36	-92.63	0.00023	-92.63	-105.36	0.00024
-91.22	-106.77	0.00024	-89.80	-108.19	0.00024
-88.39	-109.60	0.00024	-86.97	-111.02	0.00024
-84.85	-113.14	0.00024	-81.32	-116.67	0.00024
-77.78	-120.21	0.00024	-70.71	-127.28	0.00024
-63.64	-134.35	0.00024	-56.57	-141.42	0.00024
-49.50	-148.49	0.00024	-42.43	-155.56	0.00024
-35.36	-162.63	0.00024	-28.28	-169.71	0.00024
-162.63	-21.21	0.00021	-155.56	-28.28	0.00022
-148.49	-35.36	0.00022	-141.42	-42.43	0.00023
-134.35	-49.50	0.00023	-127.28	-56.57	0.00024
-120.21	-63.64	0.00024	-113.14	-70.71	0.00024
-109.60	-74.25	0.00024	-106.07	-77.78	0.00024
-103.94	-79.90	0.00025	-102.53	-81.32	0.00025
-101.12	-82.73	0.00025	-99.70	-84.15	0.00025
-98.29	-85.56	0.00025	-85.56	-98.29	0.00025
-84.15	-99.70	0.00025	-82.73	-101.12	0.00025
-81.32	-102.53	0.00025	-79.90	-103.94	0.00025
-77.78	-106.07	0.00025	-74.25	-109.60	0.00025
-70.71	-113.14	0.00025	-63.64	-120.21	0.00025
-56.57	-127.28	0.00026	-49.50	-134.35	0.00026
-42.43	-141.42	0.00026	-35.36	-148.49	0.00026
-28.28	-155.56	0.00026	-21.21	-162.63	0.00026
-155.56	-14.14	0.00022	-148.49	-21.21	0.00023
-141.42	-28.28	0.00023	-134.35	-35.36	0.00024

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-42.43	0.00025	-120.21	-49.50	0.00025
-113.14	-56.57	0.00025	-106.07	-63.64	0.00026
-102.53	-67.18	0.00026	-98.99	-70.71	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00026	-95.46	-74.25	0.00026
-94.05	-75.66	0.00026	-92.63	-77.07	0.00026
-91.22	-78.49	0.00026	-78.49	-91.22	0.00027
-77.07	-92.63	0.00027	-75.66	-94.05	0.00027
-74.25	-95.46	0.00027	-72.83	-96.87	0.00027
-70.71	-98.99	0.00027	-67.18	-102.53	0.00027
-63.64	-106.07	0.00027	-56.57	-113.14	0.00027
-49.50	-120.21	0.00027	-42.43	-127.28	0.00027
-35.36	-134.35	0.00027	-28.28	-141.42	0.00027
-21.21	-148.49	0.00027	-14.14	-155.56	0.00027
-148.49	-7.07	0.00023	-141.42	-14.14	0.00024
-134.35	-21.21	0.00025	-127.28	-28.28	0.00025
-120.21	-35.36	0.00026	-113.14	-42.43	0.00026
-106.07	-49.50	0.00027	-98.99	-56.57	0.00027
-95.46	-60.10	0.00027	-91.92	-63.64	0.00028
-89.80	-65.76	0.00028	-88.39	-67.18	0.00028
-86.97	-68.59	0.00028	-85.56	-70.00	0.00028
-84.15	-71.42	0.00028	-71.42	-84.15	0.00028
-70.00	-85.56	0.00028	-68.59	-86.97	0.00028
-67.18	-88.39	0.00028	-65.76	-89.80	0.00028
-63.64	-91.92	0.00029	-60.10	-95.46	0.00029
-56.57	-98.99	0.00029	-49.50	-106.07	0.00029
-42.43	-113.14	0.00029	-35.36	-120.21	0.00029
-28.28	-127.28	0.00029	-21.21	-134.35	0.00029
-14.14	-141.42	0.00029	-7.07	-148.49	0.00029
-141.42	0.00	0.00024	-134.35	-7.07	0.00025
-127.28	-14.14	0.00026	-120.21	-21.21	0.00027
-113.14	-28.28	0.00028	-106.07	-35.36	0.00028
-98.99	-42.43	0.00029	-91.92	-49.50	0.00029
-88.39	-53.03	0.00029	-84.85	-56.57	0.00029
-82.73	-58.69	0.00030	-81.32	-60.10	0.00030

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-79.90	-61.52	0.00030	-78.49	-62.93	0.00030
-77.07	-64.35	0.00030	-64.35	-77.07	0.00030
-62.93	-78.49	0.00030	-61.52	-79.90	0.00030
-60.10	-81.32	0.00030	-58.69	-82.73	0.00030
-56.57	-84.85	0.00030	-53.03	-88.39	0.00031
-49.50	-91.92	0.00031	-42.43	-98.99	0.00031
-35.36	-106.07	0.00031	-28.28	-113.14	0.00031
-21.21	-120.21	0.00031	-14.14	-127.28	0.00031
-7.07	-134.35	0.00031	0.00	-141.42	0.00030

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 29
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00025	-127.28	0.00	0.00027
-120.21	-7.07	0.00028	-113.14	-14.14	0.00029
-106.07	-21.21	0.00029	-98.99	-28.28	0.00030
-91.92	-35.36	0.00031	-84.85	-42.43	0.00031
-81.32	-45.96	0.00031	-77.78	-49.50	0.00031
-75.66	-51.62	0.00032	-74.25	-53.03	0.00032
-72.83	-54.45	0.00032	-71.42	-55.86	0.00032
-70.00	-57.28	0.00032	-57.28	-70.00	0.00032
-55.86	-71.42	0.00032	-54.45	-72.83	0.00032
-53.03	-74.25	0.00032	-51.62	-75.66	0.00033
-49.50	-77.78	0.00033	-45.96	-81.32	0.00033
-42.43	-84.85	0.00033	-35.36	-91.92	0.00033
-28.28	-98.99	0.00033	-21.21	-106.07	0.00033
-14.14	-113.14	0.00033	-7.07	-120.21	0.00033
0.00	-127.28	0.00033	7.07	-134.35	0.00032
-127.28	14.14	0.00027	-120.21	7.07	0.00028
-113.14	0.00	0.00029	-106.07	-7.07	0.00030
-98.99	-14.14	0.00031	-91.92	-21.21	0.00032
-84.85	-28.28	0.00033	-77.78	-35.36	0.00033
-74.25	-38.89	0.00033	-70.71	-42.43	0.00034
-68.59	-44.55	0.00034	-67.18	-45.96	0.00034
-65.76	-47.38	0.00034	-64.35	-48.79	0.00034
-62.93	-50.20	0.00034	-50.20	-62.93	0.00035
-48.79	-64.35	0.00035	-47.38	-65.76	0.00035
-45.96	-67.18	0.00035	-44.55	-68.59	0.00035

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	-70.71	0.00035	-38.89	-74.25	0.00035
-35.36	-77.78	0.00035	-28.28	-84.85	0.00035
-21.21	-91.92	0.00035	-14.14	-98.99	0.00035
-7.07	-106.07	0.00035	0.00	-113.14	0.00035
7.07	-120.21	0.00035	14.14	-127.28	0.00034
-120.21	21.21	0.00028	-113.14	14.14	0.00030
-106.07	7.07	0.00031	-98.99	0.00	0.00032
-91.92	-7.07	0.00033	-84.85	-14.14	0.00034
-77.78	-21.21	0.00035	-70.71	-28.28	0.00036
-67.18	-31.82	0.00036	-63.64	-35.36	0.00036
-61.52	-37.48	0.00036	-60.10	-38.89	0.00036
-58.69	-40.31	0.00036	-57.28	-41.72	0.00037
-55.86	-43.13	0.00037	-43.13	-55.86	0.00037
-41.72	-57.28	0.00037	-40.31	-58.69	0.00037
-38.89	-60.10	0.00037	-37.48	-61.52	0.00037

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00038	-31.82	-67.18	0.00038
-28.28	-70.71	0.00038	-21.21	-77.78	0.00038
-14.14	-84.85	0.00038	-7.07	-91.92	0.00038
0.00	-98.99	0.00038	7.07	-106.07	0.00038
14.14	-113.14	0.00037	21.21	-120.21	0.00037
-113.14	28.28	0.00029	-106.07	21.21	0.00031
-98.99	14.14	0.00033	-91.92	7.07	0.00034
-84.85	0.00	0.00036	-77.78	-7.07	0.00037
-70.71	-14.14	0.00038	-63.64	-21.21	0.00038
-60.10	-24.75	0.00039	-56.57	-28.28	0.00039
-54.45	-30.41	0.00039	-53.03	-31.82	0.00039
-51.62	-33.23	0.00039	-50.20	-34.65	0.00039
-48.79	-36.06	0.00039	-36.06	-48.79	0.00040
-34.65	-50.20	0.00040	-33.23	-51.62	0.00040
-31.82	-53.03	0.00040	-30.41	-54.45	0.00040
-28.28	-56.57	0.00041	-24.75	-60.10	0.00041
-21.21	-63.64	0.00041	-14.14	-70.71	0.00041
-7.07	-77.78	0.00041	0.00	-84.85	0.00041
7.07	-91.92	0.00041	14.14	-98.99	0.00041

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

21.21	-106.07	0.00040	28.28	-113.14	0.00039
-106.07	35.36	0.00030	-98.99	28.28	0.00033
-91.92	21.21	0.00035	-84.85	14.14	0.00037
-77.78	7.07	0.00038	-70.71	0.00	0.00039
-63.64	-7.07	0.00040	-56.57	-14.14	0.00041
-53.03	-17.68	0.00042	-49.50	-21.21	0.00042
-47.38	-23.33	0.00042	-45.96	-24.75	0.00042
-44.55	-26.16	0.00042	-43.13	-27.58	0.00043
-41.72	-28.99	0.00043	-28.99	-41.72	0.00043
-27.58	-43.13	0.00044	-26.16	-44.55	0.00044
-24.75	-45.96	0.00044	-23.33	-47.38	0.00044
-21.21	-49.50	0.00044	-17.68	-53.03	0.00044
-14.14	-56.57	0.00044	-7.07	-63.64	0.00044
0.00	-70.71	0.00044	7.07	-77.78	0.00044
14.14	-84.85	0.00044	21.21	-91.92	0.00044
28.28	-98.99	0.00043	35.36	-106.07	0.00041
-98.99	42.43	0.00032	-91.92	35.36	0.00034
-84.85	28.28	0.00037	-77.78	21.21	0.00039
-70.71	14.14	0.00041	-63.64	7.07	0.00043
-56.57	0.00	0.00044	-49.50	-7.07	0.00045
-45.96	-10.61	0.00045	-42.43	-14.14	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:

PAGE 31

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00046	-38.89	-17.68	0.00046
-37.48	-19.09	0.00046	-36.06	-20.51	0.00046
-34.65	-21.92	0.00046	-21.92	-34.65	0.00047
-20.51	-36.06	0.00047	-19.09	-37.48	0.00047
-17.68	-38.89	0.00047	-16.26	-40.31	0.00048
-14.14	-42.43	0.00048	-10.61	-45.96	0.00048
-7.07	-49.50	0.00048	0.00	-56.57	0.00048
7.07	-63.64	0.00048	14.14	-70.71	0.00048
21.21	-77.78	0.00048	28.28	-84.85	0.00047
35.36	-91.92	0.00046	42.43	-98.99	0.00044
-91.92	49.50	0.00033	-84.85	42.43	0.00036
-77.78	35.36	0.00039	-70.71	28.28	0.00042
-63.64	21.21	0.00044	-56.57	14.14	0.00046

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-49.50	7.07	0.00047	-42.43	0.00	0.00049
-38.89	-3.54	0.00049	-35.36	-7.07	0.00050
-33.23	-9.19	0.00050	-31.82	-10.61	0.00050
-30.41	-12.02	0.00050	-28.99	-13.44	0.00050
-27.58	-14.85	0.00050	-14.85	-27.58	0.00051
-13.44	-28.99	0.00052	-12.02	-30.41	0.00052
-10.61	-31.82	0.00052	-9.19	-33.23	0.00052
-7.07	-35.36	0.00052	-3.54	-38.89	0.00052
0.00	-42.43	0.00052	7.07	-49.50	0.00052
14.14	-56.57	0.00053	21.21	-63.64	0.00052
28.28	-70.71	0.00052	35.36	-77.78	0.00051
42.43	-84.85	0.00049	49.50	-91.92	0.00047
-84.85	56.57	0.00035	-77.78	49.50	0.00038
-70.71	42.43	0.00042	-63.64	35.36	0.00045
-56.57	28.28	0.00048	-49.50	21.21	0.00050
-42.43	14.14	0.00052	-35.36	7.07	0.00053
-31.82	3.54	0.00054	-28.28	0.00	0.00054
-26.16	-2.12	0.00054	-24.75	-3.54	0.00055
-23.33	-4.95	0.00055	-21.92	-6.36	0.00055
-20.51	-7.78	0.00055	-7.78	-20.51	0.00056
-6.36	-21.92	0.00056	-4.95	-23.33	0.00057
-3.54	-24.75	0.00057	-2.12	-26.16	0.00057
0.00	-28.28	0.00057	3.54	-31.82	0.00057
7.07	-35.36	0.00057	14.14	-42.43	0.00057
21.21	-49.50	0.00058	28.28	-56.57	0.00057
35.36	-63.64	0.00056	42.43	-70.71	0.00055
49.50	-77.78	0.00052	56.57	-84.85	0.00049

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00036	-70.71	56.57	0.00040
-63.64	49.50	0.00044	-56.57	42.43	0.00048
-49.50	35.36	0.00051	-42.43	28.28	0.00054
-35.36	21.21	0.00056	-28.28	14.14	0.00058
-24.75	10.61	0.00059	-21.21	7.07	0.00059
-19.09	4.95	0.00060	-17.68	3.54	0.00060
-16.26	2.12	0.00060	-14.85	0.71	0.00060

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-13.44	-0.71	0.00061	-0.71	-13.44	0.00062
0.71	-14.85	0.00062	2.12	-16.26	0.00062
3.54	-17.68	0.00062	4.95	-19.09	0.00062
7.07	-21.21	0.00063	10.61	-24.75	0.00063
14.14	-28.28	0.00063	21.21	-35.36	0.00063
28.28	-42.43	0.00063	35.36	-49.50	0.00063
42.43	-56.57	0.00061	49.50	-63.64	0.00059
56.57	-70.71	0.00056	63.64	-77.78	0.00052
-70.71	70.71	0.00038	-63.64	63.64	0.00042
-56.57	56.57	0.00046	-49.50	49.50	0.00051
-42.43	42.43	0.00055	-35.36	35.36	0.00059
-28.28	28.28	0.00062	-21.21	21.21	0.00064
-17.68	17.68	0.00065	-14.14	14.14	0.00065
-12.02	12.02	0.00066	-10.61	10.61	0.00066
-9.19	9.19	0.00066	-7.78	7.78	0.00067
-6.36	6.36	0.00067	6.36	-6.36	0.00069
7.78	-7.78	0.00069	9.19	-9.19	0.00069
10.61	-10.61	0.00069	12.02	-12.02	0.00069
14.14	-14.14	0.00069	17.68	-17.68	0.00069
21.21	-21.21	0.00070	28.28	-28.28	0.00070
35.36	-35.36	0.00070	42.43	-42.43	0.00069
49.50	-49.50	0.00067	56.57	-56.57	0.00064
63.64	-63.64	0.00060	70.71	-70.71	0.00055
-63.64	77.78	0.00039	-56.57	70.71	0.00044
-49.50	63.64	0.00049	-42.43	56.57	0.00054
-35.36	49.50	0.00060	-28.28	42.43	0.00064
-21.21	35.36	0.00068	-14.14	28.28	0.00070
-10.61	24.75	0.00072	-7.07	21.21	0.00072
-4.95	19.09	0.00073	-3.54	17.68	0.00073
-2.12	16.26	0.00074	-0.71	14.85	0.00074
0.71	13.44	0.00074	13.44	0.71	0.00076
14.85	-0.71	0.00076	16.26	-2.12	0.00077
17.68	-3.54	0.00077	19.09	-4.95	0.00077

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 33
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00077	24.75	-10.61	0.00077

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

28.28	-14.14	0.00077	35.36	-21.21	0.00078
42.43	-28.28	0.00077	49.50	-35.36	0.00076
56.57	-42.43	0.00073	63.64	-49.50	0.00068
70.71	-56.57	0.00063	77.78	-63.64	0.00058
-56.57	84.85	0.00041	-49.50	77.78	0.00046
-42.43	70.71	0.00051	-35.36	63.64	0.00058
-28.28	56.57	0.00064	-21.21	49.50	0.00070
-14.14	42.43	0.00075	-7.07	35.36	0.00078
-3.54	31.82	0.00079	0.00	28.28	0.00081
2.12	26.16	0.00081	3.54	24.75	0.00082
4.95	23.33	0.00082	6.36	21.92	0.00082
7.78	20.51	0.00083	20.51	7.78	0.00085
21.92	6.36	0.00085	23.33	4.95	0.00086
24.75	3.54	0.00086	26.16	2.12	0.00086
28.28	0.00	0.00086	31.82	-3.54	0.00086
35.36	-7.07	0.00087	42.43	-14.14	0.00087
49.50	-21.21	0.00086	56.57	-28.28	0.00083
63.64	-35.36	0.00079	70.71	-42.43	0.00073
77.78	-49.50	0.00067	84.85	-56.57	0.00061
-49.50	91.92	0.00042	-42.43	84.85	0.00048
-35.36	77.78	0.00054	-28.28	70.71	0.00061
-21.21	63.64	0.00069	-14.14	56.57	0.00076
-7.07	49.50	0.00083	0.00	42.43	0.00087
3.54	38.89	0.00089	7.07	35.36	0.00090
9.19	33.23	0.00091	10.61	31.82	0.00092
12.02	30.41	0.00092	13.44	28.99	0.00093
14.85	27.58	0.00093	27.58	14.85	0.00096
28.99	13.44	0.00096	30.41	12.02	0.00096
31.82	10.61	0.00097	33.23	9.19	0.00097
35.36	7.07	0.00097	38.89	3.54	0.00097
42.43	0.00	0.00098	49.50	-7.07	0.00098
56.57	-14.14	0.00096	63.64	-21.21	0.00092
70.71	-28.28	0.00086	77.78	-35.36	0.00079
84.85	-42.43	0.00071	91.92	-49.50	0.00064
-42.43	98.99	0.00043	-35.36	91.92	0.00049
-28.28	84.85	0.00057	-21.21	77.78	0.00065
-14.14	70.71	0.00074	-7.07	63.64	0.00083
0.00	56.57	0.00091	7.07	49.50	0.00098
10.61	45.96	0.00100	14.14	42.43	0.00102

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

18:13:13

**MODELOPTs:

PAGE 34

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00103	17.68	38.89	0.00104
19.09	37.48	0.00104	20.51	36.06	0.00105
21.92	34.65	0.00105	34.65	21.92	0.00109
36.06	20.51	0.00109	37.48	19.09	0.00109
38.89	17.68	0.00110	40.31	16.26	0.00110
42.43	14.14	0.00110	45.96	10.61	0.00111
49.50	7.07	0.00111	56.57	0.00	0.00110
63.64	-7.07	0.00107	70.71	-14.14	0.00101
77.78	-21.21	0.00093	84.85	-28.28	0.00084
91.92	-35.36	0.00075	98.99	-42.43	0.00066
-35.36	106.07	0.00043	-28.28	98.99	0.00051
-21.21	91.92	0.00059	-14.14	84.85	0.00069
-7.07	77.78	0.00079	0.00	70.71	0.00090
7.07	63.64	0.00101	14.14	56.57	0.00110
17.68	53.03	0.00113	21.21	49.50	0.00116
23.33	47.38	0.00117	24.75	45.96	0.00118
26.16	44.55	0.00119	27.58	43.13	0.00119
28.99	41.72	0.00120	41.72	28.99	0.00124
43.13	27.58	0.00125	44.55	26.16	0.00125
45.96	24.75	0.00125	47.38	23.33	0.00126
49.50	21.21	0.00126	53.03	17.68	0.00127
56.57	14.14	0.00127	63.64	7.07	0.00125
70.71	0.00	0.00119	77.78	-7.07	0.00110
84.85	-14.14	0.00100	91.92	-21.21	0.00089
98.99	-28.28	0.00078	106.07	-35.36	0.00068
-28.28	113.14	0.00044	-21.21	106.07	0.00051
-14.14	98.99	0.00061	-7.07	91.92	0.00072
0.00	84.85	0.00084	7.07	77.78	0.00098
14.14	70.71	0.00112	21.21	63.64	0.00124
24.75	60.10	0.00128	28.28	56.57	0.00132
30.41	54.45	0.00134	31.82	53.03	0.00135
33.23	51.62	0.00136	34.65	50.20	0.00137
36.06	48.79	0.00138	48.79	36.06	0.00144
50.20	34.65	0.00144	51.62	33.23	0.00145
53.03	31.82	0.00145	54.45	30.41	0.00145
56.57	28.28	0.00146	60.10	24.75	0.00146
63.64	21.21	0.00146	70.71	14.14	0.00142
77.78	7.07	0.00133	84.85	0.00	0.00121
91.92	-7.07	0.00107	98.99	-14.14	0.00093

106.07 -21.21 0.00081 113.14 -28.28 0.00070

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:
PAGE 35

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00044	-14.14	113.14	0.00052
-7.07	106.07	0.00062	0.00	98.99	0.00074
7.07	91.92	0.00089	14.14	84.85	0.00105
21.21	77.78	0.00123	28.28	70.71	0.00140
31.82	67.18	0.00147	35.36	63.64	0.00152
37.48	61.52	0.00155	38.89	60.10	0.00156
40.31	58.69	0.00158	41.72	57.28	0.00159
43.13	55.86	0.00160	55.86	43.13	0.00167
57.28	41.72	0.00168	58.69	40.31	0.00169
60.10	38.89	0.00169	61.52	37.48	0.00170
63.64	35.36	0.00170	67.18	31.82	0.00171
70.71	28.28	0.00169	77.78	21.21	0.00161
84.85	14.14	0.00147	91.92	7.07	0.00130
98.99	0.00	0.00113	106.07	-7.07	0.00097
113.14	-14.14	0.00083	120.21	-21.21	0.00071
-14.14	127.28	0.00044	-7.07	120.21	0.00052
0.00	113.14	0.00062	7.07	106.07	0.00076
14.14	98.99	0.00092	21.21	91.92	0.00112
28.28	84.85	0.00134	35.36	77.78	0.00157
38.89	74.25	0.00167	42.43	70.71	0.00175
44.55	68.59	0.00179	45.96	67.18	0.00182
47.38	65.76	0.00184	48.79	64.35	0.00185
50.20	62.93	0.00187	62.93	50.20	0.00197
64.35	48.79	0.00198	65.76	47.38	0.00199
67.18	45.96	0.00200	68.59	44.55	0.00200
70.71	42.43	0.00201	74.25	38.89	0.00200
77.78	35.36	0.00197	84.85	28.28	0.00182
91.92	21.21	0.00162	98.99	14.14	0.00139
106.07	7.07	0.00118	113.14	0.00	0.00100
120.21	-7.07	0.00084	127.28	-14.14	0.00071
-7.07	134.35	0.00043	0.00	127.28	0.00052
7.07	120.21	0.00063	14.14	113.14	0.00077
21.21	106.07	0.00095	28.28	98.99	0.00118

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

35.36	91.92	0.00145	42.43	84.85	0.00175
45.96	81.32	0.00189	49.50	77.78	0.00203
51.62	75.66	0.00209	53.03	74.25	0.00212
54.45	72.83	0.00216	55.86	71.42	0.00218
57.28	70.00	0.00221	70.00	57.28	0.00235
71.42	55.86	0.00236	72.83	54.45	0.00237
74.25	53.03	0.00238	75.66	51.62	0.00239

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00239	81.32	45.96	0.00235
84.85	42.43	0.00228	91.92	35.36	0.00204
98.99	28.28	0.00175	106.07	21.21	0.00146
113.14	14.14	0.00122	120.21	7.07	0.00101
127.28	0.00	0.00085	134.35	-7.07	0.00071
0.00	141.42	0.00043	7.07	134.35	0.00052
14.14	127.28	0.00063	21.21	120.21	0.00077
28.28	113.14	0.00096	35.36	106.07	0.00121
42.43	98.99	0.00153	49.50	91.92	0.00192
53.03	88.39	0.00212	56.57	84.85	0.00232
58.69	82.73	0.00242	60.10	81.32	0.00248
61.52	79.90	0.00254	62.93	78.49	0.00258
64.35	77.07	0.00262	77.07	64.35	0.00283
78.49	62.93	0.00285	79.90	61.52	0.00286
81.32	60.10	0.00287	82.73	58.69	0.00287
84.85	56.57	0.00284	88.39	53.03	0.00275
91.92	49.50	0.00260	98.99	42.43	0.00223
106.07	35.36	0.00185	113.14	28.28	0.00151
120.21	21.21	0.00124	127.28	14.14	0.00102
134.35	7.07	0.00084	141.42	0.00	0.00070
7.07	148.49	0.00043	14.14	141.42	0.00052
21.21	134.35	0.00063	28.28	127.28	0.00077
35.36	120.21	0.00097	42.43	113.14	0.00123
49.50	106.07	0.00158	56.57	98.99	0.00205
60.10	95.46	0.00232	63.64	91.92	0.00260
65.76	89.80	0.00276	67.18	88.39	0.00286
68.59	86.97	0.00296	70.00	85.56	0.00304

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

71.42	84.15	0.00311	84.15	71.42	0.00346
85.56	70.00	0.00347	86.97	68.59	0.00348
88.39	67.18	0.00346	89.80	65.76	0.00343
91.92	63.64	0.00334	95.46	60.10	0.00314
98.99	56.57	0.00289	106.07	49.50	0.00237
113.14	42.43	0.00191	120.21	35.36	0.00153
127.28	28.28	0.00124	134.35	21.21	0.00100
141.42	14.14	0.00082	148.49	7.07	0.00068
14.14	155.56	0.00043	21.21	148.49	0.00052
28.28	141.42	0.00063	35.36	134.35	0.00078
42.43	127.28	0.00097	49.50	120.21	0.00124
56.57	113.14	0.00161	63.64	106.07	0.00212
67.18	102.53	0.00244	70.71	98.99	0.00280

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 37

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00304	74.25	95.46	0.00321
75.66	94.05	0.00337	77.07	92.63	0.00353
78.49	91.22	0.00367	91.22	78.49	0.00427
92.63	77.07	0.00425	94.05	75.66	0.00418
95.46	74.25	0.00409	96.87	72.83	0.00398
98.99	70.71	0.00379	102.53	67.18	0.00344
106.07	63.64	0.00309	113.14	56.57	0.00245
120.21	49.50	0.00193	127.28	42.43	0.00153
134.35	35.36	0.00121	141.42	28.28	0.00098
148.49	21.21	0.00079	155.56	14.14	0.00065
21.21	162.63	0.00045	28.28	155.56	0.00053
35.36	148.49	0.00064	42.43	141.42	0.00078
49.50	134.35	0.00098	56.57	127.28	0.00125
63.64	120.21	0.00163	70.71	113.14	0.00216
74.25	109.60	0.00251	77.78	106.07	0.00291
79.90	103.94	0.00319	81.32	102.53	0.00340
82.73	101.12	0.00362	84.15	99.70	0.00389
85.56	98.29	0.00418	98.29	85.56	0.00516
99.70	84.15	0.00495	101.12	82.73	0.00474
102.53	81.32	0.00453	103.94	79.90	0.00434
106.07	77.78	0.00405	109.60	74.25	0.00359

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

113.14	70.71	0.00317	120.21	63.64	0.00246
127.28	56.57	0.00190	134.35	49.50	0.00148
141.42	42.43	0.00116	148.49	35.36	0.00093
155.56	28.28	0.00075	162.63	21.21	0.00062
28.28	169.71	0.00047	35.36	162.63	0.00055
42.43	155.56	0.00066	49.50	148.49	0.00081
56.57	141.42	0.00101	63.64	134.35	0.00130
70.71	127.28	0.00170	77.78	120.21	0.00228
81.32	116.67	0.00267	84.85	113.14	0.00315
86.97	111.02	0.00350	88.39	109.60	0.00378
89.80	108.19	0.00411	91.22	106.77	0.00454
92.63	105.36	0.00511	105.36	92.63	0.00548
106.77	91.22	0.00516	108.19	89.80	0.00489
109.60	88.39	0.00464	111.02	86.97	0.00441
113.14	84.85	0.00408	116.67	81.32	0.00358
120.21	77.78	0.00312	127.28	70.71	0.00237
134.35	63.64	0.00181	141.42	56.57	0.00139
148.49	49.50	0.00109	155.56	42.43	0.00086
162.63	35.36	0.00070	169.71	28.28	0.00058

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00050	42.43	169.71	0.00059
49.50	162.63	0.00071	56.57	155.56	0.00087
63.64	148.49	0.00109	70.71	141.42	0.00142
77.78	134.35	0.00192	84.85	127.28	0.00274
88.39	123.74	0.00338	91.92	120.21	0.00424
94.05	118.09	0.00488	95.46	116.67	0.00536
96.87	115.26	0.00588	98.29	113.84	0.00645
99.70	112.43	0.00710	112.43	99.70	0.00563
113.84	98.29	0.00523	115.26	96.87	0.00490
116.67	95.46	0.00462	118.09	94.05	0.00436
120.21	91.92	0.00400	123.74	88.39	0.00347
127.28	84.85	0.00300	134.35	77.78	0.00224
141.42	70.71	0.00169	148.49	63.64	0.00129
155.56	56.57	0.00101	162.63	49.50	0.00080
169.71	42.43	0.00065	176.78	35.36	0.00054

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

42.43	183.85	0.00055	49.50	176.78	0.00065
56.57	169.71	0.00079	63.64	162.63	0.00098
70.71	155.56	0.00126	77.78	148.49	0.00169
84.85	141.42	0.00240	91.92	134.35	0.00357
95.46	130.81	0.00437	98.99	127.28	0.00531
101.12	125.16	0.00595	102.53	123.74	0.00641
103.94	122.33	0.00689	105.36	120.92	0.00740
106.77	119.50	0.00799	119.50	106.77	0.00575
120.92	105.36	0.00528	122.33	103.94	0.00490
123.74	102.53	0.00457	125.16	101.12	0.00427
127.28	98.99	0.00387	130.81	95.46	0.00329
134.35	91.92	0.00281	141.42	84.85	0.00206
148.49	77.78	0.00154	155.56	70.71	0.00117
162.63	63.64	0.00092	169.71	56.57	0.00073
176.78	49.50	0.00060	183.85	42.43	0.00050
49.50	190.92	0.00062	56.57	183.85	0.00075
63.64	176.78	0.00092	70.71	169.71	0.00117
77.78	162.63	0.00153	84.85	155.56	0.00210
91.92	148.49	0.00298	98.99	141.42	0.00421
102.53	137.89	0.00497	106.07	134.35	0.00586
108.19	132.23	0.00646	109.60	130.81	0.00688
111.02	129.40	0.00733	112.43	127.99	0.00781
113.84	126.57	0.00835	126.57	113.84	0.00572
127.99	112.43	0.00522	129.40	111.02	0.00480
130.81	109.60	0.00444	132.23	108.19	0.00411

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00368	137.89	102.53	0.00306
141.42	98.99	0.00256	148.49	91.92	0.00184
155.56	84.85	0.00137	162.63	77.78	0.00105
169.71	70.71	0.00083	176.78	63.64	0.00067
183.85	56.57	0.00055	190.92	49.50	0.00045
56.57	197.99	0.00071	63.64	190.92	0.00088
70.71	183.85	0.00110	77.78	176.78	0.00142
84.85	169.71	0.00188	91.92	162.63	0.00253
98.99	155.56	0.00341	106.07	148.49	0.00456

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

109.60	144.96	0.00526	113.14	141.42	0.00608
115.26	139.30	0.00662	116.67	137.89	0.00701
118.09	136.47	0.00744	119.50	135.06	0.00789
120.92	133.64	0.00840	133.64	120.92	0.00552
135.06	119.50	0.00500	136.47	118.09	0.00456
137.89	116.67	0.00417	139.30	115.26	0.00383
141.42	113.14	0.00338	144.96	109.60	0.00275
148.49	106.07	0.00227	155.56	98.99	0.00160
162.63	91.92	0.00119	169.71	84.85	0.00092
176.78	77.78	0.00073	183.85	70.71	0.00060
190.92	63.64	0.00049	197.99	56.57	0.00041
63.64	205.06	0.00084	70.71	197.99	0.00104
77.78	190.92	0.00132	84.85	183.85	0.00170
91.92	176.78	0.00221	98.99	169.71	0.00287
106.07	162.63	0.00369	113.14	155.56	0.00473
116.67	152.03	0.00537	120.21	148.49	0.00609
122.33	146.37	0.00658	123.74	144.96	0.00693
125.16	143.54	0.00732	126.57	142.13	0.00774
127.99	140.71	0.00822	140.71	127.99	0.00515
142.13	126.57	0.00460	143.54	125.16	0.00415
144.96	123.74	0.00375	146.37	122.33	0.00341
148.49	120.21	0.00296	152.03	116.67	0.00237
155.56	113.14	0.00194	162.63	106.07	0.00137
169.71	98.99	0.00103	176.78	91.92	0.00080
183.85	84.85	0.00064	190.92	77.78	0.00053
197.99	70.71	0.00044	205.06	63.64	0.00037
70.71	212.13	0.00098	77.78	205.06	0.00122
84.85	197.99	0.00154	91.92	190.92	0.00195
98.99	183.85	0.00247	106.07	176.78	0.00310
113.14	169.71	0.00388	120.21	162.63	0.00482
123.74	159.10	0.00536	127.28	155.56	0.00599

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00641	130.81	152.03	0.00671
132.23	150.61	0.00704	133.64	149.20	0.00742
135.06	147.79	0.00786	147.79	135.06	0.00457

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

149.20	133.64	0.00401	150.61	132.23	0.00356
152.03	130.81	0.00318	153.44	129.40	0.00285
155.56	127.28	0.00245	159.10	123.74	0.00196
162.63	120.21	0.00161	169.71	113.14	0.00116
176.78	106.07	0.00088	183.85	98.99	0.00069
190.92	91.92	0.00056	197.99	84.85	0.00047
205.06	77.78	0.00039	212.13	70.71	0.00034
77.78	219.20	0.00113	84.85	212.13	0.00139
91.92	205.06	0.00173	98.99	197.99	0.00214
106.07	190.92	0.00265	113.14	183.85	0.00326
120.21	176.78	0.00399	127.28	169.71	0.00486
130.81	166.17	0.00535	134.35	162.63	0.00588
136.47	160.51	0.00621	137.89	159.10	0.00644
139.30	157.68	0.00670	140.71	156.27	0.00700
142.13	154.86	0.00736	154.86	142.13	0.00374
156.27	140.71	0.00322	157.68	139.30	0.00282
159.10	137.89	0.00251	160.51	136.47	0.00226
162.63	134.35	0.00196	166.17	130.81	0.00160
169.71	127.28	0.00134	176.78	120.21	0.00098
183.85	113.14	0.00076	190.92	106.07	0.00061
197.99	98.99	0.00049	205.06	91.92	0.00041
212.13	84.85	0.00035	219.20	77.78	0.00030
84.85	226.27	0.00126	91.92	219.20	0.00153
98.99	212.13	0.00187	106.07	205.06	0.00227
113.14	197.99	0.00276	120.21	190.92	0.00334
127.28	183.85	0.00405	134.35	176.78	0.00486
137.89	173.24	0.00531	141.42	169.71	0.00577
143.54	167.58	0.00605	144.96	166.17	0.00624
146.37	164.76	0.00644	147.79	163.34	0.00664
149.20	161.93	0.00687	161.93	149.20	0.00279
163.34	147.79	0.00245	164.76	146.37	0.00219
166.17	144.96	0.00198	167.58	143.54	0.00182
169.71	141.42	0.00161	173.24	137.89	0.00134
176.78	134.35	0.00114	183.85	127.28	0.00086
190.92	120.21	0.00067	197.99	113.14	0.00054
205.06	106.07	0.00045	212.13	98.99	0.00038
219.20	91.92	0.00032	226.27	84.85	0.00028

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
91.92	233.35	0.00136	98.99	226.27	0.00164	
106.07	219.20	0.00196	113.14	212.13	0.00234	
120.21	205.06	0.00280	127.28	197.99	0.00335	
134.35	190.92	0.00400	141.42	183.85	0.00472	
144.96	180.31	0.00511	148.49	176.78	0.00548	
150.61	174.66	0.00568	152.03	173.24	0.00580	
153.44	171.83	0.00588	154.86	170.41	0.00591	
156.27	169.00	0.00585	169.00	156.27	0.00235	
170.41	154.86	0.00211	171.83	153.44	0.00191	
173.24	152.03	0.00175	174.66	150.61	0.00161	
176.78	148.49	0.00143	180.31	144.96	0.00120	
183.85	141.42	0.00103	190.92	134.35	0.00078	
197.99	127.28	0.00062	205.06	120.21	0.00050	
212.13	113.14	0.00041	219.20	106.07	0.00035	
226.27	98.99	0.00030	233.35	91.92	0.00026	
98.99	240.42	0.00144	106.07	233.35	0.00169	
113.14	226.27	0.00200	120.21	219.20	0.00235	
127.28	212.13	0.00276	134.35	205.06	0.00324	
141.42	197.99	0.00374	148.49	190.92	0.00419	
152.03	187.38	0.00430	155.56	183.85	0.00428	
157.68	181.73	0.00419	159.10	180.31	0.00410	
160.51	178.90	0.00399	161.93	177.48	0.00386	
163.34	176.07	0.00371	176.07	163.34	0.00200	
177.48	161.93	0.00185	178.90	160.51	0.00171	
180.31	159.10	0.00158	181.73	157.68	0.00146	
183.85	155.56	0.00131	187.38	152.03	0.00110	
190.92	148.49	0.00094	197.99	141.42	0.00072	
205.06	134.35	0.00057	212.13	127.28	0.00046	
219.20	120.21	0.00038	226.27	113.14	0.00032	
233.35	106.07	0.00028	240.42	98.99	0.00024	
106.07	247.49	0.00147	113.14	240.42	0.00171	
120.21	233.35	0.00198	127.28	226.27	0.00228	
134.35	219.20	0.00261	141.42	212.13	0.00295	
148.49	205.06	0.00319	155.56	197.99	0.00323	
159.10	194.45	0.00315	162.63	190.92	0.00303	
164.76	188.80	0.00293	166.17	187.38	0.00286	
167.58	185.97	0.00278	169.00	184.55	0.00269	
170.41	183.14	0.00260	183.14	170.41	0.00164	
184.55	169.00	0.00154	185.97	167.58	0.00145	
187.38	166.17	0.00136	188.80	164.76	0.00128	

04/20/08

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00117	194.45	159.10	0.00101
197.99	155.56	0.00087	205.06	148.49	0.00067
212.13	141.42	0.00053	219.20	134.35	0.00043
226.27	127.28	0.00035	233.35	120.21	0.00030
240.42	113.14	0.00026	247.49	106.07	0.00022

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00018	-240.42	-113.14	0.00019
-233.35	-120.21	0.00019	-226.27	-127.28	0.00019
-219.20	-134.35	0.00020	-212.13	-141.42	0.00020
-205.06	-148.49	0.00020	-197.99	-155.56	0.00021
-194.45	-159.10	0.00021	-190.92	-162.63	0.00021
-188.80	-164.76	0.00021	-187.38	-166.17	0.00021
-185.97	-167.58	0.00021	-184.55	-169.00	0.00021
-183.14	-170.41	0.00021	-170.41	-183.14	0.00021
-169.00	-184.55	0.00021	-167.58	-185.97	0.00021
-166.17	-187.38	0.00021	-164.76	-188.80	0.00021
-162.63	-190.92	0.00021	-159.10	-194.45	0.00021
-155.56	-197.99	0.00021	-148.49	-205.06	0.00021
-141.42	-212.13	0.00022	-134.35	-219.20	0.00022
-127.28	-226.27	0.00022	-120.21	-233.35	0.00022
-113.14	-240.42	0.00022	-106.07	-247.49	0.00022
-240.42	-98.99	0.00019	-233.35	-106.07	0.00020
-226.27	-113.14	0.00020	-219.20	-120.21	0.00020
-212.13	-127.28	0.00021	-205.06	-134.35	0.00021
-197.99	-141.42	0.00021	-190.92	-148.49	0.00022
-187.38	-152.03	0.00022	-183.85	-155.56	0.00022

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-181.73	-157.68	0.00022	-180.31	-159.10	0.00022
-178.90	-160.51	0.00022	-177.48	-161.93	0.00022
-176.07	-163.34	0.00022	-163.34	-176.07	0.00022
-161.93	-177.48	0.00022	-160.51	-178.90	0.00022
-159.10	-180.31	0.00022	-157.68	-181.73	0.00022
-155.56	-183.85	0.00022	-152.03	-187.38	0.00023
-148.49	-190.92	0.00023	-141.42	-197.99	0.00023
-134.35	-205.06	0.00023	-127.28	-212.13	0.00023
-120.21	-219.20	0.00023	-113.14	-226.27	0.00023
-106.07	-233.35	0.00023	-98.99	-240.42	0.00023
-233.35	-91.92	0.00020	-226.27	-99.00	0.00021
-219.20	-106.07	0.00021	-212.13	-113.14	0.00022
-205.06	-120.21	0.00022	-197.99	-127.28	0.00022
-190.92	-134.35	0.00023	-183.85	-141.42	0.00023
-180.31	-144.96	0.00023	-176.78	-148.49	0.00023
-174.66	-150.61	0.00023	-173.24	-152.03	0.00023
-171.83	-153.44	0.00023	-170.41	-154.86	0.00023
-169.00	-156.27	0.00023	-156.27	-169.00	0.00024
-154.86	-170.41	0.00024	-153.44	-171.83	0.00024
-152.03	-173.24	0.00024	-150.61	-174.66	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00024	-144.96	-180.31	0.00024
-141.42	-183.85	0.00024	-134.35	-190.92	0.00024
-127.28	-197.99	0.00024	-120.21	-205.06	0.00024
-113.14	-212.13	0.00024	-106.07	-219.20	0.00024
-98.99	-226.27	0.00024	-91.92	-233.35	0.00024
-226.27	-84.85	0.00021	-219.20	-91.92	0.00022
-212.13	-99.00	0.00022	-205.06	-106.07	0.00023
-197.99	-113.14	0.00023	-190.92	-120.21	0.00024
-183.85	-127.28	0.00024	-176.78	-134.35	0.00024
-173.24	-137.89	0.00024	-169.71	-141.42	0.00024
-167.58	-143.54	0.00025	-166.17	-144.96	0.00025
-164.76	-146.37	0.00025	-163.34	-147.79	0.00025
-161.93	-149.20	0.00025	-149.20	-161.93	0.00025
-147.79	-163.34	0.00025	-146.37	-164.76	0.00025

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-144.96	-166.17	0.00025	-143.54	-167.58	0.00025
-141.42	-169.71	0.00025	-137.89	-173.24	0.00025
-134.35	-176.78	0.00025	-127.28	-183.85	0.00025
-120.21	-190.92	0.00026	-113.14	-197.99	0.00026
-106.07	-205.06	0.00026	-98.99	-212.13	0.00026
-91.92	-219.20	0.00026	-84.85	-226.27	0.00026
-219.20	-77.78	0.00022	-212.13	-84.85	0.00023
-205.06	-91.92	0.00023	-197.99	-99.00	0.00024
-190.92	-106.07	0.00025	-183.85	-113.14	0.00025
-176.78	-120.21	0.00025	-169.71	-127.28	0.00026
-166.17	-130.81	0.00026	-162.63	-134.35	0.00026
-160.51	-136.47	0.00026	-159.10	-137.89	0.00026
-157.68	-139.30	0.00026	-156.27	-140.71	0.00026
-154.86	-142.13	0.00026	-142.13	-154.86	0.00027
-140.71	-156.27	0.00027	-139.30	-157.68	0.00027
-137.89	-159.10	0.00027	-136.47	-160.51	0.00027
-134.35	-162.63	0.00027	-130.81	-166.17	0.00027
-127.28	-169.71	0.00027	-120.21	-176.78	0.00027
-113.14	-183.85	0.00027	-106.07	-190.92	0.00027
-98.99	-197.99	0.00027	-91.92	-205.06	0.00027
-84.85	-212.13	0.00027	-77.78	-219.20	0.00027
-212.13	-70.71	0.00023	-205.06	-77.78	0.00024
-197.99	-84.85	0.00025	-190.92	-91.92	0.00025
-183.85	-98.99	0.00026	-176.78	-106.07	0.00026
-169.71	-113.14	0.00027	-162.63	-120.21	0.00027
-159.10	-123.74	0.00027	-155.56	-127.28	0.00028

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00028	-152.03	-130.81	0.00028
-150.61	-132.23	0.00028	-149.20	-133.64	0.00028
-147.79	-135.06	0.00028	-135.06	-147.79	0.00028
-133.64	-149.20	0.00028	-132.23	-150.61	0.00028
-130.81	-152.03	0.00028	-129.40	-153.44	0.00028
-127.28	-155.56	0.00029	-123.74	-159.10	0.00029
-120.21	-162.63	0.00029	-113.14	-169.71	0.00029
-106.07	-176.78	0.00029	-98.99	-183.85	0.00029

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-91.92	-190.92	0.00029	-84.85	-197.99	0.00029
-77.78	-205.06	0.00029	-70.71	-212.13	0.00029
-205.06	-63.64	0.00024	-197.99	-70.71	0.00025
-190.92	-77.78	0.00026	-183.85	-84.85	0.00027
-176.78	-91.92	0.00028	-169.71	-98.99	0.00028
-162.63	-106.07	0.00029	-155.56	-113.14	0.00029
-152.03	-116.67	0.00029	-148.49	-120.21	0.00029
-146.37	-122.33	0.00030	-144.96	-123.74	0.00030
-143.54	-125.16	0.00030	-142.13	-126.57	0.00030
-140.71	-127.99	0.00030	-127.99	-140.71	0.00030
-126.57	-142.13	0.00030	-125.16	-143.54	0.00030
-123.74	-144.96	0.00030	-122.33	-146.37	0.00030
-120.21	-148.49	0.00030	-116.67	-152.03	0.00031
-113.14	-155.56	0.00031	-106.07	-162.63	0.00031
-98.99	-169.71	0.00031	-91.92	-176.78	0.00031
-84.85	-183.85	0.00031	-77.78	-190.92	0.00031
-70.71	-197.99	0.00031	-63.64	-205.06	0.00030
-197.99	-56.57	0.00025	-190.92	-63.64	0.00027
-183.85	-70.71	0.00028	-176.78	-77.78	0.00029
-169.71	-84.85	0.00029	-162.63	-91.92	0.00030
-155.56	-98.99	0.00031	-148.49	-106.07	0.00031
-144.96	-109.60	0.00031	-141.42	-113.14	0.00031
-139.30	-115.26	0.00032	-137.89	-116.67	0.00032
-136.47	-118.09	0.00032	-135.06	-119.50	0.00032
-133.64	-120.92	0.00032	-120.92	-133.64	0.00032
-119.50	-135.06	0.00032	-118.09	-136.47	0.00032
-116.67	-137.89	0.00032	-115.26	-139.30	0.00033
-113.14	-141.42	0.00033	-109.60	-144.96	0.00033
-106.07	-148.49	0.00033	-98.99	-155.56	0.00033
-91.92	-162.63	0.00033	-84.85	-169.71	0.00033
-77.78	-176.78	0.00033	-70.71	-183.85	0.00033
-63.64	-190.92	0.00033	-56.57	-197.99	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00027	-183.85	-56.57	0.00028
-176.78	-63.64	0.00029	-169.71	-70.71	0.00030

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-162.63	-77.78	0.00031	-155.56	-84.85	0.00032
-148.49	-91.92	0.00033	-141.42	-98.99	0.00033
-137.89	-102.53	0.00033	-134.35	-106.07	0.00034
-132.23	-108.19	0.00034	-130.81	-109.60	0.00034
-129.40	-111.02	0.00034	-127.99	-112.43	0.00034
-126.57	-113.84	0.00034	-113.84	-126.57	0.00035
-112.43	-127.99	0.00035	-111.02	-129.40	0.00035
-109.60	-130.81	0.00035	-108.19	-132.23	0.00035
-106.07	-134.35	0.00035	-102.53	-137.89	0.00035
-98.99	-141.42	0.00035	-91.92	-148.49	0.00035
-84.85	-155.56	0.00035	-77.78	-162.63	0.00035
-70.71	-169.71	0.00035	-63.64	-176.78	0.00035
-56.57	-183.85	0.00035	-49.50	-190.92	0.00034
-183.85	-42.43	0.00028	-176.78	-49.50	0.00030
-169.71	-56.57	0.00031	-162.63	-63.64	0.00032
-155.56	-70.71	0.00033	-148.49	-77.78	0.00034
-141.42	-84.85	0.00035	-134.35	-91.92	0.00036
-130.81	-95.46	0.00036	-127.28	-98.99	0.00036
-125.16	-101.12	0.00036	-123.74	-102.53	0.00036
-122.33	-103.94	0.00036	-120.92	-105.36	0.00037
-119.50	-106.77	0.00037	-106.77	-119.50	0.00037
-105.36	-120.92	0.00037	-103.94	-122.33	0.00037
-102.53	-123.74	0.00037	-101.12	-125.16	0.00037
-98.99	-127.28	0.00038	-95.46	-130.81	0.00038
-91.92	-134.35	0.00038	-84.85	-141.42	0.00038
-77.78	-148.49	0.00038	-70.71	-155.56	0.00038
-63.64	-162.63	0.00038	-56.57	-169.71	0.00038
-49.50	-176.78	0.00037	-42.43	-183.85	0.00037
-176.78	-35.36	0.00029	-169.71	-42.43	0.00031
-162.63	-49.50	0.00033	-155.56	-56.57	0.00034
-148.49	-63.64	0.00036	-141.42	-70.71	0.00037
-134.35	-77.78	0.00038	-127.28	-84.85	0.00038
-123.74	-88.39	0.00039	-120.21	-91.92	0.00039
-118.09	-94.05	0.00039	-116.67	-95.46	0.00039
-115.26	-96.87	0.00039	-113.84	-98.29	0.00039
-112.43	-99.70	0.00039	-99.70	-112.43	0.00040
-98.29	-113.84	0.00040	-96.87	-115.26	0.00040
-95.46	-116.67	0.00040	-94.05	-118.09	0.00040

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTS:
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00041	-88.39	-123.74	0.00041
-84.85	-127.28	0.00041	-77.78	-134.35	0.00041
-70.71	-141.42	0.00041	-63.64	-148.49	0.00041
-56.57	-155.56	0.00041	-49.50	-162.63	0.00041
-42.43	-169.71	0.00040	-35.36	-176.78	0.00039
-169.71	-28.28	0.00030	-162.63	-35.36	0.00033
-155.56	-42.43	0.00035	-148.49	-49.50	0.00037
-141.42	-56.57	0.00038	-134.35	-63.64	0.00039
-127.28	-70.71	0.00040	-120.21	-77.78	0.00041
-116.67	-81.32	0.00042	-113.14	-84.85	0.00042
-111.02	-86.97	0.00042	-109.60	-88.39	0.00042
-108.19	-89.80	0.00042	-106.77	-91.22	0.00043
-105.36	-92.63	0.00043	-92.63	-105.36	0.00043
-91.22	-106.77	0.00044	-89.80	-108.19	0.00044
-88.39	-109.60	0.00044	-86.97	-111.02	0.00044
-84.85	-113.14	0.00044	-81.32	-116.67	0.00044
-77.78	-120.21	0.00044	-70.71	-127.28	0.00044
-63.64	-134.35	0.00044	-56.57	-141.42	0.00044
-49.50	-148.49	0.00044	-42.43	-155.56	0.00044
-35.36	-162.63	0.00043	-28.28	-169.71	0.00041
-162.63	-21.21	0.00032	-155.56	-28.28	0.00034
-148.49	-35.36	0.00037	-141.42	-42.43	0.00039
-134.35	-49.50	0.00041	-127.28	-56.57	0.00043
-120.21	-63.64	0.00044	-113.14	-70.71	0.00045
-109.60	-74.25	0.00045	-106.07	-77.78	0.00046
-103.94	-79.90	0.00046	-102.53	-81.32	0.00046
-101.12	-82.73	0.00046	-99.70	-84.15	0.00046
-98.29	-85.56	0.00046	-85.56	-98.29	0.00047
-84.15	-99.70	0.00047	-82.73	-101.12	0.00047
-81.32	-102.53	0.00047	-79.90	-103.94	0.00048
-77.78	-106.07	0.00048	-74.25	-109.60	0.00048
-70.71	-113.14	0.00048	-63.64	-120.21	0.00048
-56.57	-127.28	0.00048	-49.50	-134.35	0.00048
-42.43	-141.42	0.00048	-35.36	-148.49	0.00047
-28.28	-155.56	0.00046	-21.21	-162.63	0.00044
-155.56	-14.14	0.00033	-148.49	-21.21	0.00036
-141.42	-28.28	0.00039	-134.35	-35.36	0.00042
-127.28	-42.43	0.00044	-120.21	-49.50	0.00046
-113.14	-56.57	0.00047	-106.07	-63.64	0.00049
-102.53	-67.18	0.00049	-98.99	-70.71	0.00050

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

18:13:13

**MODELOPTs:

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*** Maximum train overlap at NE/SW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00050	-95.46	-74.25	0.00050
-94.05	-75.66	0.00050	-92.63	-77.07	0.00050
-91.22	-78.49	0.00050	-78.49	-91.22	0.00051
-77.07	-92.63	0.00052	-75.66	-94.05	0.00052
-74.25	-95.46	0.00052	-72.83	-96.87	0.00052
-70.71	-98.99	0.00052	-67.18	-102.53	0.00052
-63.64	-106.07	0.00052	-56.57	-113.14	0.00052
-49.50	-120.21	0.00053	-42.43	-127.28	0.00052
-35.36	-134.35	0.00052	-28.28	-141.42	0.00051
-21.21	-148.49	0.00049	-14.14	-155.56	0.00047
-148.49	-7.07	0.00035	-141.42	-14.14	0.00038
-134.35	-21.21	0.00042	-127.28	-28.28	0.00045
-120.21	-35.36	0.00048	-113.14	-42.43	0.00050
-106.07	-49.50	0.00052	-98.99	-56.57	0.00053
-95.46	-60.10	0.00054	-91.92	-63.64	0.00054
-89.80	-65.76	0.00054	-88.39	-67.18	0.00055
-86.97	-68.59	0.00055	-85.56	-70.00	0.00055
-84.15	-71.42	0.00055	-71.42	-84.15	0.00056
-70.00	-85.56	0.00056	-68.59	-86.97	0.00057
-67.18	-88.39	0.00057	-65.76	-89.80	0.00057
-63.64	-91.92	0.00057	-60.10	-95.46	0.00057
-56.57	-98.99	0.00057	-49.50	-106.07	0.00057
-42.43	-113.14	0.00058	-35.36	-120.21	0.00057
-28.28	-127.28	0.00056	-21.21	-134.35	0.00055
-14.14	-141.42	0.00052	-7.07	-148.49	0.00049
-141.42	0.00	0.00036	-134.35	-7.07	0.00040
-127.28	-14.14	0.00044	-120.21	-21.21	0.00048
-113.14	-28.28	0.00051	-106.07	-35.36	0.00054
-98.99	-42.43	0.00056	-91.92	-49.50	0.00058
-88.39	-53.03	0.00059	-84.85	-56.57	0.00059
-82.73	-58.69	0.00060	-81.32	-60.10	0.00060
-79.90	-61.52	0.00060	-78.49	-62.93	0.00060
-77.07	-64.35	0.00061	-64.35	-77.07	0.00062
-62.93	-78.49	0.00062	-61.52	-79.90	0.00062

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-60.10	-81.32	0.00062	-58.69	-82.73	0.00062
-56.57	-84.85	0.00063	-53.03	-88.39	0.00063
-49.50	-91.92	0.00063	-42.43	-98.99	0.00063
-35.36	-106.07	0.00063	-28.28	-113.14	0.00063
-21.21	-120.21	0.00061	-14.14	-127.28	0.00059
-7.07	-134.35	0.00056	0.00	-141.42	0.00052

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 49
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00038	-127.28	0.00	0.00042
-120.21	-7.07	0.00046	-113.14	-14.14	0.00051
-106.07	-21.21	0.00055	-98.99	-28.28	0.00059
-91.92	-35.36	0.00062	-84.85	-42.43	0.00064
-81.32	-45.96	0.00065	-77.78	-49.50	0.00065
-75.66	-51.62	0.00066	-74.25	-53.03	0.00066
-72.83	-54.45	0.00066	-71.42	-55.86	0.00067
-70.00	-57.28	0.00067	-57.28	-70.00	0.00069
-55.86	-71.42	0.00069	-54.45	-72.83	0.00069
-53.03	-74.25	0.00069	-51.62	-75.66	0.00069
-49.50	-77.78	0.00069	-45.96	-81.32	0.00069
-42.43	-84.85	0.00070	-35.36	-91.92	0.00070
-28.28	-98.99	0.00070	-21.21	-106.07	0.00069
-14.14	-113.14	0.00067	-7.07	-120.21	0.00064
0.00	-127.28	0.00060	7.07	-134.35	0.00055
-127.28	14.14	0.00039	-120.21	7.07	0.00044
-113.14	0.00	0.00049	-106.07	-7.07	0.00054
-98.99	-14.14	0.00060	-91.92	-21.21	0.00064
-84.85	-28.28	0.00068	-77.78	-35.36	0.00070
-74.25	-38.89	0.00072	-70.71	-42.43	0.00072
-68.59	-44.55	0.00073	-67.18	-45.96	0.00073
-65.76	-47.38	0.00074	-64.35	-48.79	0.00074
-62.93	-50.20	0.00074	-50.20	-62.93	0.00076
-48.79	-64.35	0.00076	-47.38	-65.76	0.00077
-45.96	-67.18	0.00077	-44.55	-68.59	0.00077
-42.43	-70.71	0.00077	-38.89	-74.25	0.00077
-35.36	-77.78	0.00077	-28.28	-84.85	0.00078
-21.21	-91.92	0.00077	-14.14	-98.99	0.00076

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-7.07	-106.07	0.00073	0.00	-113.14	0.00068
7.07	-120.21	0.00063	14.14	-127.28	0.00058
-120.21	21.21	0.00041	-113.14	14.14	0.00046
-106.07	7.07	0.00051	-98.99	0.00	0.00058
-91.92	-7.07	0.00064	-84.85	-14.14	0.00070
-77.78	-21.21	0.00075	-70.71	-28.28	0.00078
-67.18	-31.82	0.00079	-63.64	-35.36	0.00081
-61.52	-37.48	0.00081	-60.10	-38.89	0.00082
-58.69	-40.31	0.00082	-57.28	-41.72	0.00082
-55.86	-43.13	0.00083	-43.13	-55.86	0.00085
-41.72	-57.28	0.00085	-40.31	-58.69	0.00086
-38.89	-60.10	0.00086	-37.48	-61.52	0.00086

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 50

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00086	-31.82	-67.18	0.00086
-28.28	-70.71	0.00087	-21.21	-77.78	0.00087
-14.14	-84.85	0.00086	-7.07	-91.92	0.00083
0.00	-98.99	0.00079	7.07	-106.07	0.00073
14.14	-113.14	0.00067	21.21	-120.21	0.00061
-113.14	28.28	0.00042	-106.07	21.21	0.00048
-98.99	14.14	0.00054	-91.92	7.07	0.00061
-84.85	0.00	0.00069	-77.78	-7.07	0.00076
-70.71	-14.14	0.00083	-63.64	-21.21	0.00087
-60.10	-24.75	0.00089	-56.57	-28.28	0.00090
-54.45	-30.41	0.00091	-53.03	-31.82	0.00092
-51.62	-33.23	0.00092	-50.20	-34.65	0.00093
-48.79	-36.06	0.00093	-36.06	-48.79	0.00096
-34.65	-50.20	0.00096	-33.23	-51.62	0.00096
-31.82	-53.03	0.00097	-30.41	-54.45	0.00097
-28.28	-56.57	0.00097	-24.75	-60.10	0.00097
-21.21	-63.64	0.00098	-14.14	-70.71	0.00098
-7.07	-77.78	0.00096	0.00	-84.85	0.00092
7.07	-91.92	0.00086	14.14	-98.99	0.00079
21.21	-106.07	0.00071	28.28	-113.14	0.00064
-106.07	35.36	0.00043	-98.99	28.28	0.00049
-91.92	21.21	0.00057	-84.85	14.14	0.00065

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-77.78	7.07	0.00074	-70.71	0.00	0.00083
-63.64	-7.07	0.00091	-56.57	-14.14	0.00098
-53.03	-17.68	0.00100	-49.50	-21.21	0.00102
-47.38	-23.33	0.00103	-45.96	-24.75	0.00104
-44.55	-26.16	0.00104	-43.13	-27.58	0.00105
-41.72	-28.99	0.00105	-28.99	-41.72	0.00109
-27.58	-43.13	0.00109	-26.16	-44.55	0.00109
-24.75	-45.96	0.00110	-23.33	-47.38	0.00110
-21.21	-49.50	0.00110	-17.68	-53.03	0.00111
-14.14	-56.57	0.00111	-7.07	-63.64	0.00110
0.00	-70.71	0.00107	7.07	-77.78	0.00101
14.14	-84.85	0.00093	21.21	-91.92	0.00084
28.28	-98.99	0.00075	35.36	-106.07	0.00066
-98.99	42.43	0.00043	-91.92	35.36	0.00051
-84.85	28.28	0.00059	-77.78	21.21	0.00069
-70.71	14.14	0.00079	-63.64	7.07	0.00090
-56.57	0.00	0.00101	-49.50	-7.07	0.00110
-45.96	-10.61	0.00113	-42.43	-14.14	0.00116

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 51
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00117	-38.89	-17.68	0.00118
-37.48	-19.09	0.00119	-36.06	-20.51	0.00119
-34.65	-21.92	0.00120	-21.92	-34.65	0.00124
-20.51	-36.06	0.00125	-19.09	-37.48	0.00125
-17.68	-38.89	0.00125	-16.26	-40.31	0.00126
-14.14	-42.43	0.00126	-10.61	-45.96	0.00127
-7.07	-49.50	0.00127	0.00	-56.57	0.00125
7.07	-63.64	0.00119	14.14	-70.71	0.00110
21.21	-77.78	0.00100	28.28	-84.85	0.00089
35.36	-91.92	0.00078	42.43	-98.99	0.00068
-91.92	49.50	0.00044	-84.85	42.43	0.00051
-77.78	35.36	0.00061	-70.71	28.28	0.00072
-63.64	21.21	0.00084	-56.57	14.14	0.00098
-49.50	7.07	0.00112	-42.43	0.00	0.00124
-38.89	-3.54	0.00128	-35.36	-7.07	0.00132
-33.23	-9.19	0.00134	-31.82	-10.61	0.00135

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-30.41	-12.02	0.00136	-28.99	-13.44	0.00137
-27.58	-14.85	0.00138	-14.85	-27.58	0.00144
-13.44	-28.99	0.00144	-12.02	-30.41	0.00145
-10.61	-31.82	0.00145	-9.19	-33.23	0.00145
-7.07	-35.36	0.00146	-3.54	-38.89	0.00146
0.00	-42.43	0.00146	7.07	-49.50	0.00142
14.14	-56.57	0.00133	21.21	-63.64	0.00121
28.28	-70.71	0.00107	35.36	-77.78	0.00093
42.43	-84.85	0.00081	49.50	-91.92	0.00070
-84.85	56.57	0.00044	-77.78	49.50	0.00052
-70.71	42.43	0.00062	-63.64	35.36	0.00074
-56.57	28.28	0.00089	-49.50	21.21	0.00105
-42.43	14.14	0.00123	-35.36	7.07	0.00140
-31.82	3.54	0.00147	-28.28	0.00	0.00152
-26.16	-2.12	0.00155	-24.75	-3.54	0.00156
-23.33	-4.95	0.00158	-21.92	-6.36	0.00159
-20.51	-7.78	0.00160	-7.78	-20.51	0.00167
-6.36	-21.92	0.00168	-4.95	-23.33	0.00169
-3.54	-24.75	0.00169	-2.12	-26.16	0.00170
0.00	-28.28	0.00170	3.54	-31.82	0.00171
7.07	-35.36	0.00169	14.14	-42.43	0.00161
21.21	-49.50	0.00147	28.28	-56.57	0.00130
35.36	-63.64	0.00113	42.43	-70.71	0.00097
49.50	-77.78	0.00083	56.57	-84.85	0.00071

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 52
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00044	-70.71	56.57	0.00052
-63.64	49.50	0.00062	-56.57	42.43	0.00076
-49.50	35.36	0.00092	-42.43	28.28	0.00112
-35.36	21.21	0.00134	-28.28	14.14	0.00157
-24.75	10.61	0.00167	-21.21	7.07	0.00175
-19.09	4.95	0.00179	-17.68	3.54	0.00182
-16.26	2.12	0.00184	-14.85	0.71	0.00185
-13.44	-0.71	0.00187	-0.71	-13.44	0.00197
0.71	-14.85	0.00198	2.12	-16.26	0.00199
3.54	-17.68	0.00200	4.95	-19.09	0.00200

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

7.07	-21.21	0.00201	10.61	-24.75	0.00200
14.14	-28.28	0.00197	21.21	-35.36	0.00182
28.28	-42.43	0.00162	35.36	-49.50	0.00139
42.43	-56.57	0.00118	49.50	-63.64	0.00100
56.57	-70.71	0.00084	63.64	-77.78	0.00071
-70.71	70.71	0.00043	-63.64	63.64	0.00052
-56.57	56.57	0.00063	-49.50	49.50	0.00077
-42.43	42.43	0.00095	-35.36	35.36	0.00118
-28.28	28.28	0.00145	-21.21	21.21	0.00175
-17.68	17.68	0.00189	-14.14	14.14	0.00203
-12.02	12.02	0.00209	-10.61	10.61	0.00212
-9.19	9.19	0.00216	-7.78	7.78	0.00218
-6.36	6.36	0.00221	6.36	-6.36	0.00235
7.78	-7.78	0.00236	9.19	-9.19	0.00237
10.61	-10.61	0.00238	12.02	-12.02	0.00239
14.14	-14.14	0.00239	17.68	-17.68	0.00235
21.21	-21.21	0.00228	28.28	-28.28	0.00204
35.36	-35.36	0.00175	42.43	-42.43	0.00146
49.50	-49.50	0.00122	56.57	-56.57	0.00101
63.64	-63.64	0.00085	70.71	-70.71	0.00071
-63.64	77.78	0.00043	-56.57	70.71	0.00052
-49.50	63.64	0.00063	-42.43	56.57	0.00077
-35.36	49.50	0.00096	-28.28	42.43	0.00121
-21.21	35.36	0.00153	-14.14	28.28	0.00192
-10.61	24.75	0.00212	-7.07	21.21	0.00232
-4.95	19.09	0.00242	-3.54	17.68	0.00248
-2.12	16.26	0.00254	-0.71	14.85	0.00258
0.71	13.44	0.00262	13.44	0.71	0.00283
14.85	-0.71	0.00285	16.26	-2.12	0.00286
17.68	-3.54	0.00287	19.09	-4.95	0.00287

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00284	24.75	-10.61	0.00275
28.28	-14.14	0.00260	35.36	-21.21	0.00223
42.43	-28.28	0.00185	49.50	-35.36	0.00151
56.57	-42.43	0.00124	63.64	-49.50	0.00102

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

70.71	-56.57	0.00084	77.78	-63.64	0.00070
-56.57	84.85	0.00043	-49.50	77.78	0.00052
-42.43	70.71	0.00063	-35.36	63.64	0.00077
-28.28	56.57	0.00097	-21.21	49.50	0.00123
-14.14	42.43	0.00158	-7.07	35.36	0.00205
-3.54	31.82	0.00232	0.00	28.28	0.00260
2.12	26.16	0.00276	3.54	24.75	0.00286
4.95	23.33	0.00296	6.36	21.92	0.00304
7.78	20.51	0.00311	20.51	7.78	0.00346
21.92	6.36	0.00347	23.33	4.95	0.00348
24.75	3.54	0.00346	26.16	2.12	0.00343
28.28	0.00	0.00334	31.82	-3.54	0.00314
35.36	-7.07	0.00289	42.43	-14.14	0.00237
49.50	-21.21	0.00191	56.57	-28.28	0.00153
63.64	-35.36	0.00124	70.71	-42.43	0.00100
77.78	-49.50	0.00082	84.85	-56.57	0.00068
-49.50	91.92	0.00043	-42.43	84.85	0.00052
-35.36	77.78	0.00063	-28.28	70.71	0.00078
-21.21	63.64	0.00097	-14.14	56.57	0.00124
-7.07	49.50	0.00161	0.00	42.43	0.00212
3.54	38.89	0.00244	7.07	35.36	0.00280
9.19	33.23	0.00304	10.61	31.82	0.00321
12.02	30.41	0.00337	13.44	28.99	0.00353
14.85	27.58	0.00367	27.58	14.85	0.00427
28.99	13.44	0.00425	30.41	12.02	0.00418
31.82	10.61	0.00409	33.23	9.19	0.00398
35.36	7.07	0.00379	38.89	3.54	0.00344
42.43	0.00	0.00309	49.50	-7.07	0.00245
56.57	-14.14	0.00193	63.64	-21.21	0.00153
70.71	-28.28	0.00121	77.78	-35.36	0.00098
84.85	-42.43	0.00079	91.92	-49.50	0.00065
-42.43	98.99	0.00045	-35.36	91.92	0.00053
-28.28	84.85	0.00064	-21.21	77.78	0.00078
-14.14	70.71	0.00098	-7.07	63.64	0.00125
0.00	56.57	0.00163	7.07	49.50	0.00216
10.61	45.96	0.00251	14.14	42.43	0.00291

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00319	17.68	38.89	0.00340
19.09	37.48	0.00362	20.51	36.06	0.00389
21.92	34.65	0.00418	34.65	21.92	0.00516
36.06	20.51	0.00495	37.48	19.09	0.00474
38.89	17.68	0.00453	40.31	16.26	0.00434
42.43	14.14	0.00405	45.96	10.61	0.00359
49.50	7.07	0.00317	56.57	0.00	0.00246
63.64	-7.07	0.00190	70.71	-14.14	0.00148
77.78	-21.21	0.00116	84.85	-28.28	0.00093
91.92	-35.36	0.00075	98.99	-42.43	0.00062
-35.36	106.07	0.00047	-28.28	98.99	0.00055
-21.21	91.92	0.00066	-14.14	84.85	0.00081
-7.07	77.78	0.00101	0.00	70.71	0.00130
7.07	63.64	0.00170	14.14	56.57	0.00228
17.68	53.03	0.00267	21.21	49.50	0.00315
23.33	47.38	0.00350	24.75	45.96	0.00378
26.16	44.55	0.00411	27.58	43.13	0.00454
28.99	41.72	0.00511	41.72	28.99	0.00548
43.13	27.58	0.00516	44.55	26.16	0.00489
45.96	24.75	0.00464	47.38	23.33	0.00441
49.50	21.21	0.00408	53.03	17.68	0.00358
56.57	14.14	0.00312	63.64	7.07	0.00237
70.71	0.00	0.00181	77.78	-7.07	0.00139
84.85	-14.14	0.00109	91.92	-21.21	0.00086
98.99	-28.28	0.00070	106.07	-35.36	0.00058
-28.28	113.14	0.00050	-21.21	106.07	0.00059
-14.14	98.99	0.00071	-7.07	91.92	0.00087
0.00	84.85	0.00109	7.07	77.78	0.00142
14.14	70.71	0.00192	21.21	63.64	0.00274
24.75	60.10	0.00338	28.28	56.57	0.00424
30.41	54.45	0.00488	31.82	53.03	0.00536
33.23	51.62	0.00588	34.65	50.20	0.00645
36.06	48.79	0.00710	48.79	36.06	0.00563
50.20	34.65	0.00523	51.62	33.23	0.00490
53.03	31.82	0.00462	54.45	30.41	0.00436
56.57	28.28	0.00400	60.10	24.75	0.00347
63.64	21.21	0.00300	70.71	14.14	0.00224
77.78	7.07	0.00169	84.85	0.00	0.00129
91.92	-7.07	0.00101	98.99	-14.14	0.00080
106.07	-21.21	0.00065	113.14	-28.28	0.00054

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

18:13:13

**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00055	-14.14	113.14	0.00065
-7.07	106.07	0.00079	0.00	98.99	0.00098
7.07	91.92	0.00126	14.14	84.85	0.00169
21.21	77.78	0.00240	28.28	70.71	0.00357
31.82	67.18	0.00437	35.36	63.64	0.00532
37.48	61.52	0.00595	38.89	60.10	0.00641
40.31	58.69	0.00689	41.72	57.28	0.00740
43.13	55.86	0.00799	55.86	43.13	0.00574
57.28	41.72	0.00528	58.69	40.31	0.00490
60.10	38.89	0.00457	61.52	37.48	0.00427
63.64	35.36	0.00387	67.18	31.82	0.00329
70.71	28.28	0.00281	77.78	21.21	0.00206
84.85	14.14	0.00154	91.92	7.07	0.00117
98.99	0.00	0.00092	106.07	-7.07	0.00073
113.14	-14.14	0.00060	120.21	-21.21	0.00050
-14.14	127.28	0.00062	-7.07	120.21	0.00075
0.00	113.14	0.00092	7.07	106.07	0.00117
14.14	98.99	0.00153	21.21	91.92	0.00210
28.28	84.85	0.00298	35.36	77.78	0.00421
38.89	74.25	0.00497	42.43	70.71	0.00586
44.55	68.59	0.00646	45.96	67.18	0.00688
47.38	65.76	0.00733	48.79	64.35	0.00781
50.20	62.93	0.00835	62.93	50.20	0.00572
64.35	48.79	0.00522	65.76	47.38	0.00480
67.18	45.96	0.00444	68.59	44.55	0.00411
70.71	42.43	0.00368	74.25	38.89	0.00306
77.78	35.36	0.00256	84.85	28.28	0.00184
91.92	21.21	0.00137	98.99	14.14	0.00105
106.07	7.07	0.00083	113.14	0.00	0.00067
120.21	-7.07	0.00055	127.28	-14.14	0.00045
-7.07	134.35	0.00071	0.00	127.28	0.00088
7.07	120.21	0.00110	14.14	113.14	0.00142
21.21	106.07	0.00188	28.28	98.99	0.00253
35.36	91.92	0.00341	42.43	84.85	0.00456
45.96	81.32	0.00526	49.50	77.78	0.00608
51.62	75.66	0.00662	53.03	74.25	0.00701

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

54.45	72.83	0.00744	55.86	71.42	0.00789
57.28	70.00	0.00840	70.00	57.28	0.00552
71.42	55.86	0.00500	72.83	54.45	0.00456
74.25	53.03	0.00417	75.66	51.62	0.00383

1 *** ISCST3 - VERSION 02035 ***
 04/20/08
 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00338	81.32	45.96	0.00275
84.85	42.43	0.00227	91.92	35.36	0.00160
98.99	28.28	0.00119	106.07	21.21	0.00092
113.14	14.14	0.00073	120.21	7.07	0.00060
127.28	0.00	0.00049	134.35	-7.07	0.00041
0.00	141.42	0.00084	7.07	134.35	0.00104
14.14	127.28	0.00132	21.21	120.21	0.00170
28.28	113.14	0.00221	35.36	106.07	0.00287
42.43	98.99	0.00369	49.50	91.92	0.00473
53.03	88.39	0.00537	56.57	84.85	0.00609
58.69	82.73	0.00658	60.10	81.32	0.00693
61.52	79.90	0.00732	62.93	78.49	0.00774
64.35	77.07	0.00822	77.07	64.35	0.00515
78.49	62.93	0.00460	79.90	61.52	0.00415
81.32	60.10	0.00375	82.73	58.69	0.00341
84.85	56.57	0.00296	88.39	53.03	0.00237
91.92	49.50	0.00194	98.99	42.43	0.00137
106.07	35.36	0.00103	113.14	28.28	0.00080
120.21	21.21	0.00064	127.28	14.14	0.00053
134.35	7.07	0.00044	141.42	0.00	0.00037
7.07	148.49	0.00098	14.14	141.42	0.00122
21.21	134.35	0.00154	28.28	127.28	0.00195
35.36	120.21	0.00247	42.43	113.14	0.00310
49.50	106.07	0.00388	56.57	98.99	0.00482
60.10	95.46	0.00536	63.64	91.92	0.00599
65.76	89.80	0.00641	67.18	88.39	0.00672
68.59	86.97	0.00704	70.00	85.56	0.00742
71.42	84.15	0.00786	84.15	71.42	0.00457
85.56	70.00	0.00401	86.97	68.59	0.00356
88.39	67.18	0.00318	89.80	65.76	0.00285

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

91.92	63.64	0.00245	95.46	60.10	0.00196
98.99	56.57	0.00161	106.07	49.50	0.00116
113.14	42.43	0.00088	120.21	35.36	0.00069
127.28	28.28	0.00056	134.35	21.21	0.00047
141.42	14.14	0.00039	148.49	7.07	0.00034
14.14	155.56	0.00113	21.21	148.49	0.00139
28.28	141.42	0.00173	35.36	134.35	0.00214
42.43	127.28	0.00265	49.50	120.21	0.00326
56.57	113.14	0.00399	63.64	106.07	0.00486
67.18	102.53	0.00535	70.71	98.99	0.00588

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00621	74.25	95.46	0.00644
75.66	94.05	0.00670	77.07	92.63	0.00700
78.49	91.22	0.00736	91.22	78.49	0.00374
92.63	77.07	0.00322	94.05	75.66	0.00282
95.46	74.25	0.00251	96.87	72.83	0.00226
98.99	70.71	0.00196	102.53	67.18	0.00160
106.07	63.64	0.00134	113.14	56.57	0.00098
120.21	49.50	0.00076	127.28	42.43	0.00061
134.35	35.36	0.00049	141.42	28.28	0.00041
148.49	21.21	0.00035	155.56	14.14	0.00030
21.21	162.63	0.00126	28.28	155.56	0.00153
35.36	148.49	0.00187	42.43	141.42	0.00227
49.50	134.35	0.00276	56.57	127.28	0.00334
63.64	120.21	0.00405	70.71	113.14	0.00486
74.25	109.60	0.00531	77.78	106.07	0.00577
79.90	103.94	0.00605	81.32	102.53	0.00624
82.73	101.12	0.00644	84.15	99.70	0.00664
85.56	98.29	0.00687	98.29	85.56	0.00279
99.70	84.15	0.00245	101.12	82.73	0.00219
102.53	81.32	0.00198	103.94	79.90	0.00182
106.07	77.78	0.00161	109.60	74.25	0.00134
113.14	70.71	0.00114	120.21	63.64	0.00086
127.28	56.57	0.00067	134.35	49.50	0.00054
141.42	42.43	0.00045	148.49	35.36	0.00038

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

155.56	28.28	0.00032	162.63	21.21	0.00028
28.28	169.71	0.00136	35.36	162.63	0.00164
42.43	155.56	0.00196	49.50	148.49	0.00234
56.57	141.42	0.00280	63.64	134.35	0.00335
70.71	127.28	0.00400	77.78	120.21	0.00472
81.32	116.67	0.00511	84.85	113.14	0.00548
86.97	111.02	0.00568	88.39	109.60	0.00580
89.80	108.19	0.00588	91.22	106.77	0.00591
92.63	105.36	0.00585	105.36	92.63	0.00235
106.77	91.22	0.00211	108.19	89.80	0.00191
109.60	88.39	0.00175	111.02	86.97	0.00161
113.14	84.85	0.00143	116.67	81.32	0.00120
120.21	77.78	0.00103	127.28	70.71	0.00078
134.35	63.64	0.00062	141.42	56.57	0.00050
148.49	49.50	0.00041	155.56	42.43	0.00035
162.63	35.36	0.00030	169.71	28.28	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00144	42.43	169.71	0.00169
49.50	162.63	0.00200	56.57	155.56	0.00235
63.64	148.49	0.00276	70.71	141.42	0.00324
77.78	134.35	0.00374	84.85	127.28	0.00419
88.39	123.74	0.00430	91.92	120.21	0.00428
94.05	118.09	0.00418	95.46	116.67	0.00410
96.87	115.26	0.00399	98.29	113.84	0.00386
99.70	112.43	0.00371	112.43	99.70	0.00200
113.84	98.29	0.00185	115.26	96.87	0.00171
116.67	95.46	0.00158	118.09	94.05	0.00146
120.21	91.92	0.00131	123.74	88.39	0.00110
127.28	84.85	0.00094	134.35	77.78	0.00072
141.42	70.71	0.00057	148.49	63.64	0.00046
155.56	56.57	0.00038	162.63	49.50	0.00032
169.71	42.43	0.00028	176.78	35.36	0.00024
42.43	183.85	0.00147	49.50	176.78	0.00171
56.57	169.71	0.00198	63.64	162.63	0.00228
70.71	155.56	0.00261	77.78	148.49	0.00295

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

84.85	141.42	0.00319	91.92	134.35	0.00323
95.46	130.81	0.00315	98.99	127.28	0.00303
101.12	125.16	0.00293	102.53	123.74	0.00286
103.94	122.33	0.00278	105.36	120.92	0.00269
106.77	119.50	0.00260	119.50	106.77	0.00164
120.92	105.36	0.00154	122.33	103.94	0.00145
123.74	102.53	0.00136	125.16	101.12	0.00128
127.28	98.99	0.00117	130.81	95.46	0.00101
134.35	91.92	0.00087	141.42	84.85	0.00067
148.49	77.78	0.00053	155.56	70.71	0.00043
162.63	63.64	0.00035	169.71	56.57	0.00030
176.78	49.50	0.00026	183.85	42.43	0.00022
49.50	190.92	0.00147	56.57	183.85	0.00167
63.64	176.78	0.00189	70.71	169.71	0.00212
77.78	162.63	0.00234	84.85	155.56	0.00249
91.92	148.49	0.00252	98.99	141.42	0.00243
102.53	137.89	0.00235	106.07	134.35	0.00224
108.19	132.23	0.00217	109.60	130.81	0.00212
111.02	129.40	0.00206	112.43	127.99	0.00201
113.84	126.57	0.00195	126.57	113.84	0.00133
127.99	112.43	0.00127	129.40	111.02	0.00121
130.81	109.60	0.00115	132.23	108.19	0.00110

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00102	137.89	102.53	0.00090
141.42	98.99	0.00080	148.49	91.92	0.00062
155.56	84.85	0.00049	162.63	77.78	0.00040
169.71	70.71	0.00033	176.78	63.64	0.00028
183.85	56.57	0.00024	190.92	49.50	0.00021
56.57	197.99	0.00142	63.64	190.92	0.00159
70.71	183.85	0.00175	77.78	176.78	0.00189
84.85	169.71	0.00198	91.92	162.63	0.00201
98.99	155.56	0.00197	106.07	148.49	0.00188
109.60	144.96	0.00181	113.14	141.42	0.00173
115.26	139.30	0.00167	116.67	137.89	0.00164
118.09	136.47	0.00160	119.50	135.06	0.00157

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

120.92	133.64	0.00153	133.64	120.92	0.00110
135.06	119.50	0.00106	136.47	118.09	0.00101
137.89	116.67	0.00097	139.30	115.26	0.00094
141.42	113.14	0.00088	144.96	109.60	0.00079
148.49	106.07	0.00071	155.56	98.99	0.00057
162.63	91.92	0.00047	169.71	84.85	0.00038
176.78	77.78	0.00031	183.85	70.71	0.00026
190.92	63.64	0.00023	197.99	56.57	0.00020
63.64	205.06	0.00134	70.71	197.99	0.00145
77.78	190.92	0.00155	84.85	183.85	0.00161
91.92	176.78	0.00164	98.99	169.71	0.00162
106.07	162.63	0.00157	113.14	155.56	0.00149
116.67	152.03	0.00143	120.21	148.49	0.00137
122.33	146.37	0.00133	123.74	144.96	0.00131
125.16	143.54	0.00129	126.57	142.13	0.00126
127.99	140.71	0.00123	140.71	127.99	0.00092
142.13	126.57	0.00089	143.54	125.16	0.00086
144.96	123.74	0.00083	146.37	122.33	0.00080
148.49	120.21	0.00076	152.03	116.67	0.00069
155.56	113.14	0.00063	162.63	106.07	0.00052
169.71	98.99	0.00043	176.78	91.92	0.00036
183.85	84.85	0.00030	190.92	77.78	0.00025
197.99	70.71	0.00022	205.06	63.64	0.00019
70.71	212.13	0.00122	77.78	205.06	0.00129
84.85	197.99	0.00134	91.92	190.92	0.00136
98.99	183.85	0.00135	106.07	176.78	0.00133
113.14	169.71	0.00128	120.21	162.63	0.00120
123.74	159.10	0.00116	127.28	155.56	0.00112

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00109	130.81	152.03	0.00107
132.23	150.61	0.00106	133.64	149.20	0.00104
135.06	147.79	0.00102	147.79	135.06	0.00078
149.20	133.64	0.00076	150.61	132.23	0.00073
152.03	130.81	0.00071	153.44	129.40	0.00069
155.56	127.28	0.00066	159.10	123.74	0.00061

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

162.63	120.21	0.00056	169.71	113.14	0.00047
176.78	106.07	0.00040	183.85	98.99	0.00034
190.92	91.92	0.00029	197.99	84.85	0.00024
205.06	77.78	0.00021	212.13	70.71	0.00018
77.78	219.20	0.00109	84.85	212.13	0.00112
91.92	205.06	0.00114	98.99	197.99	0.00114
106.07	190.92	0.00113	113.14	183.85	0.00110
120.21	176.78	0.00106	127.28	169.71	0.00099
130.81	166.17	0.00096	134.35	162.63	0.00093
136.47	160.51	0.00091	137.89	159.10	0.00090
139.30	157.68	0.00088	140.71	156.27	0.00087
142.13	154.86	0.00085	154.86	142.13	0.00067
156.27	140.71	0.00065	157.68	139.30	0.00063
159.10	137.89	0.00061	160.51	136.47	0.00060
162.63	134.35	0.00057	166.17	130.81	0.00053
169.71	127.28	0.00050	176.78	120.21	0.00043
183.85	113.14	0.00037	190.92	106.07	0.00031
197.99	98.99	0.00027	205.06	91.92	0.00023
212.13	84.85	0.00020	219.20	77.78	0.00017
84.85	226.27	0.00096	91.92	219.20	0.00097
98.99	212.13	0.00098	106.07	205.06	0.00097
113.14	197.99	0.00096	120.21	190.92	0.00093
127.28	183.85	0.00089	134.35	176.78	0.00083
137.89	173.24	0.00081	141.42	169.71	0.00079
143.54	167.58	0.00077	144.96	166.17	0.00076
146.37	164.76	0.00075	147.79	163.34	0.00074
149.20	161.93	0.00072	161.93	149.20	0.00058
163.34	147.79	0.00057	164.76	146.37	0.00055
166.17	144.96	0.00054	167.58	143.54	0.00052
169.71	141.42	0.00050	173.24	137.89	0.00047
176.78	134.35	0.00044	183.85	127.28	0.00039
190.92	120.21	0.00034	197.99	113.14	0.00029
205.06	106.07	0.00025	212.13	98.99	0.00022
219.20	91.92	0.00019	226.27	84.85	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

91.92	233.35	0.00084	98.99	226.27	0.00084
106.07	219.20	0.00084	113.14	212.13	0.00084
120.21	205.06	0.00082	127.28	197.99	0.00079
134.35	190.92	0.00075	141.42	183.85	0.00071
144.96	180.31	0.00069	148.49	176.78	0.00067
150.61	174.66	0.00066	152.03	173.24	0.00065
153.44	171.83	0.00064	154.86	170.41	0.00063
156.27	169.00	0.00062	169.00	156.27	0.00051
170.41	154.86	0.00050	171.83	153.44	0.00048
173.24	152.03	0.00047	174.66	150.61	0.00046
176.78	148.49	0.00044	180.31	144.96	0.00042
183.85	141.42	0.00040	190.92	134.35	0.00035
197.99	127.28	0.00031	205.06	120.21	0.00027
212.13	113.14	0.00024	219.20	106.07	0.00021
226.27	98.99	0.00018	233.35	91.92	0.00016
98.99	240.42	0.00074	106.07	233.35	0.00074
113.14	226.27	0.00074	120.21	219.20	0.00073
127.28	212.13	0.00071	134.35	205.06	0.00068
141.42	197.99	0.00065	148.49	190.92	0.00062
152.03	187.38	0.00060	155.56	183.85	0.00058
157.68	181.73	0.00057	159.10	180.31	0.00057
160.51	178.90	0.00056	161.93	177.48	0.00055
163.34	176.07	0.00054	176.07	163.34	0.00045
177.48	161.93	0.00044	178.90	160.51	0.00043
180.31	159.10	0.00042	181.73	157.68	0.00041
183.85	155.56	0.00040	187.38	152.03	0.00038
190.92	148.49	0.00036	197.99	141.42	0.00032
205.06	134.35	0.00028	212.13	127.28	0.00025
219.20	120.21	0.00022	226.27	113.14	0.00020
233.35	106.07	0.00017	240.42	98.99	0.00016
106.07	247.49	0.00065	113.14	240.42	0.00065
120.21	233.35	0.00065	127.28	226.27	0.00063
134.35	219.20	0.00061	141.42	212.13	0.00059
148.49	205.06	0.00056	155.56	197.99	0.00054
159.10	194.45	0.00053	162.63	190.92	0.00051
164.76	188.80	0.00050	166.17	187.38	0.00050
167.58	185.97	0.00049	169.00	184.55	0.00048
170.41	183.14	0.00048	183.14	170.41	0.00040
184.55	169.00	0.00039	185.97	167.58	0.00038
187.38	166.17	0.00037	188.80	164.76	0.00037

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
190.92	162.63	0.00035	194.45	159.10	0.00034	
197.99	155.56	0.00032	205.06	148.49	0.00029	
212.13	141.42	0.00026	219.20	134.35	0.00023	
226.27	127.28	0.00021	233.35	120.21	0.00019	
240.42	113.14	0.00017	247.49	106.07	0.00015	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 63
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-247.49	-106.07	0.00028	-240.42	-113.14	0.00030	
-233.35	-120.21	0.00031	-226.27	-127.28	0.00032	
-219.20	-134.35	0.00033	-212.13	-141.42	0.00034	
-205.06	-148.49	0.00035	-197.99	-155.56	0.00036	
-194.45	-159.10	0.00036	-190.92	-162.63	0.00036	
-188.80	-164.76	0.00036	-187.38	-166.17	0.00036	
-185.97	-167.58	0.00036	-184.55	-169.00	0.00037	
-183.14	-170.41	0.00037	-170.41	-183.14	0.00037	
-169.00	-184.55	0.00037	-167.58	-185.97	0.00037	
-166.17	-187.38	0.00037	-164.76	-188.80	0.00037	
-162.63	-190.92	0.00038	-159.10	-194.45	0.00038	
-155.56	-197.99	0.00038	-148.49	-205.06	0.00038	
-141.42	-212.13	0.00038	-134.35	-219.20	0.00038	
-127.28	-226.27	0.00038	-120.21	-233.35	0.00038	
-113.14	-240.42	0.00037	-106.07	-247.49	0.00037	
-240.42	-98.99	0.00029	-233.35	-106.07	0.00031	
-226.27	-113.14	0.00033	-219.20	-120.21	0.00034	
-212.13	-127.28	0.00036	-205.06	-134.35	0.00037	
-197.99	-141.42	0.00038	-190.92	-148.49	0.00038	
-187.38	-152.03	0.00039	-183.85	-155.56	0.00039	
-181.73	-157.68	0.00039	-180.31	-159.10	0.00039	
-178.90	-160.51	0.00039	-177.48	-161.93	0.00039	
-176.07	-163.34	0.00039	-163.34	-176.07	0.00040	

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-161.93	-177.48	0.00040	-160.51	-178.90	0.00040
-159.10	-180.31	0.00040	-157.68	-181.73	0.00040
-155.56	-183.85	0.00041	-152.03	-187.38	0.00041
-148.49	-190.92	0.00041	-141.42	-197.99	0.00041
-134.35	-205.06	0.00041	-127.28	-212.13	0.00041
-120.21	-219.20	0.00041	-113.14	-226.27	0.00041
-106.07	-233.35	0.00040	-98.99	-240.42	0.00039
-233.35	-91.92	0.00030	-226.27	-99.00	0.00033
-219.20	-106.07	0.00035	-212.13	-113.14	0.00037
-205.06	-120.21	0.00038	-197.99	-127.28	0.00039
-190.92	-134.35	0.00040	-183.85	-141.42	0.00041
-180.31	-144.96	0.00042	-176.78	-148.49	0.00042
-174.66	-150.61	0.00042	-173.24	-152.03	0.00042
-171.83	-153.44	0.00042	-170.41	-154.86	0.00043
-169.00	-156.27	0.00043	-156.27	-169.00	0.00043
-154.86	-170.41	0.00044	-153.44	-171.83	0.00044
-152.03	-173.24	0.00044	-150.61	-174.66	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:
 PAGE 64

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00044	-144.96	-180.31	0.00044
-141.42	-183.85	0.00044	-134.35	-190.92	0.00044
-127.28	-197.99	0.00044	-120.21	-205.06	0.00044
-113.14	-212.13	0.00044	-106.07	-219.20	0.00044
-98.99	-226.27	0.00043	-91.92	-233.35	0.00041
-226.27	-84.85	0.00032	-219.20	-91.92	0.00034
-212.13	-99.00	0.00037	-205.06	-106.07	0.00039
-197.99	-113.14	0.00041	-190.92	-120.21	0.00043
-183.85	-127.28	0.00044	-176.78	-134.35	0.00045
-173.24	-137.89	0.00045	-169.71	-141.42	0.00046
-167.58	-143.54	0.00046	-166.17	-144.96	0.00046
-164.76	-146.37	0.00046	-163.34	-147.79	0.00046
-161.93	-149.20	0.00046	-149.20	-161.93	0.00047
-147.79	-163.34	0.00047	-146.37	-164.76	0.00047
-144.96	-166.17	0.00047	-143.54	-167.58	0.00048
-141.42	-169.71	0.00048	-137.89	-173.24	0.00048
-134.35	-176.78	0.00048	-127.28	-183.85	0.00048

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-120.21	-190.92	0.00048	-113.14	-197.99	0.00048
-106.07	-205.06	0.00048	-98.99	-212.13	0.00047
-91.92	-219.20	0.00046	-84.85	-226.27	0.00044
-219.20	-77.78	0.00033	-212.13	-84.85	0.00036
-205.06	-91.92	0.00039	-197.99	-99.00	0.00042
-190.92	-106.07	0.00044	-183.85	-113.14	0.00046
-176.78	-120.21	0.00047	-169.71	-127.28	0.00049
-166.17	-130.81	0.00049	-162.63	-134.35	0.00050
-160.51	-136.47	0.00050	-159.10	-137.89	0.00050
-157.68	-139.30	0.00050	-156.27	-140.71	0.00050
-154.86	-142.13	0.00050	-142.13	-154.86	0.00051
-140.71	-156.27	0.00052	-139.30	-157.68	0.00052
-137.89	-159.10	0.00052	-136.47	-160.51	0.00052
-134.35	-162.63	0.00052	-130.81	-166.17	0.00052
-127.28	-169.71	0.00052	-120.21	-176.78	0.00052
-113.14	-183.85	0.00053	-106.07	-190.92	0.00052
-98.99	-197.99	0.00052	-91.92	-205.06	0.00051
-84.85	-212.13	0.00049	-77.78	-219.20	0.00047
-212.13	-70.71	0.00035	-205.06	-77.78	0.00038
-197.99	-84.85	0.00042	-190.92	-91.92	0.00045
-183.85	-98.99	0.00048	-176.78	-106.07	0.00050
-169.71	-113.14	0.00052	-162.63	-120.21	0.00053
-159.10	-123.74	0.00054	-155.56	-127.28	0.00054

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00054	-152.03	-130.81	0.00055
-150.61	-132.23	0.00055	-149.20	-133.64	0.00055
-147.79	-135.06	0.00055	-135.06	-147.79	0.00056
-133.64	-149.20	0.00056	-132.23	-150.61	0.00057
-130.81	-152.03	0.00057	-129.40	-153.44	0.00057
-127.28	-155.56	0.00057	-123.74	-159.10	0.00057
-120.21	-162.63	0.00057	-113.14	-169.71	0.00057
-106.07	-176.78	0.00058	-98.99	-183.85	0.00057
-91.92	-190.92	0.00056	-84.85	-197.99	0.00055
-77.78	-205.06	0.00052	-70.71	-212.13	0.00049
-205.06	-63.64	0.00036	-197.99	-70.71	0.00040

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-190.92	-77.78	0.00044	-183.85	-84.85	0.00048
-176.78	-91.92	0.00051	-169.71	-98.99	0.00054
-162.63	-106.07	0.00056	-155.56	-113.14	0.00058
-152.03	-116.67	0.00059	-148.49	-120.21	0.00059
-146.37	-122.33	0.00060	-144.96	-123.74	0.00060
-143.54	-125.16	0.00060	-142.13	-126.57	0.00060
-140.71	-127.99	0.00061	-127.99	-140.71	0.00062
-126.57	-142.13	0.00062	-125.16	-143.54	0.00062
-123.74	-144.96	0.00062	-122.33	-146.37	0.00062
-120.21	-148.49	0.00063	-116.67	-152.03	0.00063
-113.14	-155.56	0.00063	-106.07	-162.63	0.00063
-98.99	-169.71	0.00063	-91.92	-176.78	0.00063
-84.85	-183.85	0.00061	-77.78	-190.92	0.00059
-70.71	-197.99	0.00056	-63.64	-205.06	0.00052
-197.99	-56.57	0.00038	-190.92	-63.64	0.00042
-183.85	-70.71	0.00046	-176.78	-77.78	0.00051
-169.71	-84.85	0.00055	-162.63	-91.92	0.00059
-155.56	-98.99	0.00062	-148.49	-106.07	0.00064
-144.96	-109.60	0.00065	-141.42	-113.14	0.00065
-139.30	-115.26	0.00066	-137.89	-116.67	0.00066
-136.47	-118.09	0.00066	-135.06	-119.50	0.00067
-133.64	-120.92	0.00067	-120.92	-133.64	0.00069
-119.50	-135.06	0.00069	-118.09	-136.47	0.00069
-116.67	-137.89	0.00069	-115.26	-139.30	0.00069
-113.14	-141.42	0.00069	-109.60	-144.96	0.00069
-106.07	-148.49	0.00070	-98.99	-155.56	0.00070
-91.92	-162.63	0.00070	-84.85	-169.71	0.00069
-77.78	-176.78	0.00067	-70.71	-183.85	0.00064
-63.64	-190.92	0.00060	-56.57	-197.99	0.00055

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTS:
 PAGE 66
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00039	-183.85	-56.57	0.00044
-176.78	-63.64	0.00049	-169.71	-70.71	0.00054
-162.63	-77.78	0.00060	-155.56	-84.85	0.00064
-148.49	-91.92	0.00068	-141.42	-98.99	0.00070
-137.89	-102.53	0.00072	-134.35	-106.07	0.00072

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-132.23	-108.19	0.00073	-130.81	-109.60	0.00073
-129.40	-111.02	0.00074	-127.99	-112.43	0.00074
-126.57	-113.84	0.00074	-113.84	-126.57	0.00076
-112.43	-127.99	0.00076	-111.02	-129.40	0.00077
-109.60	-130.81	0.00077	-108.19	-132.23	0.00077
-106.07	-134.35	0.00077	-102.53	-137.89	0.00077
-98.99	-141.42	0.00077	-91.92	-148.49	0.00078
-84.85	-155.56	0.00077	-77.78	-162.63	0.00076
-70.71	-169.71	0.00073	-63.64	-176.78	0.00068
-56.57	-183.85	0.00063	-49.50	-190.92	0.00058
-183.85	-42.43	0.00041	-176.78	-49.50	0.00046
-169.71	-56.57	0.00051	-162.63	-63.64	0.00058
-155.56	-70.71	0.00064	-148.49	-77.78	0.00070
-141.42	-84.85	0.00075	-134.35	-91.92	0.00078
-130.81	-95.46	0.00080	-127.28	-98.99	0.00081
-125.16	-101.12	0.00081	-123.74	-102.53	0.00082
-122.33	-103.94	0.00082	-120.92	-105.36	0.00082
-119.50	-106.77	0.00083	-106.77	-119.50	0.00085
-105.36	-120.92	0.00085	-103.94	-122.33	0.00086
-102.53	-123.74	0.00086	-101.12	-125.16	0.00086
-98.99	-127.28	0.00086	-95.46	-130.81	0.00086
-91.92	-134.35	0.00087	-84.85	-141.42	0.00087
-77.78	-148.49	0.00086	-70.71	-155.56	0.00083
-63.64	-162.63	0.00079	-56.57	-169.71	0.00073
-49.50	-176.78	0.00067	-42.43	-183.85	0.00061
-176.78	-35.36	0.00042	-169.71	-42.43	0.00048
-162.63	-49.50	0.00054	-155.56	-56.57	0.00061
-148.49	-63.64	0.00069	-141.42	-70.71	0.00076
-134.35	-77.78	0.00083	-127.28	-84.85	0.00087
-123.74	-88.39	0.00089	-120.21	-91.92	0.00090
-118.09	-94.05	0.00091	-116.67	-95.46	0.00092
-115.26	-96.87	0.00092	-113.84	-98.29	0.00093
-112.43	-99.70	0.00093	-99.70	-112.43	0.00096
-98.29	-113.84	0.00096	-96.87	-115.26	0.00096
-95.46	-116.67	0.00097	-94.05	-118.09	0.00097

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 67

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00097	-88.39	-123.74	0.00097
-84.85	-127.28	0.00098	-77.78	-134.35	0.00098
-70.71	-141.42	0.00096	-63.64	-148.49	0.00092
-56.57	-155.56	0.00086	-49.50	-162.63	0.00079
-42.43	-169.71	0.00071	-35.36	-176.78	0.00064
-169.71	-28.28	0.00043	-162.63	-35.36	0.00049
-155.56	-42.43	0.00057	-148.49	-49.50	0.00065
-141.42	-56.57	0.00074	-134.35	-63.64	0.00083
-127.28	-70.71	0.00091	-120.21	-77.78	0.00098
-116.67	-81.32	0.00100	-113.14	-84.85	0.00102
-111.02	-86.97	0.00103	-109.60	-88.39	0.00104
-108.19	-89.80	0.00104	-106.77	-91.22	0.00105
-105.36	-92.63	0.00105	-92.63	-105.36	0.00109
-91.22	-106.77	0.00109	-89.80	-108.19	0.00109
-88.39	-109.60	0.00110	-86.97	-111.02	0.00110
-84.85	-113.14	0.00110	-81.32	-116.67	0.00111
-77.78	-120.21	0.00111	-70.71	-127.28	0.00110
-63.64	-134.35	0.00107	-56.57	-141.42	0.00101
-49.50	-148.49	0.00093	-42.43	-155.56	0.00084
-35.36	-162.63	0.00075	-28.28	-169.71	0.00066
-162.63	-21.21	0.00043	-155.56	-28.28	0.00051
-148.49	-35.36	0.00059	-141.42	-42.43	0.00069
-134.35	-49.50	0.00079	-127.28	-56.57	0.00090
-120.21	-63.64	0.00101	-113.14	-70.71	0.00110
-109.60	-74.25	0.00113	-106.07	-77.78	0.00116
-103.94	-79.90	0.00117	-102.53	-81.32	0.00118
-101.12	-82.73	0.00119	-99.70	-84.15	0.00119
-98.29	-85.56	0.00120	-85.56	-98.29	0.00124
-84.15	-99.70	0.00125	-82.73	-101.12	0.00125
-81.32	-102.53	0.00125	-79.90	-103.94	0.00126
-77.78	-106.07	0.00126	-74.25	-109.60	0.00127
-70.71	-113.14	0.00127	-63.64	-120.21	0.00125
-56.57	-127.28	0.00119	-49.50	-134.35	0.00110
-42.43	-141.42	0.00100	-35.36	-148.49	0.00089
-28.28	-155.56	0.00078	-21.21	-162.63	0.00068
-155.56	-14.14	0.00044	-148.49	-21.21	0.00051
-141.42	-28.28	0.00061	-134.35	-35.36	0.00072
-127.28	-42.43	0.00084	-120.21	-49.50	0.00098
-113.14	-56.57	0.00112	-106.07	-63.64	0.00124
-102.53	-67.18	0.00128	-98.99	-70.71	0.00132

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

18:13:13
**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00134	-95.46	-74.25	0.00135
-94.05	-75.66	0.00136	-92.63	-77.07	0.00137
-91.22	-78.49	0.00138	-78.49	-91.22	0.00144
-77.07	-92.63	0.00144	-75.66	-94.05	0.00145
-74.25	-95.46	0.00145	-72.83	-96.87	0.00145
-70.71	-98.99	0.00146	-67.18	-102.53	0.00146
-63.64	-106.07	0.00146	-56.57	-113.14	0.00142
-49.50	-120.21	0.00133	-42.43	-127.28	0.00121
-35.36	-134.35	0.00107	-28.28	-141.42	0.00093
-21.21	-148.49	0.00081	-14.14	-155.56	0.00070
-148.49	-7.07	0.00044	-141.42	-14.14	0.00052
-134.35	-21.21	0.00062	-127.28	-28.28	0.00074
-120.21	-35.36	0.00089	-113.14	-42.43	0.00105
-106.07	-49.50	0.00123	-98.99	-56.57	0.00140
-95.46	-60.10	0.00147	-91.92	-63.64	0.00152
-89.80	-65.76	0.00155	-88.39	-67.18	0.00156
-86.97	-68.59	0.00158	-85.56	-70.00	0.00159
-84.15	-71.42	0.00160	-71.42	-84.15	0.00167
-70.00	-85.56	0.00168	-68.59	-86.97	0.00169
-67.18	-88.39	0.00169	-65.76	-89.80	0.00170
-63.64	-91.92	0.00170	-60.10	-95.46	0.00171
-56.57	-98.99	0.00169	-49.50	-106.07	0.00161
-42.43	-113.14	0.00147	-35.36	-120.21	0.00130
-28.28	-127.28	0.00113	-21.21	-134.35	0.00097
-14.14	-141.42	0.00083	-7.07	-148.49	0.00071
-141.42	0.00	0.00044	-134.35	-7.07	0.00052
-127.28	-14.14	0.00062	-120.21	-21.21	0.00076
-113.14	-28.28	0.00092	-106.07	-35.36	0.00112
-98.99	-42.43	0.00134	-91.92	-49.50	0.00157
-88.39	-53.03	0.00167	-84.85	-56.57	0.00175
-82.73	-58.69	0.00179	-81.32	-60.10	0.00182
-79.90	-61.52	0.00184	-78.49	-62.93	0.00185
-77.07	-64.35	0.00187	-64.35	-77.07	0.00197
-62.93	-78.49	0.00198	-61.52	-79.90	0.00199
-60.10	-81.32	0.00200	-58.69	-82.73	0.00200
-56.57	-84.85	0.00201	-53.03	-88.39	0.00200
-49.50	-91.92	0.00197	-42.43	-98.99	0.00182

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	-106.07	0.00162	-28.28	-113.14	0.00139
-21.21	-120.21	0.00118	-14.14	-127.28	0.00100
-7.07	-134.35	0.00084	0.00	-141.42	0.00071

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 69

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00043	-127.28	0.00	0.00052
-120.21	-7.07	0.00063	-113.14	-14.14	0.00077
-106.07	-21.21	0.00095	-98.99	-28.28	0.00118
-91.92	-35.36	0.00145	-84.85	-42.43	0.00175
-81.32	-45.96	0.00189	-77.78	-49.50	0.00203
-75.66	-51.62	0.00209	-74.25	-53.03	0.00212
-72.83	-54.45	0.00216	-71.42	-55.86	0.00218
-70.00	-57.28	0.00221	-57.28	-70.00	0.00235
-55.86	-71.42	0.00236	-54.45	-72.83	0.00237
-53.03	-74.25	0.00238	-51.62	-75.66	0.00239
-49.50	-77.78	0.00239	-45.96	-81.32	0.00235
-42.43	-84.85	0.00228	-35.36	-91.92	0.00204
-28.28	-98.99	0.00175	-21.21	-106.07	0.00146
-14.14	-113.14	0.00122	-7.07	-120.21	0.00101
0.00	-127.28	0.00085	7.07	-134.35	0.00071
-127.28	14.14	0.00043	-120.21	7.07	0.00052
-113.14	0.00	0.00063	-106.07	-7.07	0.00077
-98.99	-14.14	0.00096	-91.92	-21.21	0.00121
-84.85	-28.28	0.00153	-77.78	-35.36	0.00192
-74.25	-38.89	0.00212	-70.71	-42.43	0.00232
-68.59	-44.55	0.00242	-67.18	-45.96	0.00248
-65.76	-47.38	0.00254	-64.35	-48.79	0.00258
-62.93	-50.20	0.00262	-50.20	-62.93	0.00283
-48.79	-64.35	0.00285	-47.38	-65.76	0.00286
-45.96	-67.18	0.00287	-44.55	-68.59	0.00287
-42.43	-70.71	0.00284	-38.89	-74.25	0.00275
-35.36	-77.78	0.00260	-28.28	-84.85	0.00223
-21.21	-91.92	0.00185	-14.14	-98.99	0.00151
-7.07	-106.07	0.00124	0.00	-113.14	0.00102
7.07	-120.21	0.00084	14.14	-127.28	0.00070
-120.21	21.21	0.00043	-113.14	14.14	0.00052

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-106.07	7.07	0.00063	-98.99	0.00	0.00077
-91.92	-7.07	0.00097	-84.85	-14.14	0.00123
-77.78	-21.21	0.00158	-70.71	-28.28	0.00205
-67.18	-31.82	0.00232	-63.64	-35.36	0.00260
-61.52	-37.48	0.00276	-60.10	-38.89	0.00286
-58.69	-40.31	0.00296	-57.28	-41.72	0.00304
-55.86	-43.13	0.00311	-43.13	-55.86	0.00346
-41.72	-57.28	0.00347	-40.31	-58.69	0.00348
-38.89	-60.10	0.00346	-37.48	-61.52	0.00343

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 70
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00334	-31.82	-67.18	0.00314
-28.28	-70.71	0.00289	-21.21	-77.78	0.00237
-14.14	-84.85	0.00191	-7.07	-91.92	0.00153
0.00	-98.99	0.00124	7.07	-106.07	0.00100
14.14	-113.14	0.00082	21.21	-120.21	0.00068
-113.14	28.28	0.00043	-106.07	21.21	0.00052
-98.99	14.14	0.00063	-91.92	7.07	0.00078
-84.85	0.00	0.00097	-77.78	-7.07	0.00124
-70.71	-14.14	0.00161	-63.64	-21.21	0.00212
-60.10	-24.75	0.00244	-56.57	-28.28	0.00280
-54.45	-30.41	0.00304	-53.03	-31.82	0.00321
-51.62	-33.23	0.00337	-50.20	-34.65	0.00353
-48.79	-36.06	0.00367	-36.06	-48.79	0.00427
-34.65	-50.20	0.00425	-33.23	-51.62	0.00418
-31.82	-53.03	0.00409	-30.41	-54.45	0.00398
-28.28	-56.57	0.00379	-24.75	-60.10	0.00344
-21.21	-63.64	0.00309	-14.14	-70.71	0.00245
-7.07	-77.78	0.00193	0.00	-84.85	0.00153
7.07	-91.92	0.00121	14.14	-98.99	0.00098
21.21	-106.07	0.00079	28.28	-113.14	0.00065
-106.07	35.36	0.00045	-98.99	28.28	0.00053
-91.92	21.21	0.00064	-84.85	14.14	0.00078
-77.78	7.07	0.00098	-70.71	0.00	0.00125
-63.64	-7.07	0.00163	-56.57	-14.14	0.00216
-53.03	-17.68	0.00251	-49.50	-21.21	0.00291

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-47.38	-23.33	0.00319	-45.96	-24.75	0.00340
-44.55	-26.16	0.00362	-43.13	-27.58	0.00389
-41.72	-28.99	0.00418	-28.99	-41.72	0.00516
-27.58	-43.13	0.00495	-26.16	-44.55	0.00474
-24.75	-45.96	0.00453	-23.33	-47.38	0.00434
-21.21	-49.50	0.00405	-17.68	-53.03	0.00359
-14.14	-56.57	0.00317	-7.07	-63.64	0.00246
0.00	-70.71	0.00190	7.07	-77.78	0.00148
14.14	-84.85	0.00116	21.21	-91.92	0.00093
28.28	-98.99	0.00075	35.36	-106.07	0.00062
-98.99	42.43	0.00047	-91.92	35.36	0.00055
-84.85	28.28	0.00066	-77.78	21.21	0.00081
-70.71	14.14	0.00101	-63.64	7.07	0.00130
-56.57	0.00	0.00170	-49.50	-7.07	0.00228
-45.96	-10.61	0.00267	-42.43	-14.14	0.00315

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:

PAGE 71

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00350	-38.89	-17.68	0.00378
-37.48	-19.09	0.00411	-36.06	-20.51	0.00454
-34.65	-21.92	0.00511	-21.92	-34.65	0.00548
-20.51	-36.06	0.00516	-19.09	-37.48	0.00489
-17.68	-38.89	0.00464	-16.26	-40.31	0.00441
-14.14	-42.43	0.00408	-10.61	-45.96	0.00358
-7.07	-49.50	0.00312	0.00	-56.57	0.00237
7.07	-63.64	0.00181	14.14	-70.71	0.00139
21.21	-77.78	0.00109	28.28	-84.85	0.00086
35.36	-91.92	0.00070	42.43	-98.99	0.00058
-91.92	49.50	0.00050	-84.85	42.43	0.00059
-77.78	35.36	0.00071	-70.71	28.28	0.00087
-63.64	21.21	0.00109	-56.57	14.14	0.00142
-49.50	7.07	0.00192	-42.43	0.00	0.00274
-38.89	-3.54	0.00338	-35.36	-7.07	0.00424
-33.23	-9.19	0.00488	-31.82	-10.61	0.00536
-30.41	-12.02	0.00588	-28.99	-13.44	0.00645
-27.58	-14.85	0.00710	-14.85	-27.58	0.00563
-13.44	-28.99	0.00523	-12.02	-30.41	0.00490

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-10.61	-31.82	0.00462	-9.19	-33.23	0.00436
-7.07	-35.36	0.00400	-3.54	-38.89	0.00347
0.00	-42.43	0.00300	7.07	-49.50	0.00224
14.14	-56.57	0.00169	21.21	-63.64	0.00129
28.28	-70.71	0.00101	35.36	-77.78	0.00080
42.43	-84.85	0.00065	49.50	-91.92	0.00054
-84.85	56.57	0.00055	-77.78	49.50	0.00065
-70.71	42.43	0.00079	-63.64	35.36	0.00098
-56.57	28.28	0.00126	-49.50	21.21	0.00169
-42.43	14.14	0.00240	-35.36	7.07	0.00357
-31.82	3.54	0.00437	-28.28	0.00	0.00532
-26.16	-2.12	0.00595	-24.75	-3.54	0.00641
-23.33	-4.95	0.00689	-21.92	-6.36	0.00740
-20.51	-7.78	0.00799	-7.78	-20.51	0.00574
-6.36	-21.92	0.00528	-4.95	-23.33	0.00490
-3.54	-24.75	0.00457	-2.12	-26.16	0.00427
0.00	-28.28	0.00387	3.54	-31.82	0.00329
7.07	-35.36	0.00281	14.14	-42.43	0.00206
21.21	-49.50	0.00154	28.28	-56.57	0.00117
35.36	-63.64	0.00092	42.43	-70.71	0.00073
49.50	-77.78	0.00060	56.57	-84.85	0.00050

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:

PAGE 72

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00062	-70.71	56.57	0.00075
-63.64	49.50	0.00092	-56.57	42.43	0.00117
-49.50	35.36	0.00153	-42.43	28.28	0.00210
-35.36	21.21	0.00298	-28.28	14.14	0.00421
-24.75	10.61	0.00497	-21.21	7.07	0.00586
-19.09	4.95	0.00646	-17.68	3.54	0.00688
-16.26	2.12	0.00733	-14.85	0.71	0.00781
-13.44	-0.71	0.00835	-0.71	-13.44	0.00572
0.71	-14.85	0.00522	2.12	-16.26	0.00480
3.54	-17.68	0.00444	4.95	-19.09	0.00411
7.07	-21.21	0.00368	10.61	-24.75	0.00306
14.14	-28.28	0.00256	21.21	-35.36	0.00184
28.28	-42.43	0.00137	35.36	-49.50	0.00105

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

42.43	-56.57	0.00083	49.50	-63.64	0.00067
56.57	-70.71	0.00055	63.64	-77.78	0.00045
-70.71	70.71	0.00071	-63.64	63.64	0.00088
-56.57	56.57	0.00110	-49.50	49.50	0.00142
-42.43	42.43	0.00188	-35.36	35.36	0.00253
-28.28	28.28	0.00341	-21.21	21.21	0.00456
-17.68	17.68	0.00526	-14.14	14.14	0.00608
-12.02	12.02	0.00662	-10.61	10.61	0.00701
-9.19	9.19	0.00744	-7.78	7.78	0.00789
-6.36	6.36	0.00840	6.36	-6.36	0.00552
7.78	-7.78	0.00500	9.19	-9.19	0.00456
10.61	-10.61	0.00417	12.02	-12.02	0.00383
14.14	-14.14	0.00338	17.68	-17.68	0.00275
21.21	-21.21	0.00227	28.28	-28.28	0.00160
35.36	-35.36	0.00119	42.43	-42.43	0.00092
49.50	-49.50	0.00073	56.57	-56.57	0.00060
63.64	-63.64	0.00049	70.71	-70.71	0.00041
-63.64	77.78	0.00084	-56.57	70.71	0.00104
-49.50	63.64	0.00132	-42.43	56.57	0.00170
-35.36	49.50	0.00221	-28.28	42.43	0.00287
-21.21	35.36	0.00369	-14.14	28.28	0.00473
-10.61	24.75	0.00537	-7.07	21.21	0.00609
-4.95	19.09	0.00658	-3.54	17.68	0.00693
-2.12	16.26	0.00732	-0.71	14.85	0.00774
0.71	13.44	0.00822	13.44	0.71	0.00515
14.85	-0.71	0.00460	16.26	-2.12	0.00415
17.68	-3.54	0.00375	19.09	-4.95	0.00341

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 73
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00296	24.75	-10.61	0.00237
28.28	-14.14	0.00194	35.36	-21.21	0.00137
42.43	-28.28	0.00103	49.50	-35.36	0.00080
56.57	-42.43	0.00064	63.64	-49.50	0.00053
70.71	-56.57	0.00044	77.78	-63.64	0.00037
-56.57	84.85	0.00098	-49.50	77.78	0.00122
-42.43	70.71	0.00154	-35.36	63.64	0.00195

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	56.57	0.00247	-21.21	49.50	0.00310
-14.14	42.43	0.00388	-7.07	35.36	0.00482
-3.54	31.82	0.00536	0.00	28.28	0.00599
2.12	26.16	0.00641	3.54	24.75	0.00672
4.95	23.33	0.00704	6.36	21.92	0.00742
7.78	20.51	0.00786	20.51	7.78	0.00457
21.92	6.36	0.00401	23.33	4.95	0.00356
24.75	3.54	0.00318	26.16	2.12	0.00285
28.28	0.00	0.00245	31.82	-3.54	0.00196
35.36	-7.07	0.00161	42.43	-14.14	0.00116
49.50	-21.21	0.00088	56.57	-28.28	0.00069
63.64	-35.36	0.00056	70.71	-42.43	0.00047
77.78	-49.50	0.00039	84.85	-56.57	0.00034
-49.50	91.92	0.00113	-42.43	84.85	0.00139
-35.36	77.78	0.00173	-28.28	70.71	0.00214
-21.21	63.64	0.00265	-14.14	56.57	0.00326
-7.07	49.50	0.00399	0.00	42.43	0.00486
3.54	38.89	0.00535	7.07	35.36	0.00588
9.19	33.23	0.00621	10.61	31.82	0.00644
12.02	30.41	0.00670	13.44	28.99	0.00700
14.85	27.58	0.00736	27.58	14.85	0.00374
28.99	13.44	0.00322	30.41	12.02	0.00282
31.82	10.61	0.00251	33.23	9.19	0.00226
35.36	7.07	0.00196	38.89	3.54	0.00160
42.43	0.00	0.00134	49.50	-7.07	0.00098
56.57	-14.14	0.00076	63.64	-21.21	0.00061
70.71	-28.28	0.00049	77.78	-35.36	0.00041
84.85	-42.43	0.00035	91.92	-49.50	0.00030
-42.43	98.99	0.00126	-35.36	91.92	0.00153
-28.28	84.85	0.00187	-21.21	77.78	0.00227
-14.14	70.71	0.00276	-7.07	63.64	0.00334
0.00	56.57	0.00405	7.07	49.50	0.00486
10.61	45.96	0.00531	14.14	42.43	0.00577

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00605	17.68	38.89	0.00624

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

19.09	37.48	0.00644	20.51	36.06	0.00664
21.92	34.65	0.00687	34.65	21.92	0.00279
36.06	20.51	0.00245	37.48	19.09	0.00219
38.89	17.68	0.00198	40.31	16.26	0.00182
42.43	14.14	0.00161	45.96	10.61	0.00134
49.50	7.07	0.00114	56.57	0.00	0.00086
63.64	-7.07	0.00067	70.71	-14.14	0.00054
77.78	-21.21	0.00045	84.85	-28.28	0.00038
91.92	-35.36	0.00032	98.99	-42.43	0.00028
-35.36	106.07	0.00136	-28.28	98.99	0.00164
-21.21	91.92	0.00196	-14.14	84.85	0.00234
-7.07	77.78	0.00280	0.00	70.71	0.00335
7.07	63.64	0.00400	14.14	56.57	0.00472
17.68	53.03	0.00511	21.21	49.50	0.00548
23.33	47.38	0.00568	24.75	45.96	0.00580
26.16	44.55	0.00588	27.58	43.13	0.00591
28.99	41.72	0.00585	41.72	28.99	0.00235
43.13	27.58	0.00211	44.55	26.16	0.00191
45.96	24.75	0.00175	47.38	23.33	0.00161
49.50	21.21	0.00143	53.03	17.68	0.00120
56.57	14.14	0.00103	63.64	7.07	0.00078
70.71	0.00	0.00062	77.78	-7.07	0.00050
84.85	-14.14	0.00041	91.92	-21.21	0.00035
98.99	-28.28	0.00030	106.07	-35.36	0.00026
-28.28	113.14	0.00144	-21.21	106.07	0.00169
-14.14	98.99	0.00200	-7.07	91.92	0.00235
0.00	84.85	0.00276	7.07	77.78	0.00324
14.14	70.71	0.00374	21.21	63.64	0.00419
24.75	60.10	0.00430	28.28	56.57	0.00428
30.41	54.45	0.00418	31.82	53.03	0.00410
33.23	51.62	0.00399	34.65	50.20	0.00386
36.06	48.79	0.00371	48.79	36.06	0.00200
50.20	34.65	0.00185	51.62	33.23	0.00171
53.03	31.82	0.00158	54.45	30.41	0.00146
56.57	28.28	0.00131	60.10	24.75	0.00110
63.64	21.21	0.00094	70.71	14.14	0.00072
77.78	7.07	0.00057	84.85	0.00	0.00046
91.92	-7.07	0.00038	98.99	-14.14	0.00032
106.07	-21.21	0.00028	113.14	-28.28	0.00024

1 *** ISCST3 - VERSION 02035 ***
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*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00147	-14.14	113.14	0.00171
-7.07	106.07	0.00198	0.00	98.99	0.00228
7.07	91.92	0.00261	14.14	84.85	0.00295
21.21	77.78	0.00319	28.28	70.71	0.00323
31.82	67.18	0.00315	35.36	63.64	0.00302
37.48	61.52	0.00293	38.89	60.10	0.00286
40.31	58.69	0.00278	41.72	57.28	0.00269
43.13	55.86	0.00260	55.86	43.13	0.00164
57.28	41.72	0.00154	58.69	40.31	0.00145
60.10	38.89	0.00136	61.52	37.48	0.00128
63.64	35.36	0.00117	67.18	31.82	0.00101
70.71	28.28	0.00087	77.78	21.21	0.00067
84.85	14.14	0.00053	91.92	7.07	0.00043
98.99	0.00	0.00035	106.07	-7.07	0.00030
113.14	-14.14	0.00026	120.21	-21.21	0.00022
-14.14	127.28	0.00147	-7.07	120.21	0.00167
0.00	113.14	0.00189	7.07	106.07	0.00212
14.14	98.99	0.00234	21.21	91.92	0.00249
28.28	84.85	0.00252	35.36	77.78	0.00242
38.89	74.25	0.00235	42.43	70.71	0.00224
44.55	68.59	0.00217	45.96	67.18	0.00212
47.38	65.76	0.00206	48.79	64.35	0.00201
50.20	62.93	0.00195	62.93	50.20	0.00133
64.35	48.79	0.00127	65.76	47.38	0.00121
67.18	45.96	0.00115	68.59	44.55	0.00110
70.71	42.43	0.00102	74.25	38.89	0.00090
77.78	35.36	0.00080	84.85	28.28	0.00062
91.92	21.21	0.00049	98.99	14.14	0.00040
106.07	7.07	0.00033	113.14	0.00	0.00028
120.21	-7.07	0.00024	127.28	-14.14	0.00021
-7.07	134.35	0.00142	0.00	127.28	0.00159
7.07	120.21	0.00175	14.14	113.14	0.00189
21.21	106.07	0.00198	28.28	98.99	0.00201
35.36	91.92	0.00197	42.43	84.85	0.00188
45.96	81.32	0.00181	49.50	77.78	0.00173
51.62	75.66	0.00167	53.03	74.25	0.00164
54.45	72.83	0.00160	55.86	71.42	0.00157
57.28	70.00	0.00153	70.00	57.28	0.00110
71.42	55.86	0.00106	72.83	54.45	0.00101

74.25 53.03 0.00097 75.66 51.62 0.00094

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00088	81.32	45.96	0.00079
84.85	42.43	0.00071	91.92	35.36	0.00057
98.99	28.28	0.00047	106.07	21.21	0.00038
113.14	14.14	0.00031	120.21	7.07	0.00026
127.28	0.00	0.00023	134.35	-7.07	0.00020
0.00	141.42	0.00134	7.07	134.35	0.00145
14.14	127.28	0.00155	21.21	120.21	0.00161
28.28	113.14	0.00164	35.36	106.07	0.00162
42.43	98.99	0.00157	49.50	91.92	0.00149
53.03	88.39	0.00143	56.57	84.85	0.00137
58.69	82.73	0.00133	60.10	81.32	0.00131
61.52	79.90	0.00129	62.93	78.49	0.00126
64.35	77.07	0.00123	77.07	64.35	0.00092
78.49	62.93	0.00089	79.90	61.52	0.00086
81.32	60.10	0.00083	82.73	58.69	0.00080
84.85	56.57	0.00076	88.39	53.03	0.00069
91.92	49.50	0.00063	98.99	42.43	0.00052
106.07	35.36	0.00043	113.14	28.28	0.00036
120.21	21.21	0.00030	127.28	14.14	0.00025
134.35	7.07	0.00022	141.42	0.00	0.00019
7.07	148.49	0.00122	14.14	141.42	0.00129
21.21	134.35	0.00134	28.28	127.28	0.00136
35.36	120.21	0.00135	42.43	113.14	0.00133
49.50	106.07	0.00128	56.57	98.99	0.00120
60.10	95.46	0.00116	63.64	91.92	0.00112
65.76	89.80	0.00109	67.18	88.39	0.00107
68.59	86.97	0.00106	70.00	85.56	0.00104
71.42	84.15	0.00102	84.15	71.42	0.00078
85.56	70.00	0.00076	86.97	68.59	0.00073
88.39	67.18	0.00071	89.80	65.76	0.00069
91.92	63.64	0.00066	95.46	60.10	0.00061
98.99	56.57	0.00056	106.07	49.50	0.00047
113.14	42.43	0.00040	120.21	35.36	0.00034

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

127.28	28.28	0.00029	134.35	21.21	0.00024
141.42	14.14	0.00021	148.49	7.07	0.00018
14.14	155.56	0.00109	21.21	148.49	0.00112
28.28	141.42	0.00114	35.36	134.35	0.00114
42.43	127.28	0.00113	49.50	120.21	0.00110
56.57	113.14	0.00106	63.64	106.07	0.00099
67.18	102.53	0.00096	70.71	98.99	0.00093

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00091	74.25	95.46	0.00090
75.66	94.05	0.00088	77.07	92.63	0.00087
78.49	91.22	0.00085	91.22	78.49	0.00067
92.63	77.07	0.00065	94.05	75.66	0.00063
95.46	74.25	0.00061	96.87	72.83	0.00060
98.99	70.71	0.00057	102.53	67.18	0.00053
106.07	63.64	0.00050	113.14	56.57	0.00043
120.21	49.50	0.00037	127.28	42.43	0.00031
134.35	35.36	0.00027	141.42	28.28	0.00023
148.49	21.21	0.00020	155.56	14.14	0.00017
21.21	162.63	0.00096	28.28	155.56	0.00097
35.36	148.49	0.00098	42.43	141.42	0.00097
49.50	134.35	0.00096	56.57	127.28	0.00093
63.64	120.21	0.00089	70.71	113.14	0.00083
74.25	109.60	0.00081	77.78	106.07	0.00079
79.90	103.94	0.00077	81.32	102.53	0.00076
82.73	101.12	0.00075	84.15	99.70	0.00074
85.56	98.29	0.00072	98.29	85.56	0.00058
99.70	84.15	0.00057	101.12	82.73	0.00055
102.53	81.32	0.00054	103.94	79.90	0.00052
106.07	77.78	0.00050	109.60	74.25	0.00047
113.14	70.71	0.00044	120.21	63.64	0.00039
127.28	56.57	0.00034	134.35	49.50	0.00029
141.42	42.43	0.00025	148.49	35.36	0.00022
155.56	28.28	0.00019	162.63	21.21	0.00017
28.28	169.71	0.00084	35.36	162.63	0.00084
42.43	155.56	0.00084	49.50	148.49	0.00084

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

56.57	141.42	0.00082	63.64	134.35	0.00079
70.71	127.28	0.00075	77.78	120.21	0.00071
81.32	116.67	0.00069	84.85	113.14	0.00067
86.97	111.02	0.00066	88.39	109.60	0.00065
89.80	108.19	0.00064	91.22	106.77	0.00063
92.63	105.36	0.00062	105.36	92.63	0.00051
106.77	91.22	0.00050	108.19	89.80	0.00048
109.60	88.39	0.00047	111.02	86.97	0.00046
113.14	84.85	0.00044	116.67	81.32	0.00042
120.21	77.78	0.00040	127.28	70.71	0.00035
134.35	63.64	0.00031	141.42	56.57	0.00027
148.49	49.50	0.00024	155.56	42.43	0.00021
162.63	35.36	0.00018	169.71	28.28	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00074	42.43	169.71	0.00074
49.50	162.63	0.00074	56.57	155.56	0.00073
63.64	148.49	0.00071	70.71	141.42	0.00068
77.78	134.35	0.00065	84.85	127.28	0.00062
88.39	123.74	0.00060	91.92	120.21	0.00058
94.05	118.09	0.00057	95.46	116.67	0.00057
96.87	115.26	0.00056	98.29	113.84	0.00055
99.70	112.43	0.00054	112.43	99.70	0.00045
113.84	98.29	0.00044	115.26	96.87	0.00043
116.67	95.46	0.00042	118.09	94.05	0.00041
120.21	91.92	0.00040	123.74	88.39	0.00038
127.28	84.85	0.00036	134.35	77.78	0.00032
141.42	70.71	0.00028	148.49	63.64	0.00025
155.56	56.57	0.00022	162.63	49.50	0.00020
169.71	42.43	0.00017	176.78	35.36	0.00016
42.43	183.85	0.00065	49.50	176.78	0.00065
56.57	169.71	0.00065	63.64	162.63	0.00063
70.71	155.56	0.00061	77.78	148.49	0.00059
84.85	141.42	0.00056	91.92	134.35	0.00054
95.46	130.81	0.00053	98.99	127.28	0.00051
101.12	125.16	0.00050	102.53	123.74	0.00050

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

103.94	122.33	0.00049	105.36	120.92	0.00048
106.77	119.50	0.00048	119.50	106.77	0.00040
120.92	105.36	0.00039	122.33	103.94	0.00038
123.74	102.53	0.00037	125.16	101.12	0.00037
127.28	98.99	0.00035	130.81	95.46	0.00034
134.35	91.92	0.00032	141.42	84.85	0.00029
148.49	77.78	0.00026	155.56	70.71	0.00023
162.63	63.64	0.00021	169.71	56.57	0.00019
176.78	49.50	0.00017	183.85	42.43	0.00015
49.50	190.92	0.00058	56.57	183.85	0.00058
63.64	176.78	0.00057	70.71	169.71	0.00056
77.78	162.63	0.00054	84.85	155.56	0.00052
91.92	148.49	0.00049	98.99	141.42	0.00047
102.53	137.89	0.00046	106.07	134.35	0.00045
108.19	132.23	0.00044	109.60	130.81	0.00044
111.02	129.40	0.00043	112.43	127.99	0.00043
113.84	126.57	0.00042	126.57	113.84	0.00036
127.99	112.43	0.00035	129.40	111.02	0.00034
130.81	109.60	0.00034	132.23	108.19	0.00033

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00032	137.89	102.53	0.00030
141.42	98.99	0.00029	148.49	91.92	0.00026
155.56	84.85	0.00024	162.63	77.78	0.00022
169.71	70.71	0.00020	176.78	63.64	0.00018
183.85	56.57	0.00016	190.92	49.50	0.00014
56.57	197.99	0.00052	63.64	190.92	0.00051
70.71	183.85	0.00051	77.78	176.78	0.00049
84.85	169.71	0.00047	91.92	162.63	0.00045
98.99	155.56	0.00044	106.07	148.49	0.00042
109.60	144.96	0.00041	113.14	141.42	0.00040
115.26	139.30	0.00040	116.67	137.89	0.00039
118.09	136.47	0.00039	119.50	135.06	0.00038
120.92	133.64	0.00038	133.64	120.92	0.00032
135.06	119.50	0.00031	136.47	118.09	0.00031
137.89	116.67	0.00030	139.30	115.26	0.00030

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

141.42	113.14	0.00029	144.96	109.60	0.00028
148.49	106.07	0.00026	155.56	98.99	0.00024
162.63	91.92	0.00022	169.71	84.85	0.00020
176.78	77.78	0.00018	183.85	70.71	0.00017
190.92	63.64	0.00015	197.99	56.57	0.00013
63.64	205.06	0.00047	70.71	197.99	0.00046
77.78	190.92	0.00045	84.85	183.85	0.00044
91.92	176.78	0.00042	98.99	169.71	0.00040
106.07	162.63	0.00039	113.14	155.56	0.00038
116.67	152.03	0.00037	120.21	148.49	0.00036
122.33	146.37	0.00035	123.74	144.96	0.00035
125.16	143.54	0.00035	126.57	142.13	0.00034
127.99	140.71	0.00034	140.71	127.99	0.00029
142.13	126.57	0.00029	143.54	125.16	0.00028
144.96	123.74	0.00028	146.37	122.33	0.00027
148.49	120.21	0.00026	152.03	116.67	0.00025
155.56	113.14	0.00024	162.63	106.07	0.00022
169.71	98.99	0.00020	176.78	91.92	0.00019
183.85	84.85	0.00017	190.92	77.78	0.00016
197.99	70.71	0.00014	205.06	63.64	0.00013
70.71	212.13	0.00042	77.78	205.06	0.00041
84.85	197.99	0.00040	91.92	190.92	0.00039
98.99	183.85	0.00038	106.07	176.78	0.00036
113.14	169.71	0.00035	120.21	162.63	0.00034
123.74	159.10	0.00033	127.28	155.56	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00032	130.81	152.03	0.00032
132.23	150.61	0.00031	133.64	149.20	0.00031
135.06	147.79	0.00030	147.79	135.06	0.00026
149.20	133.64	0.00026	150.61	132.23	0.00026
152.03	130.81	0.00025	153.44	129.40	0.00025
155.56	127.28	0.00024	159.10	123.74	0.00023
162.63	120.21	0.00022	169.71	113.14	0.00021
176.78	106.07	0.00019	183.85	98.99	0.00017
190.92	91.92	0.00016	197.99	84.85	0.00015

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

205.06	77.78	0.00013	212.13	70.71	0.00012
77.78	219.20	0.00038	84.85	212.13	0.00037
91.92	205.06	0.00036	98.99	197.99	0.00035
106.07	190.92	0.00034	113.14	183.85	0.00033
120.21	176.78	0.00032	127.28	169.71	0.00031
130.81	166.17	0.00030	134.35	162.63	0.00029
136.47	160.51	0.00029	137.89	159.10	0.00029
139.30	157.68	0.00028	140.71	156.27	0.00028
142.13	154.86	0.00028	154.86	142.13	0.00024
156.27	140.71	0.00024	157.68	139.30	0.00023
159.10	137.89	0.00023	160.51	136.47	0.00023
162.63	134.35	0.00022	166.17	130.81	0.00021
169.71	127.28	0.00020	176.78	120.21	0.00019
183.85	113.14	0.00018	190.92	106.07	0.00016
197.99	98.99	0.00015	205.06	91.92	0.00014
212.13	84.85	0.00013	219.20	77.78	0.00012
84.85	226.27	0.00034	91.92	219.20	0.00034
98.99	212.13	0.00033	106.07	205.06	0.00032
113.14	197.99	0.00031	120.21	190.92	0.00030
127.28	183.85	0.00029	134.35	176.78	0.00028
137.89	173.24	0.00027	141.42	169.71	0.00027
143.54	167.58	0.00026	144.96	166.17	0.00026
146.37	164.76	0.00026	147.79	163.34	0.00025
149.20	161.93	0.00025	161.93	149.20	0.00022
163.34	147.79	0.00022	164.76	146.37	0.00021
166.17	144.96	0.00021	167.58	143.54	0.00021
169.71	141.42	0.00020	173.24	137.89	0.00020
176.78	134.35	0.00019	183.85	127.28	0.00018
190.92	120.21	0.00016	197.99	113.14	0.00015
205.06	106.07	0.00014	212.13	98.99	0.00013
219.20	91.92	0.00012	226.27	84.85	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00031	98.99	226.27	0.00031
106.07	219.20	0.00030	113.14	212.13	0.00029
120.21	205.06	0.00028	127.28	197.99	0.00027

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

134.35	190.92	0.00026	141.42	183.85	0.00025
144.96	180.31	0.00025	148.49	176.78	0.00024
150.61	174.66	0.00024	152.03	173.24	0.00024
153.44	171.83	0.00024	154.86	170.41	0.00023
156.27	169.00	0.00023	169.00	156.27	0.00020
170.41	154.86	0.00020	171.83	153.44	0.00020
173.24	152.03	0.00019	174.66	150.61	0.00019
176.78	148.49	0.00019	180.31	144.96	0.00018
183.85	141.42	0.00018	190.92	134.35	0.00016
197.99	127.28	0.00015	205.06	120.21	0.00014
212.13	113.14	0.00013	219.20	106.07	0.00012
226.27	98.99	0.00011	233.35	91.92	0.00011
98.99	240.42	0.00029	106.07	233.35	0.00028
113.14	226.27	0.00027	120.21	219.20	0.00026
127.28	212.13	0.00025	134.35	205.06	0.00025
141.42	197.99	0.00024	148.49	190.92	0.00023
152.03	187.38	0.00023	155.56	183.85	0.00022
157.68	181.73	0.00022	159.10	180.31	0.00022
160.51	178.90	0.00022	161.93	177.48	0.00021
163.34	176.07	0.00021	176.07	163.34	0.00019
177.48	161.93	0.00019	178.90	160.51	0.00018
180.31	159.10	0.00018	181.73	157.68	0.00018
183.85	155.56	0.00017	187.38	152.03	0.00017
190.92	148.49	0.00016	197.99	141.42	0.00015
205.06	134.35	0.00014	212.13	127.28	0.00013
219.20	120.21	0.00013	226.27	113.14	0.00012
233.35	106.07	0.00011	240.42	98.99	0.00010
106.07	247.49	0.00026	113.14	240.42	0.00025
120.21	233.35	0.00025	127.28	226.27	0.00024
134.35	219.20	0.00023	141.42	212.13	0.00023
148.49	205.06	0.00022	155.56	197.99	0.00021
159.10	194.45	0.00021	162.63	190.92	0.00021
164.76	188.80	0.00020	166.17	187.38	0.00020
167.58	185.97	0.00020	169.00	184.55	0.00020
170.41	183.14	0.00020	183.14	170.41	0.00017
184.55	169.00	0.00017	185.97	167.58	0.00017
187.38	166.17	0.00017	188.80	164.76	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00016	194.45	159.10	0.00016
197.99	155.56	0.00015	205.06	148.49	0.00014
212.13	141.42	0.00013	219.20	134.35	0.00013
226.27	127.28	0.00012	233.35	120.21	0.00011
240.42	113.14	0.00010	247.49	106.07	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00041	-240.42	-113.14	0.00046
-233.35	-120.21	0.00051	-226.27	-127.28	0.00058
-219.20	-134.35	0.00064	-212.13	-141.42	0.00070
-205.06	-148.49	0.00075	-197.99	-155.56	0.00078
-194.45	-159.10	0.00080	-190.92	-162.63	0.00081
-188.80	-164.76	0.00081	-187.38	-166.17	0.00082
-185.97	-167.58	0.00082	-184.55	-169.00	0.00082
-183.14	-170.41	0.00083	-170.41	-183.14	0.00085
-169.00	-184.55	0.00085	-167.58	-185.97	0.00086
-166.17	-187.38	0.00086	-164.76	-188.80	0.00086
-162.63	-190.92	0.00086	-159.10	-194.45	0.00086
-155.56	-197.99	0.00087	-148.49	-205.06	0.00087
-141.42	-212.13	0.00086	-134.35	-219.20	0.00083
-127.28	-226.27	0.00079	-120.21	-233.35	0.00073
-113.14	-240.42	0.00067	-106.07	-247.49	0.00061
-240.42	-98.99	0.00042	-233.35	-106.07	0.00048
-226.27	-113.14	0.00054	-219.20	-120.21	0.00061
-212.13	-127.28	0.00069	-205.06	-134.35	0.00076
-197.99	-141.42	0.00083	-190.92	-148.49	0.00087
-187.38	-152.03	0.00089	-183.85	-155.56	0.00090
-181.73	-157.68	0.00091	-180.31	-159.10	0.00092
-178.90	-160.51	0.00092	-177.48	-161.93	0.00093
-176.07	-163.34	0.00093	-163.34	-176.07	0.00096
-161.93	-177.48	0.00096	-160.51	-178.90	0.00096
-159.10	-180.31	0.00097	-157.68	-181.73	0.00097
-155.56	-183.85	0.00097	-152.03	-187.38	0.00097

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-148.49	-190.92	0.00098	-141.42	-197.99	0.00098
-134.35	-205.06	0.00096	-127.28	-212.13	0.00092
-120.21	-219.20	0.00086	-113.14	-226.27	0.00079
-106.07	-233.35	0.00071	-98.99	-240.42	0.00064
-233.35	-91.92	0.00043	-226.27	-99.00	0.00049
-219.20	-106.07	0.00057	-212.13	-113.14	0.00065
-205.06	-120.21	0.00074	-197.99	-127.28	0.00083
-190.92	-134.35	0.00091	-183.85	-141.42	0.00098
-180.31	-144.96	0.00100	-176.78	-148.49	0.00102
-174.66	-150.61	0.00103	-173.24	-152.03	0.00104
-171.83	-153.44	0.00104	-170.41	-154.86	0.00105
-169.00	-156.27	0.00105	-156.27	-169.00	0.00109
-154.86	-170.41	0.00109	-153.44	-171.83	0.00109
-152.03	-173.24	0.00110	-150.61	-174.66	0.00110

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00110	-144.96	-180.31	0.00111
-141.42	-183.85	0.00111	-134.35	-190.92	0.00110
-127.28	-197.99	0.00107	-120.21	-205.06	0.00101
-113.14	-212.13	0.00093	-106.07	-219.20	0.00084
-98.99	-226.27	0.00075	-91.92	-233.35	0.00066
-226.27	-84.85	0.00043	-219.20	-91.92	0.00051
-212.13	-99.00	0.00059	-205.06	-106.07	0.00069
-197.99	-113.14	0.00079	-190.92	-120.21	0.00090
-183.85	-127.28	0.00101	-176.78	-134.35	0.00110
-173.24	-137.89	0.00113	-169.71	-141.42	0.00116
-167.58	-143.54	0.00117	-166.17	-144.96	0.00118
-164.76	-146.37	0.00119	-163.34	-147.79	0.00119
-161.93	-149.20	0.00120	-149.20	-161.93	0.00124
-147.79	-163.34	0.00125	-146.37	-164.76	0.00125
-144.96	-166.17	0.00125	-143.54	-167.58	0.00126
-141.42	-169.71	0.00126	-137.89	-173.24	0.00127
-134.35	-176.78	0.00127	-127.28	-183.85	0.00125
-120.21	-190.92	0.00119	-113.14	-197.99	0.00110
-106.07	-205.06	0.00100	-98.99	-212.13	0.00089
-91.92	-219.20	0.00078	-84.85	-226.27	0.00068

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-219.20	-77.78	0.00044	-212.13	-84.85	0.00051
-205.06	-91.92	0.00061	-197.99	-99.00	0.00072
-190.92	-106.07	0.00084	-183.85	-113.14	0.00098
-176.78	-120.21	0.00112	-169.71	-127.28	0.00124
-166.17	-130.81	0.00128	-162.63	-134.35	0.00132
-160.51	-136.47	0.00134	-159.10	-137.89	0.00135
-157.68	-139.30	0.00136	-156.27	-140.71	0.00137
-154.86	-142.13	0.00138	-142.13	-154.86	0.00144
-140.71	-156.27	0.00144	-139.30	-157.68	0.00145
-137.89	-159.10	0.00145	-136.47	-160.51	0.00145
-134.35	-162.63	0.00146	-130.81	-166.17	0.00146
-127.28	-169.71	0.00146	-120.21	-176.78	0.00142
-113.14	-183.85	0.00133	-106.07	-190.92	0.00121
-98.99	-197.99	0.00107	-91.92	-205.06	0.00093
-84.85	-212.13	0.00081	-77.78	-219.20	0.00070
-212.13	-70.71	0.00044	-205.06	-77.78	0.00052
-197.99	-84.85	0.00062	-190.92	-91.92	0.00074
-183.85	-98.99	0.00089	-176.78	-106.07	0.00105
-169.71	-113.14	0.00123	-162.63	-120.21	0.00140
-159.10	-123.74	0.00147	-155.56	-127.28	0.00152

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00155	-152.03	-130.81	0.00156
-150.61	-132.23	0.00158	-149.20	-133.64	0.00159
-147.79	-135.06	0.00160	-135.06	-147.79	0.00167
-133.64	-149.20	0.00168	-132.23	-150.61	0.00169
-130.81	-152.03	0.00169	-129.40	-153.44	0.00170
-127.28	-155.56	0.00170	-123.74	-159.10	0.00171
-120.21	-162.63	0.00169	-113.14	-169.71	0.00161
-106.07	-176.78	0.00147	-98.99	-183.85	0.00130
-91.92	-190.92	0.00113	-84.85	-197.99	0.00097
-77.78	-205.06	0.00083	-70.71	-212.13	0.00071
-205.06	-63.64	0.00044	-197.99	-70.71	0.00052
-190.92	-77.78	0.00062	-183.85	-84.85	0.00076
-176.78	-91.92	0.00092	-169.71	-98.99	0.00112
-162.63	-106.07	0.00134	-155.56	-113.14	0.00157

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-152.03	-116.67	0.00167	-148.49	-120.21	0.00175
-146.37	-122.33	0.00179	-144.96	-123.74	0.00182
-143.54	-125.16	0.00184	-142.13	-126.57	0.00185
-140.71	-127.99	0.00187	-127.99	-140.71	0.00197
-126.57	-142.13	0.00198	-125.16	-143.54	0.00199
-123.74	-144.96	0.00200	-122.33	-146.37	0.00200
-120.21	-148.49	0.00201	-116.67	-152.03	0.00200
-113.14	-155.56	0.00197	-106.07	-162.63	0.00182
-98.99	-169.71	0.00162	-91.92	-176.78	0.00139
-84.85	-183.85	0.00118	-77.78	-190.92	0.00100
-70.71	-197.99	0.00084	-63.64	-205.06	0.00071
-197.99	-56.57	0.00043	-190.92	-63.64	0.00052
-183.85	-70.71	0.00063	-176.78	-77.78	0.00077
-169.71	-84.85	0.00095	-162.63	-91.92	0.00118
-155.56	-98.99	0.00145	-148.49	-106.07	0.00175
-144.96	-109.60	0.00189	-141.42	-113.14	0.00203
-139.30	-115.26	0.00209	-137.89	-116.67	0.00212
-136.47	-118.09	0.00216	-135.06	-119.50	0.00218
-133.64	-120.92	0.00221	-120.92	-133.64	0.00235
-119.50	-135.06	0.00236	-118.09	-136.47	0.00237
-116.67	-137.89	0.00238	-115.26	-139.30	0.00239
-113.14	-141.42	0.00239	-109.60	-144.96	0.00235
-106.07	-148.49	0.00228	-98.99	-155.56	0.00204
-91.92	-162.63	0.00175	-84.85	-169.71	0.00146
-77.78	-176.78	0.00122	-70.71	-183.85	0.00101
-63.64	-190.92	0.00085	-56.57	-197.99	0.00071

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08
18:13:13
**MODELOPTS:
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*** Maximum train overlap at NE/SW Bound Direction ***

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00043	-183.85	-56.57	0.00052
-176.78	-63.64	0.00063	-169.71	-70.71	0.00077
-162.63	-77.78	0.00096	-155.56	-84.85	0.00121
-148.49	-91.92	0.00153	-141.42	-98.99	0.00192
-137.89	-102.53	0.00212	-134.35	-106.07	0.00232
-132.23	-108.19	0.00242	-130.81	-109.60	0.00248
-129.40	-111.02	0.00254	-127.99	-112.43	0.00258
-126.57	-113.84	0.00262	-113.84	-126.57	0.00283

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-112.43	-127.99	0.00285	-111.02	-129.40	0.00286
-109.60	-130.81	0.00287	-108.19	-132.23	0.00287
-106.07	-134.35	0.00284	-102.53	-137.89	0.00275
-98.99	-141.42	0.00260	-91.92	-148.49	0.00223
-84.85	-155.56	0.00185	-77.78	-162.63	0.00151
-70.71	-169.71	0.00124	-63.64	-176.78	0.00102
-56.57	-183.85	0.00084	-49.50	-190.92	0.00070
-183.85	-42.43	0.00043	-176.78	-49.50	0.00052
-169.71	-56.57	0.00063	-162.63	-63.64	0.00077
-155.56	-70.71	0.00097	-148.49	-77.78	0.00123
-141.42	-84.85	0.00158	-134.35	-91.92	0.00205
-130.81	-95.46	0.00232	-127.28	-98.99	0.00260
-125.16	-101.12	0.00276	-123.74	-102.53	0.00286
-122.33	-103.94	0.00296	-120.92	-105.36	0.00304
-119.50	-106.77	0.00311	-106.77	-119.50	0.00346
-105.36	-120.92	0.00347	-103.94	-122.33	0.00348
-102.53	-123.74	0.00346	-101.12	-125.16	0.00343
-98.99	-127.28	0.00334	-95.46	-130.81	0.00314
-91.92	-134.35	0.00289	-84.85	-141.42	0.00237
-77.78	-148.49	0.00191	-70.71	-155.56	0.00153
-63.64	-162.63	0.00124	-56.57	-169.71	0.00100
-49.50	-176.78	0.00082	-42.43	-183.85	0.00068
-176.78	-35.36	0.00043	-169.71	-42.43	0.00052
-162.63	-49.50	0.00063	-155.56	-56.57	0.00078
-148.49	-63.64	0.00097	-141.42	-70.71	0.00124
-134.35	-77.78	0.00161	-127.28	-84.85	0.00212
-123.74	-88.39	0.00244	-120.21	-91.92	0.00280
-118.09	-94.05	0.00304	-116.67	-95.46	0.00321
-115.26	-96.87	0.00337	-113.84	-98.29	0.00353
-112.43	-99.70	0.00367	-99.70	-112.43	0.00427
-98.29	-113.84	0.00425	-96.87	-115.26	0.00418
-95.46	-116.67	0.00409	-94.05	-118.09	0.00398

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00379	-88.39	-123.74	0.00344
-84.85	-127.28	0.00309	-77.78	-134.35	0.00245

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-70.71	-141.42	0.00193	-63.64	-148.49	0.00153
-56.57	-155.56	0.00121	-49.50	-162.63	0.00098
-42.43	-169.71	0.00079	-35.36	-176.78	0.00065
-169.71	-28.28	0.00045	-162.63	-35.36	0.00053
-155.56	-42.43	0.00064	-148.49	-49.50	0.00078
-141.42	-56.57	0.00098	-134.35	-63.64	0.00125
-127.28	-70.71	0.00163	-120.21	-77.78	0.00216
-116.67	-81.32	0.00251	-113.14	-84.85	0.00291
-111.02	-86.97	0.00319	-109.60	-88.39	0.00340
-108.19	-89.80	0.00362	-106.77	-91.22	0.00389
-105.36	-92.63	0.00418	-92.63	-105.36	0.00516
-91.22	-106.77	0.00495	-89.80	-108.19	0.00474
-88.39	-109.60	0.00453	-86.97	-111.02	0.00434
-84.85	-113.14	0.00405	-81.32	-116.67	0.00359
-77.78	-120.21	0.00317	-70.71	-127.28	0.00246
-63.64	-134.35	0.00190	-56.57	-141.42	0.00148
-49.50	-148.49	0.00116	-42.43	-155.56	0.00093
-35.36	-162.63	0.00075	-28.28	-169.71	0.00062
-162.63	-21.21	0.00047	-155.56	-28.28	0.00055
-148.49	-35.36	0.00066	-141.42	-42.43	0.00081
-134.35	-49.50	0.00101	-127.28	-56.57	0.00130
-120.21	-63.64	0.00170	-113.14	-70.71	0.00228
-109.60	-74.25	0.00267	-106.07	-77.78	0.00315
-103.94	-79.90	0.00351	-102.53	-81.32	0.00378
-101.12	-82.73	0.00411	-99.70	-84.15	0.00454
-98.29	-85.56	0.00511	-85.56	-98.29	0.00548
-84.15	-99.70	0.00516	-82.73	-101.12	0.00489
-81.32	-102.53	0.00464	-79.90	-103.94	0.00441
-77.78	-106.07	0.00408	-74.25	-109.60	0.00358
-70.71	-113.14	0.00312	-63.64	-120.21	0.00237
-56.57	-127.28	0.00181	-49.50	-134.35	0.00139
-42.43	-141.42	0.00109	-35.36	-148.49	0.00086
-28.28	-155.56	0.00070	-21.21	-162.63	0.00058
-155.56	-14.14	0.00050	-148.49	-21.21	0.00059
-141.42	-28.28	0.00071	-134.35	-35.36	0.00087
-127.28	-42.43	0.00109	-120.21	-49.50	0.00142
-113.14	-56.57	0.00192	-106.07	-63.64	0.00274
-102.53	-67.18	0.00338	-98.99	-70.71	0.00424

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-96.87	-72.83	0.00488	-95.46	-74.25	0.00536	
-94.05	-75.66	0.00588	-92.63	-77.07	0.00645	
-91.22	-78.49	0.00710	-78.49	-91.22	0.00563	
-77.07	-92.63	0.00523	-75.66	-94.05	0.00490	
-74.25	-95.46	0.00462	-72.83	-96.87	0.00436	
-70.71	-98.99	0.00400	-67.18	-102.53	0.00347	
-63.64	-106.07	0.00300	-56.57	-113.14	0.00224	
-49.50	-120.21	0.00169	-42.43	-127.28	0.00129	
-35.36	-134.35	0.00101	-28.28	-141.42	0.00080	
-21.21	-148.49	0.00065	-14.14	-155.56	0.00054	
-148.49	-7.07	0.00055	-141.42	-14.14	0.00065	
-134.35	-21.21	0.00079	-127.28	-28.28	0.00098	
-120.21	-35.36	0.00126	-113.14	-42.43	0.00169	
-106.07	-49.50	0.00240	-98.99	-56.57	0.00357	
-95.46	-60.10	0.00437	-91.92	-63.64	0.00532	
-89.80	-65.76	0.00595	-88.39	-67.18	0.00641	
-86.97	-68.59	0.00689	-85.56	-70.00	0.00740	
-84.15	-71.42	0.00799	-71.42	-84.15	0.00574	
-70.00	-85.56	0.00528	-68.59	-86.97	0.00490	
-67.18	-88.39	0.00457	-65.76	-89.80	0.00427	
-63.64	-91.92	0.00387	-60.10	-95.46	0.00329	
-56.57	-98.99	0.00281	-49.50	-106.07	0.00206	
-42.43	-113.14	0.00154	-35.36	-120.21	0.00117	
-28.28	-127.28	0.00092	-21.21	-134.35	0.00073	
-14.14	-141.42	0.00060	-7.07	-148.49	0.00050	
-141.42	0.00	0.00062	-134.35	-7.07	0.00075	
-127.28	-14.14	0.00092	-120.21	-21.21	0.00117	
-113.14	-28.28	0.00153	-106.07	-35.36	0.00210	
-98.99	-42.43	0.00298	-91.92	-49.50	0.00421	
-88.39	-53.03	0.00497	-84.85	-56.57	0.00586	
-82.73	-58.69	0.00646	-81.32	-60.10	0.00688	
-79.90	-61.52	0.00733	-78.49	-62.93	0.00781	
-77.07	-64.35	0.00835	-64.35	-77.07	0.00572	
-62.93	-78.49	0.00522	-61.52	-79.90	0.00480	
-60.10	-81.32	0.00444	-58.69	-82.73	0.00411	
-56.57	-84.85	0.00368	-53.03	-88.39	0.00306	
-49.50	-91.92	0.00256	-42.43	-98.99	0.00184	
-35.36	-106.07	0.00137	-28.28	-113.14	0.00105	
-21.21	-120.21	0.00083	-14.14	-127.28	0.00067	
-7.07	-134.35	0.00055	0.00	-141.42	0.00045	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

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**MODELOPTs:

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*** Maximum train overlap at NE/SW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00071	-127.28	0.00	0.00088
-120.21	-7.07	0.00110	-113.14	-14.14	0.00142
-106.07	-21.21	0.00188	-98.99	-28.28	0.00253
-91.92	-35.36	0.00341	-84.85	-42.43	0.00456
-81.32	-45.96	0.00526	-77.78	-49.50	0.00608
-75.66	-51.62	0.00662	-74.25	-53.03	0.00701
-72.83	-54.45	0.00744	-71.42	-55.86	0.00789
-70.00	-57.28	0.00840	-57.28	-70.00	0.00552
-55.86	-71.42	0.00500	-54.45	-72.83	0.00456
-53.03	-74.25	0.00417	-51.62	-75.66	0.00383
-49.50	-77.78	0.00338	-45.96	-81.32	0.00275
-42.43	-84.85	0.00227	-35.36	-91.92	0.00160
-28.28	-98.99	0.00119	-21.21	-106.07	0.00092
-14.14	-113.14	0.00073	-7.07	-120.21	0.00060
0.00	-127.28	0.00049	7.07	-134.35	0.00041
-127.28	14.14	0.00084	-120.21	7.07	0.00104
-113.14	0.00	0.00132	-106.07	-7.07	0.00170
-98.99	-14.14	0.00221	-91.92	-21.21	0.00287
-84.85	-28.28	0.00369	-77.78	-35.36	0.00473
-74.25	-38.89	0.00537	-70.71	-42.43	0.00609
-68.59	-44.55	0.00658	-67.18	-45.96	0.00693
-65.76	-47.38	0.00732	-64.35	-48.79	0.00774
-62.93	-50.20	0.00822	-50.20	-62.93	0.00515
-48.79	-64.35	0.00460	-47.38	-65.76	0.00415
-45.96	-67.18	0.00375	-44.55	-68.59	0.00341
-42.43	-70.71	0.00296	-38.89	-74.25	0.00237
-35.36	-77.78	0.00194	-28.28	-84.85	0.00137
-21.21	-91.92	0.00103	-14.14	-98.99	0.00080
-7.07	-106.07	0.00064	0.00	-113.14	0.00053
7.07	-120.21	0.00044	14.14	-127.28	0.00037
-120.21	21.21	0.00098	-113.14	14.14	0.00122
-106.07	7.07	0.00154	-98.99	0.00	0.00195
-91.92	-7.07	0.00247	-84.85	-14.14	0.00310
-77.78	-21.21	0.00388	-70.71	-28.28	0.00482

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-67.18	-31.82	0.00536	-63.64	-35.36	0.00599
-61.52	-37.48	0.00641	-60.10	-38.89	0.00672
-58.69	-40.31	0.00704	-57.28	-41.72	0.00742
-55.86	-43.13	0.00786	-43.13	-55.86	0.00457
-41.72	-57.28	0.00401	-40.31	-58.69	0.00356
-38.89	-60.10	0.00318	-37.48	-61.52	0.00285

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
 PAGE 90
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00245	-31.82	-67.18	0.00196
-28.28	-70.71	0.00161	-21.21	-77.78	0.00116
-14.14	-84.85	0.00088	-7.07	-91.92	0.00069
0.00	-98.99	0.00056	7.07	-106.07	0.00047
14.14	-113.14	0.00039	21.21	-120.21	0.00034
-113.14	28.28	0.00113	-106.07	21.21	0.00139
-98.99	14.14	0.00173	-91.92	7.07	0.00214
-84.85	0.00	0.00265	-77.78	-7.07	0.00326
-70.71	-14.14	0.00399	-63.64	-21.21	0.00486
-60.10	-24.75	0.00535	-56.57	-28.28	0.00588
-54.45	-30.41	0.00621	-53.03	-31.82	0.00644
-51.62	-33.23	0.00670	-50.20	-34.65	0.00700
-48.79	-36.06	0.00736	-36.06	-48.79	0.00374
-34.65	-50.20	0.00322	-33.23	-51.62	0.00282
-31.82	-53.03	0.00251	-30.41	-54.45	0.00226
-28.28	-56.57	0.00196	-24.75	-60.10	0.00160
-21.21	-63.64	0.00134	-14.14	-70.71	0.00098
-7.07	-77.78	0.00076	0.00	-84.85	0.00061
7.07	-91.92	0.00049	14.14	-98.99	0.00041
21.21	-106.07	0.00035	28.28	-113.14	0.00030
-106.07	35.36	0.00126	-98.99	28.28	0.00153
-91.92	21.21	0.00187	-84.85	14.14	0.00227
-77.78	7.07	0.00276	-70.71	0.00	0.00334
-63.64	-7.07	0.00405	-56.57	-14.14	0.00486
-53.03	-17.68	0.00531	-49.50	-21.21	0.00577
-47.38	-23.33	0.00605	-45.96	-24.75	0.00624
-44.55	-26.16	0.00644	-43.13	-27.58	0.00664
-41.72	-28.99	0.00687	-28.99	-41.72	0.00279

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-27.58	-43.13	0.00245	-26.16	-44.55	0.00219
-24.75	-45.96	0.00198	-23.33	-47.38	0.00182
-21.21	-49.50	0.00161	-17.68	-53.03	0.00134
-14.14	-56.57	0.00114	-7.07	-63.64	0.00086
0.00	-70.71	0.00067	7.07	-77.78	0.00054
14.14	-84.85	0.00045	21.21	-91.92	0.00038
28.28	-98.99	0.00032	35.36	-106.07	0.00028
-98.99	42.43	0.00136	-91.92	35.36	0.00164
-84.85	28.28	0.00196	-77.78	21.21	0.00234
-70.71	14.14	0.00280	-63.64	7.07	0.00335
-56.57	0.00	0.00400	-49.50	-7.07	0.00472
-45.96	-10.61	0.00511	-42.43	-14.14	0.00548

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 91
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00568	-38.89	-17.68	0.00580
-37.48	-19.09	0.00588	-36.06	-20.51	0.00591
-34.65	-21.92	0.00585	-21.92	-34.65	0.00235
-20.51	-36.06	0.00211	-19.09	-37.48	0.00191
-17.68	-38.89	0.00175	-16.26	-40.31	0.00161
-14.14	-42.43	0.00143	-10.61	-45.96	0.00120
-7.07	-49.50	0.00103	0.00	-56.57	0.00078
7.07	-63.64	0.00062	14.14	-70.71	0.00050
21.21	-77.78	0.00041	28.28	-84.85	0.00035
35.36	-91.92	0.00030	42.43	-98.99	0.00026
-91.92	49.50	0.00144	-84.85	42.43	0.00169
-77.78	35.36	0.00200	-70.71	28.28	0.00235
-63.64	21.21	0.00276	-56.57	14.14	0.00324
-49.50	7.07	0.00374	-42.43	0.00	0.00419
-38.89	-3.54	0.00430	-35.36	-7.07	0.00428
-33.23	-9.19	0.00418	-31.82	-10.61	0.00410
-30.41	-12.02	0.00399	-28.99	-13.44	0.00386
-27.58	-14.85	0.00371	-14.85	-27.58	0.00200
-13.44	-28.99	0.00185	-12.02	-30.41	0.00171
-10.61	-31.82	0.00158	-9.19	-33.23	0.00146
-7.07	-35.36	0.00131	-3.54	-38.89	0.00110
0.00	-42.43	0.00094	7.07	-49.50	0.00072

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

14.14	-56.57	0.00057	21.21	-63.64	0.00046
28.28	-70.71	0.00038	35.36	-77.78	0.00032
42.43	-84.85	0.00028	49.50	-91.92	0.00024
-84.85	56.57	0.00147	-77.78	49.50	0.00171
-70.71	42.43	0.00198	-63.64	35.36	0.00228
-56.57	28.28	0.00261	-49.50	21.21	0.00295
-42.43	14.14	0.00319	-35.36	7.07	0.00323
-31.82	3.54	0.00315	-28.28	0.00	0.00302
-26.16	-2.12	0.00293	-24.75	-3.54	0.00286
-23.33	-4.95	0.00278	-21.92	-6.36	0.00269
-20.51	-7.78	0.00260	-7.78	-20.51	0.00164
-6.36	-21.92	0.00154	-4.95	-23.33	0.00145
-3.54	-24.75	0.00136	-2.12	-26.16	0.00128
0.00	-28.28	0.00117	3.54	-31.82	0.00101
7.07	-35.36	0.00087	14.14	-42.43	0.00067
21.21	-49.50	0.00053	28.28	-56.57	0.00043
35.36	-63.64	0.00035	42.43	-70.71	0.00030
49.50	-77.78	0.00026	56.57	-84.85	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00147	-70.71	56.57	0.00167
-63.64	49.50	0.00189	-56.57	42.43	0.00212
-49.50	35.36	0.00234	-42.43	28.28	0.00249
-35.36	21.21	0.00252	-28.28	14.14	0.00242
-24.75	10.61	0.00235	-21.21	7.07	0.00224
-19.09	4.95	0.00217	-17.68	3.54	0.00212
-16.26	2.12	0.00206	-14.85	0.71	0.00201
-13.44	-0.71	0.00195	-0.71	-13.44	0.00133
0.71	-14.85	0.00127	2.12	-16.26	0.00121
3.54	-17.68	0.00115	4.95	-19.09	0.00110
7.07	-21.21	0.00102	10.61	-24.75	0.00090
14.14	-28.28	0.00080	21.21	-35.36	0.00062
28.28	-42.43	0.00049	35.36	-49.50	0.00040
42.43	-56.57	0.00033	49.50	-63.64	0.00028
56.57	-70.71	0.00024	63.64	-77.78	0.00021
-70.71	70.71	0.00142	-63.64	63.64	0.00159

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-56.57	56.57	0.00175	-49.50	49.50	0.00189
-42.43	42.43	0.00198	-35.36	35.36	0.00201
-28.28	28.28	0.00197	-21.21	21.21	0.00188
-17.68	17.68	0.00181	-14.14	14.14	0.00173
-12.02	12.02	0.00167	-10.61	10.61	0.00164
-9.19	9.19	0.00160	-7.78	7.78	0.00157
-6.36	6.36	0.00153	6.36	-6.36	0.00110
7.78	-7.78	0.00106	9.19	-9.19	0.00101
10.61	-10.61	0.00097	12.02	-12.02	0.00094
14.14	-14.14	0.00088	17.68	-17.68	0.00079
21.21	-21.21	0.00071	28.28	-28.28	0.00057
35.36	-35.36	0.00047	42.43	-42.43	0.00038
49.50	-49.50	0.00031	56.57	-56.57	0.00026
63.64	-63.64	0.00023	70.71	-70.71	0.00020
-63.64	77.78	0.00134	-56.57	70.71	0.00145
-49.50	63.64	0.00155	-42.43	56.57	0.00161
-35.36	49.50	0.00164	-28.28	42.43	0.00162
-21.21	35.36	0.00157	-14.14	28.28	0.00149
-10.61	24.75	0.00143	-7.07	21.21	0.00137
-4.95	19.09	0.00133	-3.54	17.68	0.00131
-2.12	16.26	0.00129	-0.71	14.85	0.00126
0.71	13.44	0.00123	13.44	0.71	0.00092
14.85	-0.71	0.00089	16.26	-2.12	0.00086
17.68	-3.54	0.00083	19.09	-4.95	0.00080

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00076	24.75	-10.61	0.00069
28.28	-14.14	0.00063	35.36	-21.21	0.00052
42.43	-28.28	0.00043	49.50	-35.36	0.00036
56.57	-42.43	0.00030	63.64	-49.50	0.00025
70.71	-56.57	0.00022	77.78	-63.64	0.00019
-56.57	84.85	0.00122	-49.50	77.78	0.00129
-42.43	70.71	0.00134	-35.36	63.64	0.00136
-28.28	56.57	0.00135	-21.21	49.50	0.00133
-14.14	42.43	0.00128	-7.07	35.36	0.00120
-3.54	31.82	0.00116	0.00	28.28	0.00112

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

2.12	26.16	0.00109	3.54	24.75	0.00107
4.95	23.33	0.00106	6.36	21.92	0.00104
7.78	20.51	0.00102	20.51	7.78	0.00078
21.92	6.36	0.00076	23.33	4.95	0.00073
24.75	3.54	0.00071	26.16	2.12	0.00069
28.28	0.00	0.00066	31.82	-3.54	0.00061
35.36	-7.07	0.00056	42.43	-14.14	0.00047
49.50	-21.21	0.00040	56.57	-28.28	0.00034
63.64	-35.36	0.00029	70.71	-42.43	0.00024
77.78	-49.50	0.00021	84.85	-56.57	0.00018
-49.50	91.92	0.00109	-42.43	84.85	0.00112
-35.36	77.78	0.00114	-28.28	70.71	0.00114
-21.21	63.64	0.00113	-14.14	56.57	0.00110
-7.07	49.50	0.00106	0.00	42.43	0.00099
3.54	38.89	0.00096	7.07	35.36	0.00093
9.19	33.23	0.00091	10.61	31.82	0.00090
12.02	30.41	0.00088	13.44	28.99	0.00087
14.85	27.58	0.00085	27.58	14.85	0.00067
28.99	13.44	0.00065	30.41	12.02	0.00063
31.82	10.61	0.00061	33.23	9.19	0.00060
35.36	7.07	0.00057	38.89	3.54	0.00053
42.43	0.00	0.00050	49.50	-7.07	0.00043
56.57	-14.14	0.00037	63.64	-21.21	0.00031
70.71	-28.28	0.00027	77.78	-35.36	0.00023
84.85	-42.43	0.00020	91.92	-49.50	0.00017
-42.43	98.99	0.00096	-35.36	91.92	0.00097
-28.28	84.85	0.00098	-21.21	77.78	0.00097
-14.14	70.71	0.00096	-7.07	63.64	0.00093
0.00	56.57	0.00089	7.07	49.50	0.00083
10.61	45.96	0.00081	14.14	42.43	0.00079

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00077	17.68	38.89	0.00076
19.09	37.48	0.00075	20.51	36.06	0.00074
21.92	34.65	0.00072	34.65	21.92	0.00058
36.06	20.51	0.00057	37.48	19.09	0.00055

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

38.89	17.68	0.00054	40.31	16.26	0.00052
42.43	14.14	0.00050	45.96	10.61	0.00047
49.50	7.07	0.00044	56.57	0.00	0.00039
63.64	-7.07	0.00034	70.71	-14.14	0.00029
77.78	-21.21	0.00025	84.85	-28.28	0.00022
91.92	-35.36	0.00019	98.99	-42.43	0.00017
-35.36	106.07	0.00084	-28.28	98.99	0.00084
-21.21	91.92	0.00084	-14.14	84.85	0.00084
-7.07	77.78	0.00082	0.00	70.71	0.00079
7.07	63.64	0.00075	14.14	56.57	0.00071
17.68	53.03	0.00069	21.21	49.50	0.00067
23.33	47.38	0.00066	24.75	45.96	0.00065
26.16	44.55	0.00064	27.58	43.13	0.00063
28.99	41.72	0.00062	41.72	28.99	0.00051
43.13	27.58	0.00050	44.55	26.16	0.00048
45.96	24.75	0.00047	47.38	23.33	0.00046
49.50	21.21	0.00044	53.03	17.68	0.00042
56.57	14.14	0.00040	63.64	7.07	0.00035
70.71	0.00	0.00031	77.78	-7.07	0.00027
84.85	-14.14	0.00024	91.92	-21.21	0.00021
98.99	-28.28	0.00018	106.07	-35.36	0.00016
-28.28	113.14	0.00074	-21.21	106.07	0.00074
-14.14	98.99	0.00074	-7.07	91.92	0.00073
0.00	84.85	0.00071	7.07	77.78	0.00068
14.14	70.71	0.00065	21.21	63.64	0.00062
24.75	60.10	0.00060	28.28	56.57	0.00058
30.41	54.45	0.00057	31.82	53.03	0.00057
33.23	51.62	0.00056	34.65	50.20	0.00055
36.06	48.79	0.00054	48.79	36.06	0.00045
50.20	34.65	0.00044	51.62	33.23	0.00043
53.03	31.82	0.00042	54.45	30.41	0.00041
56.57	28.28	0.00040	60.10	24.75	0.00038
63.64	21.21	0.00036	70.71	14.14	0.00032
77.78	7.07	0.00028	84.85	0.00	0.00025
91.92	-7.07	0.00022	98.99	-14.14	0.00020
106.07	-21.21	0.00017	113.14	-28.28	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00065	-14.14	113.14	0.00065
-7.07	106.07	0.00065	0.00	98.99	0.00063
7.07	91.92	0.00061	14.14	84.85	0.00059
21.21	77.78	0.00056	28.28	70.71	0.00054
31.82	67.18	0.00053	35.36	63.64	0.00051
37.48	61.52	0.00050	38.89	60.10	0.00050
40.31	58.69	0.00049	41.72	57.28	0.00048
43.13	55.86	0.00048	55.86	43.13	0.00040
57.28	41.72	0.00039	58.69	40.31	0.00038
60.10	38.89	0.00037	61.52	37.48	0.00037
63.64	35.36	0.00035	67.18	31.82	0.00034
70.71	28.28	0.00032	77.78	21.21	0.00029
84.85	14.14	0.00026	91.92	7.07	0.00023
98.99	0.00	0.00021	106.07	-7.07	0.00019
113.14	-14.14	0.00017	120.21	-21.21	0.00015
-14.14	127.28	0.00058	-7.07	120.21	0.00058
0.00	113.14	0.00057	7.07	106.07	0.00056
14.14	98.99	0.00054	21.21	91.92	0.00052
28.28	84.85	0.00049	35.36	77.78	0.00047
38.89	74.25	0.00046	42.43	70.71	0.00045
44.55	68.59	0.00044	45.96	67.18	0.00044
47.38	65.76	0.00043	48.79	64.35	0.00043
50.20	62.93	0.00042	62.93	50.20	0.00036
64.35	48.79	0.00035	65.76	47.38	0.00034
67.18	45.96	0.00034	68.59	44.55	0.00033
70.71	42.43	0.00032	74.25	38.89	0.00030
77.78	35.36	0.00029	84.85	28.28	0.00026
91.92	21.21	0.00024	98.99	14.14	0.00022
106.07	7.07	0.00020	113.14	0.00	0.00018
120.21	-7.07	0.00016	127.28	-14.14	0.00014
-7.07	134.35	0.00052	0.00	127.28	0.00051
7.07	120.21	0.00051	14.14	113.14	0.00049
21.21	106.07	0.00047	28.28	98.99	0.00045
35.36	91.92	0.00044	42.43	84.85	0.00042
45.96	81.32	0.00041	49.50	77.78	0.00040
51.62	75.66	0.00040	53.03	74.25	0.00039
54.45	72.83	0.00039	55.86	71.42	0.00038
57.28	70.00	0.00038	70.00	57.28	0.00032
71.42	55.86	0.00031	72.83	54.45	0.00031
74.25	53.03	0.00030	75.66	51.62	0.00030

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
77.78	49.50	0.00029	81.32	45.96	0.00028	
84.85	42.43	0.00026	91.92	35.36	0.00024	
98.99	28.28	0.00022	106.07	21.21	0.00020	
113.14	14.14	0.00018	120.21	7.07	0.00017	
127.28	0.00	0.00015	134.35	-7.07	0.00013	
0.00	141.42	0.00047	7.07	134.35	0.00046	
14.14	127.28	0.00045	21.21	120.21	0.00044	
28.28	113.14	0.00042	35.36	106.07	0.00040	
42.43	98.99	0.00039	49.50	91.92	0.00038	
53.03	88.39	0.00037	56.57	84.85	0.00036	
58.69	82.73	0.00035	60.10	81.32	0.00035	
61.52	79.90	0.00035	62.93	78.49	0.00034	
64.35	77.07	0.00034	77.07	64.35	0.00029	
78.49	62.93	0.00029	79.90	61.52	0.00028	
81.32	60.10	0.00028	82.73	58.69	0.00027	
84.85	56.57	0.00026	88.39	53.03	0.00025	
91.92	49.50	0.00024	98.99	42.43	0.00022	
106.07	35.36	0.00020	113.14	28.28	0.00019	
120.21	21.21	0.00017	127.28	14.14	0.00016	
134.35	7.07	0.00014	141.42	0.00	0.00013	
7.07	148.49	0.00042	14.14	141.42	0.00041	
21.21	134.35	0.00040	28.28	127.28	0.00039	
35.36	120.21	0.00038	42.43	113.14	0.00036	
49.50	106.07	0.00035	56.57	98.99	0.00034	
60.10	95.46	0.00033	63.64	91.92	0.00032	
65.76	89.80	0.00032	67.18	88.39	0.00032	
68.59	86.97	0.00031	70.00	85.56	0.00031	
71.42	84.15	0.00030	84.15	71.42	0.00026	
85.56	70.00	0.00026	86.97	68.59	0.00026	
88.39	67.18	0.00025	89.80	65.76	0.00025	
91.92	63.64	0.00024	95.46	60.10	0.00023	
98.99	56.57	0.00022	106.07	49.50	0.00021	
113.14	42.43	0.00019	120.21	35.36	0.00017	
127.28	28.28	0.00016	134.35	21.21	0.00015	
141.42	14.14	0.00013	148.49	7.07	0.00012	
14.14	155.56	0.00038	21.21	148.49	0.00037	

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

28.28	141.42	0.00036	35.36	134.35	0.00035
42.43	127.28	0.00034	49.50	120.21	0.00033
56.57	113.14	0.00032	63.64	106.07	0.00031
67.18	102.53	0.00030	70.71	98.99	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00029	74.25	95.46	0.00029
75.66	94.05	0.00028	77.07	92.63	0.00028
78.49	91.22	0.00028	91.22	78.49	0.00024
92.63	77.07	0.00024	94.05	75.66	0.00023
95.46	74.25	0.00023	96.87	72.83	0.00023
98.99	70.71	0.00022	102.53	67.18	0.00021
106.07	63.64	0.00020	113.14	56.57	0.00019
120.21	49.50	0.00018	127.28	42.43	0.00016
134.35	35.36	0.00015	141.42	28.28	0.00014
148.49	21.21	0.00013	155.56	14.14	0.00012
21.21	162.63	0.00034	28.28	155.56	0.00034
35.36	148.49	0.00033	42.43	141.42	0.00032
49.50	134.35	0.00031	56.57	127.28	0.00030
63.64	120.21	0.00029	70.71	113.14	0.00028
74.25	109.60	0.00027	77.78	106.07	0.00027
79.90	103.94	0.00026	81.32	102.53	0.00026
82.73	101.12	0.00026	84.15	99.70	0.00025
85.56	98.29	0.00025	98.29	85.56	0.00022
99.70	84.15	0.00022	101.12	82.73	0.00021
102.53	81.32	0.00021	103.94	79.90	0.00021
106.07	77.78	0.00020	109.60	74.25	0.00020
113.14	70.71	0.00019	120.21	63.64	0.00018
127.28	56.57	0.00016	134.35	49.50	0.00015
141.42	42.43	0.00014	148.49	35.36	0.00013
155.56	28.28	0.00012	162.63	21.21	0.00011
28.28	169.71	0.00031	35.36	162.63	0.00031
42.43	155.56	0.00030	49.50	148.49	0.00029
56.57	141.42	0.00028	63.64	134.35	0.00027
70.71	127.28	0.00026	77.78	120.21	0.00025
81.32	116.67	0.00025	84.85	113.14	0.00024

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

86.97	111.02	0.00024	88.39	109.60	0.00024
89.80	108.19	0.00024	91.22	106.77	0.00023
92.63	105.36	0.00023	105.36	92.63	0.00020
106.77	91.22	0.00020	108.19	89.80	0.00020
109.60	88.39	0.00019	111.02	86.97	0.00019
113.14	84.85	0.00019	116.67	81.32	0.00018
120.21	77.78	0.00018	127.28	70.71	0.00016
134.35	63.64	0.00015	141.42	56.57	0.00014
148.49	49.50	0.00013	155.56	42.43	0.00012
162.63	35.36	0.00011	169.71	28.28	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00029	42.43	169.71	0.00028
49.50	162.63	0.00027	56.57	155.56	0.00026
63.64	148.49	0.00025	70.71	141.42	0.00025
77.78	134.35	0.00024	84.85	127.28	0.00023
88.39	123.74	0.00023	91.92	120.21	0.00022
94.05	118.09	0.00022	95.46	116.67	0.00022
96.87	115.26	0.00022	98.29	113.84	0.00021
99.70	112.43	0.00021	112.43	99.70	0.00019
113.84	98.29	0.00019	115.26	96.87	0.00018
116.67	95.46	0.00018	118.09	94.05	0.00018
120.21	91.92	0.00017	123.74	88.39	0.00017
127.28	84.85	0.00016	134.35	77.78	0.00015
141.42	70.71	0.00014	148.49	63.64	0.00013
155.56	56.57	0.00013	162.63	49.50	0.00012
169.71	42.43	0.00011	176.78	35.36	0.00010
42.43	183.85	0.00026	49.50	176.78	0.00025
56.57	169.71	0.00025	63.64	162.63	0.00024
70.71	155.56	0.00023	77.78	148.49	0.00023
84.85	141.42	0.00022	91.92	134.35	0.00021
95.46	130.81	0.00021	98.99	127.28	0.00021
101.12	125.16	0.00020	102.53	123.74	0.00020
103.94	122.33	0.00020	105.36	120.92	0.00020
106.77	119.50	0.00020	119.50	106.77	0.00017
120.92	105.36	0.00017	122.33	103.94	0.00017

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

123.74	102.53	0.00017	125.16	101.12	0.00017
127.28	98.99	0.00016	130.81	95.46	0.00016
134.35	91.92	0.00015	141.42	84.85	0.00014
148.49	77.78	0.00013	155.56	70.71	0.00013
162.63	63.64	0.00012	169.71	56.57	0.00011
176.78	49.50	0.00010	183.85	42.43	0.00010
49.50	190.92	0.00024	56.57	183.85	0.00023
63.64	176.78	0.00023	70.71	169.71	0.00022
77.78	162.63	0.00022	84.85	155.56	0.00021
91.92	148.49	0.00020	98.99	141.42	0.00020
102.53	137.89	0.00019	106.07	134.35	0.00019
108.19	132.23	0.00019	109.60	130.81	0.00019
111.02	129.40	0.00018	112.43	127.99	0.00018
113.84	126.57	0.00018	126.57	113.84	0.00016
127.99	112.43	0.00016	129.40	111.02	0.00016
130.81	109.60	0.00016	132.23	108.19	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00015	137.89	102.53	0.00015
141.42	98.99	0.00014	148.49	91.92	0.00013
155.56	84.85	0.00013	162.63	77.78	0.00012
169.71	70.71	0.00011	176.78	63.64	0.00010
183.85	56.57	0.00010	190.92	49.50	0.00009
56.57	197.99	0.00022	63.64	190.92	0.00022
70.71	183.85	0.00021	77.78	176.78	0.00020
84.85	169.71	0.00020	91.92	162.63	0.00019
98.99	155.56	0.00019	106.07	148.49	0.00018
109.60	144.96	0.00018	113.14	141.42	0.00018
115.26	139.30	0.00017	116.67	137.89	0.00017
118.09	136.47	0.00017	119.50	135.06	0.00017
120.92	133.64	0.00017	133.64	120.92	0.00015
135.06	119.50	0.00015	136.47	118.09	0.00015
137.89	116.67	0.00015	139.30	115.26	0.00014
141.42	113.14	0.00014	144.96	109.60	0.00014
148.49	106.07	0.00013	155.56	98.99	0.00013
162.63	91.92	0.00012	169.71	84.85	0.00011

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

176.78	77.78	0.00011	183.85	70.71	0.00010
190.92	63.64	0.00009	197.99	56.57	0.00009
63.64	205.06	0.00020	70.71	197.99	0.00020
77.78	190.92	0.00019	84.85	183.85	0.00019
91.92	176.78	0.00019	98.99	169.71	0.00018
106.07	162.63	0.00018	113.14	155.56	0.00017
116.67	152.03	0.00017	120.21	148.49	0.00016
122.33	146.37	0.00016	123.74	144.96	0.00016
125.16	143.54	0.00016	126.57	142.13	0.00016
127.99	140.71	0.00016	140.71	127.99	0.00014
142.13	126.57	0.00014	143.54	125.16	0.00014
144.96	123.74	0.00014	146.37	122.33	0.00013
148.49	120.21	0.00013	152.03	116.67	0.00013
155.56	113.14	0.00012	162.63	106.07	0.00012
169.71	98.99	0.00011	176.78	91.92	0.00011
183.85	84.85	0.00010	190.92	77.78	0.00009
197.99	70.71	0.00009	205.06	63.64	0.00008
70.71	212.13	0.00019	77.78	205.06	0.00018
84.85	197.99	0.00018	91.92	190.92	0.00018
98.99	183.85	0.00017	106.07	176.78	0.00017
113.14	169.71	0.00016	120.21	162.63	0.00016
123.74	159.10	0.00016	127.28	155.56	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

18:13:13

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00015	130.81	152.03	0.00015
132.23	150.61	0.00015	133.64	149.20	0.00015
135.06	147.79	0.00015	147.79	135.06	0.00013
149.20	133.64	0.00013	150.61	132.23	0.00013
152.03	130.81	0.00013	153.44	129.40	0.00013
155.56	127.28	0.00012	159.10	123.74	0.00012
162.63	120.21	0.00012	169.71	113.14	0.00011
176.78	106.07	0.00011	183.85	98.99	0.00010
190.92	91.92	0.00009	197.99	84.85	0.00009
205.06	77.78	0.00008	212.13	70.71	0.00008
77.78	219.20	0.00018	84.85	212.13	0.00017
91.92	205.06	0.00017	98.99	197.99	0.00016

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

106.07	190.92	0.00016	113.14	183.85	0.00016
120.21	176.78	0.00015	127.28	169.71	0.00015
130.81	166.17	0.00015	134.35	162.63	0.00014
136.47	160.51	0.00014	137.89	159.10	0.00014
139.30	157.68	0.00014	140.71	156.27	0.00014
142.13	154.86	0.00014	154.86	142.13	0.00012
156.27	140.71	0.00012	157.68	139.30	0.00012
159.10	137.89	0.00012	160.51	136.47	0.00012
162.63	134.35	0.00012	166.17	130.81	0.00011
169.71	127.28	0.00011	176.78	120.21	0.00010
183.85	113.14	0.00010	190.92	106.07	0.00009
197.99	98.99	0.00009	205.06	91.92	0.00009
212.13	84.85	0.00008	219.20	77.78	0.00008
84.85	226.27	0.00016	91.92	219.20	0.00016
98.99	212.13	0.00016	106.07	205.06	0.00015
113.14	197.99	0.00015	120.21	190.92	0.00015
127.28	183.85	0.00014	134.35	176.78	0.00014
137.89	173.24	0.00014	141.42	169.71	0.00013
143.54	167.58	0.00013	144.96	166.17	0.00013
146.37	164.76	0.00013	147.79	163.34	0.00013
149.20	161.93	0.00013	161.93	149.20	0.00012
163.34	147.79	0.00012	164.76	146.37	0.00011
166.17	144.96	0.00011	167.58	143.54	0.00011
169.71	141.42	0.00011	173.24	137.89	0.00011
176.78	134.35	0.00010	183.85	127.28	0.00010
190.92	120.21	0.00009	197.99	113.14	0.00009
205.06	106.07	0.00009	212.13	98.99	0.00008
219.20	91.92	0.00008	226.27	84.85	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00015	98.99	226.27	0.00015
106.07	219.20	0.00015	113.14	212.13	0.00014
120.21	205.06	0.00014	127.28	197.99	0.00014
134.35	190.92	0.00013	141.42	183.85	0.00013
144.96	180.31	0.00013	148.49	176.78	0.00013
150.61	174.66	0.00012	152.03	173.24	0.00012

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

153.44	171.83	0.00012	154.86	170.41	0.00012
156.27	169.00	0.00012	169.00	156.27	0.00011
170.41	154.86	0.00011	171.83	153.44	0.00011
173.24	152.03	0.00011	174.66	150.61	0.00011
176.78	148.49	0.00010	180.31	144.96	0.00010
183.85	141.42	0.00010	190.92	134.35	0.00009
197.99	127.28	0.00009	205.06	120.21	0.00009
212.13	113.14	0.00008	219.20	106.07	0.00008
226.27	98.99	0.00007	233.35	91.92	0.00007
98.99	240.42	0.00014	106.07	233.35	0.00014
113.14	226.27	0.00014	120.21	219.20	0.00014
127.28	212.13	0.00013	134.35	205.06	0.00013
141.42	197.99	0.00013	148.49	190.92	0.00012
152.03	187.38	0.00012	155.56	183.85	0.00012
157.68	181.73	0.00012	159.10	180.31	0.00012
160.51	178.90	0.00012	161.93	177.48	0.00011
163.34	176.07	0.00011	176.07	163.34	0.00010
177.48	161.93	0.00010	178.90	160.51	0.00010
180.31	159.10	0.00010	181.73	157.68	0.00010
183.85	155.56	0.00010	187.38	152.03	0.00010
190.92	148.49	0.00009	197.99	141.42	0.00009
205.06	134.35	0.00009	212.13	127.28	0.00008
219.20	120.21	0.00008	226.27	113.14	0.00007
233.35	106.07	0.00007	240.42	98.99	0.00007
106.07	247.49	0.00013	113.14	240.42	0.00013
120.21	233.35	0.00013	127.28	226.27	0.00013
134.35	219.20	0.00012	141.42	212.13	0.00012
148.49	205.06	0.00012	155.56	197.99	0.00012
159.10	194.45	0.00011	162.63	190.92	0.00011
164.76	188.80	0.00011	166.17	187.38	0.00011
167.58	185.97	0.00011	169.00	184.55	0.00011
170.41	183.14	0.00011	183.14	170.41	0.00010
184.55	169.00	0.00010	185.97	167.58	0.00010
187.38	166.17	0.00010	188.80	164.76	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

----- X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC -----

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

190.92	162.63	0.00009	194.45	159.10	0.00009
197.99	155.56	0.00009	205.06	148.49	0.00008
212.13	141.42	0.00008	219.20	134.35	0.00008
226.27	127.28	0.00007	233.35	120.21	0.00007
240.42	113.14	0.00007	247.49	106.07	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00043	-240.42	-113.14	0.00052
-233.35	-120.21	0.00063	-226.27	-127.28	0.00077
-219.20	-134.35	0.00097	-212.13	-141.42	0.00123
-205.06	-148.49	0.00158	-197.99	-155.56	0.00205
-194.45	-159.10	0.00232	-190.92	-162.63	0.00260
-188.80	-164.76	0.00276	-187.38	-166.17	0.00286
-185.97	-167.58	0.00296	-184.55	-169.00	0.00304
-183.14	-170.41	0.00311	-170.41	-183.14	0.00346
-169.00	-184.55	0.00347	-167.58	-185.97	0.00348
-166.17	-187.38	0.00346	-164.76	-188.80	0.00343
-162.63	-190.92	0.00334	-159.10	-194.45	0.00314
-155.56	-197.99	0.00289	-148.49	-205.06	0.00237
-141.42	-212.13	0.00191	-134.35	-219.20	0.00153
-127.28	-226.27	0.00124	-120.21	-233.35	0.00100
-113.14	-240.42	0.00082	-106.07	-247.49	0.00068
-240.42	-98.99	0.00043	-233.35	-106.07	0.00052
-226.27	-113.14	0.00063	-219.20	-120.21	0.00078
-212.13	-127.28	0.00097	-205.06	-134.35	0.00124
-197.99	-141.42	0.00161	-190.92	-148.49	0.00212
-187.38	-152.03	0.00244	-183.85	-155.56	0.00280
-181.73	-157.68	0.00304	-180.31	-159.10	0.00321
-178.90	-160.51	0.00337	-177.48	-161.93	0.00353
-176.07	-163.34	0.00367	-163.34	-176.07	0.00427
-161.93	-177.48	0.00425	-160.51	-178.90	0.00418
-159.10	-180.31	0.00409	-157.68	-181.73	0.00398
-155.56	-183.85	0.00379	-152.03	-187.38	0.00344
-148.49	-190.92	0.00309	-141.42	-197.99	0.00245
-134.35	-205.06	0.00193	-127.28	-212.13	0.00153
-120.21	-219.20	0.00121	-113.14	-226.27	0.00098

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-106.07	-233.35	0.00079	-98.99	-240.42	0.00065
-233.35	-91.92	0.00045	-226.27	-99.00	0.00053
-219.20	-106.07	0.00064	-212.13	-113.14	0.00078
-205.06	-120.21	0.00098	-197.99	-127.28	0.00125
-190.92	-134.35	0.00163	-183.85	-141.42	0.00216
-180.31	-144.96	0.00251	-176.78	-148.49	0.00291
-174.66	-150.61	0.00319	-173.24	-152.03	0.00340
-171.83	-153.44	0.00362	-170.41	-154.86	0.00389
-169.00	-156.27	0.00418	-156.27	-169.00	0.00516
-154.86	-170.41	0.00495	-153.44	-171.83	0.00474
-152.03	-173.24	0.00453	-150.61	-174.66	0.00434

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00405	-144.96	-180.31	0.00359
-141.42	-183.85	0.00317	-134.35	-190.92	0.00246
-127.28	-197.99	0.00190	-120.21	-205.06	0.00148
-113.14	-212.13	0.00116	-106.07	-219.20	0.00093
-98.99	-226.27	0.00075	-91.92	-233.35	0.00062
-226.27	-84.85	0.00047	-219.20	-91.92	0.00055
-212.13	-99.00	0.00066	-205.06	-106.07	0.00081
-197.99	-113.14	0.00101	-190.92	-120.21	0.00130
-183.85	-127.28	0.00170	-176.78	-134.35	0.00228
-173.24	-137.89	0.00267	-169.71	-141.42	0.00315
-167.58	-143.54	0.00351	-166.17	-144.96	0.00378
-164.76	-146.37	0.00411	-163.34	-147.79	0.00454
-161.93	-149.20	0.00511	-149.20	-161.93	0.00548
-147.79	-163.34	0.00516	-146.37	-164.76	0.00489
-144.96	-166.17	0.00464	-143.54	-167.58	0.00441
-141.42	-169.71	0.00408	-137.89	-173.24	0.00358
-134.35	-176.78	0.00312	-127.28	-183.85	0.00237
-120.21	-190.92	0.00181	-113.14	-197.99	0.00139
-106.07	-205.06	0.00109	-98.99	-212.13	0.00086
-91.92	-219.20	0.00070	-84.85	-226.27	0.00058
-219.20	-77.78	0.00050	-212.13	-84.85	0.00059
-205.06	-91.92	0.00071	-197.99	-99.00	0.00087
-190.92	-106.07	0.00109	-183.85	-113.14	0.00142

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-176.78	-120.21	0.00192	-169.71	-127.28	0.00274
-166.17	-130.81	0.00338	-162.63	-134.35	0.00424
-160.51	-136.47	0.00488	-159.10	-137.89	0.00536
-157.68	-139.30	0.00588	-156.27	-140.71	0.00645
-154.86	-142.13	0.00710	-142.13	-154.86	0.00563
-140.71	-156.27	0.00523	-139.30	-157.68	0.00490
-137.89	-159.10	0.00462	-136.47	-160.51	0.00436
-134.35	-162.63	0.00400	-130.81	-166.17	0.00347
-127.28	-169.71	0.00300	-120.21	-176.78	0.00224
-113.14	-183.85	0.00169	-106.07	-190.92	0.00129
-98.99	-197.99	0.00101	-91.92	-205.06	0.00080
-84.85	-212.13	0.00065	-77.78	-219.20	0.00054
-212.13	-70.71	0.00055	-205.06	-77.78	0.00065
-197.99	-84.85	0.00079	-190.92	-91.92	0.00098
-183.85	-98.99	0.00126	-176.78	-106.07	0.00169
-169.71	-113.14	0.00240	-162.63	-120.21	0.00357
-159.10	-123.74	0.00437	-155.56	-127.28	0.00532

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:
 PAGE 105

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00595	-152.03	-130.81	0.00641
-150.61	-132.23	0.00689	-149.20	-133.64	0.00740
-147.79	-135.06	0.00799	-135.06	-147.79	0.00575
-133.64	-149.20	0.00528	-132.23	-150.61	0.00490
-130.81	-152.03	0.00457	-129.40	-153.44	0.00427
-127.28	-155.56	0.00387	-123.74	-159.10	0.00329
-120.21	-162.63	0.00281	-113.14	-169.71	0.00206
-106.07	-176.78	0.00154	-98.99	-183.85	0.00117
-91.92	-190.92	0.00092	-84.85	-197.99	0.00073
-77.78	-205.06	0.00060	-70.71	-212.13	0.00050
-205.06	-63.64	0.00062	-197.99	-70.71	0.00075
-190.92	-77.78	0.00092	-183.85	-84.85	0.00117
-176.78	-91.92	0.00153	-169.71	-98.99	0.00210
-162.63	-106.07	0.00298	-155.56	-113.14	0.00421
-152.03	-116.67	0.00497	-148.49	-120.21	0.00586
-146.37	-122.33	0.00646	-144.96	-123.74	0.00688
-143.54	-125.16	0.00733	-142.13	-126.57	0.00781

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-140.71	-127.99	0.00835	-127.99	-140.71	0.00572
-126.57	-142.13	0.00522	-125.16	-143.54	0.00480
-123.74	-144.96	0.00444	-122.33	-146.37	0.00411
-120.21	-148.49	0.00368	-116.67	-152.03	0.00306
-113.14	-155.56	0.00256	-106.07	-162.63	0.00184
-98.99	-169.71	0.00137	-91.92	-176.78	0.00105
-84.85	-183.85	0.00083	-77.78	-190.92	0.00067
-70.71	-197.99	0.00055	-63.64	-205.06	0.00045
-197.99	-56.57	0.00071	-190.92	-63.64	0.00088
-183.85	-70.71	0.00110	-176.78	-77.78	0.00142
-169.71	-84.85	0.00188	-162.63	-91.92	0.00253
-155.56	-98.99	0.00341	-148.49	-106.07	0.00456
-144.96	-109.60	0.00526	-141.42	-113.14	0.00608
-139.30	-115.26	0.00662	-137.89	-116.67	0.00701
-136.47	-118.09	0.00744	-135.06	-119.50	0.00789
-133.64	-120.92	0.00840	-120.92	-133.64	0.00552
-119.50	-135.06	0.00500	-118.09	-136.47	0.00456
-116.67	-137.89	0.00417	-115.26	-139.30	0.00383
-113.14	-141.42	0.00338	-109.60	-144.96	0.00275
-106.07	-148.49	0.00227	-98.99	-155.56	0.00160
-91.92	-162.63	0.00119	-84.85	-169.71	0.00092
-77.78	-176.78	0.00073	-70.71	-183.85	0.00060
-63.64	-190.92	0.00049	-56.57	-197.99	0.00041

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00084	-183.85	-56.57	0.00104
-176.78	-63.64	0.00132	-169.71	-70.71	0.00170
-162.63	-77.78	0.00221	-155.56	-84.85	0.00287
-148.49	-91.92	0.00369	-141.42	-98.99	0.00473
-137.89	-102.53	0.00537	-134.35	-106.07	0.00609
-132.23	-108.19	0.00658	-130.81	-109.60	0.00694
-129.40	-111.02	0.00732	-127.99	-112.43	0.00774
-126.57	-113.84	0.00822	-113.84	-126.57	0.00515
-112.43	-127.99	0.00460	-111.02	-129.40	0.00415
-109.60	-130.81	0.00375	-108.19	-132.23	0.00341
-106.07	-134.35	0.00296	-102.53	-137.89	0.00237

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-98.99	-141.42	0.00194	-91.92	-148.49	0.00137
-84.85	-155.56	0.00103	-77.78	-162.63	0.00080
-70.71	-169.71	0.00064	-63.64	-176.78	0.00053
-56.57	-183.85	0.00044	-49.50	-190.92	0.00037
-183.85	-42.43	0.00098	-176.78	-49.50	0.00122
-169.71	-56.57	0.00154	-162.63	-63.64	0.00195
-155.56	-70.71	0.00247	-148.49	-77.78	0.00310
-141.42	-84.85	0.00388	-134.35	-91.92	0.00482
-130.81	-95.46	0.00536	-127.28	-98.99	0.00599
-125.16	-101.12	0.00641	-123.74	-102.53	0.00672
-122.33	-103.94	0.00704	-120.92	-105.36	0.00742
-119.50	-106.77	0.00786	-106.77	-119.50	0.00457
-105.36	-120.92	0.00401	-103.94	-122.33	0.00356
-102.53	-123.74	0.00318	-101.12	-125.16	0.00285
-98.99	-127.28	0.00245	-95.46	-130.81	0.00196
-91.92	-134.35	0.00161	-84.85	-141.42	0.00116
-77.78	-148.49	0.00088	-70.71	-155.56	0.00069
-63.64	-162.63	0.00056	-56.57	-169.71	0.00047
-49.50	-176.78	0.00039	-42.43	-183.85	0.00034
-176.78	-35.36	0.00113	-169.71	-42.43	0.00139
-162.63	-49.50	0.00173	-155.56	-56.57	0.00214
-148.49	-63.64	0.00265	-141.42	-70.71	0.00326
-134.35	-77.78	0.00399	-127.28	-84.85	0.00486
-123.74	-88.39	0.00535	-120.21	-91.92	0.00588
-118.09	-94.05	0.00621	-116.67	-95.46	0.00644
-115.26	-96.87	0.00670	-113.84	-98.29	0.00700
-112.43	-99.70	0.00736	-99.70	-112.43	0.00374
-98.29	-113.84	0.00322	-96.87	-115.26	0.00282
-95.46	-116.67	0.00251	-94.05	-118.09	0.00226

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 107
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00196	-88.39	-123.74	0.00160
-84.85	-127.28	0.00134	-77.78	-134.35	0.00098
-70.71	-141.42	0.00076	-63.64	-148.49	0.00061
-56.57	-155.56	0.00049	-49.50	-162.63	0.00041
-42.43	-169.71	0.00035	-35.36	-176.78	0.00030

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-169.71	-28.28	0.00126	-162.63	-35.36	0.00153
-155.56	-42.43	0.00187	-148.49	-49.50	0.00227
-141.42	-56.57	0.00276	-134.35	-63.64	0.00334
-127.28	-70.71	0.00405	-120.21	-77.78	0.00486
-116.67	-81.32	0.00531	-113.14	-84.85	0.00577
-111.02	-86.97	0.00605	-109.60	-88.39	0.00624
-108.19	-89.80	0.00644	-106.77	-91.22	0.00664
-105.36	-92.63	0.00687	-92.63	-105.36	0.00279
-91.22	-106.77	0.00245	-89.80	-108.19	0.00219
-88.39	-109.60	0.00198	-86.97	-111.02	0.00182
-84.85	-113.14	0.00161	-81.32	-116.67	0.00134
-77.78	-120.21	0.00114	-70.71	-127.28	0.00086
-63.64	-134.35	0.00067	-56.57	-141.42	0.00054
-49.50	-148.49	0.00045	-42.43	-155.56	0.00038
-35.36	-162.63	0.00032	-28.28	-169.71	0.00028
-162.63	-21.21	0.00136	-155.56	-28.28	0.00164
-148.49	-35.36	0.00196	-141.42	-42.43	0.00234
-134.35	-49.50	0.00280	-127.28	-56.57	0.00335
-120.21	-63.64	0.00400	-113.14	-70.71	0.00472
-109.60	-74.25	0.00511	-106.07	-77.78	0.00548
-103.94	-79.90	0.00568	-102.53	-81.32	0.00580
-101.12	-82.73	0.00588	-99.70	-84.15	0.00591
-98.29	-85.56	0.00585	-85.56	-98.29	0.00235
-84.15	-99.70	0.00211	-82.73	-101.12	0.00191
-81.32	-102.53	0.00175	-79.90	-103.94	0.00161
-77.78	-106.07	0.00143	-74.25	-109.60	0.00120
-70.71	-113.14	0.00103	-63.64	-120.21	0.00078
-56.57	-127.28	0.00062	-49.50	-134.35	0.00050
-42.43	-141.42	0.00041	-35.36	-148.49	0.00035
-28.28	-155.56	0.00030	-21.21	-162.63	0.00026
-155.56	-14.14	0.00144	-148.49	-21.21	0.00169
-141.42	-28.28	0.00200	-134.35	-35.36	0.00235
-127.28	-42.43	0.00276	-120.21	-49.50	0.00324
-113.14	-56.57	0.00374	-106.07	-63.64	0.00419
-102.53	-67.18	0.00430	-98.99	-70.71	0.00428

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-96.87	-72.83	0.00418	-95.46	-74.25	0.00410	
-94.05	-75.66	0.00399	-92.63	-77.07	0.00386	
-91.22	-78.49	0.00371	-78.49	-91.22	0.00200	
-77.07	-92.63	0.00185	-75.66	-94.05	0.00171	
-74.25	-95.46	0.00158	-72.83	-96.87	0.00146	
-70.71	-98.99	0.00131	-67.18	-102.53	0.00110	
-63.64	-106.07	0.00094	-56.57	-113.14	0.00072	
-49.50	-120.21	0.00057	-42.43	-127.28	0.00046	
-35.36	-134.35	0.00038	-28.28	-141.42	0.00032	
-21.21	-148.49	0.00028	-14.14	-155.56	0.00024	
-148.49	-7.07	0.00147	-141.42	-14.14	0.00171	
-134.35	-21.21	0.00198	-127.28	-28.28	0.00228	
-120.21	-35.36	0.00261	-113.14	-42.43	0.00295	
-106.07	-49.50	0.00319	-98.99	-56.57	0.00323	
-95.46	-60.10	0.00315	-91.92	-63.64	0.00302	
-89.80	-65.76	0.00293	-88.39	-67.18	0.00286	
-86.97	-68.59	0.00278	-85.56	-70.00	0.00269	
-84.15	-71.42	0.00260	-71.42	-84.15	0.00164	
-70.00	-85.56	0.00154	-68.59	-86.97	0.00145	
-67.18	-88.39	0.00136	-65.76	-89.80	0.00128	
-63.64	-91.92	0.00117	-60.10	-95.46	0.00101	
-56.57	-98.99	0.00087	-49.50	-106.07	0.00067	
-42.43	-113.14	0.00053	-35.36	-120.21	0.00043	
-28.28	-127.28	0.00035	-21.21	-134.35	0.00030	
-14.14	-141.42	0.00026	-7.07	-148.49	0.00022	
-141.42	0.00	0.00147	-134.35	-7.07	0.00167	
-127.28	-14.14	0.00189	-120.21	-21.21	0.00212	
-113.14	-28.28	0.00234	-106.07	-35.36	0.00249	
-98.99	-42.43	0.00252	-91.92	-49.50	0.00242	
-88.39	-53.03	0.00235	-84.85	-56.57	0.00224	
-82.73	-58.69	0.00217	-81.32	-60.10	0.00212	
-79.90	-61.52	0.00206	-78.49	-62.93	0.00201	
-77.07	-64.35	0.00195	-64.35	-77.07	0.00133	
-62.93	-78.49	0.00127	-61.52	-79.90	0.00121	
-60.10	-81.32	0.00115	-58.69	-82.73	0.00110	
-56.57	-84.85	0.00102	-53.03	-88.39	0.00090	
-49.50	-91.92	0.00080	-42.43	-98.99	0.00062	
-35.36	-106.07	0.00049	-28.28	-113.14	0.00040	
-21.21	-120.21	0.00033	-14.14	-127.28	0.00028	
-7.07	-134.35	0.00024	0.00	-141.42	0.00021	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

18:13:13

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00142	-127.28	0.00	0.00159
-120.21	-7.07	0.00175	-113.14	-14.14	0.00189
-106.07	-21.21	0.00198	-98.99	-28.28	0.00201
-91.92	-35.36	0.00197	-84.85	-42.43	0.00188
-81.32	-45.96	0.00181	-77.78	-49.50	0.00173
-75.66	-51.62	0.00167	-74.25	-53.03	0.00164
-72.83	-54.45	0.00160	-71.42	-55.86	0.00157
-70.00	-57.28	0.00153	-57.28	-70.00	0.00110
-55.86	-71.42	0.00106	-54.45	-72.83	0.00101
-53.03	-74.25	0.00097	-51.62	-75.66	0.00094
-49.50	-77.78	0.00088	-45.96	-81.32	0.00079
-42.43	-84.85	0.00071	-35.36	-91.92	0.00057
-28.28	-98.99	0.00047	-21.21	-106.07	0.00038
-14.14	-113.14	0.00031	-7.07	-120.21	0.00026
0.00	-127.28	0.00023	7.07	-134.35	0.00020
-127.28	14.14	0.00134	-120.21	7.07	0.00145
-113.14	0.00	0.00155	-106.07	-7.07	0.00161
-98.99	-14.14	0.00164	-91.92	-21.21	0.00162
-84.85	-28.28	0.00157	-77.78	-35.36	0.00149
-74.25	-38.89	0.00143	-70.71	-42.43	0.00137
-68.59	-44.55	0.00133	-67.18	-45.96	0.00131
-65.76	-47.38	0.00129	-64.35	-48.79	0.00126
-62.93	-50.20	0.00123	-50.20	-62.93	0.00092
-48.79	-64.35	0.00089	-47.38	-65.76	0.00086
-45.96	-67.18	0.00083	-44.55	-68.59	0.00080
-42.43	-70.71	0.00076	-38.89	-74.25	0.00069
-35.36	-77.78	0.00063	-28.28	-84.85	0.00052
-21.21	-91.92	0.00043	-14.14	-98.99	0.00036
-7.07	-106.07	0.00030	0.00	-113.14	0.00025
7.07	-120.21	0.00022	14.14	-127.28	0.00019
-120.21	21.21	0.00122	-113.14	14.14	0.00129
-106.07	7.07	0.00134	-98.99	0.00	0.00136
-91.92	-7.07	0.00135	-84.85	-14.14	0.00133
-77.78	-21.21	0.00128	-70.71	-28.28	0.00120
-67.18	-31.82	0.00116	-63.64	-35.36	0.00112
-61.52	-37.48	0.00109	-60.10	-38.89	0.00107
-58.69	-40.31	0.00106	-57.28	-41.72	0.00104

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-55.86	-43.13	0.00102	-43.13	-55.86	0.00078
-41.72	-57.28	0.00076	-40.31	-58.69	0.00073
-38.89	-60.10	0.00071	-37.48	-61.52	0.00069

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 110
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00066	-31.82	-67.18	0.00061
-28.28	-70.71	0.00056	-21.21	-77.78	0.00047
-14.14	-84.85	0.00040	-7.07	-91.92	0.00034
0.00	-98.99	0.00029	7.07	-106.07	0.00024
14.14	-113.14	0.00021	21.21	-120.21	0.00018
-113.14	28.28	0.00109	-106.07	21.21	0.00112
-98.99	14.14	0.00114	-91.92	7.07	0.00114
-84.85	0.00	0.00113	-77.78	-7.07	0.00110
-70.71	-14.14	0.00106	-63.64	-21.21	0.00099
-60.10	-24.75	0.00096	-56.57	-28.28	0.00093
-54.45	-30.41	0.00091	-53.03	-31.82	0.00090
-51.62	-33.23	0.00088	-50.20	-34.65	0.00087
-48.79	-36.06	0.00085	-36.06	-48.79	0.00067
-34.65	-50.20	0.00065	-33.23	-51.62	0.00063
-31.82	-53.03	0.00061	-30.41	-54.45	0.00060
-28.28	-56.57	0.00057	-24.75	-60.10	0.00053
-21.21	-63.64	0.00050	-14.14	-70.71	0.00043
-7.07	-77.78	0.00037	0.00	-84.85	0.00031
7.07	-91.92	0.00027	14.14	-98.99	0.00023
21.21	-106.07	0.00020	28.28	-113.14	0.00017
-106.07	35.36	0.00096	-98.99	28.28	0.00097
-91.92	21.21	0.00098	-84.85	14.14	0.00097
-77.78	7.07	0.00096	-70.71	0.00	0.00093
-63.64	-7.07	0.00089	-56.57	-14.14	0.00083
-53.03	-17.68	0.00081	-49.50	-21.21	0.00079
-47.38	-23.33	0.00077	-45.96	-24.75	0.00076
-44.55	-26.16	0.00075	-43.13	-27.58	0.00074
-41.72	-28.99	0.00072	-28.99	-41.72	0.00058
-27.58	-43.13	0.00057	-26.16	-44.55	0.00055
-24.75	-45.96	0.00054	-23.33	-47.38	0.00052
-21.21	-49.50	0.00050	-17.68	-53.03	0.00047

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-14.14	-56.57	0.00044	-7.07	-63.64	0.00039
0.00	-70.71	0.00034	7.07	-77.78	0.00029
14.14	-84.85	0.00025	21.21	-91.92	0.00022
28.28	-98.99	0.00019	35.36	-106.07	0.00017
-98.99	42.43	0.00084	-91.92	35.36	0.00084
-84.85	28.28	0.00084	-77.78	21.21	0.00084
-70.71	14.14	0.00082	-63.64	7.07	0.00079
-56.57	0.00	0.00075	-49.50	-7.07	0.00071
-45.96	-10.61	0.00069	-42.43	-14.14	0.00067

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 111
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00066	-38.89	-17.68	0.00065
-37.48	-19.09	0.00064	-36.06	-20.51	0.00063
-34.65	-21.92	0.00062	-21.92	-34.65	0.00051
-20.51	-36.06	0.00050	-19.09	-37.48	0.00048
-17.68	-38.89	0.00047	-16.26	-40.31	0.00046
-14.14	-42.43	0.00044	-10.61	-45.96	0.00042
-7.07	-49.50	0.00040	0.00	-56.57	0.00035
7.07	-63.64	0.00031	14.14	-70.71	0.00027
21.21	-77.78	0.00024	28.28	-84.85	0.00021
35.36	-91.92	0.00018	42.43	-98.99	0.00016
-91.92	49.50	0.00074	-84.85	42.43	0.00074
-77.78	35.36	0.00074	-70.71	28.28	0.00073
-63.64	21.21	0.00071	-56.57	14.14	0.00068
-49.50	7.07	0.00065	-42.43	0.00	0.00062
-38.89	-3.54	0.00060	-35.36	-7.07	0.00058
-33.23	-9.19	0.00057	-31.82	-10.61	0.00057
-30.41	-12.02	0.00056	-28.99	-13.44	0.00055
-27.58	-14.85	0.00054	-14.85	-27.58	0.00045
-13.44	-28.99	0.00044	-12.02	-30.41	0.00043
-10.61	-31.82	0.00042	-9.19	-33.23	0.00041
-7.07	-35.36	0.00040	-3.54	-38.89	0.00038
0.00	-42.43	0.00036	7.07	-49.50	0.00032
14.14	-56.57	0.00028	21.21	-63.64	0.00025
28.28	-70.71	0.00022	35.36	-77.78	0.00020
42.43	-84.85	0.00017	49.50	-91.92	0.00016

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-84.85	56.57	0.00065	-77.78	49.50	0.00065
-70.71	42.43	0.00065	-63.64	35.36	0.00063
-56.57	28.28	0.00061	-49.50	21.21	0.00059
-42.43	14.14	0.00056	-35.36	7.07	0.00054
-31.82	3.54	0.00053	-28.28	0.00	0.00051
-26.16	-2.12	0.00050	-24.75	-3.54	0.00050
-23.33	-4.95	0.00049	-21.92	-6.36	0.00048
-20.51	-7.78	0.00048	-7.78	-20.51	0.00040
-6.36	-21.92	0.00039	-4.95	-23.33	0.00038
-3.54	-24.75	0.00037	-2.12	-26.16	0.00037
0.00	-28.28	0.00035	3.54	-31.82	0.00034
7.07	-35.36	0.00032	14.14	-42.43	0.00029
21.21	-49.50	0.00026	28.28	-56.57	0.00023
35.36	-63.64	0.00021	42.43	-70.71	0.00019
49.50	-77.78	0.00017	56.57	-84.85	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 112
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00058	-70.71	56.57	0.00058
-63.64	49.50	0.00057	-56.57	42.43	0.00056
-49.50	35.36	0.00054	-42.43	28.28	0.00052
-35.36	21.21	0.00049	-28.28	14.14	0.00047
-24.75	10.61	0.00046	-21.21	7.07	0.00045
-19.09	4.95	0.00044	-17.68	3.54	0.00044
-16.26	2.12	0.00043	-14.85	0.71	0.00043
-13.44	-0.71	0.00042	-0.71	-13.44	0.00036
0.71	-14.85	0.00035	2.12	-16.26	0.00034
3.54	-17.68	0.00034	4.95	-19.09	0.00033
7.07	-21.21	0.00032	10.61	-24.75	0.00030
14.14	-28.28	0.00029	21.21	-35.36	0.00026
28.28	-42.43	0.00024	35.36	-49.50	0.00022
42.43	-56.57	0.00020	49.50	-63.64	0.00018
56.57	-70.71	0.00016	63.64	-77.78	0.00014
-70.71	70.71	0.00052	-63.64	63.64	0.00051
-56.57	56.57	0.00051	-49.50	49.50	0.00049
-42.43	42.43	0.00047	-35.36	35.36	0.00045
-28.28	28.28	0.00044	-21.21	21.21	0.00042

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-17.68	17.68	0.00041	-14.14	14.14	0.00040
-12.02	12.02	0.00040	-10.61	10.61	0.00039
-9.19	9.19	0.00039	-7.78	7.78	0.00038
-6.36	6.36	0.00038	6.36	-6.36	0.00032
7.78	-7.78	0.00031	9.19	-9.19	0.00031
10.61	-10.61	0.00030	12.02	-12.02	0.00030
14.14	-14.14	0.00029	17.68	-17.68	0.00028
21.21	-21.21	0.00026	28.28	-28.28	0.00024
35.36	-35.36	0.00022	42.43	-42.43	0.00020
49.50	-49.50	0.00018	56.57	-56.57	0.00017
63.64	-63.64	0.00015	70.71	-70.71	0.00013
-63.64	77.78	0.00047	-56.57	70.71	0.00046
-49.50	63.64	0.00045	-42.43	56.57	0.00044
-35.36	49.50	0.00042	-28.28	42.43	0.00040
-21.21	35.36	0.00039	-14.14	28.28	0.00038
-10.61	24.75	0.00037	-7.07	21.21	0.00036
-4.95	19.09	0.00035	-3.54	17.68	0.00035
-2.12	16.26	0.00035	-0.71	14.85	0.00034
0.71	13.44	0.00034	13.44	0.71	0.00029
14.85	-0.71	0.00029	16.26	-2.12	0.00028
17.68	-3.54	0.00028	19.09	-4.95	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:
 PAGE 113

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00026	24.75	-10.61	0.00025
28.28	-14.14	0.00024	35.36	-21.21	0.00022
42.43	-28.28	0.00020	49.50	-35.36	0.00019
56.57	-42.43	0.00017	63.64	-49.50	0.00016
70.71	-56.57	0.00014	77.78	-63.64	0.00013
-56.57	84.85	0.00042	-49.50	77.78	0.00041
-42.43	70.71	0.00040	-35.36	63.64	0.00039
-28.28	56.57	0.00038	-21.21	49.50	0.00036
-14.14	42.43	0.00035	-7.07	35.36	0.00034
-3.54	31.82	0.00033	0.00	28.28	0.00032
2.12	26.16	0.00032	3.54	24.75	0.00032
4.95	23.33	0.00031	6.36	21.92	0.00031
7.78	20.51	0.00030	20.51	7.78	0.00026

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

21.92	6.36	0.00026	23.33	4.95	0.00026
24.75	3.54	0.00025	26.16	2.12	0.00025
28.28	0.00	0.00024	31.82	-3.54	0.00023
35.36	-7.07	0.00022	42.43	-14.14	0.00021
49.50	-21.21	0.00019	56.57	-28.28	0.00017
63.64	-35.36	0.00016	70.71	-42.43	0.00015
77.78	-49.50	0.00013	84.85	-56.57	0.00012
-49.50	91.92	0.00038	-42.43	84.85	0.00037
-35.36	77.78	0.00036	-28.28	70.71	0.00035
-21.21	63.64	0.00034	-14.14	56.57	0.00033
-7.07	49.50	0.00032	0.00	42.43	0.00031
3.54	38.89	0.00030	7.07	35.36	0.00029
9.19	33.23	0.00029	10.61	31.82	0.00029
12.02	30.41	0.00028	13.44	28.99	0.00028
14.85	27.58	0.00028	27.58	14.85	0.00024
28.99	13.44	0.00024	30.41	12.02	0.00023
31.82	10.61	0.00023	33.23	9.19	0.00023
35.36	7.07	0.00022	38.89	3.54	0.00021
42.43	0.00	0.00020	49.50	-7.07	0.00019
56.57	-14.14	0.00018	63.64	-21.21	0.00016
70.71	-28.28	0.00015	77.78	-35.36	0.00014
84.85	-42.43	0.00013	91.92	-49.50	0.00012
-42.43	98.99	0.00034	-35.36	91.92	0.00034
-28.28	84.85	0.00033	-21.21	77.78	0.00032
-14.14	70.71	0.00031	-7.07	63.64	0.00030
0.00	56.57	0.00029	7.07	49.50	0.00028
10.61	45.96	0.00027	14.14	42.43	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 114
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00026	17.68	38.89	0.00026
19.09	37.48	0.00026	20.51	36.06	0.00025
21.92	34.65	0.00025	34.65	21.92	0.00022
36.06	20.51	0.00022	37.48	19.09	0.00021
38.89	17.68	0.00021	40.31	16.26	0.00021
42.43	14.14	0.00020	45.96	10.61	0.00020
49.50	7.07	0.00019	56.57	0.00	0.00018

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

63.64	-7.07	0.00016	70.71	-14.14	0.00015
77.78	-21.21	0.00014	84.85	-28.28	0.00013
91.92	-35.36	0.00012	98.99	-42.43	0.00011
-35.36	106.07	0.00031	-28.28	98.99	0.00031
-21.21	91.92	0.00030	-14.14	84.85	0.00029
-7.07	77.78	0.00028	0.00	70.71	0.00027
7.07	63.64	0.00026	14.14	56.57	0.00025
17.68	53.03	0.00025	21.21	49.50	0.00024
23.33	47.38	0.00024	24.75	45.96	0.00024
26.16	44.55	0.00024	27.58	43.13	0.00023
28.99	41.72	0.00023	41.72	28.99	0.00020
43.13	27.58	0.00020	44.55	26.16	0.00020
45.96	24.75	0.00019	47.38	23.33	0.00019
49.50	21.21	0.00019	53.03	17.68	0.00018
56.57	14.14	0.00018	63.64	7.07	0.00016
70.71	0.00	0.00015	77.78	-7.07	0.00014
84.85	-14.14	0.00013	91.92	-21.21	0.00012
98.99	-28.28	0.00011	106.07	-35.36	0.00011
-28.28	113.14	0.00029	-21.21	106.07	0.00028
-14.14	98.99	0.00027	-7.07	91.92	0.00026
0.00	84.85	0.00025	7.07	77.78	0.00025
14.14	70.71	0.00024	21.21	63.64	0.00023
24.75	60.10	0.00023	28.28	56.57	0.00022
30.41	54.45	0.00022	31.82	53.03	0.00022
33.23	51.62	0.00022	34.65	50.20	0.00021
36.06	48.79	0.00021	48.79	36.06	0.00019
50.20	34.65	0.00019	51.62	33.23	0.00018
53.03	31.82	0.00018	54.45	30.41	0.00018
56.57	28.28	0.00017	60.10	24.75	0.00017
63.64	21.21	0.00016	70.71	14.14	0.00015
77.78	7.07	0.00014	84.85	0.00	0.00013
91.92	-7.07	0.00013	98.99	-14.14	0.00012
106.07	-21.21	0.00011	113.14	-28.28	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 115
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00026	-14.14	113.14	0.00025

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-7.07	106.07	0.00025	0.00	98.99	0.00024
7.07	91.92	0.00023	14.14	84.85	0.00023
21.21	77.78	0.00022	28.28	70.71	0.00021
31.82	67.18	0.00021	35.36	63.64	0.00021
37.48	61.52	0.00020	38.89	60.10	0.00020
40.31	58.69	0.00020	41.72	57.28	0.00020
43.13	55.86	0.00020	55.86	43.13	0.00017
57.28	41.72	0.00017	58.69	40.31	0.00017
60.10	38.89	0.00017	61.52	37.48	0.00017
63.64	35.36	0.00016	67.18	31.82	0.00016
70.71	28.28	0.00015	77.78	21.21	0.00014
84.85	14.14	0.00013	91.92	7.07	0.00013
98.99	0.00	0.00012	106.07	-7.07	0.00011
113.14	-14.14	0.00010	120.21	-21.21	0.00010
-14.14	127.28	0.00024	-7.07	120.21	0.00023
0.00	113.14	0.00023	7.07	106.07	0.00022
14.14	98.99	0.00022	21.21	91.92	0.00021
28.28	84.85	0.00020	35.36	77.78	0.00020
38.89	74.25	0.00019	42.43	70.71	0.00019
44.55	68.59	0.00019	45.96	67.18	0.00019
47.38	65.76	0.00018	48.79	64.35	0.00018
50.20	62.93	0.00018	62.93	50.20	0.00016
64.35	48.79	0.00016	65.76	47.38	0.00016
67.18	45.96	0.00016	68.59	44.55	0.00015
70.71	42.43	0.00015	74.25	38.89	0.00015
77.78	35.36	0.00014	84.85	28.28	0.00013
91.92	21.21	0.00013	98.99	14.14	0.00012
106.07	7.07	0.00011	113.14	0.00	0.00010
120.21	-7.07	0.00010	127.28	-14.14	0.00009
-7.07	134.35	0.00022	0.00	127.28	0.00022
7.07	120.21	0.00021	14.14	113.14	0.00020
21.21	106.07	0.00020	28.28	98.99	0.00019
35.36	91.92	0.00019	42.43	84.85	0.00018
45.96	81.32	0.00018	49.50	77.78	0.00018
51.62	75.66	0.00017	53.03	74.25	0.00017
54.45	72.83	0.00017	55.86	71.42	0.00017
57.28	70.00	0.00017	70.00	57.28	0.00015
71.42	55.86	0.00015	72.83	54.45	0.00015
74.25	53.03	0.00015	75.66	51.62	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00014	81.32	45.96	0.00014
84.85	42.43	0.00013	91.92	35.36	0.00013
98.99	28.28	0.00012	106.07	21.21	0.00011
113.14	14.14	0.00011	120.21	7.07	0.00010
127.28	0.00	0.00009	134.35	-7.07	0.00009
0.00	141.42	0.00020	7.07	134.35	0.00020
14.14	127.28	0.00019	21.21	120.21	0.00019
28.28	113.14	0.00019	35.36	106.07	0.00018
42.43	98.99	0.00018	49.50	91.92	0.00017
53.03	88.39	0.00017	56.57	84.85	0.00016
58.69	82.73	0.00016	60.10	81.32	0.00016
61.52	79.90	0.00016	62.93	78.49	0.00016
64.35	77.07	0.00016	77.07	64.35	0.00014
78.49	62.93	0.00014	79.90	61.52	0.00014
81.32	60.10	0.00014	82.73	58.69	0.00013
84.85	56.57	0.00013	88.39	53.03	0.00013
91.92	49.50	0.00012	98.99	42.43	0.00012
106.07	35.36	0.00011	113.14	28.28	0.00011
120.21	21.21	0.00010	127.28	14.14	0.00009
134.35	7.07	0.00009	141.42	0.00	0.00008
7.07	148.49	0.00019	14.14	141.42	0.00018
21.21	134.35	0.00018	28.28	127.28	0.00018
35.36	120.21	0.00017	42.43	113.14	0.00017
49.50	106.07	0.00016	56.57	98.99	0.00016
60.10	95.46	0.00016	63.64	91.92	0.00015
65.76	89.80	0.00015	67.18	88.39	0.00015
68.59	86.97	0.00015	70.00	85.56	0.00015
71.42	84.15	0.00015	84.15	71.42	0.00013
85.56	70.00	0.00013	86.97	68.59	0.00013
88.39	67.18	0.00013	89.80	65.76	0.00013
91.92	63.64	0.00012	95.46	60.10	0.00012
98.99	56.57	0.00012	106.07	49.50	0.00011
113.14	42.43	0.00011	120.21	35.36	0.00010
127.28	28.28	0.00009	134.35	21.21	0.00009
141.42	14.14	0.00008	148.49	7.07	0.00008
14.14	155.56	0.00018	21.21	148.49	0.00017
28.28	141.42	0.00017	35.36	134.35	0.00016
42.43	127.28	0.00016	49.50	120.21	0.00016
56.57	113.14	0.00015	63.64	106.07	0.00015

67.18 102.53 0.00015 70.71 98.99 0.00014

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00014	74.25	95.46	0.00014
75.66	94.05	0.00014	77.07	92.63	0.00014
78.49	91.22	0.00014	91.22	78.49	0.00012
92.63	77.07	0.00012	94.05	75.66	0.00012
95.46	74.25	0.00012	96.87	72.83	0.00012
98.99	70.71	0.00012	102.53	67.18	0.00011
106.07	63.64	0.00011	113.14	56.57	0.00010
120.21	49.50	0.00010	127.28	42.43	0.00009
134.35	35.36	0.00009	141.42	28.28	0.00009
148.49	21.21	0.00008	155.56	14.14	0.00008
21.21	162.63	0.00016	28.28	155.56	0.00016
35.36	148.49	0.00016	42.43	141.42	0.00015
49.50	134.35	0.00015	56.57	127.28	0.00015
63.64	120.21	0.00014	70.71	113.14	0.00014
74.25	109.60	0.00014	77.78	106.07	0.00013
79.90	103.94	0.00013	81.32	102.53	0.00013
82.73	101.12	0.00013	84.15	99.70	0.00013
85.56	98.29	0.00013	98.29	85.56	0.00012
99.70	84.15	0.00012	101.12	82.73	0.00011
102.53	81.32	0.00011	103.94	79.90	0.00011
106.07	77.78	0.00011	109.60	74.25	0.00011
113.14	70.71	0.00010	120.21	63.64	0.00010
127.28	56.57	0.00009	134.35	49.50	0.00009
141.42	42.43	0.00009	148.49	35.36	0.00008
155.56	28.28	0.00008	162.63	21.21	0.00007
28.28	169.71	0.00015	35.36	162.63	0.00015
42.43	155.56	0.00015	49.50	148.49	0.00014
56.57	141.42	0.00014	63.64	134.35	0.00014
70.71	127.28	0.00013	77.78	120.21	0.00013
81.32	116.67	0.00013	84.85	113.14	0.00013
86.97	111.02	0.00012	88.39	109.60	0.00012
89.80	108.19	0.00012	91.22	106.77	0.00012
92.63	105.36	0.00012	105.36	92.63	0.00011

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

106.77	91.22	0.00011	108.19	89.80	0.00011
109.60	88.39	0.00011	111.02	86.97	0.00011
113.14	84.85	0.00010	116.67	81.32	0.00010
120.21	77.78	0.00010	127.28	70.71	0.00009
134.35	63.64	0.00009	141.42	56.57	0.00009
148.49	49.50	0.00008	155.56	42.43	0.00008
162.63	35.36	0.00007	169.71	28.28	0.00007

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00014	42.43	169.71	0.00014
49.50	162.63	0.00014	56.57	155.56	0.00014
63.64	148.49	0.00013	70.71	141.42	0.00013
77.78	134.35	0.00013	84.85	127.28	0.00012
88.39	123.74	0.00012	91.92	120.21	0.00012
94.05	118.09	0.00012	95.46	116.67	0.00012
96.87	115.26	0.00012	98.29	113.84	0.00011
99.70	112.43	0.00011	112.43	99.70	0.00010
113.84	98.29	0.00010	115.26	96.87	0.00010
116.67	95.46	0.00010	118.09	94.05	0.00010
120.21	91.92	0.00010	123.74	88.39	0.00010
127.28	84.85	0.00009	134.35	77.78	0.00009
141.42	70.71	0.00009	148.49	63.64	0.00008
155.56	56.57	0.00008	162.63	49.50	0.00007
169.71	42.43	0.00007	176.78	35.36	0.00007
42.43	183.85	0.00013	49.50	176.78	0.00013
56.57	169.71	0.00013	63.64	162.63	0.00013
70.71	155.56	0.00012	77.78	148.49	0.00012
84.85	141.42	0.00012	91.92	134.35	0.00012
95.46	130.81	0.00011	98.99	127.28	0.00011
101.12	125.16	0.00011	102.53	123.74	0.00011
103.94	122.33	0.00011	105.36	120.92	0.00011
106.77	119.50	0.00011	119.50	106.77	0.00010
120.92	105.36	0.00010	122.33	103.94	0.00010
123.74	102.53	0.00010	125.16	101.12	0.00009
127.28	98.99	0.00009	130.81	95.46	0.00009
134.35	91.92	0.00009	141.42	84.85	0.00008

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

148.49	77.78	0.00008	155.56	70.71	0.00008
162.63	63.64	0.00007	169.71	56.57	0.00007
176.78	49.50	0.00007	183.85	42.43	0.00006
49.50	190.92	0.00013	56.57	183.85	0.00012
63.64	176.78	0.00012	70.71	169.71	0.00012
77.78	162.63	0.00012	84.85	155.56	0.00012
91.92	148.49	0.00011	98.99	141.42	0.00011
102.53	137.89	0.00011	106.07	134.35	0.00011
108.19	132.23	0.00010	109.60	130.81	0.00010
111.02	129.40	0.00010	112.43	127.99	0.00010
113.84	126.57	0.00010	126.57	113.84	0.00009
127.99	112.43	0.00009	129.40	111.02	0.00009
130.81	109.60	0.00009	132.23	108.19	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00009	137.89	102.53	0.00009
141.42	98.99	0.00008	148.49	91.92	0.00008
155.56	84.85	0.00008	162.63	77.78	0.00007
169.71	70.71	0.00007	176.78	63.64	0.00007
183.85	56.57	0.00006	190.92	49.50	0.00006
56.57	197.99	0.00012	63.64	190.92	0.00012
70.71	183.85	0.00012	77.78	176.78	0.00011
84.85	169.71	0.00011	91.92	162.63	0.00011
98.99	155.56	0.00011	106.07	148.49	0.00010
109.60	144.96	0.00010	113.14	141.42	0.00010
115.26	139.30	0.00010	116.67	137.89	0.00010
118.09	136.47	0.00010	119.50	135.06	0.00010
120.92	133.64	0.00010	133.64	120.92	0.00009
135.06	119.50	0.00009	136.47	118.09	0.00009
137.89	116.67	0.00009	139.30	115.26	0.00009
141.42	113.14	0.00008	144.96	109.60	0.00008
148.49	106.07	0.00008	155.56	98.99	0.00008
162.63	91.92	0.00007	169.71	84.85	0.00007
176.78	77.78	0.00007	183.85	70.71	0.00006
190.92	63.64	0.00006	197.99	56.57	0.00006
63.64	205.06	0.00011	70.71	197.99	0.00011

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

77.78	190.92	0.00011	84.85	183.85	0.00011
91.92	176.78	0.00011	98.99	169.71	0.00010
106.07	162.63	0.00010	113.14	155.56	0.00010
116.67	152.03	0.00010	120.21	148.49	0.00009
122.33	146.37	0.00009	123.74	144.96	0.00009
125.16	143.54	0.00009	126.57	142.13	0.00009
127.99	140.71	0.00009	140.71	127.99	0.00008
142.13	126.57	0.00008	143.54	125.16	0.00008
144.96	123.74	0.00008	146.37	122.33	0.00008
148.49	120.21	0.00008	152.03	116.67	0.00008
155.56	113.14	0.00008	162.63	106.07	0.00007
169.71	98.99	0.00007	176.78	91.92	0.00007
183.85	84.85	0.00006	190.92	77.78	0.00006
197.99	70.71	0.00006	205.06	63.64	0.00006
70.71	212.13	0.00011	77.78	205.06	0.00010
84.85	197.99	0.00010	91.92	190.92	0.00010
98.99	183.85	0.00010	106.07	176.78	0.00010
113.14	169.71	0.00010	120.21	162.63	0.00009
123.74	159.10	0.00009	127.28	155.56	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00009	130.81	152.03	0.00009
132.23	150.61	0.00009	133.64	149.20	0.00009
135.06	147.79	0.00009	147.79	135.06	0.00008
149.20	133.64	0.00008	150.61	132.23	0.00008
152.03	130.81	0.00008	153.44	129.40	0.00008
155.56	127.28	0.00008	159.10	123.74	0.00007
162.63	120.21	0.00007	169.71	113.14	0.00007
176.78	106.07	0.00007	183.85	98.99	0.00006
190.92	91.92	0.00006	197.99	84.85	0.00006
205.06	77.78	0.00006	212.13	70.71	0.00005
77.78	219.20	0.00010	84.85	212.13	0.00010
91.92	205.06	0.00010	98.99	197.99	0.00010
106.07	190.92	0.00009	113.14	183.85	0.00009
120.21	176.78	0.00009	127.28	169.71	0.00009
130.81	166.17	0.00009	134.35	162.63	0.00009

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

136.47	160.51	0.00008	137.89	159.10	0.00008
139.30	157.68	0.00008	140.71	156.27	0.00008
142.13	154.86	0.00008	154.86	142.13	0.00008
156.27	140.71	0.00008	157.68	139.30	0.00008
159.10	137.89	0.00007	160.51	136.47	0.00007
162.63	134.35	0.00007	166.17	130.81	0.00007
169.71	127.28	0.00007	176.78	120.21	0.00007
183.85	113.14	0.00006	190.92	106.07	0.00006
197.99	98.99	0.00006	205.06	91.92	0.00006
212.13	84.85	0.00006	219.20	77.78	0.00005
84.85	226.27	0.00010	91.92	219.20	0.00009
98.99	212.13	0.00009	106.07	205.06	0.00009
113.14	197.99	0.00009	120.21	190.92	0.00009
127.28	183.85	0.00009	134.35	176.78	0.00008
137.89	173.24	0.00008	141.42	169.71	0.00008
143.54	167.58	0.00008	144.96	166.17	0.00008
146.37	164.76	0.00008	147.79	163.34	0.00008
149.20	161.93	0.00008	161.93	149.20	0.00007
163.34	147.79	0.00007	164.76	146.37	0.00007
166.17	144.96	0.00007	167.58	143.54	0.00007
169.71	141.42	0.00007	173.24	137.89	0.00007
176.78	134.35	0.00007	183.85	127.28	0.00006
190.92	120.21	0.00006	197.99	113.14	0.00006
205.06	106.07	0.00006	212.13	98.99	0.00005
219.20	91.92	0.00005	226.27	84.85	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00009	98.99	226.27	0.00009
106.07	219.20	0.00009	113.14	212.13	0.00009
120.21	205.06	0.00009	127.28	197.99	0.00008
134.35	190.92	0.00008	141.42	183.85	0.00008
144.96	180.31	0.00008	148.49	176.78	0.00008
150.61	174.66	0.00008	152.03	173.24	0.00008
153.44	171.83	0.00008	154.86	170.41	0.00008
156.27	169.00	0.00007	169.00	156.27	0.00007
170.41	154.86	0.00007	171.83	153.44	0.00007

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

173.24	152.03	0.00007	174.66	150.61	0.00007
176.78	148.49	0.00007	180.31	144.96	0.00007
183.85	141.42	0.00006	190.92	134.35	0.00006
197.99	127.28	0.00006	205.06	120.21	0.00006
212.13	113.14	0.00005	219.20	106.07	0.00005
226.27	98.99	0.00005	233.35	91.92	0.00005
98.99	240.42	0.00009	106.07	233.35	0.00009
113.14	226.27	0.00008	120.21	219.20	0.00008
127.28	212.13	0.00008	134.35	205.06	0.00008
141.42	197.99	0.00008	148.49	190.92	0.00008
152.03	187.38	0.00008	155.56	183.85	0.00007
157.68	181.73	0.00007	159.10	180.31	0.00007
160.51	178.90	0.00007	161.93	177.48	0.00007
163.34	176.07	0.00007	176.07	163.34	0.00007
177.48	161.93	0.00007	178.90	160.51	0.00007
180.31	159.10	0.00007	181.73	157.68	0.00006
183.85	155.56	0.00006	187.38	152.03	0.00006
190.92	148.49	0.00006	197.99	141.42	0.00006
205.06	134.35	0.00006	212.13	127.28	0.00005
219.20	120.21	0.00005	226.27	113.14	0.00005
233.35	106.07	0.00005	240.42	98.99	0.00005
106.07	247.49	0.00008	113.14	240.42	0.00008
120.21	233.35	0.00008	127.28	226.27	0.00008
134.35	219.20	0.00008	141.42	212.13	0.00008
148.49	205.06	0.00007	155.56	197.99	0.00007
159.10	194.45	0.00007	162.63	190.92	0.00007
164.76	188.80	0.00007	166.17	187.38	0.00007
167.58	185.97	0.00007	169.00	184.55	0.00007
170.41	183.14	0.00007	183.14	170.41	0.00006
184.55	169.00	0.00006	185.97	167.58	0.00006
187.38	166.17	0.00006	188.80	164.76	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 18:13:13
 **MODELOPTs:
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 CONC URBAN FLAT FLGPOL DFAULT
 *** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00006	194.45	159.10	0.00006
197.99	155.56	0.00006	205.06	148.49	0.00006
212.13	141.42	0.00005	219.20	134.35	0.00005

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

226.27	127.28	0.00005	233.35	120.21	0.00005
240.42	113.14	0.00005	247.49	106.07	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00142	-240.42	-113.14	0.00158
-233.35	-120.21	0.00177	-226.27	-127.28	0.00200
-219.20	-134.35	0.00227	-212.13	-141.42	0.00260
-205.06	-148.49	0.00302	-197.99	-155.56	0.00352
-194.45	-159.10	0.00381	-190.92	-162.63	0.00411
-188.80	-164.76	0.00428	-187.38	-166.17	0.00439
-185.97	-167.58	0.00449	-184.55	-169.00	0.00458
-183.14	-170.41	0.00465	-170.41	-183.14	0.00503
-169.00	-184.55	0.00505	-167.58	-185.97	0.00506
-166.17	-187.38	0.00505	-164.76	-188.80	0.00501
-162.63	-190.92	0.00493	-159.10	-194.45	0.00473
-155.56	-197.99	0.00449	-148.49	-205.06	0.00397
-141.42	-212.13	0.00351	-134.35	-219.20	0.00311
-127.28	-226.27	0.00276	-120.21	-233.35	0.00247
-113.14	-240.42	0.00223	-106.07	-247.49	0.00202
-240.42	-98.99	0.00147	-233.35	-106.07	0.00163
-226.27	-113.14	0.00183	-219.20	-120.21	0.00207
-212.13	-127.28	0.00236	-205.06	-134.35	0.00272
-197.99	-141.42	0.00316	-190.92	-148.49	0.00373
-187.38	-152.03	0.00407	-183.85	-155.56	0.00445
-181.73	-157.68	0.00470	-180.31	-159.10	0.00488
-178.90	-160.51	0.00505	-177.48	-161.93	0.00521
-176.07	-163.34	0.00536	-163.34	-176.07	0.00600
-161.93	-177.48	0.00598	-160.51	-178.90	0.00592
-159.10	-180.31	0.00583	-157.68	-181.73	0.00572
-155.56	-183.85	0.00553	-152.03	-187.38	0.00519
-148.49	-190.92	0.00485	-141.42	-197.99	0.00421
-134.35	-205.06	0.00368	-127.28	-212.13	0.00323
-120.21	-219.20	0.00286	-113.14	-226.27	0.00254
-106.07	-233.35	0.00228	-98.99	-240.42	0.00206
-233.35	-91.92	0.00151	-226.27	-99.00	0.00169
-219.20	-106.07	0.00190	-212.13	-113.14	0.00216

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-205.06	-120.21	0.00247	-197.99	-127.28	0.00285
-190.92	-134.35	0.00332	-183.85	-141.42	0.00393
-180.31	-144.96	0.00430	-176.78	-148.49	0.00473
-174.66	-150.61	0.00502	-173.24	-152.03	0.00524
-171.83	-153.44	0.00547	-170.41	-154.86	0.00574
-169.00	-156.27	0.00604	-156.27	-169.00	0.00707
-154.86	-170.41	0.00686	-153.44	-171.83	0.00666
-152.03	-173.24	0.00646	-150.61	-174.66	0.00626

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 124
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00598	-144.96	-180.31	0.00553
-141.42	-183.85	0.00511	-134.35	-190.92	0.00439
-127.28	-197.99	0.00381	-120.21	-205.06	0.00332
-113.14	-212.13	0.00293	-106.07	-219.20	0.00260
-98.99	-226.27	0.00232	-91.92	-233.35	0.00209
-226.27	-84.85	0.00157	-219.20	-91.92	0.00176
-212.13	-99.00	0.00199	-205.06	-106.07	0.00226
-197.99	-113.14	0.00260	-190.92	-120.21	0.00301
-183.85	-127.28	0.00354	-176.78	-134.35	0.00422
-173.24	-137.89	0.00465	-169.71	-141.42	0.00516
-167.58	-143.54	0.00553	-166.17	-144.96	0.00582
-164.76	-146.37	0.00616	-163.34	-147.79	0.00660
-161.93	-149.20	0.00718	-149.20	-161.93	0.00761
-147.79	-163.34	0.00729	-146.37	-164.76	0.00702
-144.96	-166.17	0.00678	-143.54	-167.58	0.00655
-141.42	-169.71	0.00623	-137.89	-173.24	0.00573
-134.35	-176.78	0.00528	-127.28	-183.85	0.00452
-120.21	-190.92	0.00390	-113.14	-197.99	0.00340
-106.07	-205.06	0.00298	-98.99	-212.13	0.00264
-91.92	-219.20	0.00236	-84.85	-226.27	0.00212
-219.20	-77.78	0.00164	-212.13	-84.85	0.00184
-205.06	-91.92	0.00209	-197.99	-99.00	0.00240
-190.92	-106.07	0.00278	-183.85	-113.14	0.00326
-176.78	-120.21	0.00392	-169.71	-127.28	0.00488
-166.17	-130.81	0.00557	-162.63	-134.35	0.00648
-160.51	-136.47	0.00714	-159.10	-137.89	0.00763

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-157.68	-139.30	0.00817	-156.27	-140.71	0.00875
-154.86	-142.13	0.00941	-142.13	-154.86	0.00801
-140.71	-156.27	0.00762	-139.30	-157.68	0.00730
-137.89	-159.10	0.00702	-136.47	-160.51	0.00676
-134.35	-162.63	0.00641	-130.81	-166.17	0.00589
-127.28	-169.71	0.00542	-120.21	-176.78	0.00463
-113.14	-183.85	0.00398	-106.07	-190.92	0.00346
-98.99	-197.99	0.00303	-91.92	-205.06	0.00268
-84.85	-212.13	0.00239	-77.78	-219.20	0.00214
-212.13	-70.71	0.00172	-205.06	-77.78	0.00195
-197.99	-84.85	0.00223	-190.92	-91.92	0.00258
-183.85	-98.99	0.00304	-176.78	-106.07	0.00367
-169.71	-113.14	0.00458	-162.63	-120.21	0.00594
-159.10	-123.74	0.00682	-155.56	-127.28	0.00782

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00849	-152.03	-130.81	0.00896
-150.61	-132.23	0.00946	-149.20	-133.64	0.00999
-147.79	-135.06	0.01059	-135.06	-147.79	0.00844
-133.64	-149.20	0.00798	-132.23	-150.61	0.00761
-130.81	-152.03	0.00729	-129.40	-153.44	0.00699
-127.28	-155.56	0.00660	-123.74	-159.10	0.00603
-120.21	-162.63	0.00554	-113.14	-169.71	0.00471
-106.07	-176.78	0.00405	-98.99	-183.85	0.00352
-91.92	-190.92	0.00308	-84.85	-197.99	0.00272
-77.78	-205.06	0.00242	-70.71	-212.13	0.00216
-205.06	-63.64	0.00182	-197.99	-70.71	0.00208
-190.92	-77.78	0.00241	-183.85	-84.85	0.00284
-176.78	-91.92	0.00342	-169.71	-98.99	0.00422
-162.63	-106.07	0.00534	-155.56	-113.14	0.00682
-152.03	-116.67	0.00770	-148.49	-120.21	0.00868
-146.37	-122.33	0.00932	-144.96	-123.74	0.00977
-143.54	-125.16	0.01024	-142.13	-126.57	0.01074
-140.71	-127.99	0.01130	-127.99	-140.71	0.00879
-126.57	-142.13	0.00830	-125.16	-143.54	0.00790
-123.74	-144.96	0.00754	-122.33	-146.37	0.00722

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-120.21	-148.49	0.00680	-116.67	-152.03	0.00618
-113.14	-155.56	0.00565	-106.07	-162.63	0.00479
-98.99	-169.71	0.00411	-91.92	-176.78	0.00356
-84.85	-183.85	0.00311	-77.78	-190.92	0.00275
-70.71	-197.99	0.00244	-63.64	-205.06	0.00218
-197.99	-56.57	0.00195	-190.92	-63.64	0.00225
-183.85	-70.71	0.00264	-176.78	-77.78	0.00316
-169.71	-84.85	0.00385	-162.63	-91.92	0.00478
-155.56	-98.99	0.00596	-148.49	-106.07	0.00744
-144.96	-109.60	0.00830	-141.42	-113.14	0.00926
-139.30	-115.26	0.00987	-137.89	-116.67	0.01030
-136.47	-118.09	0.01076	-135.06	-119.50	0.01124
-133.64	-120.92	0.01178	-120.92	-133.64	0.00907
-119.50	-135.06	0.00856	-118.09	-136.47	0.00813
-116.67	-137.89	0.00776	-115.26	-139.30	0.00742
-113.14	-141.42	0.00697	-109.60	-144.96	0.00632
-106.07	-148.49	0.00577	-98.99	-155.56	0.00486
-91.92	-162.63	0.00416	-84.85	-169.71	0.00360
-77.78	-176.78	0.00314	-70.71	-183.85	0.00277
-63.64	-190.92	0.00246	-56.57	-197.99	0.00219

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTS:
 PAGE 126
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00210	-183.85	-56.57	0.00246
-176.78	-63.64	0.00291	-169.71	-70.71	0.00350
-162.63	-77.78	0.00427	-155.56	-84.85	0.00523
-148.49	-91.92	0.00642	-141.42	-98.99	0.00788
-137.89	-102.53	0.00873	-134.35	-106.07	0.00966
-132.23	-108.19	0.01026	-130.81	-109.60	0.01069
-129.40	-111.02	0.01113	-127.99	-112.43	0.01160
-126.57	-113.84	0.01212	-113.84	-126.57	0.00929
-112.43	-127.99	0.00876	-111.02	-129.40	0.00832
-109.60	-130.81	0.00794	-108.19	-132.23	0.00759
-106.07	-134.35	0.00712	-102.53	-137.89	0.00645
-98.99	-141.42	0.00587	-91.92	-148.49	0.00493
-84.85	-155.56	0.00420	-77.78	-162.63	0.00363
-70.71	-169.71	0.00317	-63.64	-176.78	0.00279

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-56.57	-183.85	0.00247	-49.50	-190.92	0.00220
-183.85	-42.43	0.00228	-176.78	-49.50	0.00268
-169.71	-56.57	0.00318	-162.63	-63.64	0.00382
-155.56	-70.71	0.00461	-148.49	-77.78	0.00557
-141.42	-84.85	0.00676	-134.35	-91.92	0.00821
-130.81	-95.46	0.00904	-127.28	-98.99	0.00996
-125.16	-101.12	0.01056	-123.74	-102.53	0.01097
-122.33	-103.94	0.01140	-120.92	-105.36	0.01186
-119.50	-106.77	0.01238	-106.77	-119.50	0.00946
-105.36	-120.92	0.00892	-103.94	-122.33	0.00848
-102.53	-123.74	0.00808	-101.12	-125.16	0.00773
-98.99	-127.28	0.00725	-95.46	-130.81	0.00655
-91.92	-134.35	0.00596	-84.85	-141.42	0.00500
-77.78	-148.49	0.00425	-70.71	-155.56	0.00366
-63.64	-162.63	0.00319	-56.57	-169.71	0.00280
-49.50	-176.78	0.00248	-42.43	-183.85	0.00221
-176.78	-35.36	0.00246	-169.71	-42.43	0.00289
-162.63	-49.50	0.00343	-155.56	-56.57	0.00408
-148.49	-63.64	0.00487	-141.42	-70.71	0.00584
-134.35	-77.78	0.00702	-127.28	-84.85	0.00845
-123.74	-88.39	0.00928	-120.21	-91.92	0.01019
-118.09	-94.05	0.01077	-116.67	-95.46	0.01118
-115.26	-96.87	0.01161	-113.84	-98.29	0.01207
-112.43	-99.70	0.01257	-99.70	-112.43	0.00960
-98.29	-113.84	0.00906	-96.87	-115.26	0.00860
-95.46	-116.67	0.00820	-94.05	-118.09	0.00784

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00735	-88.39	-123.74	0.00664
-84.85	-127.28	0.00604	-77.78	-134.35	0.00505
-70.71	-141.42	0.00429	-63.64	-148.49	0.00369
-56.57	-155.56	0.00320	-49.50	-162.63	0.00281
-42.43	-169.71	0.00249	-35.36	-176.78	0.00221
-169.71	-28.28	0.00264	-162.63	-35.36	0.00309
-155.56	-42.43	0.00363	-148.49	-49.50	0.00429
-141.42	-56.57	0.00508	-134.35	-63.64	0.00605

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-70.71	0.00722	-120.21	-77.78	0.00864
-116.67	-81.32	0.00946	-113.14	-84.85	0.01035
-111.02	-86.97	0.01093	-109.60	-88.39	0.01133
-108.19	-89.80	0.01176	-106.77	-91.22	0.01224
-105.36	-92.63	0.01276	-92.63	-105.36	0.00971
-91.22	-106.77	0.00916	-89.80	-108.19	0.00869
-88.39	-109.60	0.00829	-86.97	-111.02	0.00793
-84.85	-113.14	0.00743	-81.32	-116.67	0.00672
-77.78	-120.21	0.00610	-70.71	-127.28	0.00510
-63.64	-134.35	0.00433	-56.57	-141.42	0.00371
-49.50	-148.49	0.00322	-42.43	-155.56	0.00282
-35.36	-162.63	0.00249	-28.28	-169.71	0.00221
-162.63	-21.21	0.00279	-155.56	-28.28	0.00325
-148.49	-35.36	0.00380	-141.42	-42.43	0.00446
-134.35	-49.50	0.00525	-127.28	-56.57	0.00621
-120.21	-63.64	0.00738	-113.14	-70.71	0.00879
-109.60	-74.25	0.00960	-106.07	-77.78	0.01049
-103.94	-79.90	0.01106	-102.53	-81.32	0.01146
-101.12	-82.73	0.01189	-99.70	-84.15	0.01235
-98.29	-85.56	0.01287	-85.56	-98.29	0.00980
-84.15	-99.70	0.00925	-82.73	-101.12	0.00878
-81.32	-102.53	0.00837	-79.90	-103.94	0.00800
-77.78	-106.07	0.00750	-74.25	-109.60	0.00678
-70.71	-113.14	0.00615	-63.64	-120.21	0.00514
-56.57	-127.28	0.00436	-49.50	-134.35	0.00374
-42.43	-141.42	0.00324	-35.36	-148.49	0.00283
-28.28	-155.56	0.00249	-21.21	-162.63	0.00221
-155.56	-14.14	0.00293	-148.49	-21.21	0.00339
-141.42	-28.28	0.00394	-134.35	-35.36	0.00459
-127.28	-42.43	0.00538	-120.21	-49.50	0.00635
-113.14	-56.57	0.00751	-106.07	-63.64	0.00891
-102.53	-67.18	0.00971	-98.99	-70.71	0.01059

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.01117	-95.46	-74.25	0.01157
-94.05	-75.66	0.01199	-92.63	-77.07	0.01244

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-91.22	-78.49	0.01296	-78.49	-91.22	0.00985
-77.07	-92.63	0.00930	-75.66	-94.05	0.00884
-74.25	-95.46	0.00843	-72.83	-96.87	0.00806
-70.71	-98.99	0.00756	-67.18	-102.53	0.00683
-63.64	-106.07	0.00620	-56.57	-113.14	0.00518
-49.50	-120.21	0.00438	-42.43	-127.28	0.00375
-35.36	-134.35	0.00325	-28.28	-141.42	0.00284
-21.21	-148.49	0.00250	-14.14	-155.56	0.00221
-148.49	-7.07	0.00304	-141.42	-14.14	0.00350
-134.35	-21.21	0.00405	-127.28	-28.28	0.00470
-120.21	-35.36	0.00550	-113.14	-42.43	0.00645
-106.07	-49.50	0.00761	-98.99	-56.57	0.00900
-95.46	-60.10	0.00980	-91.92	-63.64	0.01068
-89.80	-65.76	0.01125	-88.39	-67.18	0.01165
-86.97	-68.59	0.01207	-85.56	-70.00	0.01251
-84.15	-71.42	0.01303	-71.42	-84.15	0.00990
-70.00	-85.56	0.00935	-68.59	-86.97	0.00889
-67.18	-88.39	0.00848	-65.76	-89.80	0.00810
-63.64	-91.92	0.00760	-60.10	-95.46	0.00686
-56.57	-98.99	0.00624	-49.50	-106.07	0.00520
-42.43	-113.14	0.00440	-35.36	-120.21	0.00377
-28.28	-127.28	0.00326	-21.21	-134.35	0.00284
-14.14	-141.42	0.00250	-7.07	-148.49	0.00221
-141.42	0.00	0.00313	-134.35	-7.07	0.00359
-127.28	-14.14	0.00414	-120.21	-21.21	0.00480
-113.14	-28.28	0.00559	-106.07	-35.36	0.00654
-98.99	-42.43	0.00769	-91.92	-49.50	0.00907
-88.39	-53.03	0.00987	-84.85	-56.57	0.01074
-82.73	-58.69	0.01131	-81.32	-60.10	0.01171
-79.90	-61.52	0.01213	-78.49	-62.93	0.01257
-77.07	-64.35	0.01308	-64.35	-77.07	0.00995
-62.93	-78.49	0.00939	-61.52	-79.90	0.00893
-60.10	-81.32	0.00851	-58.69	-82.73	0.00814
-56.57	-84.85	0.00763	-53.03	-88.39	0.00690
-49.50	-91.92	0.00626	-42.43	-98.99	0.00523
-35.36	-106.07	0.00442	-28.28	-113.14	0.00378
-21.21	-120.21	0.00326	-14.14	-127.28	0.00284
-7.07	-134.35	0.00249	0.00	-141.42	0.00220

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00320	-127.28	0.00	0.00367
-120.21	-7.07	0.00422	-113.14	-14.14	0.00487
-106.07	-21.21	0.00566	-98.99	-28.28	0.00660
-91.92	-35.36	0.00775	-84.85	-42.43	0.00913
-81.32	-45.96	0.00992	-77.78	-49.50	0.01080
-75.66	-51.62	0.01136	-74.25	-53.03	0.01176
-72.83	-54.45	0.01218	-71.42	-55.86	0.01262
-70.00	-57.28	0.01312	-57.28	-70.00	0.00998
-55.86	-71.42	0.00942	-54.45	-72.83	0.00896
-53.03	-74.25	0.00854	-51.62	-75.66	0.00817
-49.50	-77.78	0.00766	-45.96	-81.32	0.00692
-42.43	-84.85	0.00628	-35.36	-91.92	0.00524
-28.28	-98.99	0.00443	-21.21	-106.07	0.00378
-14.14	-113.14	0.00326	-7.07	-120.21	0.00284
0.00	-127.28	0.00249	7.07	-134.35	0.00220
-127.28	14.14	0.00327	-120.21	7.07	0.00373
-113.14	0.00	0.00428	-106.07	-7.07	0.00493
-98.99	-14.14	0.00572	-91.92	-21.21	0.00666
-84.85	-28.28	0.00780	-77.78	-35.36	0.00917
-74.25	-38.89	0.00997	-70.71	-42.43	0.01084
-68.59	-44.55	0.01140	-67.18	-45.96	0.01180
-65.76	-47.38	0.01222	-64.35	-48.79	0.01266
-62.93	-50.20	0.01316	-50.20	-62.93	0.01001
-48.79	-64.35	0.00945	-47.38	-65.76	0.00898
-45.96	-67.18	0.00856	-44.55	-68.59	0.00819
-42.43	-70.71	0.00768	-38.89	-74.25	0.00694
-35.36	-77.78	0.00630	-28.28	-84.85	0.00525
-21.21	-91.92	0.00443	-14.14	-98.99	0.00378
-7.07	-106.07	0.00326	0.00	-113.14	0.00283
7.07	-120.21	0.00248	14.14	-127.28	0.00219
-120.21	21.21	0.00332	-113.14	14.14	0.00378
-106.07	7.07	0.00433	-98.99	0.00	0.00498
-91.92	-7.07	0.00576	-84.85	-14.14	0.00670
-77.78	-21.21	0.00783	-70.71	-28.28	0.00921
-67.18	-31.82	0.00999	-63.64	-35.36	0.01087
-61.52	-37.48	0.01144	-60.10	-38.89	0.01183
-58.69	-40.31	0.01224	-57.28	-41.72	0.01269
-55.86	-43.13	0.01318	-43.13	-55.86	0.01003
-41.72	-57.28	0.00947	-40.31	-58.69	0.00900
-38.89	-60.10	0.00858	-37.48	-61.52	0.00820

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
PAGE 130

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00769	-31.82	-67.18	0.00694
-28.28	-70.71	0.00630	-21.21	-77.78	0.00525
-14.14	-84.85	0.00443	-7.07	-91.92	0.00378
0.00	-98.99	0.00325	7.07	-106.07	0.00282
14.14	-113.14	0.00247	21.21	-120.21	0.00217
-113.14	28.28	0.00336	-106.07	21.21	0.00382
-98.99	14.14	0.00437	-91.92	7.07	0.00502
-84.85	0.00	0.00580	-77.78	-7.07	0.00673
-70.71	-14.14	0.00786	-63.64	-21.21	0.00923
-60.10	-24.75	0.01003	-56.57	-28.28	0.01090
-54.45	-30.41	0.01146	-53.03	-31.82	0.01186
-51.62	-33.23	0.01227	-50.20	-34.65	0.01271
-48.79	-36.06	0.01321	-36.06	-48.79	0.01005
-34.65	-50.20	0.00948	-33.23	-51.62	0.00901
-31.82	-53.03	0.00859	-30.41	-54.45	0.00821
-28.28	-56.57	0.00769	-24.75	-60.10	0.00695
-21.21	-63.64	0.00631	-14.14	-70.71	0.00525
-7.07	-77.78	0.00443	0.00	-84.85	0.00377
7.07	-91.92	0.00325	14.14	-98.99	0.00281
21.21	-106.07	0.00246	28.28	-113.14	0.00216
-106.07	35.36	0.00340	-98.99	28.28	0.00386
-91.92	21.21	0.00440	-84.85	14.14	0.00505
-77.78	7.07	0.00582	-70.71	0.00	0.00675
-63.64	-7.07	0.00788	-56.57	-14.14	0.00925
-53.03	-17.68	0.01004	-49.50	-21.21	0.01091
-47.38	-23.33	0.01147	-45.96	-24.75	0.01186
-44.55	-26.16	0.01228	-43.13	-27.58	0.01274
-41.72	-28.99	0.01325	-28.99	-41.72	0.01006
-27.58	-43.13	0.00949	-26.16	-44.55	0.00901
-24.75	-45.96	0.00859	-23.33	-47.38	0.00821
-21.21	-49.50	0.00770	-17.68	-53.03	0.00695
-14.14	-56.57	0.00630	-7.07	-63.64	0.00525
0.00	-70.71	0.00442	7.07	-77.78	0.00376
14.14	-84.85	0.00323	21.21	-91.92	0.00280

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

28.28	-98.99	0.00244	35.36	-106.07	0.00214
-98.99	42.43	0.00342	-91.92	35.36	0.00388
-84.85	28.28	0.00442	-77.78	21.21	0.00507
-70.71	14.14	0.00584	-63.64	7.07	0.00677
-56.57	0.00	0.00789	-49.50	-7.07	0.00926
-45.96	-10.61	0.01005	-42.43	-14.14	0.01092

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 131
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.01148	-38.89	-17.68	0.01187
-37.48	-19.09	0.01228	-36.06	-20.51	0.01274
-34.65	-21.92	0.01325	-21.92	-34.65	0.01005
-20.51	-36.06	0.00949	-19.09	-37.48	0.00901
-17.68	-38.89	0.00859	-16.26	-40.31	0.00821
-14.14	-42.43	0.00769	-10.61	-45.96	0.00694
-7.07	-49.50	0.00629	0.00	-56.57	0.00524
7.07	-63.64	0.00441	14.14	-70.71	0.00375
21.21	-77.78	0.00322	28.28	-84.85	0.00278
35.36	-91.92	0.00242	42.43	-98.99	0.00212
-91.92	49.50	0.00344	-84.85	42.43	0.00390
-77.78	35.36	0.00444	-70.71	28.28	0.00508
-63.64	21.21	0.00585	-56.57	14.14	0.00678
-49.50	7.07	0.00790	-42.43	0.00	0.00927
-38.89	-3.54	0.01006	-35.36	-7.07	0.01092
-33.23	-9.19	0.01148	-31.82	-10.61	0.01188
-30.41	-12.02	0.01228	-28.99	-13.44	0.01273
-27.58	-14.85	0.01324	-14.85	-27.58	0.01003
-13.44	-28.99	0.00947	-12.02	-30.41	0.00900
-10.61	-31.82	0.00858	-9.19	-33.23	0.00820
-7.07	-35.36	0.00768	-3.54	-38.89	0.00693
0.00	-42.43	0.00628	7.07	-49.50	0.00522
14.14	-56.57	0.00439	21.21	-63.64	0.00373
28.28	-70.71	0.00320	35.36	-77.78	0.00276
42.43	-84.85	0.00240	49.50	-91.92	0.00210
-84.85	56.57	0.00346	-77.78	49.50	0.00391
-70.71	42.43	0.00445	-63.64	35.36	0.00508
-56.57	28.28	0.00585	-49.50	21.21	0.00678

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	14.14	0.00790	-35.36	7.07	0.00926
-31.82	3.54	0.01005	-28.28	0.00	0.01091
-26.16	-2.12	0.01147	-24.75	-3.54	0.01187
-23.33	-4.95	0.01228	-21.92	-6.36	0.01272
-20.51	-7.78	0.01322	-7.78	-20.51	0.01002
-6.36	-21.92	0.00946	-4.95	-23.33	0.00899
-3.54	-24.75	0.00857	-2.12	-26.16	0.00819
0.00	-28.28	0.00767	3.54	-31.82	0.00692
7.07	-35.36	0.00627	14.14	-42.43	0.00521
21.21	-49.50	0.00437	28.28	-56.57	0.00371
35.36	-63.64	0.00317	42.43	-70.71	0.00274
49.50	-77.78	0.00237	56.57	-84.85	0.00207

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 132
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00346	-70.71	56.57	0.00391
-63.64	49.50	0.00445	-56.57	42.43	0.00508
-49.50	35.36	0.00585	-42.43	28.28	0.00677
-35.36	21.21	0.00789	-28.28	14.14	0.00926
-24.75	10.61	0.01004	-21.21	7.07	0.01090
-19.09	4.95	0.01146	-17.68	3.54	0.01185
-16.26	2.12	0.01226	-14.85	0.71	0.01270
-13.44	-0.71	0.01320	-0.71	-13.44	0.01000
0.71	-14.85	0.00944	2.12	-16.26	0.00897
3.54	-17.68	0.00854	4.95	-19.09	0.00817
7.07	-21.21	0.00765	10.61	-24.75	0.00690
14.14	-28.28	0.00625	21.21	-35.36	0.00518
28.28	-42.43	0.00435	35.36	-49.50	0.00368
42.43	-56.57	0.00315	49.50	-63.64	0.00271
56.57	-70.71	0.00234	63.64	-77.78	0.00204
-70.71	70.71	0.00347	-63.64	63.64	0.00391
-56.57	56.57	0.00444	-49.50	49.50	0.00508
-42.43	42.43	0.00584	-35.36	35.36	0.00676
-28.28	28.28	0.00788	-21.21	21.21	0.00924
-17.68	17.68	0.01002	-14.14	14.14	0.01088
-12.02	12.02	0.01144	-10.61	10.61	0.01183
-9.19	9.19	0.01225	-7.78	7.78	0.01269

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-6.36	6.36	0.01318	6.36	-6.36	0.00998
7.78	-7.78	0.00942	9.19	-9.19	0.00894
10.61	-10.61	0.00852	12.02	-12.02	0.00814
14.14	-14.14	0.00762	17.68	-17.68	0.00687
21.21	-21.21	0.00622	28.28	-28.28	0.00515
35.36	-35.36	0.00432	42.43	-42.43	0.00365
49.50	-49.50	0.00311	56.57	-56.57	0.00267
63.64	-63.64	0.00231	70.71	-70.71	0.00201
-63.64	77.78	0.00347	-56.57	70.71	0.00391
-49.50	63.64	0.00444	-42.43	56.57	0.00506
-35.36	49.50	0.00582	-28.28	42.43	0.00674
-21.21	35.36	0.00786	-14.14	28.28	0.00922
-10.61	24.75	0.01000	-7.07	21.21	0.01086
-4.95	19.09	0.01142	-3.54	17.68	0.01181
-2.12	16.26	0.01223	-0.71	14.85	0.01266
0.71	13.44	0.01315	13.44	0.71	0.00995
14.85	-0.71	0.00939	16.26	-2.12	0.00891
17.68	-3.54	0.00849	19.09	-4.95	0.00811

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 133
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00759	24.75	-10.61	0.00684
28.28	-14.14	0.00619	35.36	-21.21	0.00512
42.43	-28.28	0.00428	49.50	-35.36	0.00362
56.57	-42.43	0.00308	63.64	-49.50	0.00264
70.71	-56.57	0.00227	77.78	-63.64	0.00197
-56.57	84.85	0.00346	-49.50	77.78	0.00390
-42.43	70.71	0.00442	-35.36	63.64	0.00505
-28.28	56.57	0.00580	-21.21	49.50	0.00672
-14.14	42.43	0.00783	-7.07	35.36	0.00919
-3.54	31.82	0.00997	0.00	28.28	0.01084
2.12	26.16	0.01140	3.54	24.75	0.01179
4.95	23.33	0.01219	6.36	21.92	0.01263
7.78	20.51	0.01312	20.51	7.78	0.00992
21.92	6.36	0.00935	23.33	4.95	0.00888
24.75	3.54	0.00846	26.16	2.12	0.00808
28.28	0.00	0.00756	31.82	-3.54	0.00680

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

35.36	-7.07	0.00615	42.43	-14.14	0.00508
49.50	-21.21	0.00424	56.57	-28.28	0.00357
63.64	-35.36	0.00303	70.71	-42.43	0.00259
77.78	-49.50	0.00223	84.85	-56.57	0.00193
-49.50	91.92	0.00345	-42.43	84.85	0.00388
-35.36	77.78	0.00440	-28.28	70.71	0.00502
-21.21	63.64	0.00578	-14.14	56.57	0.00669
-7.07	49.50	0.00780	0.00	42.43	0.00915
3.54	38.89	0.00994	7.07	35.36	0.01080
9.19	33.23	0.01136	10.61	31.82	0.01175
12.02	30.41	0.01216	13.44	28.99	0.01260
14.85	27.58	0.01309	27.58	14.85	0.00989
28.99	13.44	0.00932	30.41	12.02	0.00884
31.82	10.61	0.00842	33.23	9.19	0.00803
35.36	7.07	0.00751	38.89	3.54	0.00676
42.43	0.00	0.00610	49.50	-7.07	0.00503
56.57	-14.14	0.00420	63.64	-21.21	0.00353
70.71	-28.28	0.00299	77.78	-35.36	0.00255
84.85	-42.43	0.00218	91.92	-49.50	0.00189
-42.43	98.99	0.00344	-35.36	91.92	0.00386
-28.28	84.85	0.00438	-21.21	77.78	0.00500
-14.14	70.71	0.00574	-7.07	63.64	0.00665
0.00	56.57	0.00776	7.07	49.50	0.00911
10.61	45.96	0.00990	14.14	42.43	0.01076

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
 PAGE 134
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.01131	17.68	38.89	0.01170
19.09	37.48	0.01211	20.51	36.06	0.01257
21.92	34.65	0.01308	34.65	21.92	0.00984
36.06	20.51	0.00927	37.48	19.09	0.00878
38.89	17.68	0.00836	40.31	16.26	0.00798
42.43	14.14	0.00746	45.96	10.61	0.00670
49.50	7.07	0.00605	56.57	0.00	0.00498
63.64	-7.07	0.00414	70.71	-14.14	0.00347
77.78	-21.21	0.00293	84.85	-28.28	0.00249
91.92	-35.36	0.00213	98.99	-42.43	0.00184

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	106.07	0.00342	-28.28	98.99	0.00384
-21.21	91.92	0.00435	-14.14	84.85	0.00496
-7.07	77.78	0.00571	0.00	70.71	0.00661
7.07	63.64	0.00772	14.14	56.57	0.00907
17.68	53.03	0.00985	21.21	49.50	0.01071
23.33	47.38	0.01126	24.75	45.96	0.01165
26.16	44.55	0.01206	27.58	43.13	0.01251
28.99	41.72	0.01302	41.72	28.99	0.00979
43.13	27.58	0.00922	44.55	26.16	0.00873
45.96	24.75	0.00831	47.38	23.33	0.00792
49.50	21.21	0.00740	53.03	17.68	0.00665
56.57	14.14	0.00599	63.64	7.07	0.00492
70.71	0.00	0.00408	77.78	-7.07	0.00341
84.85	-14.14	0.00287	91.92	-21.21	0.00243
98.99	-28.28	0.00208	106.07	-35.36	0.00179
-28.28	113.14	0.00340	-21.21	106.07	0.00381
-14.14	98.99	0.00432	-7.07	91.92	0.00492
0.00	84.85	0.00566	7.07	77.78	0.00656
14.14	70.71	0.00767	21.21	63.64	0.00901
24.75	60.10	0.00979	28.28	56.57	0.01065
30.41	54.45	0.01120	31.82	53.03	0.01159
33.23	51.62	0.01200	34.65	50.20	0.01244
36.06	48.79	0.01295	48.79	36.06	0.00970
50.20	34.65	0.00914	51.62	33.23	0.00866
53.03	31.82	0.00824	54.45	30.41	0.00786
56.57	28.28	0.00734	60.10	24.75	0.00658
63.64	21.21	0.00592	70.71	14.14	0.00485
77.78	7.07	0.00401	84.85	0.00	0.00334
91.92	-7.07	0.00280	98.99	-14.14	0.00237
106.07	-21.21	0.00202	113.14	-28.28	0.00173

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00337	-14.14	113.14	0.00378
-7.07	106.07	0.00428	0.00	98.99	0.00488
7.07	91.92	0.00561	14.14	84.85	0.00651
21.21	77.78	0.00761	28.28	70.71	0.00895

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

31.82	67.18	0.00972	35.36	63.64	0.01058
37.48	61.52	0.01113	38.89	60.10	0.01152
40.31	58.69	0.01193	41.72	57.28	0.01236
43.13	55.86	0.01287	55.86	43.13	0.00963
57.28	41.72	0.00906	58.69	40.31	0.00859
60.10	38.89	0.00817	61.52	37.48	0.00778
63.64	35.36	0.00726	67.18	31.82	0.00650
70.71	28.28	0.00585	77.78	21.21	0.00477
84.85	14.14	0.00393	91.92	7.07	0.00326
98.99	0.00	0.00273	106.07	-7.07	0.00230
113.14	-14.14	0.00195	120.21	-21.21	0.00167
-14.14	127.28	0.00334	-7.07	120.21	0.00375
0.00	113.14	0.00424	7.07	106.07	0.00483
14.14	98.99	0.00555	21.21	91.92	0.00644
28.28	84.85	0.00753	35.36	77.78	0.00887
38.89	74.25	0.00965	42.43	70.71	0.01050
44.55	68.59	0.01105	45.96	67.18	0.01144
47.38	65.76	0.01185	48.79	64.35	0.01228
50.20	62.93	0.01278	62.93	50.20	0.00954
64.35	48.79	0.00898	65.76	47.38	0.00850
67.18	45.96	0.00808	68.59	44.55	0.00769
70.71	42.43	0.00717	74.25	38.89	0.00641
77.78	35.36	0.00576	84.85	28.28	0.00468
91.92	21.21	0.00384	98.99	14.14	0.00318
106.07	7.07	0.00264	113.14	0.00	0.00222
120.21	-7.07	0.00188	127.28	-14.14	0.00161
-7.07	134.35	0.00331	0.00	127.28	0.00371
7.07	120.21	0.00419	14.14	113.14	0.00477
21.21	106.07	0.00548	28.28	98.99	0.00637
35.36	91.92	0.00745	42.43	84.85	0.00879
45.96	81.32	0.00956	49.50	77.78	0.01041
51.62	75.66	0.01095	53.03	74.25	0.01134
54.45	72.83	0.01175	55.86	71.42	0.01219
57.28	70.00	0.01268	70.00	57.28	0.00944
71.42	55.86	0.00888	72.83	54.45	0.00840
74.25	53.03	0.00798	75.66	51.62	0.00759

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00707	81.32	45.96	0.00631
84.85	42.43	0.00566	91.92	35.36	0.00458
98.99	28.28	0.00374	106.07	21.21	0.00308
113.14	14.14	0.00255	120.21	7.07	0.00214
127.28	0.00	0.00181	134.35	-7.07	0.00154
0.00	141.42	0.00328	7.07	134.35	0.00367
14.14	127.28	0.00414	21.21	120.21	0.00471
28.28	113.14	0.00541	35.36	106.07	0.00628
42.43	98.99	0.00736	49.50	91.92	0.00869
53.03	88.39	0.00945	56.57	84.85	0.01030
58.69	82.73	0.01085	60.10	81.32	0.01124
61.52	79.90	0.01165	62.93	78.49	0.01208
64.35	77.07	0.01257	77.07	64.35	0.00933
78.49	62.93	0.00876	79.90	61.52	0.00829
81.32	60.10	0.00786	82.73	58.69	0.00748
84.85	56.57	0.00696	88.39	53.03	0.00619
91.92	49.50	0.00554	98.99	42.43	0.00446
106.07	35.36	0.00362	113.14	28.28	0.00296
120.21	21.21	0.00245	127.28	14.14	0.00205
134.35	7.07	0.00173	141.42	0.00	0.00147
7.07	148.49	0.00324	14.14	141.42	0.00363
21.21	134.35	0.00409	28.28	127.28	0.00465
35.36	120.21	0.00533	42.43	113.14	0.00619
49.50	106.07	0.00725	56.57	98.99	0.00857
60.10	95.46	0.00933	63.64	91.92	0.01018
65.76	89.80	0.01073	67.18	88.39	0.01112
68.59	86.97	0.01152	70.00	85.56	0.01195
71.42	84.15	0.01244	84.15	71.42	0.00920
85.56	70.00	0.00863	86.97	68.59	0.00815
88.39	67.18	0.00773	89.80	65.76	0.00734
91.92	63.64	0.00682	95.46	60.10	0.00605
98.99	56.57	0.00540	106.07	49.50	0.00432
113.14	42.43	0.00349	120.21	35.36	0.00284
127.28	28.28	0.00234	134.35	21.21	0.00195
141.42	14.14	0.00164	148.49	7.07	0.00140
14.14	155.56	0.00321	21.21	148.49	0.00358
28.28	141.42	0.00403	35.36	134.35	0.00458
42.43	127.28	0.00525	49.50	120.21	0.00608
56.57	113.14	0.00713	63.64	106.07	0.00843
67.18	102.53	0.00920	70.71	98.99	0.01004

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
72.83	96.87	0.01059	74.25	95.46	0.01097	
75.66	94.05	0.01138	77.07	92.63	0.01181	
78.49	91.22	0.01229	91.22	78.49	0.00905	
92.63	77.07	0.00848	94.05	75.66	0.00799	
95.46	74.25	0.00757	96.87	72.83	0.00718	
98.99	70.71	0.00666	102.53	67.18	0.00590	
106.07	63.64	0.00524	113.14	56.57	0.00416	
120.21	49.50	0.00334	127.28	42.43	0.00270	
134.35	35.36	0.00222	141.42	28.28	0.00185	
148.49	21.21	0.00155	155.56	14.14	0.00132	
21.21	162.63	0.00317	28.28	155.56	0.00353	
35.36	148.49	0.00397	42.43	141.42	0.00450	
49.50	134.35	0.00516	56.57	127.28	0.00597	
63.64	120.21	0.00699	70.71	113.14	0.00827	
74.25	109.60	0.00904	77.78	106.07	0.00987	
79.90	103.94	0.01041	81.32	102.53	0.01079	
82.73	101.12	0.01120	84.15	99.70	0.01165	
85.56	98.29	0.01215	98.29	85.56	0.00887	
99.70	84.15	0.00829	101.12	82.73	0.00780	
102.53	81.32	0.00738	103.94	79.90	0.00700	
106.07	77.78	0.00647	109.60	74.25	0.00571	
113.14	70.71	0.00505	120.21	63.64	0.00398	
127.28	56.57	0.00317	134.35	49.50	0.00256	
141.42	42.43	0.00209	148.49	35.36	0.00174	
155.56	28.28	0.00146	162.63	21.21	0.00125	
28.28	169.71	0.00314	35.36	162.63	0.00349	
42.43	155.56	0.00391	49.50	148.49	0.00442	
56.57	141.42	0.00506	63.64	134.35	0.00585	
70.71	127.28	0.00684	77.78	120.21	0.00810	
81.32	116.67	0.00885	84.85	113.14	0.00968	
86.97	111.02	0.01022	88.39	109.60	0.01059	
89.80	108.19	0.01100	91.22	106.77	0.01144	
92.63	105.36	0.01194	105.36	92.63	0.00865	
106.77	91.22	0.00808	108.19	89.80	0.00759	
109.60	88.39	0.00716	111.02	86.97	0.00677	
113.14	84.85	0.00625	116.67	81.32	0.00548	

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

120.21	77.78	0.00482	127.28	70.71	0.00376
134.35	63.64	0.00298	141.42	56.57	0.00239
148.49	49.50	0.00195	155.56	42.43	0.00162
162.63	35.36	0.00137	169.71	28.28	0.00117

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

18:13:13
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00310	42.43	169.71	0.00344
49.50	162.63	0.00385	56.57	155.56	0.00434
63.64	148.49	0.00495	70.71	141.42	0.00572
77.78	134.35	0.00668	84.85	127.28	0.00790
88.39	123.74	0.00863	91.92	120.21	0.00944
94.05	118.09	0.00998	95.46	116.67	0.01036
96.87	115.26	0.01075	98.29	113.84	0.01119
99.70	112.43	0.01168	112.43	99.70	0.00837
113.84	98.29	0.00781	115.26	96.87	0.00732
116.67	95.46	0.00690	118.09	94.05	0.00651
120.21	91.92	0.00598	123.74	88.39	0.00521
127.28	84.85	0.00456	134.35	77.78	0.00352
141.42	70.71	0.00277	148.49	63.64	0.00222
155.56	56.57	0.00181	162.63	49.50	0.00151
169.71	42.43	0.00128	176.78	35.36	0.00110
42.43	183.85	0.00307	49.50	176.78	0.00340
56.57	169.71	0.00379	63.64	162.63	0.00426
70.71	155.56	0.00484	77.78	148.49	0.00558
84.85	141.42	0.00650	91.92	134.35	0.00767
95.46	130.81	0.00837	98.99	127.28	0.00917
101.12	125.16	0.00970	102.53	123.74	0.01007
103.94	122.33	0.01046	105.36	120.92	0.01088
106.77	119.50	0.01137	119.50	106.77	0.00805
120.92	105.36	0.00748	122.33	103.94	0.00700
123.74	102.53	0.00657	125.16	101.12	0.00618
127.28	98.99	0.00565	130.81	95.46	0.00489
134.35	91.92	0.00424	141.42	84.85	0.00325
148.49	77.78	0.00254	155.56	70.71	0.00204
162.63	63.64	0.00167	169.71	56.57	0.00140
176.78	49.50	0.00119	183.85	42.43	0.00103

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

49.50	190.92	0.00303	56.57	183.85	0.00335
63.64	176.78	0.00373	70.71	169.71	0.00419
77.78	162.63	0.00474	84.85	155.56	0.00543
91.92	148.49	0.00630	98.99	141.42	0.00741
102.53	137.89	0.00808	106.07	134.35	0.00885
108.19	132.23	0.00936	109.60	130.81	0.00973
111.02	129.40	0.01011	112.43	127.99	0.01053
113.84	126.57	0.01101	126.57	113.84	0.00766
127.99	112.43	0.00709	129.40	111.02	0.00661
130.81	109.60	0.00617	132.23	108.19	0.00578

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 18:13:13 *** Maximum train overlap at NE/SW Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00525	137.89	102.53	0.00450
141.42	98.99	0.00388	148.49	91.92	0.00294
155.56	84.85	0.00230	162.63	77.78	0.00186
169.71	70.71	0.00153	176.78	63.64	0.00129
183.85	56.57	0.00111	190.92	49.50	0.00096
56.57	197.99	0.00300	63.64	190.92	0.00331
70.71	183.85	0.00368	77.78	176.78	0.00412
84.85	169.71	0.00465	91.92	162.63	0.00530
98.99	155.56	0.00611	106.07	148.49	0.00714
109.60	144.96	0.00776	113.14	141.42	0.00848
115.26	139.30	0.00896	116.67	137.89	0.00932
118.09	136.47	0.00969	119.50	135.06	0.01010
120.92	133.64	0.01057	133.64	120.92	0.00718
135.06	119.50	0.00661	136.47	118.09	0.00612
137.89	116.67	0.00568	139.30	115.26	0.00529
141.42	113.14	0.00477	144.96	109.60	0.00404
148.49	106.07	0.00346	155.56	98.99	0.00262
162.63	91.92	0.00207	169.71	84.85	0.00168
176.78	77.78	0.00140	183.85	70.71	0.00119
190.92	63.64	0.00102	197.99	56.57	0.00089
63.64	205.06	0.00296	70.71	197.99	0.00326
77.78	190.92	0.00362	84.85	183.85	0.00405
91.92	176.78	0.00456	98.99	169.71	0.00518
106.07	162.63	0.00593	113.14	155.56	0.00686

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

116.67	152.03	0.00743	120.21	148.49	0.00808
122.33	146.37	0.00852	123.74	144.96	0.00885
125.16	143.54	0.00921	126.57	142.13	0.00959
127.99	140.71	0.01004	140.71	127.99	0.00659
142.13	126.57	0.00600	143.54	125.16	0.00551
144.96	123.74	0.00507	146.37	122.33	0.00469
148.49	120.21	0.00419	152.03	116.67	0.00353
155.56	113.14	0.00301	162.63	106.07	0.00231
169.71	98.99	0.00185	176.78	91.92	0.00152
183.85	84.85	0.00128	190.92	77.78	0.00109
197.99	70.71	0.00095	205.06	63.64	0.00083
70.71	212.13	0.00292	77.78	205.06	0.00321
84.85	197.99	0.00356	91.92	190.92	0.00397
98.99	183.85	0.00447	106.07	176.78	0.00506
113.14	169.71	0.00577	120.21	162.63	0.00661
123.74	159.10	0.00710	127.28	155.56	0.00768

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00806	130.81	152.03	0.00834
132.23	150.61	0.00865	133.64	149.20	0.00900
135.06	147.79	0.00941	147.79	135.06	0.00582
149.20	133.64	0.00524	150.61	132.23	0.00475
152.03	130.81	0.00434	153.44	129.40	0.00399
155.56	127.28	0.00355	159.10	123.74	0.00299
162.63	120.21	0.00258	169.71	113.14	0.00202
176.78	106.07	0.00164	183.85	98.99	0.00137
190.92	91.92	0.00116	197.99	84.85	0.00100
205.06	77.78	0.00088	212.13	70.71	0.00077
77.78	219.20	0.00287	84.85	212.13	0.00316
91.92	205.06	0.00350	98.99	197.99	0.00390
106.07	190.92	0.00437	113.14	183.85	0.00494
120.21	176.78	0.00561	127.28	169.71	0.00640
130.81	166.17	0.00684	134.35	162.63	0.00733
136.47	160.51	0.00763	137.89	159.10	0.00785
139.30	157.68	0.00809	140.71	156.27	0.00837
142.13	154.86	0.00871	154.86	142.13	0.00486

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

156.27	140.71	0.00431	157.68	139.30	0.00389
159.10	137.89	0.00355	160.51	136.47	0.00328
162.63	134.35	0.00294	166.17	130.81	0.00253
169.71	127.28	0.00222	176.78	120.21	0.00177
183.85	113.14	0.00147	190.92	106.07	0.00124
197.99	98.99	0.00107	205.06	91.92	0.00093
212.13	84.85	0.00082	219.20	77.78	0.00072
84.85	226.27	0.00282	91.92	219.20	0.00310
98.99	212.13	0.00342	106.07	205.06	0.00381
113.14	197.99	0.00426	120.21	190.92	0.00481
127.28	183.85	0.00545	134.35	176.78	0.00620
137.89	173.24	0.00661	141.42	169.71	0.00704
143.54	167.58	0.00730	144.96	166.17	0.00748
146.37	164.76	0.00765	147.79	163.34	0.00784
149.20	161.93	0.00805	161.93	149.20	0.00379
163.34	147.79	0.00342	164.76	146.37	0.00314
166.17	144.96	0.00292	167.58	143.54	0.00273
169.71	141.42	0.00249	173.24	137.89	0.00218
176.78	134.35	0.00194	183.85	127.28	0.00159
190.92	120.21	0.00133	197.99	113.14	0.00114
205.06	106.07	0.00099	212.13	98.99	0.00086
219.20	91.92	0.00077	226.27	84.85	0.00068

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00276	98.99	226.27	0.00303
106.07	219.20	0.00333	113.14	212.13	0.00370
120.21	205.06	0.00413	127.28	197.99	0.00463
134.35	190.92	0.00523	141.42	183.85	0.00590
144.96	180.31	0.00626	148.49	176.78	0.00660
150.61	174.66	0.00679	152.03	173.24	0.00689
153.44	171.83	0.00696	154.86	170.41	0.00698
156.27	169.00	0.00690	169.00	156.27	0.00324
170.41	154.86	0.00298	171.83	153.44	0.00277
173.24	152.03	0.00259	174.66	150.61	0.00243
176.78	148.49	0.00224	180.31	144.96	0.00197
183.85	141.42	0.00176	190.92	134.35	0.00145

14NCRA_NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

197.99	127.28	0.00123	205.06	120.21	0.00106
212.13	113.14	0.00092	219.20	106.07	0.00081
226.27	98.99	0.00072	233.35	91.92	0.00065
98.99	240.42	0.00269	106.07	233.35	0.00294
113.14	226.27	0.00322	120.21	219.20	0.00356
127.28	212.13	0.00394	134.35	205.06	0.00438
141.42	197.99	0.00484	148.49	190.92	0.00523
152.03	187.38	0.00533	155.56	183.85	0.00528
157.68	181.73	0.00517	159.10	180.31	0.00507
160.51	178.90	0.00495	161.93	177.48	0.00481
163.34	176.07	0.00465	176.07	163.34	0.00281
177.48	161.93	0.00264	178.90	160.51	0.00249
180.31	159.10	0.00234	181.73	157.68	0.00221
183.85	155.56	0.00204	187.38	152.03	0.00180
190.92	148.49	0.00162	197.99	141.42	0.00134
205.06	134.35	0.00114	212.13	127.28	0.00098
219.20	120.21	0.00086	226.27	113.14	0.00076
233.35	106.07	0.00068	240.42	98.99	0.00061
106.07	247.49	0.00260	113.14	240.42	0.00283
120.21	233.35	0.00308	127.28	226.27	0.00336
134.35	219.20	0.00367	141.42	212.13	0.00396
148.49	205.06	0.00417	155.56	197.99	0.00417
159.10	194.45	0.00407	162.63	190.92	0.00393
164.76	188.80	0.00382	166.17	187.38	0.00373
167.58	185.97	0.00364	169.00	184.55	0.00355
170.41	183.14	0.00345	183.14	170.41	0.00237
184.55	169.00	0.00226	185.97	167.58	0.00216
187.38	166.17	0.00206	188.80	164.76	0.00197

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
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 **MODELOPTs:
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 CONC URBAN FLAT FLGPOL DFAULT
 *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
190.92	162.63	0.00184	194.45	159.10	0.00166	
197.99	155.56	0.00149	205.06	148.49	0.00124	
212.13	141.42	0.00106	219.20	134.35	0.00092	
226.27	127.28	0.00081	233.35	120.21	0.00072	
240.42	113.14	0.00064	247.49	106.07	0.00058	

04/20/08

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS 0.00840 AT (	120.92, 133.64, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00835 AT (	113.84, 126.57, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00822 AT (	127.99, 140.71, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00799 AT (	106.77, 119.50, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00789 AT (	119.50, 135.06, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00786 AT (	135.06, 147.79, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00781 AT (	112.43, 127.99, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00774 AT (	126.57, 142.13, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00744 AT (	118.09, 136.47, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00742 AT (	133.64, 149.20, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00840 AT (	57.28, 70.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00835 AT (	50.20, 62.93, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00822 AT (	64.35, 77.07, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00799 AT (	43.13, 55.86, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00789 AT (	55.86, 71.42, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00786 AT (	71.42, 84.15, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00781 AT (	48.79, 64.35, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00774 AT (	62.93, 78.49, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00744 AT (	54.45, 72.83, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00742 AT (	70.00, 85.56, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00840 AT (	-6.36, 6.36, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00835 AT (	-13.44, -0.71, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00822 AT (	0.71, 13.44, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00799 AT (	-20.51, -7.78, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00789 AT (	-7.78, 7.78, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00786 AT (	7.78, 20.51, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00781 AT (	-14.85, 0.71, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00774 AT (	-0.71, 14.85, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00744 AT (	-9.19, 9.19, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00742 AT (	6.36, 21.92, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00840 AT (	-70.00, -57.28, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00835 AT (	-77.07, -64.35, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00822 AT (	-62.93, -50.20, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00799 AT (	-84.15, -71.42, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00789 AT (	-71.42, -55.86, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00786 AT (	-55.86, -43.13, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00781 AT (	-78.49, -62.93, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00774 AT (	-64.35, -48.79, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00744 AT (	-72.83, -54.45, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00742 AT (	-57.28, -41.72, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00840 AT (	-133.64, -120.92, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00835 AT (	-140.71, -127.99, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00822 AT (	-126.57, -113.84, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00799 AT (	-147.79, -135.06, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00789 AT (	-135.06, -119.50, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00786 AT (	-119.50, -106.77, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00781 AT (	-142.13, -126.57, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00774 AT (	-127.99, -112.43, 0.00, 1.20)	DC	NA

14NCRA NAPA00-300_DPM_TRAV_ANN_NE-SW Bound

	9TH HIGHEST VALUE IS	0.00744 AT (	-136.47,	-118.09,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00742 AT (	-120.92,	-105.36,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01325 AT (	-41.72,	-28.99,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01325 AT (	-34.65,	-21.92,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01324 AT (	-27.58,	-14.85,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01322 AT (	-20.51,	-7.78,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01321 AT (	-48.79,	-36.06,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01320 AT (	-13.44,	-0.71,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01318 AT (	-55.86,	-43.13,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01318 AT (	-6.36,	6.36,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01316 AT (	-62.93,	-50.20,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01315 AT (	0.71,	13.44,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:13:13

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 7 Informational Message(s)
 A Total of 7 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 18:23:07

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at NE/SW Bound Direction
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTS FLAT
CO FLAGPOLE 1.2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA 92.28 98.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA 28.64 35.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -35.0 -28.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -98.64 -92.28 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -162.28 -155.92 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 45 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 45 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

RE DISCCART	-247.49	-106.07	1.2
RE DISCCART	-240.42	-113.14	1.2
RE DISCCART	-233.35	-120.21	1.2
RE DISCCART	-226.27	-127.28	1.2
RE DISCCART	-219.2	-134.35	1.2
RE DISCCART	-212.13	-141.42	1.2
RE DISCCART	-205.06	-148.49	1.2
RE DISCCART	-197.99	-155.56	1.2
RE DISCCART	-194.45	-159.1	1.2
RE DISCCART	-190.92	-162.63	1.2
RE DISCCART	-188.8	-164.76	1.2
RE DISCCART	-187.38	-166.17	1.2
RE DISCCART	-185.97	-167.58	1.2
RE DISCCART	-184.55	-169.0	1.2
RE DISCCART	-183.14	-170.41	1.2
RE DISCCART	-170.41	-183.14	1.2
RE DISCCART	-169.0	-184.55	1.2
RE DISCCART	-167.58	-185.97	1.2
RE DISCCART	-166.17	-187.38	1.2
RE DISCCART	-164.76	-188.8	1.2
RE DISCCART	-162.63	-190.92	1.2
RE DISCCART	-159.1	-194.45	1.2
RE DISCCART	-155.56	-197.99	1.2
RE DISCCART	-148.49	-205.06	1.2
RE DISCCART	-141.42	-212.13	1.2
RE DISCCART	-134.35	-219.2	1.2
RE DISCCART	-127.28	-226.27	1.2
RE DISCCART	-120.21	-233.35	1.2
RE DISCCART	-113.14	-240.42	1.2
RE DISCCART	-106.07	-247.49	1.2
RE DISCCART	-240.42	-98.99	1.2
RE DISCCART	-233.35	-106.07	1.2
RE DISCCART	-226.27	-113.14	1.2
RE DISCCART	-219.2	-120.21	1.2
RE DISCCART	-212.13	-127.28	1.2
RE DISCCART	-205.06	-134.35	1.2
RE DISCCART	-197.99	-141.42	1.2
RE DISCCART	-190.92	-148.49	1.2
RE DISCCART	-187.38	-152.03	1.2
RE DISCCART	-183.85	-155.56	1.2
RE DISCCART	-181.73	-157.68	1.2
RE DISCCART	-180.31	-159.1	1.2
RE DISCCART	-178.9	-160.51	1.2

RE DISCCART	-177.48	-161.93	1.2
RE DISCCART	-176.07	-163.34	1.2
RE DISCCART	-163.34	-176.07	1.2
RE DISCCART	-161.93	-177.48	1.2
RE DISCCART	-160.51	-178.9	1.2
RE DISCCART	-159.1	-180.31	1.2
RE DISCCART	-157.68	-181.73	1.2
RE DISCCART	-155.56	-183.85	1.2
RE DISCCART	-152.03	-187.38	1.2
RE DISCCART	-148.49	-190.92	1.2
RE DISCCART	-141.42	-197.99	1.2
RE DISCCART	-134.35	-205.06	1.2
RE DISCCART	-127.28	-212.13	1.2
RE DISCCART	-120.21	-219.2	1.2
RE DISCCART	-113.14	-226.27	1.2
RE DISCCART	-106.07	-233.35	1.2
RE DISCCART	-98.99	-240.42	1.2
RE DISCCART	-233.35	-91.92	1.2
RE DISCCART	-226.27	-99.0	1.2
RE DISCCART	-219.2	-106.07	1.2
RE DISCCART	-212.13	-113.14	1.2
RE DISCCART	-205.06	-120.21	1.2
RE DISCCART	-197.99	-127.28	1.2
RE DISCCART	-190.92	-134.35	1.2
RE DISCCART	-183.85	-141.42	1.2
RE DISCCART	-180.31	-144.96	1.2
RE DISCCART	-176.78	-148.49	1.2
RE DISCCART	-174.66	-150.61	1.2
RE DISCCART	-173.24	-152.03	1.2
RE DISCCART	-171.83	-153.44	1.2
RE DISCCART	-170.41	-154.86	1.2
RE DISCCART	-169.0	-156.27	1.2
RE DISCCART	-156.27	-169.0	1.2
RE DISCCART	-154.86	-170.41	1.2
RE DISCCART	-153.44	-171.83	1.2
RE DISCCART	-152.03	-173.24	1.2
RE DISCCART	-150.61	-174.66	1.2
RE DISCCART	-148.49	-176.78	1.2
RE DISCCART	-144.96	-180.31	1.2
RE DISCCART	-141.42	-183.85	1.2
RE DISCCART	-134.35	-190.92	1.2
RE DISCCART	-127.28	-197.99	1.2
RE DISCCART	-120.21	-205.06	1.2
RE DISCCART	-113.14	-212.13	1.2

RE DISCCART	-106.07	-219.2	1.2
RE DISCCART	-98.99	-226.27	1.2
RE DISCCART	-91.92	-233.35	1.2
RE DISCCART	-226.27	-84.85	1.2
RE DISCCART	-219.2	-91.92	1.2
RE DISCCART	-212.13	-99.0	1.2
RE DISCCART	-205.06	-106.07	1.2
RE DISCCART	-197.99	-113.14	1.2
RE DISCCART	-190.92	-120.21	1.2
RE DISCCART	-183.85	-127.28	1.2
RE DISCCART	-176.78	-134.35	1.2
RE DISCCART	-173.24	-137.89	1.2
RE DISCCART	-169.71	-141.42	1.2
RE DISCCART	-167.58	-143.54	1.2
RE DISCCART	-166.17	-144.96	1.2
RE DISCCART	-164.76	-146.37	1.2
RE DISCCART	-163.34	-147.79	1.2
RE DISCCART	-161.93	-149.2	1.2
RE DISCCART	-149.2	-161.93	1.2
RE DISCCART	-147.79	-163.34	1.2
RE DISCCART	-146.37	-164.76	1.2
RE DISCCART	-144.96	-166.17	1.2
RE DISCCART	-143.54	-167.58	1.2
RE DISCCART	-141.42	-169.71	1.2
RE DISCCART	-137.89	-173.24	1.2
RE DISCCART	-134.35	-176.78	1.2
RE DISCCART	-127.28	-183.85	1.2
RE DISCCART	-120.21	-190.92	1.2
RE DISCCART	-113.14	-197.99	1.2
RE DISCCART	-106.07	-205.06	1.2
RE DISCCART	-98.99	-212.13	1.2
RE DISCCART	-91.92	-219.2	1.2
RE DISCCART	-84.85	-226.27	1.2
RE DISCCART	-219.2	-77.78	1.2
RE DISCCART	-212.13	-84.85	1.2
RE DISCCART	-205.06	-91.92	1.2
RE DISCCART	-197.99	-99.0	1.2
RE DISCCART	-190.92	-106.07	1.2
RE DISCCART	-183.85	-113.14	1.2
RE DISCCART	-176.78	-120.21	1.2
RE DISCCART	-169.71	-127.28	1.2
RE DISCCART	-166.17	-130.81	1.2
RE DISCCART	-162.63	-134.35	1.2
RE DISCCART	-160.51	-136.47	1.2

RE DISCCART	-159.1	-137.89	1.2
RE DISCCART	-157.68	-139.3	1.2
RE DISCCART	-156.27	-140.71	1.2
RE DISCCART	-154.86	-142.13	1.2
RE DISCCART	-142.13	-154.86	1.2
RE DISCCART	-140.71	-156.27	1.2
RE DISCCART	-139.3	-157.68	1.2
RE DISCCART	-137.89	-159.1	1.2
RE DISCCART	-136.47	-160.51	1.2
RE DISCCART	-134.35	-162.63	1.2
RE DISCCART	-130.81	-166.17	1.2
RE DISCCART	-127.28	-169.71	1.2
RE DISCCART	-120.21	-176.78	1.2
RE DISCCART	-113.14	-183.85	1.2
RE DISCCART	-106.07	-190.92	1.2
RE DISCCART	-98.99	-197.99	1.2
RE DISCCART	-91.92	-205.06	1.2
RE DISCCART	-84.85	-212.13	1.2
RE DISCCART	-77.78	-219.2	1.2
RE DISCCART	-212.13	-70.71	1.2
RE DISCCART	-205.06	-77.78	1.2
RE DISCCART	-197.99	-84.85	1.2
RE DISCCART	-190.92	-91.92	1.2
RE DISCCART	-183.85	-98.99	1.2
RE DISCCART	-176.78	-106.07	1.2
RE DISCCART	-169.71	-113.14	1.2
RE DISCCART	-162.63	-120.21	1.2
RE DISCCART	-159.1	-123.74	1.2
RE DISCCART	-155.56	-127.28	1.2
RE DISCCART	-153.44	-129.4	1.2
RE DISCCART	-152.03	-130.81	1.2
RE DISCCART	-150.61	-132.23	1.2
RE DISCCART	-149.2	-133.64	1.2
RE DISCCART	-147.79	-135.06	1.2
RE DISCCART	-135.06	-147.79	1.2
RE DISCCART	-133.64	-149.2	1.2
RE DISCCART	-132.23	-150.61	1.2
RE DISCCART	-130.81	-152.03	1.2
RE DISCCART	-129.4	-153.44	1.2
RE DISCCART	-127.28	-155.56	1.2
RE DISCCART	-123.74	-159.1	1.2
RE DISCCART	-120.21	-162.63	1.2
RE DISCCART	-113.14	-169.71	1.2
RE DISCCART	-106.07	-176.78	1.2

RE DISCCART	-98.99	-183.85	1.2
RE DISCCART	-91.92	-190.92	1.2
RE DISCCART	-84.85	-197.99	1.2
RE DISCCART	-77.78	-205.06	1.2
RE DISCCART	-70.71	-212.13	1.2
RE DISCCART	-205.06	-63.64	1.2
RE DISCCART	-197.99	-70.71	1.2
RE DISCCART	-190.92	-77.78	1.2
RE DISCCART	-183.85	-84.85	1.2
RE DISCCART	-176.78	-91.92	1.2
RE DISCCART	-169.71	-98.99	1.2
RE DISCCART	-162.63	-106.07	1.2
RE DISCCART	-155.56	-113.14	1.2
RE DISCCART	-152.03	-116.67	1.2
RE DISCCART	-148.49	-120.21	1.2
RE DISCCART	-146.37	-122.33	1.2
RE DISCCART	-144.96	-123.74	1.2
RE DISCCART	-143.54	-125.16	1.2
RE DISCCART	-142.13	-126.57	1.2
RE DISCCART	-140.71	-127.99	1.2
RE DISCCART	-127.99	-140.71	1.2
RE DISCCART	-126.57	-142.13	1.2
RE DISCCART	-125.16	-143.54	1.2
RE DISCCART	-123.74	-144.96	1.2
RE DISCCART	-122.33	-146.37	1.2
RE DISCCART	-120.21	-148.49	1.2
RE DISCCART	-116.67	-152.03	1.2
RE DISCCART	-113.14	-155.56	1.2
RE DISCCART	-106.07	-162.63	1.2
RE DISCCART	-98.99	-169.71	1.2
RE DISCCART	-91.92	-176.78	1.2
RE DISCCART	-84.85	-183.85	1.2
RE DISCCART	-77.78	-190.92	1.2
RE DISCCART	-70.71	-197.99	1.2
RE DISCCART	-63.64	-205.06	1.2
RE DISCCART	-197.99	-56.57	1.2
RE DISCCART	-190.92	-63.64	1.2
RE DISCCART	-183.85	-70.71	1.2
RE DISCCART	-176.78	-77.78	1.2
RE DISCCART	-169.71	-84.85	1.2
RE DISCCART	-162.63	-91.92	1.2
RE DISCCART	-155.56	-98.99	1.2
RE DISCCART	-148.49	-106.07	1.2
RE DISCCART	-144.96	-109.6	1.2

RE DISCCART	-141.42	-113.14	1.2
RE DISCCART	-139.3	-115.26	1.2
RE DISCCART	-137.89	-116.67	1.2
RE DISCCART	-136.47	-118.09	1.2
RE DISCCART	-135.06	-119.5	1.2
RE DISCCART	-133.64	-120.92	1.2
RE DISCCART	-120.92	-133.64	1.2
RE DISCCART	-119.5	-135.06	1.2
RE DISCCART	-118.09	-136.47	1.2
RE DISCCART	-116.67	-137.89	1.2
RE DISCCART	-115.26	-139.3	1.2
RE DISCCART	-113.14	-141.42	1.2
RE DISCCART	-109.6	-144.96	1.2
RE DISCCART	-106.07	-148.49	1.2
RE DISCCART	-98.99	-155.56	1.2
RE DISCCART	-91.92	-162.63	1.2
RE DISCCART	-84.85	-169.71	1.2
RE DISCCART	-77.78	-176.78	1.2
RE DISCCART	-70.71	-183.85	1.2
RE DISCCART	-63.64	-190.92	1.2
RE DISCCART	-56.57	-197.99	1.2
RE DISCCART	-190.92	-49.5	1.2
RE DISCCART	-183.85	-56.57	1.2
RE DISCCART	-176.78	-63.64	1.2
RE DISCCART	-169.71	-70.71	1.2
RE DISCCART	-162.63	-77.78	1.2
RE DISCCART	-155.56	-84.85	1.2
RE DISCCART	-148.49	-91.92	1.2
RE DISCCART	-141.42	-98.99	1.2
RE DISCCART	-137.89	-102.53	1.2
RE DISCCART	-134.35	-106.07	1.2
RE DISCCART	-132.23	-108.19	1.2
RE DISCCART	-130.81	-109.6	1.2
RE DISCCART	-129.4	-111.02	1.2
RE DISCCART	-127.99	-112.43	1.2
RE DISCCART	-126.57	-113.84	1.2
RE DISCCART	-113.84	-126.57	1.2
RE DISCCART	-112.43	-127.99	1.2
RE DISCCART	-111.02	-129.4	1.2
RE DISCCART	-109.6	-130.81	1.2
RE DISCCART	-108.19	-132.23	1.2
RE DISCCART	-106.07	-134.35	1.2
RE DISCCART	-102.53	-137.89	1.2
RE DISCCART	-98.99	-141.42	1.2

RE DISCCART	-91.92	-148.49	1.2
RE DISCCART	-84.85	-155.56	1.2
RE DISCCART	-77.78	-162.63	1.2
RE DISCCART	-70.71	-169.71	1.2
RE DISCCART	-63.64	-176.78	1.2
RE DISCCART	-56.57	-183.85	1.2
RE DISCCART	-49.5	-190.92	1.2
RE DISCCART	-183.85	-42.43	1.2
RE DISCCART	-176.78	-49.5	1.2
RE DISCCART	-169.71	-56.57	1.2
RE DISCCART	-162.63	-63.64	1.2
RE DISCCART	-155.56	-70.71	1.2
RE DISCCART	-148.49	-77.78	1.2
RE DISCCART	-141.42	-84.85	1.2
RE DISCCART	-134.35	-91.92	1.2
RE DISCCART	-130.81	-95.46	1.2
RE DISCCART	-127.28	-98.99	1.2
RE DISCCART	-125.16	-101.12	1.2
RE DISCCART	-123.74	-102.53	1.2
RE DISCCART	-122.33	-103.94	1.2
RE DISCCART	-120.92	-105.36	1.2
RE DISCCART	-119.5	-106.77	1.2
RE DISCCART	-106.77	-119.5	1.2
RE DISCCART	-105.36	-120.92	1.2
RE DISCCART	-103.94	-122.33	1.2
RE DISCCART	-102.53	-123.74	1.2
RE DISCCART	-101.12	-125.16	1.2
RE DISCCART	-98.99	-127.28	1.2
RE DISCCART	-95.46	-130.81	1.2
RE DISCCART	-91.92	-134.35	1.2
RE DISCCART	-84.85	-141.42	1.2
RE DISCCART	-77.78	-148.49	1.2
RE DISCCART	-70.71	-155.56	1.2
RE DISCCART	-63.64	-162.63	1.2
RE DISCCART	-56.57	-169.71	1.2
RE DISCCART	-49.5	-176.78	1.2
RE DISCCART	-42.43	-183.85	1.2
RE DISCCART	-176.78	-35.36	1.2
RE DISCCART	-169.71	-42.43	1.2
RE DISCCART	-162.63	-49.5	1.2
RE DISCCART	-155.56	-56.57	1.2
RE DISCCART	-148.49	-63.64	1.2
RE DISCCART	-141.42	-70.71	1.2
RE DISCCART	-134.35	-77.78	1.2

RE DISCCART	-127.28	-84.85	1.2
RE DISCCART	-123.74	-88.39	1.2
RE DISCCART	-120.21	-91.92	1.2
RE DISCCART	-118.09	-94.05	1.2
RE DISCCART	-116.67	-95.46	1.2
RE DISCCART	-115.26	-96.87	1.2
RE DISCCART	-113.84	-98.29	1.2
RE DISCCART	-112.43	-99.7	1.2
RE DISCCART	-99.7	-112.43	1.2
RE DISCCART	-98.29	-113.84	1.2
RE DISCCART	-96.87	-115.26	1.2
RE DISCCART	-95.46	-116.67	1.2
RE DISCCART	-94.05	-118.09	1.2
RE DISCCART	-91.92	-120.21	1.2
RE DISCCART	-88.39	-123.74	1.2
RE DISCCART	-84.85	-127.28	1.2
RE DISCCART	-77.78	-134.35	1.2
RE DISCCART	-70.71	-141.42	1.2
RE DISCCART	-63.64	-148.49	1.2
RE DISCCART	-56.57	-155.56	1.2
RE DISCCART	-49.5	-162.63	1.2
RE DISCCART	-42.43	-169.71	1.2
RE DISCCART	-35.36	-176.78	1.2
RE DISCCART	-169.71	-28.28	1.2
RE DISCCART	-162.63	-35.36	1.2
RE DISCCART	-155.56	-42.43	1.2
RE DISCCART	-148.49	-49.5	1.2
RE DISCCART	-141.42	-56.57	1.2
RE DISCCART	-134.35	-63.64	1.2
RE DISCCART	-127.28	-70.71	1.2
RE DISCCART	-120.21	-77.78	1.2
RE DISCCART	-116.67	-81.32	1.2
RE DISCCART	-113.14	-84.85	1.2
RE DISCCART	-111.02	-86.97	1.2
RE DISCCART	-109.6	-88.39	1.2
RE DISCCART	-108.19	-89.8	1.2
RE DISCCART	-106.77	-91.22	1.2
RE DISCCART	-105.36	-92.63	1.2
RE DISCCART	-92.63	-105.36	1.2
RE DISCCART	-91.22	-106.77	1.2
RE DISCCART	-89.8	-108.19	1.2
RE DISCCART	-88.39	-109.6	1.2
RE DISCCART	-86.97	-111.02	1.2
RE DISCCART	-84.85	-113.14	1.2

RE DISCCART	-81.32	-116.67	1.2
RE DISCCART	-77.78	-120.21	1.2
RE DISCCART	-70.71	-127.28	1.2
RE DISCCART	-63.64	-134.35	1.2
RE DISCCART	-56.57	-141.42	1.2
RE DISCCART	-49.5	-148.49	1.2
RE DISCCART	-42.43	-155.56	1.2
RE DISCCART	-35.36	-162.63	1.2
RE DISCCART	-28.28	-169.71	1.2
RE DISCCART	-162.63	-21.21	1.2
RE DISCCART	-155.56	-28.28	1.2
RE DISCCART	-148.49	-35.36	1.2
RE DISCCART	-141.42	-42.43	1.2
RE DISCCART	-134.35	-49.5	1.2
RE DISCCART	-127.28	-56.57	1.2
RE DISCCART	-120.21	-63.64	1.2
RE DISCCART	-113.14	-70.71	1.2
RE DISCCART	-109.6	-74.25	1.2
RE DISCCART	-106.07	-77.78	1.2
RE DISCCART	-103.94	-79.9	1.2
RE DISCCART	-102.53	-81.32	1.2
RE DISCCART	-101.12	-82.73	1.2
RE DISCCART	-99.7	-84.15	1.2
RE DISCCART	-98.29	-85.56	1.2
RE DISCCART	-85.56	-98.29	1.2
RE DISCCART	-84.15	-99.7	1.2
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RE DISCCART	-81.32	-102.53	1.2
RE DISCCART	-79.9	-103.94	1.2
RE DISCCART	-77.78	-106.07	1.2
RE DISCCART	-74.25	-109.6	1.2
RE DISCCART	-70.71	-113.14	1.2
RE DISCCART	-63.64	-120.21	1.2
RE DISCCART	-56.57	-127.28	1.2
RE DISCCART	-49.5	-134.35	1.2
RE DISCCART	-42.43	-141.42	1.2
RE DISCCART	-35.36	-148.49	1.2
RE DISCCART	-28.28	-155.56	1.2
RE DISCCART	-21.21	-162.63	1.2
RE DISCCART	-155.56	-14.14	1.2
RE DISCCART	-148.49	-21.21	1.2
RE DISCCART	-141.42	-28.28	1.2
RE DISCCART	-134.35	-35.36	1.2
RE DISCCART	-127.28	-42.43	1.2

RE DISCCART	-120.21	-49.5	1.2
RE DISCCART	-113.14	-56.57	1.2
RE DISCCART	-106.07	-63.64	1.2
RE DISCCART	-102.53	-67.18	1.2
RE DISCCART	-98.99	-70.71	1.2
RE DISCCART	-96.87	-72.83	1.2
RE DISCCART	-95.46	-74.25	1.2
RE DISCCART	-94.05	-75.66	1.2
RE DISCCART	-92.63	-77.07	1.2
RE DISCCART	-91.22	-78.49	1.2
RE DISCCART	-78.49	-91.22	1.2
RE DISCCART	-77.07	-92.63	1.2
RE DISCCART	-75.66	-94.05	1.2
RE DISCCART	-74.25	-95.46	1.2
RE DISCCART	-72.83	-96.87	1.2
RE DISCCART	-70.71	-98.99	1.2
RE DISCCART	-67.18	-102.53	1.2
RE DISCCART	-63.64	-106.07	1.2
RE DISCCART	-56.57	-113.14	1.2
RE DISCCART	-49.5	-120.21	1.2
RE DISCCART	-42.43	-127.28	1.2
RE DISCCART	-35.36	-134.35	1.2
RE DISCCART	-28.28	-141.42	1.2
RE DISCCART	-21.21	-148.49	1.2
RE DISCCART	-14.14	-155.56	1.2
RE DISCCART	-148.49	-7.07	1.2
RE DISCCART	-141.42	-14.14	1.2
RE DISCCART	-134.35	-21.21	1.2
RE DISCCART	-127.28	-28.28	1.2
RE DISCCART	-120.21	-35.36	1.2
RE DISCCART	-113.14	-42.43	1.2
RE DISCCART	-106.07	-49.5	1.2
RE DISCCART	-98.99	-56.57	1.2
RE DISCCART	-95.46	-60.1	1.2
RE DISCCART	-91.92	-63.64	1.2
RE DISCCART	-89.8	-65.76	1.2
RE DISCCART	-88.39	-67.18	1.2
RE DISCCART	-86.97	-68.59	1.2
RE DISCCART	-85.56	-70.0	1.2
RE DISCCART	-84.15	-71.42	1.2
RE DISCCART	-71.42	-84.15	1.2
RE DISCCART	-70.0	-85.56	1.2
RE DISCCART	-68.59	-86.97	1.2
RE DISCCART	-67.18	-88.39	1.2

RE DISCCART	-65.76	-89.8	1.2
RE DISCCART	-63.64	-91.92	1.2
RE DISCCART	-60.1	-95.46	1.2
RE DISCCART	-56.57	-98.99	1.2
RE DISCCART	-49.5	-106.07	1.2
RE DISCCART	-42.43	-113.14	1.2
RE DISCCART	-35.36	-120.21	1.2
RE DISCCART	-28.28	-127.28	1.2
RE DISCCART	-21.21	-134.35	1.2
RE DISCCART	-14.14	-141.42	1.2
RE DISCCART	-7.07	-148.49	1.2
RE DISCCART	-141.42	0.0	1.2
RE DISCCART	-134.35	-7.07	1.2
RE DISCCART	-127.28	-14.14	1.2
RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	-106.07	-35.36	1.2
RE DISCCART	-98.99	-42.43	1.2
RE DISCCART	-91.92	-49.5	1.2
RE DISCCART	-88.39	-53.03	1.2
RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	-82.73	-58.69	1.2
RE DISCCART	-81.32	-60.1	1.2
RE DISCCART	-79.9	-61.52	1.2
RE DISCCART	-78.49	-62.93	1.2
RE DISCCART	-77.07	-64.35	1.2
RE DISCCART	-64.35	-77.07	1.2
RE DISCCART	-62.93	-78.49	1.2
RE DISCCART	-61.52	-79.9	1.2
RE DISCCART	-60.1	-81.32	1.2
RE DISCCART	-58.69	-82.73	1.2
RE DISCCART	-56.57	-84.85	1.2
RE DISCCART	-53.03	-88.39	1.2
RE DISCCART	-49.5	-91.92	1.2
RE DISCCART	-42.43	-98.99	1.2
RE DISCCART	-35.36	-106.07	1.2
RE DISCCART	-28.28	-113.14	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	-14.14	-127.28	1.2
RE DISCCART	-7.07	-134.35	1.2
RE DISCCART	0.0	-141.42	1.2
RE DISCCART	-134.35	7.07	1.2
RE DISCCART	-127.28	0.0	1.2
RE DISCCART	-120.21	-7.07	1.2

RE DISCCART	-113.14	-14.14	1.2
RE DISCCART	-106.07	-21.21	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-91.92	-35.36	1.2
RE DISCCART	-84.85	-42.43	1.2
RE DISCCART	-81.32	-45.96	1.2
RE DISCCART	-77.78	-49.5	1.2
RE DISCCART	-75.66	-51.62	1.2
RE DISCCART	-74.25	-53.03	1.2
RE DISCCART	-72.83	-54.45	1.2
RE DISCCART	-71.42	-55.86	1.2
RE DISCCART	-70.0	-57.28	1.2
RE DISCCART	-57.28	-70.0	1.2
RE DISCCART	-55.86	-71.42	1.2
RE DISCCART	-54.45	-72.83	1.2
RE DISCCART	-53.03	-74.25	1.2
RE DISCCART	-51.62	-75.66	1.2
RE DISCCART	-49.5	-77.78	1.2
RE DISCCART	-45.96	-81.32	1.2
RE DISCCART	-42.43	-84.85	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-28.28	-98.99	1.2
RE DISCCART	-21.21	-106.07	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	-127.28	14.14	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-113.14	0.0	1.2
RE DISCCART	-106.07	-7.07	1.2
RE DISCCART	-98.99	-14.14	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-77.78	-35.36	1.2
RE DISCCART	-74.25	-38.89	1.2
RE DISCCART	-70.71	-42.43	1.2
RE DISCCART	-68.59	-44.55	1.2
RE DISCCART	-67.18	-45.96	1.2
RE DISCCART	-65.76	-47.38	1.2
RE DISCCART	-64.35	-48.79	1.2
RE DISCCART	-62.93	-50.2	1.2
RE DISCCART	-50.2	-62.93	1.2
RE DISCCART	-48.79	-64.35	1.2

RE DISCCART	-47.38	-65.76	1.2
RE DISCCART	-45.96	-67.18	1.2
RE DISCCART	-44.55	-68.59	1.2
RE DISCCART	-42.43	-70.71	1.2
RE DISCCART	-38.89	-74.25	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-21.21	-91.92	1.2
RE DISCCART	-14.14	-98.99	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	-120.21	21.21	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-106.07	7.07	1.2
RE DISCCART	-98.99	0.0	1.2
RE DISCCART	-91.92	-7.07	1.2
RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-70.71	-28.28	1.2
RE DISCCART	-67.18	-31.82	1.2
RE DISCCART	-63.64	-35.36	1.2
RE DISCCART	-61.52	-37.48	1.2
RE DISCCART	-60.1	-38.89	1.2
RE DISCCART	-58.69	-40.31	1.2
RE DISCCART	-57.28	-41.72	1.2
RE DISCCART	-55.86	-43.13	1.2
RE DISCCART	-43.13	-55.86	1.2
RE DISCCART	-41.72	-57.28	1.2
RE DISCCART	-40.31	-58.69	1.2
RE DISCCART	-38.89	-60.1	1.2
RE DISCCART	-37.48	-61.52	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-31.82	-67.18	1.2
RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-21.21	-77.78	1.2
RE DISCCART	-14.14	-84.85	1.2
RE DISCCART	-7.07	-91.92	1.2
RE DISCCART	0.0	-98.99	1.2
RE DISCCART	7.07	-106.07	1.2
RE DISCCART	14.14	-113.14	1.2
RE DISCCART	21.21	-120.21	1.2
RE DISCCART	-113.14	28.28	1.2

RE DISCCART	-106.07	21.21	1.2
RE DISCCART	-98.99	14.14	1.2
RE DISCCART	-91.92	7.07	1.2
RE DISCCART	-84.85	0.0	1.2
RE DISCCART	-77.78	-7.07	1.2
RE DISCCART	-70.71	-14.14	1.2
RE DISCCART	-63.64	-21.21	1.2
RE DISCCART	-60.1	-24.75	1.2
RE DISCCART	-56.57	-28.28	1.2
RE DISCCART	-54.45	-30.41	1.2
RE DISCCART	-53.03	-31.82	1.2
RE DISCCART	-51.62	-33.23	1.2
RE DISCCART	-50.2	-34.65	1.2
RE DISCCART	-48.79	-36.06	1.2
RE DISCCART	-36.06	-48.79	1.2
RE DISCCART	-34.65	-50.2	1.2
RE DISCCART	-33.23	-51.62	1.2
RE DISCCART	-31.82	-53.03	1.2
RE DISCCART	-30.41	-54.45	1.2
RE DISCCART	-28.28	-56.57	1.2
RE DISCCART	-24.75	-60.1	1.2
RE DISCCART	-21.21	-63.64	1.2
RE DISCCART	-14.14	-70.71	1.2
RE DISCCART	-7.07	-77.78	1.2
RE DISCCART	0.0	-84.85	1.2
RE DISCCART	7.07	-91.92	1.2
RE DISCCART	14.14	-98.99	1.2
RE DISCCART	21.21	-106.07	1.2
RE DISCCART	28.28	-113.14	1.2
RE DISCCART	-106.07	35.36	1.2
RE DISCCART	-98.99	28.28	1.2
RE DISCCART	-91.92	21.21	1.2
RE DISCCART	-84.85	14.14	1.2
RE DISCCART	-77.78	7.07	1.2
RE DISCCART	-70.71	0.0	1.2
RE DISCCART	-63.64	-7.07	1.2
RE DISCCART	-56.57	-14.14	1.2
RE DISCCART	-53.03	-17.68	1.2
RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-47.38	-23.33	1.2
RE DISCCART	-45.96	-24.75	1.2
RE DISCCART	-44.55	-26.16	1.2
RE DISCCART	-43.13	-27.58	1.2
RE DISCCART	-41.72	-28.99	1.2

RE DISCCART	-28.99	-41.72	1.2
RE DISCCART	-27.58	-43.13	1.2
RE DISCCART	-26.16	-44.55	1.2
RE DISCCART	-24.75	-45.96	1.2
RE DISCCART	-23.33	-47.38	1.2
RE DISCCART	-21.21	-49.5	1.2
RE DISCCART	-17.68	-53.03	1.2
RE DISCCART	-14.14	-56.57	1.2
RE DISCCART	-7.07	-63.64	1.2
RE DISCCART	0.0	-70.71	1.2
RE DISCCART	7.07	-77.78	1.2
RE DISCCART	14.14	-84.85	1.2
RE DISCCART	21.21	-91.92	1.2
RE DISCCART	28.28	-98.99	1.2
RE DISCCART	35.36	-106.07	1.2
RE DISCCART	-98.99	42.43	1.2
RE DISCCART	-91.92	35.36	1.2
RE DISCCART	-84.85	28.28	1.2
RE DISCCART	-77.78	21.21	1.2
RE DISCCART	-70.71	14.14	1.2
RE DISCCART	-63.64	7.07	1.2
RE DISCCART	-56.57	0.0	1.2
RE DISCCART	-49.5	-7.07	1.2
RE DISCCART	-45.96	-10.61	1.2
RE DISCCART	-42.43	-14.14	1.2
RE DISCCART	-40.31	-16.26	1.2
RE DISCCART	-38.89	-17.68	1.2
RE DISCCART	-37.48	-19.09	1.2
RE DISCCART	-36.06	-20.51	1.2
RE DISCCART	-34.65	-21.92	1.2
RE DISCCART	-21.92	-34.65	1.2
RE DISCCART	-20.51	-36.06	1.2
RE DISCCART	-19.09	-37.48	1.2
RE DISCCART	-17.68	-38.89	1.2
RE DISCCART	-16.26	-40.31	1.2
RE DISCCART	-14.14	-42.43	1.2
RE DISCCART	-10.61	-45.96	1.2
RE DISCCART	-7.07	-49.5	1.2
RE DISCCART	0.0	-56.57	1.2
RE DISCCART	7.07	-63.64	1.2
RE DISCCART	14.14	-70.71	1.2
RE DISCCART	21.21	-77.78	1.2
RE DISCCART	28.28	-84.85	1.2
RE DISCCART	35.36	-91.92	1.2

RE DISCCART	42.43	-98.99	1.2
RE DISCCART	-91.92	49.5	1.2
RE DISCCART	-84.85	42.43	1.2
RE DISCCART	-77.78	35.36	1.2
RE DISCCART	-70.71	28.28	1.2
RE DISCCART	-63.64	21.21	1.2
RE DISCCART	-56.57	14.14	1.2
RE DISCCART	-49.5	7.07	1.2
RE DISCCART	-42.43	0.0	1.2
RE DISCCART	-38.89	-3.54	1.2
RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-33.23	-9.19	1.2
RE DISCCART	-31.82	-10.61	1.2
RE DISCCART	-30.41	-12.02	1.2
RE DISCCART	-28.99	-13.44	1.2
RE DISCCART	-27.58	-14.85	1.2
RE DISCCART	-14.85	-27.58	1.2
RE DISCCART	-13.44	-28.99	1.2
RE DISCCART	-12.02	-30.41	1.2
RE DISCCART	-10.61	-31.82	1.2
RE DISCCART	-9.19	-33.23	1.2
RE DISCCART	-7.07	-35.36	1.2
RE DISCCART	-3.54	-38.89	1.2
RE DISCCART	0.0	-42.43	1.2
RE DISCCART	7.07	-49.5	1.2
RE DISCCART	14.14	-56.57	1.2
RE DISCCART	21.21	-63.64	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	35.36	-77.78	1.2
RE DISCCART	42.43	-84.85	1.2
RE DISCCART	49.5	-91.92	1.2
RE DISCCART	-84.85	56.57	1.2
RE DISCCART	-77.78	49.5	1.2
RE DISCCART	-70.71	42.43	1.2
RE DISCCART	-63.64	35.36	1.2
RE DISCCART	-56.57	28.28	1.2
RE DISCCART	-49.5	21.21	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-35.36	7.07	1.2
RE DISCCART	-31.82	3.54	1.2
RE DISCCART	-28.28	0.0	1.2
RE DISCCART	-26.16	-2.12	1.2
RE DISCCART	-24.75	-3.54	1.2
RE DISCCART	-23.33	-4.95	1.2

RE DISCCART	-21.92	-6.36	1.2
RE DISCCART	-20.51	-7.78	1.2
RE DISCCART	-7.78	-20.51	1.2
RE DISCCART	-6.36	-21.92	1.2
RE DISCCART	-4.95	-23.33	1.2
RE DISCCART	-3.54	-24.75	1.2
RE DISCCART	-2.12	-26.16	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	3.54	-31.82	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	28.28	-56.57	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	42.43	-70.71	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	56.57	-84.85	1.2
RE DISCCART	-77.78	63.64	1.2
RE DISCCART	-70.71	56.57	1.2
RE DISCCART	-63.64	49.5	1.2
RE DISCCART	-56.57	42.43	1.2
RE DISCCART	-49.5	35.36	1.2
RE DISCCART	-42.43	28.28	1.2
RE DISCCART	-35.36	21.21	1.2
RE DISCCART	-28.28	14.14	1.2
RE DISCCART	-24.75	10.61	1.2
RE DISCCART	-21.21	7.07	1.2
RE DISCCART	-19.09	4.95	1.2
RE DISCCART	-17.68	3.54	1.2
RE DISCCART	-16.26	2.12	1.2
RE DISCCART	-14.85	0.71	1.2
RE DISCCART	-13.44	-0.71	1.2
RE DISCCART	-0.71	-13.44	1.2
RE DISCCART	0.71	-14.85	1.2
RE DISCCART	2.12	-16.26	1.2
RE DISCCART	3.54	-17.68	1.2
RE DISCCART	4.95	-19.09	1.2
RE DISCCART	7.07	-21.21	1.2
RE DISCCART	10.61	-24.75	1.2
RE DISCCART	14.14	-28.28	1.2
RE DISCCART	21.21	-35.36	1.2
RE DISCCART	28.28	-42.43	1.2
RE DISCCART	35.36	-49.5	1.2
RE DISCCART	42.43	-56.57	1.2

RE DISCCART	49.5	-63.64	1.2
RE DISCCART	56.57	-70.71	1.2
RE DISCCART	63.64	-77.78	1.2
RE DISCCART	-70.71	70.71	1.2
RE DISCCART	-63.64	63.64	1.2
RE DISCCART	-56.57	56.57	1.2
RE DISCCART	-49.5	49.5	1.2
RE DISCCART	-42.43	42.43	1.2
RE DISCCART	-35.36	35.36	1.2
RE DISCCART	-28.28	28.28	1.2
RE DISCCART	-21.21	21.21	1.2
RE DISCCART	-17.68	17.68	1.2
RE DISCCART	-14.14	14.14	1.2
RE DISCCART	-12.02	12.02	1.2
RE DISCCART	-10.61	10.61	1.2
RE DISCCART	-9.19	9.19	1.2
RE DISCCART	-7.78	7.78	1.2
RE DISCCART	-6.36	6.36	1.2
RE DISCCART	6.36	-6.36	1.2
RE DISCCART	7.78	-7.78	1.2
RE DISCCART	9.19	-9.19	1.2
RE DISCCART	10.61	-10.61	1.2
RE DISCCART	12.02	-12.02	1.2
RE DISCCART	14.14	-14.14	1.2
RE DISCCART	17.68	-17.68	1.2
RE DISCCART	21.21	-21.21	1.2
RE DISCCART	28.28	-28.28	1.2
RE DISCCART	35.36	-35.36	1.2
RE DISCCART	42.43	-42.43	1.2
RE DISCCART	49.5	-49.5	1.2
RE DISCCART	56.57	-56.57	1.2
RE DISCCART	63.64	-63.64	1.2
RE DISCCART	70.71	-70.71	1.2
RE DISCCART	-63.64	77.78	1.2
RE DISCCART	-56.57	70.71	1.2
RE DISCCART	-49.5	63.64	1.2
RE DISCCART	-42.43	56.57	1.2
RE DISCCART	-35.36	49.5	1.2
RE DISCCART	-28.28	42.43	1.2
RE DISCCART	-21.21	35.36	1.2
RE DISCCART	-14.14	28.28	1.2
RE DISCCART	-10.61	24.75	1.2
RE DISCCART	-7.07	21.21	1.2
RE DISCCART	-4.95	19.09	1.2

RE DISCCART	-3.54	17.68	1.2
RE DISCCART	-2.12	16.26	1.2
RE DISCCART	-0.71	14.85	1.2
RE DISCCART	0.71	13.44	1.2
RE DISCCART	13.44	0.71	1.2
RE DISCCART	14.85	-0.71	1.2
RE DISCCART	16.26	-2.12	1.2
RE DISCCART	17.68	-3.54	1.2
RE DISCCART	19.09	-4.95	1.2
RE DISCCART	21.21	-7.07	1.2
RE DISCCART	24.75	-10.61	1.2
RE DISCCART	28.28	-14.14	1.2
RE DISCCART	35.36	-21.21	1.2
RE DISCCART	42.43	-28.28	1.2
RE DISCCART	49.5	-35.36	1.2
RE DISCCART	56.57	-42.43	1.2
RE DISCCART	63.64	-49.5	1.2
RE DISCCART	70.71	-56.57	1.2
RE DISCCART	77.78	-63.64	1.2
RE DISCCART	-56.57	84.85	1.2
RE DISCCART	-49.5	77.78	1.2
RE DISCCART	-42.43	70.71	1.2
RE DISCCART	-35.36	63.64	1.2
RE DISCCART	-28.28	56.57	1.2
RE DISCCART	-21.21	49.5	1.2
RE DISCCART	-14.14	42.43	1.2
RE DISCCART	-7.07	35.36	1.2
RE DISCCART	-3.54	31.82	1.2
RE DISCCART	0.0	28.28	1.2
RE DISCCART	2.12	26.16	1.2
RE DISCCART	3.54	24.75	1.2
RE DISCCART	4.95	23.33	1.2
RE DISCCART	6.36	21.92	1.2
RE DISCCART	7.78	20.51	1.2
RE DISCCART	20.51	7.78	1.2
RE DISCCART	21.92	6.36	1.2
RE DISCCART	23.33	4.95	1.2
RE DISCCART	24.75	3.54	1.2
RE DISCCART	26.16	2.12	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	31.82	-3.54	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	42.43	-14.14	1.2
RE DISCCART	49.5	-21.21	1.2

RE DISCCART	56.57	-28.28	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	-49.5	91.92	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-35.36	77.78	1.2
RE DISCCART	-28.28	70.71	1.2
RE DISCCART	-21.21	63.64	1.2
RE DISCCART	-14.14	56.57	1.2
RE DISCCART	-7.07	49.5	1.2
RE DISCCART	0.0	42.43	1.2
RE DISCCART	3.54	38.89	1.2
RE DISCCART	7.07	35.36	1.2
RE DISCCART	9.19	33.23	1.2
RE DISCCART	10.61	31.82	1.2
RE DISCCART	12.02	30.41	1.2
RE DISCCART	13.44	28.99	1.2
RE DISCCART	14.85	27.58	1.2
RE DISCCART	27.58	14.85	1.2
RE DISCCART	28.99	13.44	1.2
RE DISCCART	30.41	12.02	1.2
RE DISCCART	31.82	10.61	1.2
RE DISCCART	33.23	9.19	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	38.89	3.54	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	63.64	-21.21	1.2
RE DISCCART	70.71	-28.28	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	-42.43	98.99	1.2
RE DISCCART	-35.36	91.92	1.2
RE DISCCART	-28.28	84.85	1.2
RE DISCCART	-21.21	77.78	1.2
RE DISCCART	-14.14	70.71	1.2
RE DISCCART	-7.07	63.64	1.2
RE DISCCART	0.0	56.57	1.2
RE DISCCART	7.07	49.5	1.2
RE DISCCART	10.61	45.96	1.2

RE DISCCART	14.14	42.43	1.2
RE DISCCART	16.26	40.31	1.2
RE DISCCART	17.68	38.89	1.2
RE DISCCART	19.09	37.48	1.2
RE DISCCART	20.51	36.06	1.2
RE DISCCART	21.92	34.65	1.2
RE DISCCART	34.65	21.92	1.2
RE DISCCART	36.06	20.51	1.2
RE DISCCART	37.48	19.09	1.2
RE DISCCART	38.89	17.68	1.2
RE DISCCART	40.31	16.26	1.2
RE DISCCART	42.43	14.14	1.2
RE DISCCART	45.96	10.61	1.2
RE DISCCART	49.5	7.07	1.2
RE DISCCART	56.57	0.0	1.2
RE DISCCART	63.64	-7.07	1.2
RE DISCCART	70.71	-14.14	1.2
RE DISCCART	77.78	-21.21	1.2
RE DISCCART	84.85	-28.28	1.2
RE DISCCART	91.92	-35.36	1.2
RE DISCCART	98.99	-42.43	1.2
RE DISCCART	-35.36	106.07	1.2
RE DISCCART	-28.28	98.99	1.2
RE DISCCART	-21.21	91.92	1.2
RE DISCCART	-14.14	84.85	1.2
RE DISCCART	-7.07	77.78	1.2
RE DISCCART	0.0	70.71	1.2
RE DISCCART	7.07	63.64	1.2
RE DISCCART	14.14	56.57	1.2
RE DISCCART	17.68	53.03	1.2
RE DISCCART	21.21	49.5	1.2
RE DISCCART	23.33	47.38	1.2
RE DISCCART	24.75	45.96	1.2
RE DISCCART	26.16	44.55	1.2
RE DISCCART	27.58	43.13	1.2
RE DISCCART	28.99	41.72	1.2
RE DISCCART	41.72	28.99	1.2
RE DISCCART	43.13	27.58	1.2
RE DISCCART	44.55	26.16	1.2
RE DISCCART	45.96	24.75	1.2
RE DISCCART	47.38	23.33	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	53.03	17.68	1.2
RE DISCCART	56.57	14.14	1.2

RE DISCCART	63.64	7.07	1.2
RE DISCCART	70.71	0.0	1.2
RE DISCCART	77.78	-7.07	1.2
RE DISCCART	84.85	-14.14	1.2
RE DISCCART	91.92	-21.21	1.2
RE DISCCART	98.99	-28.28	1.2
RE DISCCART	106.07	-35.36	1.2
RE DISCCART	-28.28	113.14	1.2
RE DISCCART	-21.21	106.07	1.2
RE DISCCART	-14.14	98.99	1.2
RE DISCCART	-7.07	91.92	1.2
RE DISCCART	0.0	84.85	1.2
RE DISCCART	7.07	77.78	1.2
RE DISCCART	14.14	70.71	1.2
RE DISCCART	21.21	63.64	1.2
RE DISCCART	24.75	60.1	1.2
RE DISCCART	28.28	56.57	1.2
RE DISCCART	30.41	54.45	1.2
RE DISCCART	31.82	53.03	1.2
RE DISCCART	33.23	51.62	1.2
RE DISCCART	34.65	50.2	1.2
RE DISCCART	36.06	48.79	1.2
RE DISCCART	48.79	36.06	1.2
RE DISCCART	50.2	34.65	1.2
RE DISCCART	51.62	33.23	1.2
RE DISCCART	53.03	31.82	1.2
RE DISCCART	54.45	30.41	1.2
RE DISCCART	56.57	28.28	1.2
RE DISCCART	60.1	24.75	1.2
RE DISCCART	63.64	21.21	1.2
RE DISCCART	70.71	14.14	1.2
RE DISCCART	77.78	7.07	1.2
RE DISCCART	84.85	0.0	1.2
RE DISCCART	91.92	-7.07	1.2
RE DISCCART	98.99	-14.14	1.2
RE DISCCART	106.07	-21.21	1.2
RE DISCCART	113.14	-28.28	1.2
RE DISCCART	-21.21	120.21	1.2
RE DISCCART	-14.14	113.14	1.2
RE DISCCART	-7.07	106.07	1.2
RE DISCCART	0.0	98.99	1.2
RE DISCCART	7.07	91.92	1.2
RE DISCCART	14.14	84.85	1.2
RE DISCCART	21.21	77.78	1.2

RE DISCCART	28.28	70.71	1.2
RE DISCCART	31.82	67.18	1.2
RE DISCCART	35.36	63.64	1.2
RE DISCCART	37.48	61.52	1.2
RE DISCCART	38.89	60.1	1.2
RE DISCCART	40.31	58.69	1.2
RE DISCCART	41.72	57.28	1.2
RE DISCCART	43.13	55.86	1.2
RE DISCCART	55.86	43.13	1.2
RE DISCCART	57.28	41.72	1.2
RE DISCCART	58.69	40.31	1.2
RE DISCCART	60.1	38.89	1.2
RE DISCCART	61.52	37.48	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	67.18	31.82	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	91.92	7.07	1.2
RE DISCCART	98.99	0.0	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	-14.14	127.28	1.2
RE DISCCART	-7.07	120.21	1.2
RE DISCCART	0.0	113.14	1.2
RE DISCCART	7.07	106.07	1.2
RE DISCCART	14.14	98.99	1.2
RE DISCCART	21.21	91.92	1.2
RE DISCCART	28.28	84.85	1.2
RE DISCCART	35.36	77.78	1.2
RE DISCCART	38.89	74.25	1.2
RE DISCCART	42.43	70.71	1.2
RE DISCCART	44.55	68.59	1.2
RE DISCCART	45.96	67.18	1.2
RE DISCCART	47.38	65.76	1.2
RE DISCCART	48.79	64.35	1.2
RE DISCCART	50.2	62.93	1.2
RE DISCCART	62.93	50.2	1.2
RE DISCCART	64.35	48.79	1.2
RE DISCCART	65.76	47.38	1.2
RE DISCCART	67.18	45.96	1.2
RE DISCCART	68.59	44.55	1.2
RE DISCCART	70.71	42.43	1.2

RE DISCCART	74.25	38.89	1.2
RE DISCCART	77.78	35.36	1.2
RE DISCCART	84.85	28.28	1.2
RE DISCCART	91.92	21.21	1.2
RE DISCCART	98.99	14.14	1.2
RE DISCCART	106.07	7.07	1.2
RE DISCCART	113.14	0.0	1.2
RE DISCCART	120.21	-7.07	1.2
RE DISCCART	127.28	-14.14	1.2
RE DISCCART	-7.07	134.35	1.2
RE DISCCART	0.0	127.28	1.2
RE DISCCART	7.07	120.21	1.2
RE DISCCART	14.14	113.14	1.2
RE DISCCART	21.21	106.07	1.2
RE DISCCART	28.28	98.99	1.2
RE DISCCART	35.36	91.92	1.2
RE DISCCART	42.43	84.85	1.2
RE DISCCART	45.96	81.32	1.2
RE DISCCART	49.5	77.78	1.2
RE DISCCART	51.62	75.66	1.2
RE DISCCART	53.03	74.25	1.2
RE DISCCART	54.45	72.83	1.2
RE DISCCART	55.86	71.42	1.2
RE DISCCART	57.28	70.0	1.2
RE DISCCART	70.0	57.28	1.2
RE DISCCART	71.42	55.86	1.2
RE DISCCART	72.83	54.45	1.2
RE DISCCART	74.25	53.03	1.2
RE DISCCART	75.66	51.62	1.2
RE DISCCART	77.78	49.5	1.2
RE DISCCART	81.32	45.96	1.2
RE DISCCART	84.85	42.43	1.2
RE DISCCART	91.92	35.36	1.2
RE DISCCART	98.99	28.28	1.2
RE DISCCART	106.07	21.21	1.2
RE DISCCART	113.14	14.14	1.2
RE DISCCART	120.21	7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	0.0	141.42	1.2
RE DISCCART	7.07	134.35	1.2
RE DISCCART	14.14	127.28	1.2
RE DISCCART	21.21	120.21	1.2
RE DISCCART	28.28	113.14	1.2

RE DISCCART	35.36	106.07	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	49.5	91.92	1.2
RE DISCCART	53.03	88.39	1.2
RE DISCCART	56.57	84.85	1.2
RE DISCCART	58.69	82.73	1.2
RE DISCCART	60.1	81.32	1.2
RE DISCCART	61.52	79.9	1.2
RE DISCCART	62.93	78.49	1.2
RE DISCCART	64.35	77.07	1.2
RE DISCCART	77.07	64.35	1.2
RE DISCCART	78.49	62.93	1.2
RE DISCCART	79.9	61.52	1.2
RE DISCCART	81.32	60.1	1.2
RE DISCCART	82.73	58.69	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	88.39	53.03	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	113.14	28.28	1.2
RE DISCCART	120.21	21.21	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	7.07	148.49	1.2
RE DISCCART	14.14	141.42	1.2
RE DISCCART	21.21	134.35	1.2
RE DISCCART	28.28	127.28	1.2
RE DISCCART	35.36	120.21	1.2
RE DISCCART	42.43	113.14	1.2
RE DISCCART	49.5	106.07	1.2
RE DISCCART	56.57	98.99	1.2
RE DISCCART	60.1	95.46	1.2
RE DISCCART	63.64	91.92	1.2
RE DISCCART	65.76	89.8	1.2
RE DISCCART	67.18	88.39	1.2
RE DISCCART	68.59	86.97	1.2
RE DISCCART	70.0	85.56	1.2
RE DISCCART	71.42	84.15	1.2
RE DISCCART	84.15	71.42	1.2
RE DISCCART	85.56	70.0	1.2
RE DISCCART	86.97	68.59	1.2
RE DISCCART	88.39	67.18	1.2

RE DISCCART	89.8	65.76	1.2
RE DISCCART	91.92	63.64	1.2
RE DISCCART	95.46	60.1	1.2
RE DISCCART	98.99	56.57	1.2
RE DISCCART	106.07	49.5	1.2
RE DISCCART	113.14	42.43	1.2
RE DISCCART	120.21	35.36	1.2
RE DISCCART	127.28	28.28	1.2
RE DISCCART	134.35	21.21	1.2
RE DISCCART	141.42	14.14	1.2
RE DISCCART	148.49	7.07	1.2
RE DISCCART	14.14	155.56	1.2
RE DISCCART	21.21	148.49	1.2
RE DISCCART	28.28	141.42	1.2
RE DISCCART	35.36	134.35	1.2
RE DISCCART	42.43	127.28	1.2
RE DISCCART	49.5	120.21	1.2
RE DISCCART	56.57	113.14	1.2
RE DISCCART	63.64	106.07	1.2
RE DISCCART	67.18	102.53	1.2
RE DISCCART	70.71	98.99	1.2
RE DISCCART	72.83	96.87	1.2
RE DISCCART	74.25	95.46	1.2
RE DISCCART	75.66	94.05	1.2
RE DISCCART	77.07	92.63	1.2
RE DISCCART	78.49	91.22	1.2
RE DISCCART	91.22	78.49	1.2
RE DISCCART	92.63	77.07	1.2
RE DISCCART	94.05	75.66	1.2
RE DISCCART	95.46	74.25	1.2
RE DISCCART	96.87	72.83	1.2
RE DISCCART	98.99	70.71	1.2
RE DISCCART	102.53	67.18	1.2
RE DISCCART	106.07	63.64	1.2
RE DISCCART	113.14	56.57	1.2
RE DISCCART	120.21	49.5	1.2
RE DISCCART	127.28	42.43	1.2
RE DISCCART	134.35	35.36	1.2
RE DISCCART	141.42	28.28	1.2
RE DISCCART	148.49	21.21	1.2
RE DISCCART	155.56	14.14	1.2
RE DISCCART	21.21	162.63	1.2
RE DISCCART	28.28	155.56	1.2
RE DISCCART	35.36	148.49	1.2

RE DISCCART	42.43	141.42	1.2
RE DISCCART	49.5	134.35	1.2
RE DISCCART	56.57	127.28	1.2
RE DISCCART	63.64	120.21	1.2
RE DISCCART	70.71	113.14	1.2
RE DISCCART	74.25	109.6	1.2
RE DISCCART	77.78	106.07	1.2
RE DISCCART	79.9	103.94	1.2
RE DISCCART	81.32	102.53	1.2
RE DISCCART	82.73	101.12	1.2
RE DISCCART	84.15	99.7	1.2
RE DISCCART	85.56	98.29	1.2
RE DISCCART	98.29	85.56	1.2
RE DISCCART	99.7	84.15	1.2
RE DISCCART	101.12	82.73	1.2
RE DISCCART	102.53	81.32	1.2
RE DISCCART	103.94	79.9	1.2
RE DISCCART	106.07	77.78	1.2
RE DISCCART	109.6	74.25	1.2
RE DISCCART	113.14	70.71	1.2
RE DISCCART	120.21	63.64	1.2
RE DISCCART	127.28	56.57	1.2
RE DISCCART	134.35	49.5	1.2
RE DISCCART	141.42	42.43	1.2
RE DISCCART	148.49	35.36	1.2
RE DISCCART	155.56	28.28	1.2
RE DISCCART	162.63	21.21	1.2
RE DISCCART	28.28	169.71	1.2
RE DISCCART	35.36	162.63	1.2
RE DISCCART	42.43	155.56	1.2
RE DISCCART	49.5	148.49	1.2
RE DISCCART	56.57	141.42	1.2
RE DISCCART	63.64	134.35	1.2
RE DISCCART	70.71	127.28	1.2
RE DISCCART	77.78	120.21	1.2
RE DISCCART	81.32	116.67	1.2
RE DISCCART	84.85	113.14	1.2
RE DISCCART	86.97	111.02	1.2
RE DISCCART	88.39	109.6	1.2
RE DISCCART	89.8	108.19	1.2
RE DISCCART	91.22	106.77	1.2
RE DISCCART	92.63	105.36	1.2
RE DISCCART	105.36	92.63	1.2
RE DISCCART	106.77	91.22	1.2

RE DISCCART	108.19	89.8	1.2
RE DISCCART	109.6	88.39	1.2
RE DISCCART	111.02	86.97	1.2
RE DISCCART	113.14	84.85	1.2
RE DISCCART	116.67	81.32	1.2
RE DISCCART	120.21	77.78	1.2
RE DISCCART	127.28	70.71	1.2
RE DISCCART	134.35	63.64	1.2
RE DISCCART	141.42	56.57	1.2
RE DISCCART	148.49	49.5	1.2
RE DISCCART	155.56	42.43	1.2
RE DISCCART	162.63	35.36	1.2
RE DISCCART	169.71	28.28	1.2
RE DISCCART	35.36	176.78	1.2
RE DISCCART	42.43	169.71	1.2
RE DISCCART	49.5	162.63	1.2
RE DISCCART	56.57	155.56	1.2
RE DISCCART	63.64	148.49	1.2
RE DISCCART	70.71	141.42	1.2
RE DISCCART	77.78	134.35	1.2
RE DISCCART	84.85	127.28	1.2
RE DISCCART	88.39	123.74	1.2
RE DISCCART	91.92	120.21	1.2
RE DISCCART	94.05	118.09	1.2
RE DISCCART	95.46	116.67	1.2
RE DISCCART	96.87	115.26	1.2
RE DISCCART	98.29	113.84	1.2
RE DISCCART	99.7	112.43	1.2
RE DISCCART	112.43	99.7	1.2
RE DISCCART	113.84	98.29	1.2
RE DISCCART	115.26	96.87	1.2
RE DISCCART	116.67	95.46	1.2
RE DISCCART	118.09	94.05	1.2
RE DISCCART	120.21	91.92	1.2
RE DISCCART	123.74	88.39	1.2
RE DISCCART	127.28	84.85	1.2
RE DISCCART	134.35	77.78	1.2
RE DISCCART	141.42	70.71	1.2
RE DISCCART	148.49	63.64	1.2
RE DISCCART	155.56	56.57	1.2
RE DISCCART	162.63	49.5	1.2
RE DISCCART	169.71	42.43	1.2
RE DISCCART	176.78	35.36	1.2
RE DISCCART	42.43	183.85	1.2

RE DISCCART	49.5	176.78	1.2
RE DISCCART	56.57	169.71	1.2
RE DISCCART	63.64	162.63	1.2
RE DISCCART	70.71	155.56	1.2
RE DISCCART	77.78	148.49	1.2
RE DISCCART	84.85	141.42	1.2
RE DISCCART	91.92	134.35	1.2
RE DISCCART	95.46	130.81	1.2
RE DISCCART	98.99	127.28	1.2
RE DISCCART	101.12	125.16	1.2
RE DISCCART	102.53	123.74	1.2
RE DISCCART	103.94	122.33	1.2
RE DISCCART	105.36	120.92	1.2
RE DISCCART	106.77	119.5	1.2
RE DISCCART	119.5	106.77	1.2
RE DISCCART	120.92	105.36	1.2
RE DISCCART	122.33	103.94	1.2
RE DISCCART	123.74	102.53	1.2
RE DISCCART	125.16	101.12	1.2
RE DISCCART	127.28	98.99	1.2
RE DISCCART	130.81	95.46	1.2
RE DISCCART	134.35	91.92	1.2
RE DISCCART	141.42	84.85	1.2
RE DISCCART	148.49	77.78	1.2
RE DISCCART	155.56	70.71	1.2
RE DISCCART	162.63	63.64	1.2
RE DISCCART	169.71	56.57	1.2
RE DISCCART	176.78	49.5	1.2
RE DISCCART	183.85	42.43	1.2
RE DISCCART	49.5	190.92	1.2
RE DISCCART	56.57	183.85	1.2
RE DISCCART	63.64	176.78	1.2
RE DISCCART	70.71	169.71	1.2
RE DISCCART	77.78	162.63	1.2
RE DISCCART	84.85	155.56	1.2
RE DISCCART	91.92	148.49	1.2
RE DISCCART	98.99	141.42	1.2
RE DISCCART	102.53	137.89	1.2
RE DISCCART	106.07	134.35	1.2
RE DISCCART	108.19	132.23	1.2
RE DISCCART	109.6	130.81	1.2
RE DISCCART	111.02	129.4	1.2
RE DISCCART	112.43	127.99	1.2
RE DISCCART	113.84	126.57	1.2

RE DISCCART	126.57	113.84	1.2
RE DISCCART	127.99	112.43	1.2
RE DISCCART	129.4	111.02	1.2
RE DISCCART	130.81	109.6	1.2
RE DISCCART	132.23	108.19	1.2
RE DISCCART	134.35	106.07	1.2
RE DISCCART	137.89	102.53	1.2
RE DISCCART	141.42	98.99	1.2
RE DISCCART	148.49	91.92	1.2
RE DISCCART	155.56	84.85	1.2
RE DISCCART	162.63	77.78	1.2
RE DISCCART	169.71	70.71	1.2
RE DISCCART	176.78	63.64	1.2
RE DISCCART	183.85	56.57	1.2
RE DISCCART	190.92	49.5	1.2
RE DISCCART	56.57	197.99	1.2
RE DISCCART	63.64	190.92	1.2
RE DISCCART	70.71	183.85	1.2
RE DISCCART	77.78	176.78	1.2
RE DISCCART	84.85	169.71	1.2
RE DISCCART	91.92	162.63	1.2
RE DISCCART	98.99	155.56	1.2
RE DISCCART	106.07	148.49	1.2
RE DISCCART	109.6	144.96	1.2
RE DISCCART	113.14	141.42	1.2
RE DISCCART	115.26	139.3	1.2
RE DISCCART	116.67	137.89	1.2
RE DISCCART	118.09	136.47	1.2
RE DISCCART	119.5	135.06	1.2
RE DISCCART	120.92	133.64	1.2
RE DISCCART	133.64	120.92	1.2
RE DISCCART	135.06	119.5	1.2
RE DISCCART	136.47	118.09	1.2
RE DISCCART	137.89	116.67	1.2
RE DISCCART	139.3	115.26	1.2
RE DISCCART	141.42	113.14	1.2
RE DISCCART	144.96	109.6	1.2
RE DISCCART	148.49	106.07	1.2
RE DISCCART	155.56	98.99	1.2
RE DISCCART	162.63	91.92	1.2
RE DISCCART	169.71	84.85	1.2
RE DISCCART	176.78	77.78	1.2
RE DISCCART	183.85	70.71	1.2
RE DISCCART	190.92	63.64	1.2

RE DISCCART	197.99	56.57	1.2
RE DISCCART	63.64	205.06	1.2
RE DISCCART	70.71	197.99	1.2
RE DISCCART	77.78	190.92	1.2
RE DISCCART	84.85	183.85	1.2
RE DISCCART	91.92	176.78	1.2
RE DISCCART	98.99	169.71	1.2
RE DISCCART	106.07	162.63	1.2
RE DISCCART	113.14	155.56	1.2
RE DISCCART	116.67	152.03	1.2
RE DISCCART	120.21	148.49	1.2
RE DISCCART	122.33	146.37	1.2
RE DISCCART	123.74	144.96	1.2
RE DISCCART	125.16	143.54	1.2
RE DISCCART	126.57	142.13	1.2
RE DISCCART	127.99	140.71	1.2
RE DISCCART	140.71	127.99	1.2
RE DISCCART	142.13	126.57	1.2
RE DISCCART	143.54	125.16	1.2
RE DISCCART	144.96	123.74	1.2
RE DISCCART	146.37	122.33	1.2
RE DISCCART	148.49	120.21	1.2
RE DISCCART	152.03	116.67	1.2
RE DISCCART	155.56	113.14	1.2
RE DISCCART	162.63	106.07	1.2
RE DISCCART	169.71	98.99	1.2
RE DISCCART	176.78	91.92	1.2
RE DISCCART	183.85	84.85	1.2
RE DISCCART	190.92	77.78	1.2
RE DISCCART	197.99	70.71	1.2
RE DISCCART	205.06	63.64	1.2
RE DISCCART	70.71	212.13	1.2
RE DISCCART	77.78	205.06	1.2
RE DISCCART	84.85	197.99	1.2
RE DISCCART	91.92	190.92	1.2
RE DISCCART	98.99	183.85	1.2
RE DISCCART	106.07	176.78	1.2
RE DISCCART	113.14	169.71	1.2
RE DISCCART	120.21	162.63	1.2
RE DISCCART	123.74	159.1	1.2
RE DISCCART	127.28	155.56	1.2
RE DISCCART	129.4	153.44	1.2
RE DISCCART	130.81	152.03	1.2
RE DISCCART	132.23	150.61	1.2

RE DISCCART	133.64	149.2	1.2
RE DISCCART	135.06	147.79	1.2
RE DISCCART	147.79	135.06	1.2
RE DISCCART	149.2	133.64	1.2
RE DISCCART	150.61	132.23	1.2
RE DISCCART	152.03	130.81	1.2
RE DISCCART	153.44	129.4	1.2
RE DISCCART	155.56	127.28	1.2
RE DISCCART	159.1	123.74	1.2
RE DISCCART	162.63	120.21	1.2
RE DISCCART	169.71	113.14	1.2
RE DISCCART	176.78	106.07	1.2
RE DISCCART	183.85	98.99	1.2
RE DISCCART	190.92	91.92	1.2
RE DISCCART	197.99	84.85	1.2
RE DISCCART	205.06	77.78	1.2
RE DISCCART	212.13	70.71	1.2
RE DISCCART	77.78	219.2	1.2
RE DISCCART	84.85	212.13	1.2
RE DISCCART	91.92	205.06	1.2
RE DISCCART	98.99	197.99	1.2
RE DISCCART	106.07	190.92	1.2
RE DISCCART	113.14	183.85	1.2
RE DISCCART	120.21	176.78	1.2
RE DISCCART	127.28	169.71	1.2
RE DISCCART	130.81	166.17	1.2
RE DISCCART	134.35	162.63	1.2
RE DISCCART	136.47	160.51	1.2
RE DISCCART	137.89	159.1	1.2
RE DISCCART	139.3	157.68	1.2
RE DISCCART	140.71	156.27	1.2
RE DISCCART	142.13	154.86	1.2
RE DISCCART	154.86	142.13	1.2
RE DISCCART	156.27	140.71	1.2
RE DISCCART	157.68	139.3	1.2
RE DISCCART	159.1	137.89	1.2
RE DISCCART	160.51	136.47	1.2
RE DISCCART	162.63	134.35	1.2
RE DISCCART	166.17	130.81	1.2
RE DISCCART	169.71	127.28	1.2
RE DISCCART	176.78	120.21	1.2
RE DISCCART	183.85	113.14	1.2
RE DISCCART	190.92	106.07	1.2
RE DISCCART	197.99	98.99	1.2

RE DISCCART	205.06	91.92	1.2
RE DISCCART	212.13	84.85	1.2
RE DISCCART	219.2	77.78	1.2
RE DISCCART	84.85	226.27	1.2
RE DISCCART	91.92	219.2	1.2
RE DISCCART	98.99	212.13	1.2
RE DISCCART	106.07	205.06	1.2
RE DISCCART	113.14	197.99	1.2
RE DISCCART	120.21	190.92	1.2
RE DISCCART	127.28	183.85	1.2
RE DISCCART	134.35	176.78	1.2
RE DISCCART	137.89	173.24	1.2
RE DISCCART	141.42	169.71	1.2
RE DISCCART	143.54	167.58	1.2
RE DISCCART	144.96	166.17	1.2
RE DISCCART	146.37	164.76	1.2
RE DISCCART	147.79	163.34	1.2
RE DISCCART	149.2	161.93	1.2
RE DISCCART	161.93	149.2	1.2
RE DISCCART	163.34	147.79	1.2
RE DISCCART	164.76	146.37	1.2
RE DISCCART	166.17	144.96	1.2
RE DISCCART	167.58	143.54	1.2
RE DISCCART	169.71	141.42	1.2
RE DISCCART	173.24	137.89	1.2
RE DISCCART	176.78	134.35	1.2
RE DISCCART	183.85	127.28	1.2
RE DISCCART	190.92	120.21	1.2
RE DISCCART	197.99	113.14	1.2
RE DISCCART	205.06	106.07	1.2
RE DISCCART	212.13	98.99	1.2
RE DISCCART	219.2	91.92	1.2
RE DISCCART	226.27	84.85	1.2
RE DISCCART	91.92	233.35	1.2
RE DISCCART	98.99	226.27	1.2
RE DISCCART	106.07	219.2	1.2
RE DISCCART	113.14	212.13	1.2
RE DISCCART	120.21	205.06	1.2
RE DISCCART	127.28	197.99	1.2
RE DISCCART	134.35	190.92	1.2
RE DISCCART	141.42	183.85	1.2
RE DISCCART	144.96	180.31	1.2
RE DISCCART	148.49	176.78	1.2
RE DISCCART	150.61	174.66	1.2

RE DISCCART	152.03	173.24	1.2
RE DISCCART	153.44	171.83	1.2
RE DISCCART	154.86	170.41	1.2
RE DISCCART	156.27	169.0	1.2
RE DISCCART	169.0	156.27	1.2
RE DISCCART	170.41	154.86	1.2
RE DISCCART	171.83	153.44	1.2
RE DISCCART	173.24	152.03	1.2
RE DISCCART	174.66	150.61	1.2
RE DISCCART	176.78	148.49	1.2
RE DISCCART	180.31	144.96	1.2
RE DISCCART	183.85	141.42	1.2
RE DISCCART	190.92	134.35	1.2
RE DISCCART	197.99	127.28	1.2
RE DISCCART	205.06	120.21	1.2
RE DISCCART	212.13	113.14	1.2
RE DISCCART	219.2	106.07	1.2
RE DISCCART	226.27	98.99	1.2
RE DISCCART	233.35	91.92	1.2
RE DISCCART	98.99	240.42	1.2
RE DISCCART	106.07	233.35	1.2
RE DISCCART	113.14	226.27	1.2
RE DISCCART	120.21	219.2	1.2
RE DISCCART	127.28	212.13	1.2
RE DISCCART	134.35	205.06	1.2
RE DISCCART	141.42	197.99	1.2
RE DISCCART	148.49	190.92	1.2
RE DISCCART	152.03	187.38	1.2
RE DISCCART	155.56	183.85	1.2
RE DISCCART	157.68	181.73	1.2
RE DISCCART	159.1	180.31	1.2
RE DISCCART	160.51	178.9	1.2
RE DISCCART	161.93	177.48	1.2
RE DISCCART	163.34	176.07	1.2
RE DISCCART	176.07	163.34	1.2
RE DISCCART	177.48	161.93	1.2
RE DISCCART	178.9	160.51	1.2
RE DISCCART	180.31	159.1	1.2
RE DISCCART	181.73	157.68	1.2
RE DISCCART	183.85	155.56	1.2
RE DISCCART	187.38	152.03	1.2
RE DISCCART	190.92	148.49	1.2
RE DISCCART	197.99	141.42	1.2
RE DISCCART	205.06	134.35	1.2

RE DISCCART 212.13 127.28 1.2
RE DISCCART 219.2 120.21 1.2
RE DISCCART 226.27 113.14 1.2
RE DISCCART 233.35 106.07 1.2
RE DISCCART 240.42 98.99 1.2
RE DISCCART 106.07 247.49 1.2
RE DISCCART 113.14 240.42 1.2
RE DISCCART 120.21 233.35 1.2
RE DISCCART 127.28 226.27 1.2
RE DISCCART 134.35 219.2 1.2
RE DISCCART 141.42 212.13 1.2
RE DISCCART 148.49 205.06 1.2
RE DISCCART 155.56 197.99 1.2
RE DISCCART 159.1 194.45 1.2
RE DISCCART 162.63 190.92 1.2
RE DISCCART 164.76 188.8 1.2
RE DISCCART 166.17 187.38 1.2
RE DISCCART 167.58 185.97 1.2
RE DISCCART 169.0 184.55 1.2
RE DISCCART 170.41 183.14 1.2
RE DISCCART 183.14 170.41 1.2
RE DISCCART 184.55 169.0 1.2
RE DISCCART 185.97 167.58 1.2
RE DISCCART 187.38 166.17 1.2
RE DISCCART 188.8 164.76 1.2
RE DISCCART 190.92 162.63 1.2
RE DISCCART 194.45 159.1 1.2
RE DISCCART 197.99 155.56 1.2
RE DISCCART 205.06 148.49 1.2
RE DISCCART 212.13 141.42 1.2
RE DISCCART 219.2 134.35 1.2
RE DISCCART 226.27 127.28 1.2
RE DISCCART 233.35 120.21 1.2
RE DISCCART 240.42 113.14 1.2
RE DISCCART 247.49 106.07 1.2
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP013RA.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 2001

ME UAIRDATA 4901 2001

ME STARTEND 2001 01 01 1 2001 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\15NCRA-1.DAT

**Output Print File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\15NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

EMISSION RATE SOURCE SCALAR VARY BY ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	92.3	98.6	0.0	4.95	9.00	90.00	45.00	2.30
NCRA_S2	0	0.21100E-07	28.6	35.0	0.0	4.95	9.00	90.00	45.00	2.30
NCRA_S3	0	0.21100E-07	-35.0	-28.6	0.0	4.95	9.00	90.00	45.00	2.30
NCRA_S4	0	0.21100E-07	-98.6	-92.3	0.0	4.95	9.00	90.00	45.00	2.30
NCRA_S5	0	0.21100E-07	-162.3	-155.9	0.0	4.95	9.00	90.00	45.00	2.30

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

- NCRA_S1 NCRA_S1 ,
- NCRA_S2 NCRA_S2 ,
- NCRA_S3 NCRA_S3 ,
- NCRA_S4 NCRA_S4 ,
- NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

- (-247.5, -106.1, 0.0, 1.2); (-240.4, -113.1, 0.0, 1.2);
- (-233.4, -120.2, 0.0, 1.2); (-226.3, -127.3, 0.0, 1.2);
- (-219.2, -134.4, 0.0, 1.2); (-212.1, -141.4, 0.0, 1.2);

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

(-205.1,	-148.5,	0.0,	1.2);	(-198.0,	-155.6,	0.0,	1.2);
(-194.4,	-159.1,	0.0,	1.2);	(-190.9,	-162.6,	0.0,	1.2);
(-188.8,	-164.8,	0.0,	1.2);	(-187.4,	-166.2,	0.0,	1.2);
(-186.0,	-167.6,	0.0,	1.2);	(-184.6,	-169.0,	0.0,	1.2);
(-183.1,	-170.4,	0.0,	1.2);	(-170.4,	-183.1,	0.0,	1.2);
(-169.0,	-184.6,	0.0,	1.2);	(-167.6,	-186.0,	0.0,	1.2);
(-166.2,	-187.4,	0.0,	1.2);	(-164.8,	-188.8,	0.0,	1.2);
(-162.6,	-190.9,	0.0,	1.2);	(-159.1,	-194.4,	0.0,	1.2);
(-155.6,	-198.0,	0.0,	1.2);	(-148.5,	-205.1,	0.0,	1.2);
(-141.4,	-212.1,	0.0,	1.2);	(-134.4,	-219.2,	0.0,	1.2);
(-127.3,	-226.3,	0.0,	1.2);	(-120.2,	-233.4,	0.0,	1.2);
(-113.1,	-240.4,	0.0,	1.2);	(-106.1,	-247.5,	0.0,	1.2);
(-240.4,	-99.0,	0.0,	1.2);	(-233.4,	-106.1,	0.0,	1.2);
(-226.3,	-113.1,	0.0,	1.2);	(-219.2,	-120.2,	0.0,	1.2);
(-212.1,	-127.3,	0.0,	1.2);	(-205.1,	-134.4,	0.0,	1.2);
(-198.0,	-141.4,	0.0,	1.2);	(-190.9,	-148.5,	0.0,	1.2);
(-187.4,	-152.0,	0.0,	1.2);	(-183.9,	-155.6,	0.0,	1.2);
(-181.7,	-157.7,	0.0,	1.2);	(-180.3,	-159.1,	0.0,	1.2);
(-178.9,	-160.5,	0.0,	1.2);	(-177.5,	-161.9,	0.0,	1.2);
(-176.1,	-163.3,	0.0,	1.2);	(-163.3,	-176.1,	0.0,	1.2);
(-161.9,	-177.5,	0.0,	1.2);	(-160.5,	-178.9,	0.0,	1.2);
(-159.1,	-180.3,	0.0,	1.2);	(-157.7,	-181.7,	0.0,	1.2);
(-155.6,	-183.9,	0.0,	1.2);	(-152.0,	-187.4,	0.0,	1.2);
(-148.5,	-190.9,	0.0,	1.2);	(-141.4,	-198.0,	0.0,	1.2);
(-134.4,	-205.1,	0.0,	1.2);	(-127.3,	-212.1,	0.0,	1.2);
(-120.2,	-219.2,	0.0,	1.2);	(-113.1,	-226.3,	0.0,	1.2);
(-106.1,	-233.4,	0.0,	1.2);	(-99.0,	-240.4,	0.0,	1.2);
(-233.4,	-91.9,	0.0,	1.2);	(-226.3,	-99.0,	0.0,	1.2);
(-219.2,	-106.1,	0.0,	1.2);	(-212.1,	-113.1,	0.0,	1.2);
(-205.1,	-120.2,	0.0,	1.2);	(-198.0,	-127.3,	0.0,	1.2);
(-190.9,	-134.4,	0.0,	1.2);	(-183.9,	-141.4,	0.0,	1.2);
(-180.3,	-145.0,	0.0,	1.2);	(-176.8,	-148.5,	0.0,	1.2);
(-174.7,	-150.6,	0.0,	1.2);	(-173.2,	-152.0,	0.0,	1.2);
(-171.8,	-153.4,	0.0,	1.2);	(-170.4,	-154.9,	0.0,	1.2);
(-169.0,	-156.3,	0.0,	1.2);	(-156.3,	-169.0,	0.0,	1.2);
(-154.9,	-170.4,	0.0,	1.2);	(-153.4,	-171.8,	0.0,	1.2);
(-152.0,	-173.2,	0.0,	1.2);	(-150.6,	-174.7,	0.0,	1.2);
(-148.5,	-176.8,	0.0,	1.2);	(-145.0,	-180.3,	0.0,	1.2);
(-141.4,	-183.9,	0.0,	1.2);	(-134.4,	-190.9,	0.0,	1.2);
(-127.3,	-198.0,	0.0,	1.2);	(-120.2,	-205.1,	0.0,	1.2);
(-113.1,	-212.1,	0.0,	1.2);	(-106.1,	-219.2,	0.0,	1.2);
(-99.0,	-226.3,	0.0,	1.2);	(-91.9,	-233.4,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-226.3, -84.8, 0.0, 1.2);	(-219.2, -91.9, 0.0, 1.2);
(-212.1, -99.0, 0.0, 1.2);	(-205.1, -106.1, 0.0, 1.2);
(-198.0, -113.1, 0.0, 1.2);	(-190.9, -120.2, 0.0, 1.2);
(-183.9, -127.3, 0.0, 1.2);	(-176.8, -134.4, 0.0, 1.2);
(-173.2, -137.9, 0.0, 1.2);	(-169.7, -141.4, 0.0, 1.2);
(-167.6, -143.5, 0.0, 1.2);	(-166.2, -145.0, 0.0, 1.2);
(-164.8, -146.4, 0.0, 1.2);	(-163.3, -147.8, 0.0, 1.2);
(-161.9, -149.2, 0.0, 1.2);	(-149.2, -161.9, 0.0, 1.2);
(-147.8, -163.3, 0.0, 1.2);	(-146.4, -164.8, 0.0, 1.2);
(-145.0, -166.2, 0.0, 1.2);	(-143.5, -167.6, 0.0, 1.2);
(-141.4, -169.7, 0.0, 1.2);	(-137.9, -173.2, 0.0, 1.2);
(-134.4, -176.8, 0.0, 1.2);	(-127.3, -183.9, 0.0, 1.2);
(-120.2, -190.9, 0.0, 1.2);	(-113.1, -198.0, 0.0, 1.2);
(-106.1, -205.1, 0.0, 1.2);	(-99.0, -212.1, 0.0, 1.2);
(-91.9, -219.2, 0.0, 1.2);	(-84.8, -226.3, 0.0, 1.2);
(-219.2, -77.8, 0.0, 1.2);	(-212.1, -84.8, 0.0, 1.2);
(-205.1, -91.9, 0.0, 1.2);	(-198.0, -99.0, 0.0, 1.2);
(-190.9, -106.1, 0.0, 1.2);	(-183.9, -113.1, 0.0, 1.2);
(-176.8, -120.2, 0.0, 1.2);	(-169.7, -127.3, 0.0, 1.2);
(-166.2, -130.8, 0.0, 1.2);	(-162.6, -134.4, 0.0, 1.2);
(-160.5, -136.5, 0.0, 1.2);	(-159.1, -137.9, 0.0, 1.2);
(-157.7, -139.3, 0.0, 1.2);	(-156.3, -140.7, 0.0, 1.2);
(-154.9, -142.1, 0.0, 1.2);	(-142.1, -154.9, 0.0, 1.2);
(-140.7, -156.3, 0.0, 1.2);	(-139.3, -157.7, 0.0, 1.2);
(-137.9, -159.1, 0.0, 1.2);	(-136.5, -160.5, 0.0, 1.2);
(-134.4, -162.6, 0.0, 1.2);	(-130.8, -166.2, 0.0, 1.2);
(-127.3, -169.7, 0.0, 1.2);	(-120.2, -176.8, 0.0, 1.2);
(-113.1, -183.9, 0.0, 1.2);	(-106.1, -190.9, 0.0, 1.2);
(-99.0, -198.0, 0.0, 1.2);	(-91.9, -205.1, 0.0, 1.2);
(-84.8, -212.1, 0.0, 1.2);	(-77.8, -219.2, 0.0, 1.2);
(-212.1, -70.7, 0.0, 1.2);	(-205.1, -77.8, 0.0, 1.2);
(-198.0, -84.8, 0.0, 1.2);	(-190.9, -91.9, 0.0, 1.2);
(-183.9, -99.0, 0.0, 1.2);	(-176.8, -106.1, 0.0, 1.2);
(-169.7, -113.1, 0.0, 1.2);	(-162.6, -120.2, 0.0, 1.2);
(-159.1, -123.7, 0.0, 1.2);	(-155.6, -127.3, 0.0, 1.2);
(-153.4, -129.4, 0.0, 1.2);	(-152.0, -130.8, 0.0, 1.2);
(-150.6, -132.2, 0.0, 1.2);	(-149.2, -133.6, 0.0, 1.2);
(-147.8, -135.1, 0.0, 1.2);	(-135.1, -147.8, 0.0, 1.2);
(-133.6, -149.2, 0.0, 1.2);	(-132.2, -150.6, 0.0, 1.2);

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

(-130.8,	-152.0,	0.0,	1.2);	(-129.4,	-153.4,	0.0,	1.2);
(-127.3,	-155.6,	0.0,	1.2);	(-123.7,	-159.1,	0.0,	1.2);
(-120.2,	-162.6,	0.0,	1.2);	(-113.1,	-169.7,	0.0,	1.2);
(-106.1,	-176.8,	0.0,	1.2);	(-99.0,	-183.9,	0.0,	1.2);
(-91.9,	-190.9,	0.0,	1.2);	(-84.8,	-198.0,	0.0,	1.2);
(-77.8,	-205.1,	0.0,	1.2);	(-70.7,	-212.1,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-205.1,	-63.6,	0.0,	1.2);	(-198.0,	-70.7,	0.0,	1.2);
(-190.9,	-77.8,	0.0,	1.2);	(-183.9,	-84.8,	0.0,	1.2);
(-176.8,	-91.9,	0.0,	1.2);	(-169.7,	-99.0,	0.0,	1.2);
(-162.6,	-106.1,	0.0,	1.2);	(-155.6,	-113.1,	0.0,	1.2);
(-152.0,	-116.7,	0.0,	1.2);	(-148.5,	-120.2,	0.0,	1.2);
(-146.4,	-122.3,	0.0,	1.2);	(-145.0,	-123.7,	0.0,	1.2);
(-143.5,	-125.2,	0.0,	1.2);	(-142.1,	-126.6,	0.0,	1.2);
(-140.7,	-128.0,	0.0,	1.2);	(-128.0,	-140.7,	0.0,	1.2);
(-126.6,	-142.1,	0.0,	1.2);	(-125.2,	-143.5,	0.0,	1.2);
(-123.7,	-145.0,	0.0,	1.2);	(-122.3,	-146.4,	0.0,	1.2);
(-120.2,	-148.5,	0.0,	1.2);	(-116.7,	-152.0,	0.0,	1.2);
(-113.1,	-155.6,	0.0,	1.2);	(-106.1,	-162.6,	0.0,	1.2);
(-99.0,	-169.7,	0.0,	1.2);	(-91.9,	-176.8,	0.0,	1.2);
(-84.8,	-183.9,	0.0,	1.2);	(-77.8,	-190.9,	0.0,	1.2);
(-70.7,	-198.0,	0.0,	1.2);	(-63.6,	-205.1,	0.0,	1.2);
(-198.0,	-56.6,	0.0,	1.2);	(-190.9,	-63.6,	0.0,	1.2);
(-183.9,	-70.7,	0.0,	1.2);	(-176.8,	-77.8,	0.0,	1.2);
(-169.7,	-84.8,	0.0,	1.2);	(-162.6,	-91.9,	0.0,	1.2);
(-155.6,	-99.0,	0.0,	1.2);	(-148.5,	-106.1,	0.0,	1.2);
(-145.0,	-109.6,	0.0,	1.2);	(-141.4,	-113.1,	0.0,	1.2);
(-139.3,	-115.3,	0.0,	1.2);	(-137.9,	-116.7,	0.0,	1.2);
(-136.5,	-118.1,	0.0,	1.2);	(-135.1,	-119.5,	0.0,	1.2);
(-133.6,	-120.9,	0.0,	1.2);	(-120.9,	-133.6,	0.0,	1.2);
(-119.5,	-135.1,	0.0,	1.2);	(-118.1,	-136.5,	0.0,	1.2);
(-116.7,	-137.9,	0.0,	1.2);	(-115.3,	-139.3,	0.0,	1.2);
(-113.1,	-141.4,	0.0,	1.2);	(-109.6,	-145.0,	0.0,	1.2);
(-106.1,	-148.5,	0.0,	1.2);	(-99.0,	-155.6,	0.0,	1.2);
(-91.9,	-162.6,	0.0,	1.2);	(-84.8,	-169.7,	0.0,	1.2);
(-77.8,	-176.8,	0.0,	1.2);	(-70.7,	-183.9,	0.0,	1.2);
(-63.6,	-190.9,	0.0,	1.2);	(-56.6,	-198.0,	0.0,	1.2);
(-190.9,	-49.5,	0.0,	1.2);	(-183.9,	-56.6,	0.0,	1.2);

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

(-176.8, -63.6, 0.0, 1.2);	(-169.7, -70.7, 0.0, 1.2);
(-162.6, -77.8, 0.0, 1.2);	(-155.6, -84.8, 0.0, 1.2);
(-148.5, -91.9, 0.0, 1.2);	(-141.4, -99.0, 0.0, 1.2);
(-137.9, -102.5, 0.0, 1.2);	(-134.4, -106.1, 0.0, 1.2);
(-132.2, -108.2, 0.0, 1.2);	(-130.8, -109.6, 0.0, 1.2);
(-129.4, -111.0, 0.0, 1.2);	(-128.0, -112.4, 0.0, 1.2);
(-126.6, -113.8, 0.0, 1.2);	(-113.8, -126.6, 0.0, 1.2);
(-112.4, -128.0, 0.0, 1.2);	(-111.0, -129.4, 0.0, 1.2);
(-109.6, -130.8, 0.0, 1.2);	(-108.2, -132.2, 0.0, 1.2);
(-106.1, -134.4, 0.0, 1.2);	(-102.5, -137.9, 0.0, 1.2);
(-99.0, -141.4, 0.0, 1.2);	(-91.9, -148.5, 0.0, 1.2);
(-84.8, -155.6, 0.0, 1.2);	(-77.8, -162.6, 0.0, 1.2);
(-70.7, -169.7, 0.0, 1.2);	(-63.6, -176.8, 0.0, 1.2);
(-56.6, -183.9, 0.0, 1.2);	(-49.5, -190.9, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-183.9, -42.4, 0.0, 1.2);	(-176.8, -49.5, 0.0, 1.2);
(-169.7, -56.6, 0.0, 1.2);	(-162.6, -63.6, 0.0, 1.2);
(-155.6, -70.7, 0.0, 1.2);	(-148.5, -77.8, 0.0, 1.2);
(-141.4, -84.8, 0.0, 1.2);	(-134.4, -91.9, 0.0, 1.2);
(-130.8, -95.5, 0.0, 1.2);	(-127.3, -99.0, 0.0, 1.2);
(-125.2, -101.1, 0.0, 1.2);	(-123.7, -102.5, 0.0, 1.2);
(-122.3, -103.9, 0.0, 1.2);	(-120.9, -105.4, 0.0, 1.2);
(-119.5, -106.8, 0.0, 1.2);	(-106.8, -119.5, 0.0, 1.2);
(-105.4, -120.9, 0.0, 1.2);	(-103.9, -122.3, 0.0, 1.2);
(-102.5, -123.7, 0.0, 1.2);	(-101.1, -125.2, 0.0, 1.2);
(-99.0, -127.3, 0.0, 1.2);	(-95.5, -130.8, 0.0, 1.2);
(-91.9, -134.4, 0.0, 1.2);	(-84.8, -141.4, 0.0, 1.2);
(-77.8, -148.5, 0.0, 1.2);	(-70.7, -155.6, 0.0, 1.2);
(-63.6, -162.6, 0.0, 1.2);	(-56.6, -169.7, 0.0, 1.2);
(-49.5, -176.8, 0.0, 1.2);	(-42.4, -183.9, 0.0, 1.2);
(-176.8, -35.4, 0.0, 1.2);	(-169.7, -42.4, 0.0, 1.2);
(-162.6, -49.5, 0.0, 1.2);	(-155.6, -56.6, 0.0, 1.2);
(-148.5, -63.6, 0.0, 1.2);	(-141.4, -70.7, 0.0, 1.2);
(-134.4, -77.8, 0.0, 1.2);	(-127.3, -84.8, 0.0, 1.2);
(-123.7, -88.4, 0.0, 1.2);	(-120.2, -91.9, 0.0, 1.2);
(-118.1, -94.1, 0.0, 1.2);	(-116.7, -95.5, 0.0, 1.2);
(-115.3, -96.9, 0.0, 1.2);	(-113.8, -98.3, 0.0, 1.2);
(-112.4, -99.7, 0.0, 1.2);	(-99.7, -112.4, 0.0, 1.2);

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

(-98.3, -113.8, 0.0, 1.2);	(-96.9, -115.3, 0.0, 1.2);
(-95.5, -116.7, 0.0, 1.2);	(-94.1, -118.1, 0.0, 1.2);
(-91.9, -120.2, 0.0, 1.2);	(-88.4, -123.7, 0.0, 1.2);
(-84.8, -127.3, 0.0, 1.2);	(-77.8, -134.4, 0.0, 1.2);
(-70.7, -141.4, 0.0, 1.2);	(-63.6, -148.5, 0.0, 1.2);
(-56.6, -155.6, 0.0, 1.2);	(-49.5, -162.6, 0.0, 1.2);
(-42.4, -169.7, 0.0, 1.2);	(-35.4, -176.8, 0.0, 1.2);
(-169.7, -28.3, 0.0, 1.2);	(-162.6, -35.4, 0.0, 1.2);
(-155.6, -42.4, 0.0, 1.2);	(-148.5, -49.5, 0.0, 1.2);
(-141.4, -56.6, 0.0, 1.2);	(-134.4, -63.6, 0.0, 1.2);
(-127.3, -70.7, 0.0, 1.2);	(-120.2, -77.8, 0.0, 1.2);
(-116.7, -81.3, 0.0, 1.2);	(-113.1, -84.8, 0.0, 1.2);
(-111.0, -87.0, 0.0, 1.2);	(-109.6, -88.4, 0.0, 1.2);
(-108.2, -89.8, 0.0, 1.2);	(-106.8, -91.2, 0.0, 1.2);
(-105.4, -92.6, 0.0, 1.2);	(-92.6, -105.4, 0.0, 1.2);
(-91.2, -106.8, 0.0, 1.2);	(-89.8, -108.2, 0.0, 1.2);
(-88.4, -109.6, 0.0, 1.2);	(-87.0, -111.0, 0.0, 1.2);
(-84.8, -113.1, 0.0, 1.2);	(-81.3, -116.7, 0.0, 1.2);
(-77.8, -120.2, 0.0, 1.2);	(-70.7, -127.3, 0.0, 1.2);
(-63.6, -134.4, 0.0, 1.2);	(-56.6, -141.4, 0.0, 1.2);
(-49.5, -148.5, 0.0, 1.2);	(-42.4, -155.6, 0.0, 1.2);
(-35.4, -162.6, 0.0, 1.2);	(-28.3, -169.7, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-162.6, -21.2, 0.0, 1.2);	(-155.6, -28.3, 0.0, 1.2);
(-148.5, -35.4, 0.0, 1.2);	(-141.4, -42.4, 0.0, 1.2);
(-134.4, -49.5, 0.0, 1.2);	(-127.3, -56.6, 0.0, 1.2);
(-120.2, -63.6, 0.0, 1.2);	(-113.1, -70.7, 0.0, 1.2);
(-109.6, -74.2, 0.0, 1.2);	(-106.1, -77.8, 0.0, 1.2);
(-103.9, -79.9, 0.0, 1.2);	(-102.5, -81.3, 0.0, 1.2);
(-101.1, -82.7, 0.0, 1.2);	(-99.7, -84.2, 0.0, 1.2);
(-98.3, -85.6, 0.0, 1.2);	(-85.6, -98.3, 0.0, 1.2);
(-84.2, -99.7, 0.0, 1.2);	(-82.7, -101.1, 0.0, 1.2);
(-81.3, -102.5, 0.0, 1.2);	(-79.9, -103.9, 0.0, 1.2);
(-77.8, -106.1, 0.0, 1.2);	(-74.2, -109.6, 0.0, 1.2);
(-70.7, -113.1, 0.0, 1.2);	(-63.6, -120.2, 0.0, 1.2);
(-56.6, -127.3, 0.0, 1.2);	(-49.5, -134.4, 0.0, 1.2);
(-42.4, -141.4, 0.0, 1.2);	(-35.4, -148.5, 0.0, 1.2);
(-28.3, -155.6, 0.0, 1.2);	(-21.2, -162.6, 0.0, 1.2);

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

(-155.6,	-14.1,	0.0,	1.2);	(-148.5,	-21.2,	0.0,	1.2);
(-141.4,	-28.3,	0.0,	1.2);	(-134.4,	-35.4,	0.0,	1.2);
(-127.3,	-42.4,	0.0,	1.2);	(-120.2,	-49.5,	0.0,	1.2);
(-113.1,	-56.6,	0.0,	1.2);	(-106.1,	-63.6,	0.0,	1.2);
(-102.5,	-67.2,	0.0,	1.2);	(-99.0,	-70.7,	0.0,	1.2);
(-96.9,	-72.8,	0.0,	1.2);	(-95.5,	-74.2,	0.0,	1.2);
(-94.1,	-75.7,	0.0,	1.2);	(-92.6,	-77.1,	0.0,	1.2);
(-91.2,	-78.5,	0.0,	1.2);	(-78.5,	-91.2,	0.0,	1.2);
(-77.1,	-92.6,	0.0,	1.2);	(-75.7,	-94.1,	0.0,	1.2);
(-74.2,	-95.5,	0.0,	1.2);	(-72.8,	-96.9,	0.0,	1.2);
(-70.7,	-99.0,	0.0,	1.2);	(-67.2,	-102.5,	0.0,	1.2);
(-63.6,	-106.1,	0.0,	1.2);	(-56.6,	-113.1,	0.0,	1.2);
(-49.5,	-120.2,	0.0,	1.2);	(-42.4,	-127.3,	0.0,	1.2);
(-35.4,	-134.4,	0.0,	1.2);	(-28.3,	-141.4,	0.0,	1.2);
(-21.2,	-148.5,	0.0,	1.2);	(-14.1,	-155.6,	0.0,	1.2);
(-148.5,	-7.1,	0.0,	1.2);	(-141.4,	-14.1,	0.0,	1.2);
(-134.4,	-21.2,	0.0,	1.2);	(-127.3,	-28.3,	0.0,	1.2);
(-120.2,	-35.4,	0.0,	1.2);	(-113.1,	-42.4,	0.0,	1.2);
(-106.1,	-49.5,	0.0,	1.2);	(-99.0,	-56.6,	0.0,	1.2);
(-95.5,	-60.1,	0.0,	1.2);	(-91.9,	-63.6,	0.0,	1.2);
(-89.8,	-65.8,	0.0,	1.2);	(-88.4,	-67.2,	0.0,	1.2);
(-87.0,	-68.6,	0.0,	1.2);	(-85.6,	-70.0,	0.0,	1.2);
(-84.2,	-71.4,	0.0,	1.2);	(-71.4,	-84.2,	0.0,	1.2);
(-70.0,	-85.6,	0.0,	1.2);	(-68.6,	-87.0,	0.0,	1.2);
(-67.2,	-88.4,	0.0,	1.2);	(-65.8,	-89.8,	0.0,	1.2);
(-63.6,	-91.9,	0.0,	1.2);	(-60.1,	-95.5,	0.0,	1.2);
(-56.6,	-99.0,	0.0,	1.2);	(-49.5,	-106.1,	0.0,	1.2);
(-42.4,	-113.1,	0.0,	1.2);	(-35.4,	-120.2,	0.0,	1.2);
(-28.3,	-127.3,	0.0,	1.2);	(-21.2,	-134.4,	0.0,	1.2);
(-14.1,	-141.4,	0.0,	1.2);	(-7.1,	-148.5,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-141.4,	0.0,	0.0,	1.2);	(-134.4,	-7.1,	0.0,	1.2);
(-127.3,	-14.1,	0.0,	1.2);	(-120.2,	-21.2,	0.0,	1.2);
(-113.1,	-28.3,	0.0,	1.2);	(-106.1,	-35.4,	0.0,	1.2);
(-99.0,	-42.4,	0.0,	1.2);	(-91.9,	-49.5,	0.0,	1.2);
(-88.4,	-53.0,	0.0,	1.2);	(-84.8,	-56.6,	0.0,	1.2);
(-82.7,	-58.7,	0.0,	1.2);	(-81.3,	-60.1,	0.0,	1.2);
(-79.9,	-61.5,	0.0,	1.2);	(-78.5,	-62.9,	0.0,	1.2);

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

(-77.1, -64.3, 0.0, 1.2);	(-64.3, -77.1, 0.0, 1.2);
(-62.9, -78.5, 0.0, 1.2);	(-61.5, -79.9, 0.0, 1.2);
(-60.1, -81.3, 0.0, 1.2);	(-58.7, -82.7, 0.0, 1.2);
(-56.6, -84.8, 0.0, 1.2);	(-53.0, -88.4, 0.0, 1.2);
(-49.5, -91.9, 0.0, 1.2);	(-42.4, -99.0, 0.0, 1.2);
(-35.4, -106.1, 0.0, 1.2);	(-28.3, -113.1, 0.0, 1.2);
(-21.2, -120.2, 0.0, 1.2);	(-14.1, -127.3, 0.0, 1.2);
(-7.1, -134.4, 0.0, 1.2);	(0.0, -141.4, 0.0, 1.2);
(-134.4, 7.1, 0.0, 1.2);	(-127.3, 0.0, 0.0, 1.2);
(-120.2, -7.1, 0.0, 1.2);	(-113.1, -14.1, 0.0, 1.2);
(-106.1, -21.2, 0.0, 1.2);	(-99.0, -28.3, 0.0, 1.2);
(-91.9, -35.4, 0.0, 1.2);	(-84.8, -42.4, 0.0, 1.2);
(-81.3, -46.0, 0.0, 1.2);	(-77.8, -49.5, 0.0, 1.2);
(-75.7, -51.6, 0.0, 1.2);	(-74.2, -53.0, 0.0, 1.2);
(-72.8, -54.5, 0.0, 1.2);	(-71.4, -55.9, 0.0, 1.2);
(-70.0, -57.3, 0.0, 1.2);	(-57.3, -70.0, 0.0, 1.2);
(-55.9, -71.4, 0.0, 1.2);	(-54.5, -72.8, 0.0, 1.2);
(-53.0, -74.2, 0.0, 1.2);	(-51.6, -75.7, 0.0, 1.2);
(-49.5, -77.8, 0.0, 1.2);	(-46.0, -81.3, 0.0, 1.2);
(-42.4, -84.8, 0.0, 1.2);	(-35.4, -91.9, 0.0, 1.2);
(-28.3, -99.0, 0.0, 1.2);	(-21.2, -106.1, 0.0, 1.2);
(-14.1, -113.1, 0.0, 1.2);	(-7.1, -120.2, 0.0, 1.2);
(0.0, -127.3, 0.0, 1.2);	(7.1, -134.4, 0.0, 1.2);
(-127.3, 14.1, 0.0, 1.2);	(-120.2, 7.1, 0.0, 1.2);
(-113.1, 0.0, 0.0, 1.2);	(-106.1, -7.1, 0.0, 1.2);
(-99.0, -14.1, 0.0, 1.2);	(-91.9, -21.2, 0.0, 1.2);
(-84.8, -28.3, 0.0, 1.2);	(-77.8, -35.4, 0.0, 1.2);
(-74.2, -38.9, 0.0, 1.2);	(-70.7, -42.4, 0.0, 1.2);
(-68.6, -44.5, 0.0, 1.2);	(-67.2, -46.0, 0.0, 1.2);
(-65.8, -47.4, 0.0, 1.2);	(-64.3, -48.8, 0.0, 1.2);
(-62.9, -50.2, 0.0, 1.2);	(-50.2, -62.9, 0.0, 1.2);
(-48.8, -64.3, 0.0, 1.2);	(-47.4, -65.8, 0.0, 1.2);
(-46.0, -67.2, 0.0, 1.2);	(-44.5, -68.6, 0.0, 1.2);
(-42.4, -70.7, 0.0, 1.2);	(-38.9, -74.2, 0.0, 1.2);
(-35.4, -77.8, 0.0, 1.2);	(-28.3, -84.8, 0.0, 1.2);
(-21.2, -91.9, 0.0, 1.2);	(-14.1, -99.0, 0.0, 1.2);
(-7.1, -106.1, 0.0, 1.2);	(0.0, -113.1, 0.0, 1.2);
(7.1, -120.2, 0.0, 1.2);	(14.1, -127.3, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

18:23:07

**MODELOPTs:

PAGE 10

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound
(METERS)

(-120.2,	21.2,	0.0,	1.2);	(-113.1,	14.1,	0.0,	1.2);
(-106.1,	7.1,	0.0,	1.2);	(-99.0,	0.0,	0.0,	1.2);
(-91.9,	-7.1,	0.0,	1.2);	(-84.8,	-14.1,	0.0,	1.2);
(-77.8,	-21.2,	0.0,	1.2);	(-70.7,	-28.3,	0.0,	1.2);
(-67.2,	-31.8,	0.0,	1.2);	(-63.6,	-35.4,	0.0,	1.2);
(-61.5,	-37.5,	0.0,	1.2);	(-60.1,	-38.9,	0.0,	1.2);
(-58.7,	-40.3,	0.0,	1.2);	(-57.3,	-41.7,	0.0,	1.2);
(-55.9,	-43.1,	0.0,	1.2);	(-43.1,	-55.9,	0.0,	1.2);
(-41.7,	-57.3,	0.0,	1.2);	(-40.3,	-58.7,	0.0,	1.2);
(-38.9,	-60.1,	0.0,	1.2);	(-37.5,	-61.5,	0.0,	1.2);
(-35.4,	-63.6,	0.0,	1.2);	(-31.8,	-67.2,	0.0,	1.2);
(-28.3,	-70.7,	0.0,	1.2);	(-21.2,	-77.8,	0.0,	1.2);
(-14.1,	-84.8,	0.0,	1.2);	(-7.1,	-91.9,	0.0,	1.2);
(0.0,	-99.0,	0.0,	1.2);	(7.1,	-106.1,	0.0,	1.2);
(14.1,	-113.1,	0.0,	1.2);	(21.2,	-120.2,	0.0,	1.2);
(-113.1,	28.3,	0.0,	1.2);	(-106.1,	21.2,	0.0,	1.2);
(-99.0,	14.1,	0.0,	1.2);	(-91.9,	7.1,	0.0,	1.2);
(-84.8,	0.0,	0.0,	1.2);	(-77.8,	-7.1,	0.0,	1.2);
(-70.7,	-14.1,	0.0,	1.2);	(-63.6,	-21.2,	0.0,	1.2);
(-60.1,	-24.8,	0.0,	1.2);	(-56.6,	-28.3,	0.0,	1.2);
(-54.5,	-30.4,	0.0,	1.2);	(-53.0,	-31.8,	0.0,	1.2);
(-51.6,	-33.2,	0.0,	1.2);	(-50.2,	-34.7,	0.0,	1.2);
(-48.8,	-36.1,	0.0,	1.2);	(-36.1,	-48.8,	0.0,	1.2);
(-34.7,	-50.2,	0.0,	1.2);	(-33.2,	-51.6,	0.0,	1.2);
(-31.8,	-53.0,	0.0,	1.2);	(-30.4,	-54.5,	0.0,	1.2);
(-28.3,	-56.6,	0.0,	1.2);	(-24.8,	-60.1,	0.0,	1.2);
(-21.2,	-63.6,	0.0,	1.2);	(-14.1,	-70.7,	0.0,	1.2);
(-7.1,	-77.8,	0.0,	1.2);	(0.0,	-84.8,	0.0,	1.2);
(7.1,	-91.9,	0.0,	1.2);	(14.1,	-99.0,	0.0,	1.2);
(21.2,	-106.1,	0.0,	1.2);	(28.3,	-113.1,	0.0,	1.2);
(-106.1,	35.4,	0.0,	1.2);	(-99.0,	28.3,	0.0,	1.2);
(-91.9,	21.2,	0.0,	1.2);	(-84.8,	14.1,	0.0,	1.2);
(-77.8,	7.1,	0.0,	1.2);	(-70.7,	0.0,	0.0,	1.2);
(-63.6,	-7.1,	0.0,	1.2);	(-56.6,	-14.1,	0.0,	1.2);
(-53.0,	-17.7,	0.0,	1.2);	(-49.5,	-21.2,	0.0,	1.2);
(-47.4,	-23.3,	0.0,	1.2);	(-46.0,	-24.8,	0.0,	1.2);
(-44.5,	-26.2,	0.0,	1.2);	(-43.1,	-27.6,	0.0,	1.2);
(-41.7,	-29.0,	0.0,	1.2);	(-29.0,	-41.7,	0.0,	1.2);
(-27.6,	-43.1,	0.0,	1.2);	(-26.2,	-44.5,	0.0,	1.2);
(-24.8,	-46.0,	0.0,	1.2);	(-23.3,	-47.4,	0.0,	1.2);
(-21.2,	-49.5,	0.0,	1.2);	(-17.7,	-53.0,	0.0,	1.2);
(-14.1,	-56.6,	0.0,	1.2);	(-7.1,	-63.6,	0.0,	1.2);
(0.0,	-70.7,	0.0,	1.2);	(7.1,	-77.8,	0.0,	1.2);

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

(14.1, -84.8, 0.0, 1.2); (21.2, -91.9, 0.0, 1.2);
(28.3, -99.0, 0.0, 1.2); (35.4, -106.1, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-99.0, 42.4, 0.0, 1.2); (-91.9, 35.4, 0.0, 1.2);
(-84.8, 28.3, 0.0, 1.2); (-77.8, 21.2, 0.0, 1.2);
(-70.7, 14.1, 0.0, 1.2); (-63.6, 7.1, 0.0, 1.2);
(-56.6, 0.0, 0.0, 1.2); (-49.5, -7.1, 0.0, 1.2);
(-46.0, -10.6, 0.0, 1.2); (-42.4, -14.1, 0.0, 1.2);
(-40.3, -16.3, 0.0, 1.2); (-38.9, -17.7, 0.0, 1.2);
(-37.5, -19.1, 0.0, 1.2); (-36.1, -20.5, 0.0, 1.2);
(-34.7, -21.9, 0.0, 1.2); (-21.9, -34.7, 0.0, 1.2);
(-20.5, -36.1, 0.0, 1.2); (-19.1, -37.5, 0.0, 1.2);
(-17.7, -38.9, 0.0, 1.2); (-16.3, -40.3, 0.0, 1.2);
(-14.1, -42.4, 0.0, 1.2); (-10.6, -46.0, 0.0, 1.2);
(-7.1, -49.5, 0.0, 1.2); (0.0, -56.6, 0.0, 1.2);
(7.1, -63.6, 0.0, 1.2); (14.1, -70.7, 0.0, 1.2);
(21.2, -77.8, 0.0, 1.2); (28.3, -84.8, 0.0, 1.2);
(35.4, -91.9, 0.0, 1.2); (42.4, -99.0, 0.0, 1.2);
(-91.9, 49.5, 0.0, 1.2); (-84.8, 42.4, 0.0, 1.2);
(-77.8, 35.4, 0.0, 1.2); (-70.7, 28.3, 0.0, 1.2);
(-63.6, 21.2, 0.0, 1.2); (-56.6, 14.1, 0.0, 1.2);
(-49.5, 7.1, 0.0, 1.2); (-42.4, 0.0, 0.0, 1.2);
(-38.9, -3.5, 0.0, 1.2); (-35.4, -7.1, 0.0, 1.2);
(-33.2, -9.2, 0.0, 1.2); (-31.8, -10.6, 0.0, 1.2);
(-30.4, -12.0, 0.0, 1.2); (-29.0, -13.4, 0.0, 1.2);
(-27.6, -14.9, 0.0, 1.2); (-14.9, -27.6, 0.0, 1.2);
(-13.4, -29.0, 0.0, 1.2); (-12.0, -30.4, 0.0, 1.2);
(-10.6, -31.8, 0.0, 1.2); (-9.2, -33.2, 0.0, 1.2);
(-7.1, -35.4, 0.0, 1.2); (-3.5, -38.9, 0.0, 1.2);
(0.0, -42.4, 0.0, 1.2); (7.1, -49.5, 0.0, 1.2);
(14.1, -56.6, 0.0, 1.2); (21.2, -63.6, 0.0, 1.2);
(28.3, -70.7, 0.0, 1.2); (35.4, -77.8, 0.0, 1.2);
(42.4, -84.8, 0.0, 1.2); (49.5, -91.9, 0.0, 1.2);
(-84.8, 56.6, 0.0, 1.2); (-77.8, 49.5, 0.0, 1.2);
(-70.7, 42.4, 0.0, 1.2); (-63.6, 35.4, 0.0, 1.2);
(-56.6, 28.3, 0.0, 1.2); (-49.5, 21.2, 0.0, 1.2);
(-42.4, 14.1, 0.0, 1.2); (-35.4, 7.1, 0.0, 1.2);
(-31.8, 3.5, 0.0, 1.2); (-28.3, 0.0, 0.0, 1.2);

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15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound
( -26.2, -2.1, 0.0, 1.2); ( -24.8, -3.5, 0.0, 1.2);
( -23.3, -4.9, 0.0, 1.2); ( -21.9, -6.4, 0.0, 1.2);
( -20.5, -7.8, 0.0, 1.2); ( -7.8, -20.5, 0.0, 1.2);
( -6.4, -21.9, 0.0, 1.2); ( -4.9, -23.3, 0.0, 1.2);
( -3.5, -24.8, 0.0, 1.2); ( -2.1, -26.2, 0.0, 1.2);
( 0.0, -28.3, 0.0, 1.2); ( 3.5, -31.8, 0.0, 1.2);
( 7.1, -35.4, 0.0, 1.2); ( 14.1, -42.4, 0.0, 1.2);
( 21.2, -49.5, 0.0, 1.2); ( 28.3, -56.6, 0.0, 1.2);
( 35.4, -63.6, 0.0, 1.2); ( 42.4, -70.7, 0.0, 1.2);
( 49.5, -77.8, 0.0, 1.2); ( 56.6, -84.8, 0.0, 1.2);

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1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

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*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
PAGE 12

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

```

( -77.8, 63.6, 0.0, 1.2); ( -70.7, 56.6, 0.0, 1.2);
( -63.6, 49.5, 0.0, 1.2); ( -56.6, 42.4, 0.0, 1.2);
( -49.5, 35.4, 0.0, 1.2); ( -42.4, 28.3, 0.0, 1.2);
( -35.4, 21.2, 0.0, 1.2); ( -28.3, 14.1, 0.0, 1.2);
( -24.8, 10.6, 0.0, 1.2); ( -21.2, 7.1, 0.0, 1.2);
( -19.1, 4.9, 0.0, 1.2); ( -17.7, 3.5, 0.0, 1.2);
( -16.3, 2.1, 0.0, 1.2); ( -14.9, 0.7, 0.0, 1.2);
( -13.4, -0.7, 0.0, 1.2); ( -0.7, -13.4, 0.0, 1.2);
( 0.7, -14.9, 0.0, 1.2); ( 2.1, -16.3, 0.0, 1.2);
( 3.5, -17.7, 0.0, 1.2); ( 4.9, -19.1, 0.0, 1.2);
( 7.1, -21.2, 0.0, 1.2); ( 10.6, -24.8, 0.0, 1.2);
( 14.1, -28.3, 0.0, 1.2); ( 21.2, -35.4, 0.0, 1.2);
( 28.3, -42.4, 0.0, 1.2); ( 35.4, -49.5, 0.0, 1.2);
( 42.4, -56.6, 0.0, 1.2); ( 49.5, -63.6, 0.0, 1.2);
( 56.6, -70.7, 0.0, 1.2); ( 63.6, -77.8, 0.0, 1.2);
( -70.7, 70.7, 0.0, 1.2); ( -63.6, 63.6, 0.0, 1.2);
( -56.6, 56.6, 0.0, 1.2); ( -49.5, 49.5, 0.0, 1.2);
( -42.4, 42.4, 0.0, 1.2); ( -35.4, 35.4, 0.0, 1.2);
( -28.3, 28.3, 0.0, 1.2); ( -21.2, 21.2, 0.0, 1.2);
( -17.7, 17.7, 0.0, 1.2); ( -14.1, 14.1, 0.0, 1.2);
( -12.0, 12.0, 0.0, 1.2); ( -10.6, 10.6, 0.0, 1.2);
( -9.2, 9.2, 0.0, 1.2); ( -7.8, 7.8, 0.0, 1.2);
( -6.4, 6.4, 0.0, 1.2); ( 6.4, -6.4, 0.0, 1.2);
( 7.8, -7.8, 0.0, 1.2); ( 9.2, -9.2, 0.0, 1.2);
( 10.6, -10.6, 0.0, 1.2); ( 12.0, -12.0, 0.0, 1.2);
( 14.1, -14.1, 0.0, 1.2); ( 17.7, -17.7, 0.0, 1.2);
( 21.2, -21.2, 0.0, 1.2); ( 28.3, -28.3, 0.0, 1.2);

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15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

(35.4, -35.4, 0.0, 1.2);	(-42.4, -42.4, 0.0, 1.2);
(49.5, -49.5, 0.0, 1.2);	(56.6, -56.6, 0.0, 1.2);
(63.6, -63.6, 0.0, 1.2);	(70.7, -70.7, 0.0, 1.2);
(-63.6, 77.8, 0.0, 1.2);	(-56.6, 70.7, 0.0, 1.2);
(-49.5, 63.6, 0.0, 1.2);	(-42.4, 56.6, 0.0, 1.2);
(-35.4, 49.5, 0.0, 1.2);	(-28.3, 42.4, 0.0, 1.2);
(-21.2, 35.4, 0.0, 1.2);	(-14.1, 28.3, 0.0, 1.2);
(-10.6, 24.8, 0.0, 1.2);	(-7.1, 21.2, 0.0, 1.2);
(-4.9, 19.1, 0.0, 1.2);	(-3.5, 17.7, 0.0, 1.2);
(-2.1, 16.3, 0.0, 1.2);	(-0.7, 14.9, 0.0, 1.2);
(0.7, 13.4, 0.0, 1.2);	(13.4, 0.7, 0.0, 1.2);
(14.9, -0.7, 0.0, 1.2);	(16.3, -2.1, 0.0, 1.2);
(17.7, -3.5, 0.0, 1.2);	(19.1, -4.9, 0.0, 1.2);
(21.2, -7.1, 0.0, 1.2);	(24.8, -10.6, 0.0, 1.2);
(28.3, -14.1, 0.0, 1.2);	(35.4, -21.2, 0.0, 1.2);
(42.4, -28.3, 0.0, 1.2);	(49.5, -35.4, 0.0, 1.2);
(56.6, -42.4, 0.0, 1.2);	(63.6, -49.5, 0.0, 1.2);
(70.7, -56.6, 0.0, 1.2);	(77.8, -63.6, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-56.6, 84.8, 0.0, 1.2);	(-49.5, 77.8, 0.0, 1.2);
(-42.4, 70.7, 0.0, 1.2);	(-35.4, 63.6, 0.0, 1.2);
(-28.3, 56.6, 0.0, 1.2);	(-21.2, 49.5, 0.0, 1.2);
(-14.1, 42.4, 0.0, 1.2);	(-7.1, 35.4, 0.0, 1.2);
(-3.5, 31.8, 0.0, 1.2);	(0.0, 28.3, 0.0, 1.2);
(2.1, 26.2, 0.0, 1.2);	(3.5, 24.8, 0.0, 1.2);
(4.9, 23.3, 0.0, 1.2);	(6.4, 21.9, 0.0, 1.2);
(7.8, 20.5, 0.0, 1.2);	(20.5, 7.8, 0.0, 1.2);
(21.9, 6.4, 0.0, 1.2);	(23.3, 4.9, 0.0, 1.2);
(24.8, 3.5, 0.0, 1.2);	(26.2, 2.1, 0.0, 1.2);
(28.3, 0.0, 0.0, 1.2);	(31.8, -3.5, 0.0, 1.2);
(35.4, -7.1, 0.0, 1.2);	(42.4, -14.1, 0.0, 1.2);
(49.5, -21.2, 0.0, 1.2);	(56.6, -28.3, 0.0, 1.2);
(63.6, -35.4, 0.0, 1.2);	(70.7, -42.4, 0.0, 1.2);
(77.8, -49.5, 0.0, 1.2);	(84.8, -56.6, 0.0, 1.2);
(-49.5, 91.9, 0.0, 1.2);	(-42.4, 84.8, 0.0, 1.2);
(-35.4, 77.8, 0.0, 1.2);	(-28.3, 70.7, 0.0, 1.2);
(-21.2, 63.6, 0.0, 1.2);	(-14.1, 56.6, 0.0, 1.2);
(-7.1, 49.5, 0.0, 1.2);	(0.0, 42.4, 0.0, 1.2);

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

(3.5, 38.9, 0.0, 1.2);	(7.1, 35.4, 0.0, 1.2);
(9.2, 33.2, 0.0, 1.2);	(10.6, 31.8, 0.0, 1.2);
(12.0, 30.4, 0.0, 1.2);	(13.4, 29.0, 0.0, 1.2);
(14.9, 27.6, 0.0, 1.2);	(27.6, 14.9, 0.0, 1.2);
(29.0, 13.4, 0.0, 1.2);	(30.4, 12.0, 0.0, 1.2);
(31.8, 10.6, 0.0, 1.2);	(33.2, 9.2, 0.0, 1.2);
(35.4, 7.1, 0.0, 1.2);	(38.9, 3.5, 0.0, 1.2);
(42.4, 0.0, 0.0, 1.2);	(49.5, -7.1, 0.0, 1.2);
(56.6, -14.1, 0.0, 1.2);	(63.6, -21.2, 0.0, 1.2);
(70.7, -28.3, 0.0, 1.2);	(77.8, -35.4, 0.0, 1.2);
(84.8, -42.4, 0.0, 1.2);	(91.9, -49.5, 0.0, 1.2);
(-42.4, 99.0, 0.0, 1.2);	(-35.4, 91.9, 0.0, 1.2);
(-28.3, 84.8, 0.0, 1.2);	(-21.2, 77.8, 0.0, 1.2);
(-14.1, 70.7, 0.0, 1.2);	(-7.1, 63.6, 0.0, 1.2);
(0.0, 56.6, 0.0, 1.2);	(7.1, 49.5, 0.0, 1.2);
(10.6, 46.0, 0.0, 1.2);	(14.1, 42.4, 0.0, 1.2);
(16.3, 40.3, 0.0, 1.2);	(17.7, 38.9, 0.0, 1.2);
(19.1, 37.5, 0.0, 1.2);	(20.5, 36.1, 0.0, 1.2);
(21.9, 34.7, 0.0, 1.2);	(34.7, 21.9, 0.0, 1.2);
(36.1, 20.5, 0.0, 1.2);	(37.5, 19.1, 0.0, 1.2);
(38.9, 17.7, 0.0, 1.2);	(40.3, 16.3, 0.0, 1.2);
(42.4, 14.1, 0.0, 1.2);	(46.0, 10.6, 0.0, 1.2);
(49.5, 7.1, 0.0, 1.2);	(56.6, 0.0, 0.0, 1.2);
(63.6, -7.1, 0.0, 1.2);	(70.7, -14.1, 0.0, 1.2);
(77.8, -21.2, 0.0, 1.2);	(84.8, -28.3, 0.0, 1.2);
(91.9, -35.4, 0.0, 1.2);	(99.0, -42.4, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:

PAGE 14

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-35.4, 106.1, 0.0, 1.2);	(-28.3, 99.0, 0.0, 1.2);
(-21.2, 91.9, 0.0, 1.2);	(-14.1, 84.8, 0.0, 1.2);
(-7.1, 77.8, 0.0, 1.2);	(0.0, 70.7, 0.0, 1.2);
(7.1, 63.6, 0.0, 1.2);	(14.1, 56.6, 0.0, 1.2);
(17.7, 53.0, 0.0, 1.2);	(21.2, 49.5, 0.0, 1.2);
(23.3, 47.4, 0.0, 1.2);	(24.8, 46.0, 0.0, 1.2);
(26.2, 44.5, 0.0, 1.2);	(27.6, 43.1, 0.0, 1.2);
(29.0, 41.7, 0.0, 1.2);	(41.7, 29.0, 0.0, 1.2);
(43.1, 27.6, 0.0, 1.2);	(44.5, 26.2, 0.0, 1.2);
(46.0, 24.8, 0.0, 1.2);	(47.4, 23.3, 0.0, 1.2);
(49.5, 21.2, 0.0, 1.2);	(53.0, 17.7, 0.0, 1.2);

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

(56.6,	14.1,	0.0,	1.2);	(63.6,	7.1,	0.0,	1.2);
(70.7,	0.0,	0.0,	1.2);	(77.8,	-7.1,	0.0,	1.2);
(84.8,	-14.1,	0.0,	1.2);	(91.9,	-21.2,	0.0,	1.2);
(99.0,	-28.3,	0.0,	1.2);	(106.1,	-35.4,	0.0,	1.2);
(-28.3,	113.1,	0.0,	1.2);	(-21.2,	106.1,	0.0,	1.2);
(-14.1,	99.0,	0.0,	1.2);	(-7.1,	91.9,	0.0,	1.2);
(0.0,	84.8,	0.0,	1.2);	(7.1,	77.8,	0.0,	1.2);
(14.1,	70.7,	0.0,	1.2);	(21.2,	63.6,	0.0,	1.2);
(24.8,	60.1,	0.0,	1.2);	(28.3,	56.6,	0.0,	1.2);
(30.4,	54.5,	0.0,	1.2);	(31.8,	53.0,	0.0,	1.2);
(33.2,	51.6,	0.0,	1.2);	(34.7,	50.2,	0.0,	1.2);
(36.1,	48.8,	0.0,	1.2);	(48.8,	36.1,	0.0,	1.2);
(50.2,	34.7,	0.0,	1.2);	(51.6,	33.2,	0.0,	1.2);
(53.0,	31.8,	0.0,	1.2);	(54.5,	30.4,	0.0,	1.2);
(56.6,	28.3,	0.0,	1.2);	(60.1,	24.8,	0.0,	1.2);
(63.6,	21.2,	0.0,	1.2);	(70.7,	14.1,	0.0,	1.2);
(77.8,	7.1,	0.0,	1.2);	(84.8,	0.0,	0.0,	1.2);
(91.9,	-7.1,	0.0,	1.2);	(99.0,	-14.1,	0.0,	1.2);
(106.1,	-21.2,	0.0,	1.2);	(113.1,	-28.3,	0.0,	1.2);
(-21.2,	120.2,	0.0,	1.2);	(-14.1,	113.1,	0.0,	1.2);
(-7.1,	106.1,	0.0,	1.2);	(0.0,	99.0,	0.0,	1.2);
(7.1,	91.9,	0.0,	1.2);	(14.1,	84.8,	0.0,	1.2);
(21.2,	77.8,	0.0,	1.2);	(28.3,	70.7,	0.0,	1.2);
(31.8,	67.2,	0.0,	1.2);	(35.4,	63.6,	0.0,	1.2);
(37.5,	61.5,	0.0,	1.2);	(38.9,	60.1,	0.0,	1.2);
(40.3,	58.7,	0.0,	1.2);	(41.7,	57.3,	0.0,	1.2);
(43.1,	55.9,	0.0,	1.2);	(55.9,	43.1,	0.0,	1.2);
(57.3,	41.7,	0.0,	1.2);	(58.7,	40.3,	0.0,	1.2);
(60.1,	38.9,	0.0,	1.2);	(61.5,	37.5,	0.0,	1.2);
(63.6,	35.4,	0.0,	1.2);	(67.2,	31.8,	0.0,	1.2);
(70.7,	28.3,	0.0,	1.2);	(77.8,	21.2,	0.0,	1.2);
(84.8,	14.1,	0.0,	1.2);	(91.9,	7.1,	0.0,	1.2);
(99.0,	0.0,	0.0,	1.2);	(106.1,	-7.1,	0.0,	1.2);
(113.1,	-14.1,	0.0,	1.2);	(120.2,	-21.2,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-14.1,	127.3,	0.0,	1.2);	(-7.1,	120.2,	0.0,	1.2);
(0.0,	113.1,	0.0,	1.2);	(7.1,	106.1,	0.0,	1.2);
(14.1,	99.0,	0.0,	1.2);	(21.2,	91.9,	0.0,	1.2);

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

(28.3,	84.8,	0.0,	1.2);	(35.4,	77.8,	0.0,	1.2);
(38.9,	74.2,	0.0,	1.2);	(42.4,	70.7,	0.0,	1.2);
(44.5,	68.6,	0.0,	1.2);	(46.0,	67.2,	0.0,	1.2);
(47.4,	65.8,	0.0,	1.2);	(48.8,	64.3,	0.0,	1.2);
(50.2,	62.9,	0.0,	1.2);	(62.9,	50.2,	0.0,	1.2);
(64.3,	48.8,	0.0,	1.2);	(65.8,	47.4,	0.0,	1.2);
(67.2,	46.0,	0.0,	1.2);	(68.6,	44.5,	0.0,	1.2);
(70.7,	42.4,	0.0,	1.2);	(74.2,	38.9,	0.0,	1.2);
(77.8,	35.4,	0.0,	1.2);	(84.8,	28.3,	0.0,	1.2);
(91.9,	21.2,	0.0,	1.2);	(99.0,	14.1,	0.0,	1.2);
(106.1,	7.1,	0.0,	1.2);	(113.1,	0.0,	0.0,	1.2);
(120.2,	-7.1,	0.0,	1.2);	(127.3,	-14.1,	0.0,	1.2);
(-7.1,	134.4,	0.0,	1.2);	(0.0,	127.3,	0.0,	1.2);
(7.1,	120.2,	0.0,	1.2);	(14.1,	113.1,	0.0,	1.2);
(21.2,	106.1,	0.0,	1.2);	(28.3,	99.0,	0.0,	1.2);
(35.4,	91.9,	0.0,	1.2);	(42.4,	84.8,	0.0,	1.2);
(46.0,	81.3,	0.0,	1.2);	(49.5,	77.8,	0.0,	1.2);
(51.6,	75.7,	0.0,	1.2);	(53.0,	74.2,	0.0,	1.2);
(54.5,	72.8,	0.0,	1.2);	(55.9,	71.4,	0.0,	1.2);
(57.3,	70.0,	0.0,	1.2);	(70.0,	57.3,	0.0,	1.2);
(71.4,	55.9,	0.0,	1.2);	(72.8,	54.5,	0.0,	1.2);
(74.2,	53.0,	0.0,	1.2);	(75.7,	51.6,	0.0,	1.2);
(77.8,	49.5,	0.0,	1.2);	(81.3,	46.0,	0.0,	1.2);
(84.8,	42.4,	0.0,	1.2);	(91.9,	35.4,	0.0,	1.2);
(99.0,	28.3,	0.0,	1.2);	(106.1,	21.2,	0.0,	1.2);
(113.1,	14.1,	0.0,	1.2);	(120.2,	7.1,	0.0,	1.2);
(127.3,	0.0,	0.0,	1.2);	(134.4,	-7.1,	0.0,	1.2);
(0.0,	141.4,	0.0,	1.2);	(7.1,	134.4,	0.0,	1.2);
(14.1,	127.3,	0.0,	1.2);	(21.2,	120.2,	0.0,	1.2);
(28.3,	113.1,	0.0,	1.2);	(35.4,	106.1,	0.0,	1.2);
(42.4,	99.0,	0.0,	1.2);	(49.5,	91.9,	0.0,	1.2);
(53.0,	88.4,	0.0,	1.2);	(56.6,	84.8,	0.0,	1.2);
(58.7,	82.7,	0.0,	1.2);	(60.1,	81.3,	0.0,	1.2);
(61.5,	79.9,	0.0,	1.2);	(62.9,	78.5,	0.0,	1.2);
(64.3,	77.1,	0.0,	1.2);	(77.1,	64.3,	0.0,	1.2);
(78.5,	62.9,	0.0,	1.2);	(79.9,	61.5,	0.0,	1.2);
(81.3,	60.1,	0.0,	1.2);	(82.7,	58.7,	0.0,	1.2);
(84.8,	56.6,	0.0,	1.2);	(88.4,	53.0,	0.0,	1.2);
(91.9,	49.5,	0.0,	1.2);	(99.0,	42.4,	0.0,	1.2);
(106.1,	35.4,	0.0,	1.2);	(113.1,	28.3,	0.0,	1.2);
(120.2,	21.2,	0.0,	1.2);	(127.3,	14.1,	0.0,	1.2);
(134.4,	7.1,	0.0,	1.2);	(141.4,	0.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(7.1, 148.5, 0.0, 1.2);	(14.1, 141.4, 0.0, 1.2);
(21.2, 134.4, 0.0, 1.2);	(28.3, 127.3, 0.0, 1.2);
(35.4, 120.2, 0.0, 1.2);	(42.4, 113.1, 0.0, 1.2);
(49.5, 106.1, 0.0, 1.2);	(56.6, 99.0, 0.0, 1.2);
(60.1, 95.5, 0.0, 1.2);	(63.6, 91.9, 0.0, 1.2);
(65.8, 89.8, 0.0, 1.2);	(67.2, 88.4, 0.0, 1.2);
(68.6, 87.0, 0.0, 1.2);	(70.0, 85.6, 0.0, 1.2);
(71.4, 84.2, 0.0, 1.2);	(84.2, 71.4, 0.0, 1.2);
(85.6, 70.0, 0.0, 1.2);	(87.0, 68.6, 0.0, 1.2);
(88.4, 67.2, 0.0, 1.2);	(89.8, 65.8, 0.0, 1.2);
(91.9, 63.6, 0.0, 1.2);	(95.5, 60.1, 0.0, 1.2);
(99.0, 56.6, 0.0, 1.2);	(106.1, 49.5, 0.0, 1.2);
(113.1, 42.4, 0.0, 1.2);	(120.2, 35.4, 0.0, 1.2);
(127.3, 28.3, 0.0, 1.2);	(134.4, 21.2, 0.0, 1.2);
(141.4, 14.1, 0.0, 1.2);	(148.5, 7.1, 0.0, 1.2);
(14.1, 155.6, 0.0, 1.2);	(21.2, 148.5, 0.0, 1.2);
(28.3, 141.4, 0.0, 1.2);	(35.4, 134.4, 0.0, 1.2);
(42.4, 127.3, 0.0, 1.2);	(49.5, 120.2, 0.0, 1.2);
(56.6, 113.1, 0.0, 1.2);	(63.6, 106.1, 0.0, 1.2);
(67.2, 102.5, 0.0, 1.2);	(70.7, 99.0, 0.0, 1.2);
(72.8, 96.9, 0.0, 1.2);	(74.2, 95.5, 0.0, 1.2);
(75.7, 94.1, 0.0, 1.2);	(77.1, 92.6, 0.0, 1.2);
(78.5, 91.2, 0.0, 1.2);	(91.2, 78.5, 0.0, 1.2);
(92.6, 77.1, 0.0, 1.2);	(94.1, 75.7, 0.0, 1.2);
(95.5, 74.2, 0.0, 1.2);	(96.9, 72.8, 0.0, 1.2);
(99.0, 70.7, 0.0, 1.2);	(102.5, 67.2, 0.0, 1.2);
(106.1, 63.6, 0.0, 1.2);	(113.1, 56.6, 0.0, 1.2);
(120.2, 49.5, 0.0, 1.2);	(127.3, 42.4, 0.0, 1.2);
(134.4, 35.4, 0.0, 1.2);	(141.4, 28.3, 0.0, 1.2);
(148.5, 21.2, 0.0, 1.2);	(155.6, 14.1, 0.0, 1.2);
(21.2, 162.6, 0.0, 1.2);	(28.3, 155.6, 0.0, 1.2);
(35.4, 148.5, 0.0, 1.2);	(42.4, 141.4, 0.0, 1.2);
(49.5, 134.4, 0.0, 1.2);	(56.6, 127.3, 0.0, 1.2);
(63.6, 120.2, 0.0, 1.2);	(70.7, 113.1, 0.0, 1.2);
(74.2, 109.6, 0.0, 1.2);	(77.8, 106.1, 0.0, 1.2);
(79.9, 103.9, 0.0, 1.2);	(81.3, 102.5, 0.0, 1.2);
(82.7, 101.1, 0.0, 1.2);	(84.2, 99.7, 0.0, 1.2);
(85.6, 98.3, 0.0, 1.2);	(98.3, 85.6, 0.0, 1.2);
(99.7, 84.2, 0.0, 1.2);	(101.1, 82.7, 0.0, 1.2);

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

(102.5,	81.3,	0.0,	1.2);	(103.9,	79.9,	0.0,	1.2);
(106.1,	77.8,	0.0,	1.2);	(109.6,	74.2,	0.0,	1.2);
(113.1,	70.7,	0.0,	1.2);	(120.2,	63.6,	0.0,	1.2);
(127.3,	56.6,	0.0,	1.2);	(134.4,	49.5,	0.0,	1.2);
(141.4,	42.4,	0.0,	1.2);	(148.5,	35.4,	0.0,	1.2);
(155.6,	28.3,	0.0,	1.2);	(162.6,	21.2,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(28.3,	169.7,	0.0,	1.2);	(35.4,	162.6,	0.0,	1.2);
(42.4,	155.6,	0.0,	1.2);	(49.5,	148.5,	0.0,	1.2);
(56.6,	141.4,	0.0,	1.2);	(63.6,	134.4,	0.0,	1.2);
(70.7,	127.3,	0.0,	1.2);	(77.8,	120.2,	0.0,	1.2);
(81.3,	116.7,	0.0,	1.2);	(84.8,	113.1,	0.0,	1.2);
(87.0,	111.0,	0.0,	1.2);	(88.4,	109.6,	0.0,	1.2);
(89.8,	108.2,	0.0,	1.2);	(91.2,	106.8,	0.0,	1.2);
(92.6,	105.4,	0.0,	1.2);	(105.4,	92.6,	0.0,	1.2);
(106.8,	91.2,	0.0,	1.2);	(108.2,	89.8,	0.0,	1.2);
(109.6,	88.4,	0.0,	1.2);	(111.0,	87.0,	0.0,	1.2);
(113.1,	84.8,	0.0,	1.2);	(116.7,	81.3,	0.0,	1.2);
(120.2,	77.8,	0.0,	1.2);	(127.3,	70.7,	0.0,	1.2);
(134.4,	63.6,	0.0,	1.2);	(141.4,	56.6,	0.0,	1.2);
(148.5,	49.5,	0.0,	1.2);	(155.6,	42.4,	0.0,	1.2);
(162.6,	35.4,	0.0,	1.2);	(169.7,	28.3,	0.0,	1.2);
(35.4,	176.8,	0.0,	1.2);	(42.4,	169.7,	0.0,	1.2);
(49.5,	162.6,	0.0,	1.2);	(56.6,	155.6,	0.0,	1.2);
(63.6,	148.5,	0.0,	1.2);	(70.7,	141.4,	0.0,	1.2);
(77.8,	134.4,	0.0,	1.2);	(84.8,	127.3,	0.0,	1.2);
(88.4,	123.7,	0.0,	1.2);	(91.9,	120.2,	0.0,	1.2);
(94.1,	118.1,	0.0,	1.2);	(95.5,	116.7,	0.0,	1.2);
(96.9,	115.3,	0.0,	1.2);	(98.3,	113.8,	0.0,	1.2);
(99.7,	112.4,	0.0,	1.2);	(112.4,	99.7,	0.0,	1.2);
(113.8,	98.3,	0.0,	1.2);	(115.3,	96.9,	0.0,	1.2);
(116.7,	95.5,	0.0,	1.2);	(118.1,	94.1,	0.0,	1.2);
(120.2,	91.9,	0.0,	1.2);	(123.7,	88.4,	0.0,	1.2);
(127.3,	84.8,	0.0,	1.2);	(134.4,	77.8,	0.0,	1.2);
(141.4,	70.7,	0.0,	1.2);	(148.5,	63.6,	0.0,	1.2);
(155.6,	56.6,	0.0,	1.2);	(162.6,	49.5,	0.0,	1.2);
(169.7,	42.4,	0.0,	1.2);	(176.8,	35.4,	0.0,	1.2);
(42.4,	183.9,	0.0,	1.2);	(49.5,	176.8,	0.0,	1.2);

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

(56.6,	169.7,	0.0,	1.2);	(63.6,	162.6,	0.0,	1.2);
(70.7,	155.6,	0.0,	1.2);	(77.8,	148.5,	0.0,	1.2);
(84.8,	141.4,	0.0,	1.2);	(91.9,	134.4,	0.0,	1.2);
(95.5,	130.8,	0.0,	1.2);	(99.0,	127.3,	0.0,	1.2);
(101.1,	125.2,	0.0,	1.2);	(102.5,	123.7,	0.0,	1.2);
(103.9,	122.3,	0.0,	1.2);	(105.4,	120.9,	0.0,	1.2);
(106.8,	119.5,	0.0,	1.2);	(119.5,	106.8,	0.0,	1.2);
(120.9,	105.4,	0.0,	1.2);	(122.3,	103.9,	0.0,	1.2);
(123.7,	102.5,	0.0,	1.2);	(125.2,	101.1,	0.0,	1.2);
(127.3,	99.0,	0.0,	1.2);	(130.8,	95.5,	0.0,	1.2);
(134.4,	91.9,	0.0,	1.2);	(141.4,	84.8,	0.0,	1.2);
(148.5,	77.8,	0.0,	1.2);	(155.6,	70.7,	0.0,	1.2);
(162.6,	63.6,	0.0,	1.2);	(169.7,	56.6,	0.0,	1.2);
(176.8,	49.5,	0.0,	1.2);	(183.9,	42.4,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(49.5,	190.9,	0.0,	1.2);	(56.6,	183.9,	0.0,	1.2);
(63.6,	176.8,	0.0,	1.2);	(70.7,	169.7,	0.0,	1.2);
(77.8,	162.6,	0.0,	1.2);	(84.8,	155.6,	0.0,	1.2);
(91.9,	148.5,	0.0,	1.2);	(99.0,	141.4,	0.0,	1.2);
(102.5,	137.9,	0.0,	1.2);	(106.1,	134.4,	0.0,	1.2);
(108.2,	132.2,	0.0,	1.2);	(109.6,	130.8,	0.0,	1.2);
(111.0,	129.4,	0.0,	1.2);	(112.4,	128.0,	0.0,	1.2);
(113.8,	126.6,	0.0,	1.2);	(126.6,	113.8,	0.0,	1.2);
(128.0,	112.4,	0.0,	1.2);	(129.4,	111.0,	0.0,	1.2);
(130.8,	109.6,	0.0,	1.2);	(132.2,	108.2,	0.0,	1.2);
(134.4,	106.1,	0.0,	1.2);	(137.9,	102.5,	0.0,	1.2);
(141.4,	99.0,	0.0,	1.2);	(148.5,	91.9,	0.0,	1.2);
(155.6,	84.8,	0.0,	1.2);	(162.6,	77.8,	0.0,	1.2);
(169.7,	70.7,	0.0,	1.2);	(176.8,	63.6,	0.0,	1.2);
(183.9,	56.6,	0.0,	1.2);	(190.9,	49.5,	0.0,	1.2);
(56.6,	198.0,	0.0,	1.2);	(63.6,	190.9,	0.0,	1.2);
(70.7,	183.9,	0.0,	1.2);	(77.8,	176.8,	0.0,	1.2);
(84.8,	169.7,	0.0,	1.2);	(91.9,	162.6,	0.0,	1.2);
(99.0,	155.6,	0.0,	1.2);	(106.1,	148.5,	0.0,	1.2);
(109.6,	145.0,	0.0,	1.2);	(113.1,	141.4,	0.0,	1.2);
(115.3,	139.3,	0.0,	1.2);	(116.7,	137.9,	0.0,	1.2);
(118.1,	136.5,	0.0,	1.2);	(119.5,	135.1,	0.0,	1.2);
(120.9,	133.6,	0.0,	1.2);	(133.6,	120.9,	0.0,	1.2);

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

(135.1,	119.5,	0.0,	1.2);	(136.5,	118.1,	0.0,	1.2);
(137.9,	116.7,	0.0,	1.2);	(139.3,	115.3,	0.0,	1.2);
(141.4,	113.1,	0.0,	1.2);	(145.0,	109.6,	0.0,	1.2);
(148.5,	106.1,	0.0,	1.2);	(155.6,	99.0,	0.0,	1.2);
(162.6,	91.9,	0.0,	1.2);	(169.7,	84.8,	0.0,	1.2);
(176.8,	77.8,	0.0,	1.2);	(183.9,	70.7,	0.0,	1.2);
(190.9,	63.6,	0.0,	1.2);	(198.0,	56.6,	0.0,	1.2);
(63.6,	205.1,	0.0,	1.2);	(70.7,	198.0,	0.0,	1.2);
(77.8,	190.9,	0.0,	1.2);	(84.8,	183.9,	0.0,	1.2);
(91.9,	176.8,	0.0,	1.2);	(99.0,	169.7,	0.0,	1.2);
(106.1,	162.6,	0.0,	1.2);	(113.1,	155.6,	0.0,	1.2);
(116.7,	152.0,	0.0,	1.2);	(120.2,	148.5,	0.0,	1.2);
(122.3,	146.4,	0.0,	1.2);	(123.7,	145.0,	0.0,	1.2);
(125.2,	143.5,	0.0,	1.2);	(126.6,	142.1,	0.0,	1.2);
(128.0,	140.7,	0.0,	1.2);	(140.7,	128.0,	0.0,	1.2);
(142.1,	126.6,	0.0,	1.2);	(143.5,	125.2,	0.0,	1.2);
(145.0,	123.7,	0.0,	1.2);	(146.4,	122.3,	0.0,	1.2);
(148.5,	120.2,	0.0,	1.2);	(152.0,	116.7,	0.0,	1.2);
(155.6,	113.1,	0.0,	1.2);	(162.6,	106.1,	0.0,	1.2);
(169.7,	99.0,	0.0,	1.2);	(176.8,	91.9,	0.0,	1.2);
(183.9,	84.8,	0.0,	1.2);	(190.9,	77.8,	0.0,	1.2);
(198.0,	70.7,	0.0,	1.2);	(205.1,	63.6,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(70.7,	212.1,	0.0,	1.2);	(77.8,	205.1,	0.0,	1.2);
(84.8,	198.0,	0.0,	1.2);	(91.9,	190.9,	0.0,	1.2);
(99.0,	183.9,	0.0,	1.2);	(106.1,	176.8,	0.0,	1.2);
(113.1,	169.7,	0.0,	1.2);	(120.2,	162.6,	0.0,	1.2);
(123.7,	159.1,	0.0,	1.2);	(127.3,	155.6,	0.0,	1.2);
(129.4,	153.4,	0.0,	1.2);	(130.8,	152.0,	0.0,	1.2);
(132.2,	150.6,	0.0,	1.2);	(133.6,	149.2,	0.0,	1.2);
(135.1,	147.8,	0.0,	1.2);	(147.8,	135.1,	0.0,	1.2);
(149.2,	133.6,	0.0,	1.2);	(150.6,	132.2,	0.0,	1.2);
(152.0,	130.8,	0.0,	1.2);	(153.4,	129.4,	0.0,	1.2);
(155.6,	127.3,	0.0,	1.2);	(159.1,	123.7,	0.0,	1.2);
(162.6,	120.2,	0.0,	1.2);	(169.7,	113.1,	0.0,	1.2);
(176.8,	106.1,	0.0,	1.2);	(183.9,	99.0,	0.0,	1.2);
(190.9,	91.9,	0.0,	1.2);	(198.0,	84.8,	0.0,	1.2);
(205.1,	77.8,	0.0,	1.2);	(212.1,	70.7,	0.0,	1.2);

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

(77.8,	219.2,	0.0,	1.2);	(84.8,	212.1,	0.0,	1.2);
(91.9,	205.1,	0.0,	1.2);	(99.0,	198.0,	0.0,	1.2);
(106.1,	190.9,	0.0,	1.2);	(113.1,	183.9,	0.0,	1.2);
(120.2,	176.8,	0.0,	1.2);	(127.3,	169.7,	0.0,	1.2);
(130.8,	166.2,	0.0,	1.2);	(134.4,	162.6,	0.0,	1.2);
(136.5,	160.5,	0.0,	1.2);	(137.9,	159.1,	0.0,	1.2);
(139.3,	157.7,	0.0,	1.2);	(140.7,	156.3,	0.0,	1.2);
(142.1,	154.9,	0.0,	1.2);	(154.9,	142.1,	0.0,	1.2);
(156.3,	140.7,	0.0,	1.2);	(157.7,	139.3,	0.0,	1.2);
(159.1,	137.9,	0.0,	1.2);	(160.5,	136.5,	0.0,	1.2);
(162.6,	134.4,	0.0,	1.2);	(166.2,	130.8,	0.0,	1.2);
(169.7,	127.3,	0.0,	1.2);	(176.8,	120.2,	0.0,	1.2);
(183.9,	113.1,	0.0,	1.2);	(190.9,	106.1,	0.0,	1.2);
(198.0,	99.0,	0.0,	1.2);	(205.1,	91.9,	0.0,	1.2);
(212.1,	84.8,	0.0,	1.2);	(219.2,	77.8,	0.0,	1.2);
(84.8,	226.3,	0.0,	1.2);	(91.9,	219.2,	0.0,	1.2);
(99.0,	212.1,	0.0,	1.2);	(106.1,	205.1,	0.0,	1.2);
(113.1,	198.0,	0.0,	1.2);	(120.2,	190.9,	0.0,	1.2);
(127.3,	183.9,	0.0,	1.2);	(134.4,	176.8,	0.0,	1.2);
(137.9,	173.2,	0.0,	1.2);	(141.4,	169.7,	0.0,	1.2);
(143.5,	167.6,	0.0,	1.2);	(145.0,	166.2,	0.0,	1.2);
(146.4,	164.8,	0.0,	1.2);	(147.8,	163.3,	0.0,	1.2);
(149.2,	161.9,	0.0,	1.2);	(161.9,	149.2,	0.0,	1.2);
(163.3,	147.8,	0.0,	1.2);	(164.8,	146.4,	0.0,	1.2);
(166.2,	145.0,	0.0,	1.2);	(167.6,	143.5,	0.0,	1.2);
(169.7,	141.4,	0.0,	1.2);	(173.2,	137.9,	0.0,	1.2);
(176.8,	134.4,	0.0,	1.2);	(183.9,	127.3,	0.0,	1.2);
(190.9,	120.2,	0.0,	1.2);	(198.0,	113.1,	0.0,	1.2);
(205.1,	106.1,	0.0,	1.2);	(212.1,	99.0,	0.0,	1.2);
(219.2,	91.9,	0.0,	1.2);	(226.3,	84.8,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(91.9,	233.4,	0.0,	1.2);	(99.0,	226.3,	0.0,	1.2);
(106.1,	219.2,	0.0,	1.2);	(113.1,	212.1,	0.0,	1.2);
(120.2,	205.1,	0.0,	1.2);	(127.3,	198.0,	0.0,	1.2);
(134.4,	190.9,	0.0,	1.2);	(141.4,	183.9,	0.0,	1.2);
(145.0,	180.3,	0.0,	1.2);	(148.5,	176.8,	0.0,	1.2);
(150.6,	174.7,	0.0,	1.2);	(152.0,	173.2,	0.0,	1.2);
(153.4,	171.8,	0.0,	1.2);	(154.9,	170.4,	0.0,	1.2);

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

(156.3,	169.0,	0.0,	1.2);	(169.0,	156.3,	0.0,	1.2);
(170.4,	154.9,	0.0,	1.2);	(171.8,	153.4,	0.0,	1.2);
(173.2,	152.0,	0.0,	1.2);	(174.7,	150.6,	0.0,	1.2);
(176.8,	148.5,	0.0,	1.2);	(180.3,	145.0,	0.0,	1.2);
(183.9,	141.4,	0.0,	1.2);	(190.9,	134.4,	0.0,	1.2);
(198.0,	127.3,	0.0,	1.2);	(205.1,	120.2,	0.0,	1.2);
(212.1,	113.1,	0.0,	1.2);	(219.2,	106.1,	0.0,	1.2);
(226.3,	99.0,	0.0,	1.2);	(233.4,	91.9,	0.0,	1.2);
(99.0,	240.4,	0.0,	1.2);	(106.1,	233.4,	0.0,	1.2);
(113.1,	226.3,	0.0,	1.2);	(120.2,	219.2,	0.0,	1.2);
(127.3,	212.1,	0.0,	1.2);	(134.4,	205.1,	0.0,	1.2);
(141.4,	198.0,	0.0,	1.2);	(148.5,	190.9,	0.0,	1.2);
(152.0,	187.4,	0.0,	1.2);	(155.6,	183.9,	0.0,	1.2);
(157.7,	181.7,	0.0,	1.2);	(159.1,	180.3,	0.0,	1.2);
(160.5,	178.9,	0.0,	1.2);	(161.9,	177.5,	0.0,	1.2);
(163.3,	176.1,	0.0,	1.2);	(176.1,	163.3,	0.0,	1.2);
(177.5,	161.9,	0.0,	1.2);	(178.9,	160.5,	0.0,	1.2);
(180.3,	159.1,	0.0,	1.2);	(181.7,	157.7,	0.0,	1.2);
(183.9,	155.6,	0.0,	1.2);	(187.4,	152.0,	0.0,	1.2);
(190.9,	148.5,	0.0,	1.2);	(198.0,	141.4,	0.0,	1.2);
(205.1,	134.4,	0.0,	1.2);	(212.1,	127.3,	0.0,	1.2);
(219.2,	120.2,	0.0,	1.2);	(226.3,	113.1,	0.0,	1.2);
(233.4,	106.1,	0.0,	1.2);	(240.4,	99.0,	0.0,	1.2);
(106.1,	247.5,	0.0,	1.2);	(113.1,	240.4,	0.0,	1.2);
(120.2,	233.4,	0.0,	1.2);	(127.3,	226.3,	0.0,	1.2);
(134.4,	219.2,	0.0,	1.2);	(141.4,	212.1,	0.0,	1.2);
(148.5,	205.1,	0.0,	1.2);	(155.6,	198.0,	0.0,	1.2);
(159.1,	194.4,	0.0,	1.2);	(162.6,	190.9,	0.0,	1.2);
(164.8,	188.8,	0.0,	1.2);	(166.2,	187.4,	0.0,	1.2);
(167.6,	186.0,	0.0,	1.2);	(169.0,	184.6,	0.0,	1.2);
(170.4,	183.1,	0.0,	1.2);	(183.1,	170.4,	0.0,	1.2);
(184.6,	169.0,	0.0,	1.2);	(186.0,	167.6,	0.0,	1.2);
(187.4,	166.2,	0.0,	1.2);	(188.8,	164.8,	0.0,	1.2);
(190.9,	162.6,	0.0,	1.2);	(194.4,	159.1,	0.0,	1.2);
(198.0,	155.6,	0.0,	1.2);	(205.1,	148.5,	0.0,	1.2);
(212.1,	141.4,	0.0,	1.2);	(219.2,	134.4,	0.0,	1.2);
(226.3,	127.3,	0.0,	1.2);	(233.4,	120.2,	0.0,	1.2);
(240.4,	113.1,	0.0,	1.2);	(247.5,	106.1,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

1
1
1
1
1
1
1
1
1
1
1 1

METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 2001 1 1 1
AND END DATE: 2001 12 31 24

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

	STABILITY CATEGORY	WIND SPEED CATEGORY					6
		1	2	3	4	5	
.15000E+00	A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	
.15000E+00	B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	
.20000E+00	C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	
.25000E+00	D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	
.30000E+00	E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	
.30000E+00	F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

	STABILITY CATEGORY	WIND SPEED CATEGORY					6
		1	2	3	4	5	
.00000E+00	A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
.00000E+00	B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
.00000E+00	C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
.00000E+00	D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	
.20000E-01	E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	
.35000E-01	F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***
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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: C:\NCRA\Modeling\Met Data\Napa\NAP013RA.ASC
FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
SURFACE STATION NO.: 4901 UPPER AIR STATION NO.: 4901
NAME: UNKNOWN NAME: UNKNOWN
YEAR: 2001 YEAR: 2001

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
01	01	01	01	206.0	1.12	276.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	02	207.9	1.00	276.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	03	224.0	1.00	275.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	04	222.0	1.39	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	05	196.3	1.21	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	06	199.2	1.00	275.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	07	233.1	1.00	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	08	172.6	1.25	274.7	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	09	185.7	1.16	275.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	10	163.4	1.00	278.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	11	356.7	1.00	282.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	12	31.6	1.21	286.2	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	13	25.2	1.21	289.0	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	14	317.4	2.06	290.9	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	15	278.4	2.15	291.0	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	16	58.6	2.19	290.0	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	17	44.9	1.61	287.6	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	18	335.9	1.07	284.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	19	278.7	1.07	282.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	20	266.8	1.00	280.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	21	229.7	1.12	278.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	22	224.0	1.12	277.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	23	204.9	1.21	276.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	24	220.0	1.16	276.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07

**MODELOPTs:
PAGE 23

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00013	-240.42	-113.14	0.00014
-233.35	-120.21	0.00014	-226.27	-127.28	0.00014
-219.20	-134.35	0.00014	-212.13	-141.42	0.00014
-205.06	-148.49	0.00014	-197.99	-155.56	0.00014
-194.45	-159.10	0.00013	-190.92	-162.63	0.00013
-188.80	-164.76	0.00013	-187.38	-166.17	0.00013
-185.97	-167.58	0.00013	-184.55	-169.00	0.00013
-183.14	-170.41	0.00013	-170.41	-183.14	0.00013
-169.00	-184.55	0.00013	-167.58	-185.97	0.00013
-166.17	-187.38	0.00013	-164.76	-188.80	0.00013
-162.63	-190.92	0.00013	-159.10	-194.45	0.00013
-155.56	-197.99	0.00013	-148.49	-205.06	0.00013
-141.42	-212.13	0.00013	-134.35	-219.20	0.00013
-127.28	-226.27	0.00013	-120.21	-233.35	0.00013
-113.14	-240.42	0.00013	-106.07	-247.49	0.00013
-240.42	-98.99	0.00014	-233.35	-106.07	0.00014
-226.27	-113.14	0.00014	-219.20	-120.21	0.00014

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-212.13	-127.28	0.00014	-205.06	-134.35	0.00014
-197.99	-141.42	0.00014	-190.92	-148.49	0.00014
-187.38	-152.03	0.00014	-183.85	-155.56	0.00014
-181.73	-157.68	0.00014	-180.31	-159.10	0.00014
-178.90	-160.51	0.00014	-177.48	-161.93	0.00014
-176.07	-163.34	0.00014	-163.34	-176.07	0.00014
-161.93	-177.48	0.00014	-160.51	-178.90	0.00014
-159.10	-180.31	0.00014	-157.68	-181.73	0.00014
-155.56	-183.85	0.00014	-152.03	-187.38	0.00014
-148.49	-190.92	0.00014	-141.42	-197.99	0.00014
-134.35	-205.06	0.00014	-127.28	-212.13	0.00013
-120.21	-219.20	0.00013	-113.14	-226.27	0.00013
-106.07	-233.35	0.00013	-98.99	-240.42	0.00013
-233.35	-91.92	0.00015	-226.27	-99.00	0.00015
-219.20	-106.07	0.00015	-212.13	-113.14	0.00015
-205.06	-120.21	0.00015	-197.99	-127.28	0.00015
-190.92	-134.35	0.00015	-183.85	-141.42	0.00015
-180.31	-144.96	0.00015	-176.78	-148.49	0.00015
-174.66	-150.61	0.00015	-173.24	-152.03	0.00015
-171.83	-153.44	0.00015	-170.41	-154.86	0.00015
-169.00	-156.27	0.00015	-156.27	-169.00	0.00014
-154.86	-170.41	0.00014	-153.44	-171.83	0.00014
-152.03	-173.24	0.00014	-150.61	-174.66	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTS:
 PAGE 24

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00014	-144.96	-180.31	0.00014
-141.42	-183.85	0.00014	-134.35	-190.92	0.00014
-127.28	-197.99	0.00014	-120.21	-205.06	0.00014
-113.14	-212.13	0.00014	-106.07	-219.20	0.00014
-98.99	-226.27	0.00014	-91.92	-233.35	0.00014
-226.27	-84.85	0.00015	-219.20	-91.92	0.00015
-212.13	-99.00	0.00015	-205.06	-106.07	0.00016
-197.99	-113.14	0.00016	-190.92	-120.21	0.00016
-183.85	-127.28	0.00015	-176.78	-134.35	0.00015
-173.24	-137.89	0.00015	-169.71	-141.42	0.00015
-167.58	-143.54	0.00015	-166.17	-144.96	0.00015

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-164.76	-146.37	0.00015	-163.34	-147.79	0.00015
-161.93	-149.20	0.00015	-149.20	-161.93	0.00015
-147.79	-163.34	0.00015	-146.37	-164.76	0.00015
-144.96	-166.17	0.00015	-143.54	-167.58	0.00015
-141.42	-169.71	0.00015	-137.89	-173.24	0.00015
-134.35	-176.78	0.00015	-127.28	-183.85	0.00015
-120.21	-190.92	0.00015	-113.14	-197.99	0.00015
-106.07	-205.06	0.00015	-98.99	-212.13	0.00014
-91.92	-219.20	0.00014	-84.85	-226.27	0.00014
-219.20	-77.78	0.00016	-212.13	-84.85	0.00016
-205.06	-91.92	0.00016	-197.99	-99.00	0.00016
-190.92	-106.07	0.00016	-183.85	-113.14	0.00016
-176.78	-120.21	0.00016	-169.71	-127.28	0.00016
-166.17	-130.81	0.00016	-162.63	-134.35	0.00016
-160.51	-136.47	0.00016	-159.10	-137.89	0.00016
-157.68	-139.30	0.00016	-156.27	-140.71	0.00016
-154.86	-142.13	0.00016	-142.13	-154.86	0.00016
-140.71	-156.27	0.00016	-139.30	-157.68	0.00016
-137.89	-159.10	0.00016	-136.47	-160.51	0.00016
-134.35	-162.63	0.00016	-130.81	-166.17	0.00016
-127.28	-169.71	0.00016	-120.21	-176.78	0.00016
-113.14	-183.85	0.00015	-106.07	-190.92	0.00015
-98.99	-197.99	0.00015	-91.92	-205.06	0.00015
-84.85	-212.13	0.00015	-77.78	-219.20	0.00015
-212.13	-70.71	0.00016	-205.06	-77.78	0.00017
-197.99	-84.85	0.00017	-190.92	-91.92	0.00017
-183.85	-98.99	0.00017	-176.78	-106.07	0.00017
-169.71	-113.14	0.00017	-162.63	-120.21	0.00017
-159.10	-123.74	0.00017	-155.56	-127.28	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTS:
 PAGE 25

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00017	-152.03	-130.81	0.00017
-150.61	-132.23	0.00017	-149.20	-133.64	0.00017
-147.79	-135.06	0.00017	-135.06	-147.79	0.00017
-133.64	-149.20	0.00017	-132.23	-150.61	0.00016
-130.81	-152.03	0.00016	-129.40	-153.44	0.00016

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-155.56	0.00016	-123.74	-159.10	0.00016
-120.21	-162.63	0.00016	-113.14	-169.71	0.00016
-106.07	-176.78	0.00016	-98.99	-183.85	0.00016
-91.92	-190.92	0.00016	-84.85	-197.99	0.00016
-77.78	-205.06	0.00016	-70.71	-212.13	0.00015
-205.06	-63.64	0.00017	-197.99	-70.71	0.00017
-190.92	-77.78	0.00018	-183.85	-84.85	0.00018
-176.78	-91.92	0.00018	-169.71	-98.99	0.00018
-162.63	-106.07	0.00018	-155.56	-113.14	0.00018
-152.03	-116.67	0.00018	-148.49	-120.21	0.00018
-146.37	-122.33	0.00018	-144.96	-123.74	0.00018
-143.54	-125.16	0.00018	-142.13	-126.57	0.00018
-140.71	-127.99	0.00018	-127.99	-140.71	0.00017
-126.57	-142.13	0.00017	-125.16	-143.54	0.00017
-123.74	-144.96	0.00017	-122.33	-146.37	0.00017
-120.21	-148.49	0.00017	-116.67	-152.03	0.00017
-113.14	-155.56	0.00017	-106.07	-162.63	0.00017
-98.99	-169.71	0.00017	-91.92	-176.78	0.00017
-84.85	-183.85	0.00017	-77.78	-190.92	0.00017
-70.71	-197.99	0.00016	-63.64	-205.06	0.00016
-197.99	-56.57	0.00018	-190.92	-63.64	0.00018
-183.85	-70.71	0.00019	-176.78	-77.78	0.00019
-169.71	-84.85	0.00019	-162.63	-91.92	0.00019
-155.56	-98.99	0.00019	-148.49	-106.07	0.00019
-144.96	-109.60	0.00019	-141.42	-113.14	0.00019
-139.30	-115.26	0.00019	-137.89	-116.67	0.00019
-136.47	-118.09	0.00018	-135.06	-119.50	0.00018
-133.64	-120.92	0.00018	-120.92	-133.64	0.00018
-119.50	-135.06	0.00018	-118.09	-136.47	0.00018
-116.67	-137.89	0.00018	-115.26	-139.30	0.00018
-113.14	-141.42	0.00018	-109.60	-144.96	0.00018
-106.07	-148.49	0.00018	-98.99	-155.56	0.00018
-91.92	-162.63	0.00018	-84.85	-169.71	0.00018
-77.78	-176.78	0.00018	-70.71	-183.85	0.00017
-63.64	-190.92	0.00017	-56.57	-197.99	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***
 18:23:07
 **MODELOPTs:
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 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

15NCRA NAPA01-300_DPM_TRAV_ANN_NE-SW Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00019	-183.85	-56.57	0.00019
-176.78	-63.64	0.00019	-169.71	-70.71	0.00020
-162.63	-77.78	0.00020	-155.56	-84.85	0.00020
-148.49	-91.92	0.00020	-141.42	-98.99	0.00020
-137.89	-102.53	0.00020	-134.35	-106.07	0.00020
-132.23	-108.19	0.00020	-130.81	-109.60	0.00019
-129.40	-111.02	0.00019	-127.99	-112.43	0.00019
-126.57	-113.84	0.00019	-113.84	-126.57	0.00019
-112.43	-127.99	0.00019	-111.02	-129.40	0.00019
-109.60	-130.81	0.00019	-108.19	-132.23	0.00019
-106.07	-134.35	0.00019	-102.53	-137.89	0.00019
-98.99	-141.42	0.00019	-91.92	-148.49	0.00019
-84.85	-155.56	0.00019	-77.78	-162.63	0.00019
-70.71	-169.71	0.00018	-63.64	-176.78	0.00018
-56.57	-183.85	0.00018	-49.50	-190.92	0.00018
-183.85	-42.43	0.00019	-176.78	-49.50	0.00020
-169.71	-56.57	0.00020	-162.63	-63.64	0.00021
-155.56	-70.71	0.00021	-148.49	-77.78	0.00021
-141.42	-84.85	0.00021	-134.35	-91.92	0.00021
-130.81	-95.46	0.00021	-127.28	-98.99	0.00021
-125.16	-101.12	0.00021	-123.74	-102.53	0.00021
-122.33	-103.94	0.00021	-120.92	-105.36	0.00020
-119.50	-106.77	0.00020	-106.77	-119.50	0.00020
-105.36	-120.92	0.00020	-103.94	-122.33	0.00020
-102.53	-123.74	0.00020	-101.12	-125.16	0.00020
-98.99	-127.28	0.00020	-95.46	-130.81	0.00020
-91.92	-134.35	0.00020	-84.85	-141.42	0.00020
-77.78	-148.49	0.00020	-70.71	-155.56	0.00020
-63.64	-162.63	0.00019	-56.57	-169.71	0.00019
-49.50	-176.78	0.00019	-42.43	-183.85	0.00019
-176.78	-35.36	0.00020	-169.71	-42.43	0.00021
-162.63	-49.50	0.00021	-155.56	-56.57	0.00022
-148.49	-63.64	0.00022	-141.42	-70.71	0.00022
-134.35	-77.78	0.00022	-127.28	-84.85	0.00022
-123.74	-88.39	0.00022	-120.21	-91.92	0.00022
-118.09	-94.05	0.00022	-116.67	-95.46	0.00022
-115.26	-96.87	0.00022	-113.84	-98.29	0.00022
-112.43	-99.70	0.00022	-99.70	-112.43	0.00021
-98.29	-113.84	0.00021	-96.87	-115.26	0.00021
-95.46	-116.67	0.00021	-94.05	-118.09	0.00021

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

18:23:07

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00021	-88.39	-123.74	0.00021
-84.85	-127.28	0.00021	-77.78	-134.35	0.00021
-70.71	-141.42	0.00021	-63.64	-148.49	0.00021
-56.57	-155.56	0.00020	-49.50	-162.63	0.00020
-42.43	-169.71	0.00020	-35.36	-176.78	0.00019
-169.71	-28.28	0.00021	-162.63	-35.36	0.00022
-155.56	-42.43	0.00023	-148.49	-49.50	0.00023
-141.42	-56.57	0.00023	-134.35	-63.64	0.00023
-127.28	-70.71	0.00023	-120.21	-77.78	0.00023
-116.67	-81.32	0.00023	-113.14	-84.85	0.00023
-111.02	-86.97	0.00023	-109.60	-88.39	0.00023
-108.19	-89.80	0.00023	-106.77	-91.22	0.00023
-105.36	-92.63	0.00023	-92.63	-105.36	0.00023
-91.22	-106.77	0.00023	-89.80	-108.19	0.00023
-88.39	-109.60	0.00023	-86.97	-111.02	0.00022
-84.85	-113.14	0.00022	-81.32	-116.67	0.00022
-77.78	-120.21	0.00022	-70.71	-127.28	0.00022
-63.64	-134.35	0.00022	-56.57	-141.42	0.00022
-49.50	-148.49	0.00022	-42.43	-155.56	0.00021
-35.36	-162.63	0.00021	-28.28	-169.71	0.00020
-162.63	-21.21	0.00022	-155.56	-28.28	0.00023
-148.49	-35.36	0.00024	-141.42	-42.43	0.00024
-134.35	-49.50	0.00025	-127.28	-56.57	0.00025
-120.21	-63.64	0.00025	-113.14	-70.71	0.00025
-109.60	-74.25	0.00025	-106.07	-77.78	0.00024
-103.94	-79.90	0.00024	-102.53	-81.32	0.00024
-101.12	-82.73	0.00024	-99.70	-84.15	0.00024
-98.29	-85.56	0.00024	-85.56	-98.29	0.00024
-84.15	-99.70	0.00024	-82.73	-101.12	0.00024
-81.32	-102.53	0.00024	-79.90	-103.94	0.00024
-77.78	-106.07	0.00024	-74.25	-109.60	0.00024
-70.71	-113.14	0.00024	-63.64	-120.21	0.00023
-56.57	-127.28	0.00023	-49.50	-134.35	0.00023
-42.43	-141.42	0.00023	-35.36	-148.49	0.00022
-28.28	-155.56	0.00022	-21.21	-162.63	0.00022
-155.56	-14.14	0.00023	-148.49	-21.21	0.00024
-141.42	-28.28	0.00025	-134.35	-35.36	0.00026

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-42.43	0.00026	-120.21	-49.50	0.00026
-113.14	-56.57	0.00026	-106.07	-63.64	0.00026
-102.53	-67.18	0.00026	-98.99	-70.71	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00026	-95.46	-74.25	0.00026
-94.05	-75.66	0.00026	-92.63	-77.07	0.00026
-91.22	-78.49	0.00026	-78.49	-91.22	0.00025
-77.07	-92.63	0.00025	-75.66	-94.05	0.00025
-74.25	-95.46	0.00025	-72.83	-96.87	0.00025
-70.71	-98.99	0.00025	-67.18	-102.53	0.00025
-63.64	-106.07	0.00025	-56.57	-113.14	0.00025
-49.50	-120.21	0.00025	-42.43	-127.28	0.00024
-35.36	-134.35	0.00024	-28.28	-141.42	0.00024
-21.21	-148.49	0.00023	-14.14	-155.56	0.00023
-148.49	-7.07	0.00024	-141.42	-14.14	0.00025
-134.35	-21.21	0.00026	-127.28	-28.28	0.00027
-120.21	-35.36	0.00028	-113.14	-42.43	0.00028
-106.07	-49.50	0.00028	-98.99	-56.57	0.00028
-95.46	-60.10	0.00028	-91.92	-63.64	0.00028
-89.80	-65.76	0.00028	-88.39	-67.18	0.00028
-86.97	-68.59	0.00028	-85.56	-70.00	0.00027
-84.15	-71.42	0.00027	-71.42	-84.15	0.00027
-70.00	-85.56	0.00027	-68.59	-86.97	0.00027
-67.18	-88.39	0.00027	-65.76	-89.80	0.00027
-63.64	-91.92	0.00027	-60.10	-95.46	0.00027
-56.57	-98.99	0.00027	-49.50	-106.07	0.00026
-42.43	-113.14	0.00026	-35.36	-120.21	0.00026
-28.28	-127.28	0.00026	-21.21	-134.35	0.00025
-14.14	-141.42	0.00025	-7.07	-148.49	0.00024
-141.42	0.00	0.00025	-134.35	-7.07	0.00027
-127.28	-14.14	0.00028	-120.21	-21.21	0.00029
-113.14	-28.28	0.00029	-106.07	-35.36	0.00030
-98.99	-42.43	0.00030	-91.92	-49.50	0.00030
-88.39	-53.03	0.00030	-84.85	-56.57	0.00030
-82.73	-58.69	0.00029	-81.32	-60.10	0.00029

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-79.90	-61.52	0.00029	-78.49	-62.93	0.00029
-77.07	-64.35	0.00029	-64.35	-77.07	0.00029
-62.93	-78.49	0.00029	-61.52	-79.90	0.00029
-60.10	-81.32	0.00029	-58.69	-82.73	0.00029
-56.57	-84.85	0.00029	-53.03	-88.39	0.00029
-49.50	-91.92	0.00028	-42.43	-98.99	0.00028
-35.36	-106.07	0.00028	-28.28	-113.14	0.00028
-21.21	-120.21	0.00027	-14.14	-127.28	0.00027
-7.07	-134.35	0.00026	0.00	-141.42	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
 PAGE 29
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00026	-127.28	0.00	0.00028
-120.21	-7.07	0.00029	-113.14	-14.14	0.00030
-106.07	-21.21	0.00031	-98.99	-28.28	0.00032
-91.92	-35.36	0.00032	-84.85	-42.43	0.00032
-81.32	-45.96	0.00032	-77.78	-49.50	0.00032
-75.66	-51.62	0.00032	-74.25	-53.03	0.00031
-72.83	-54.45	0.00031	-71.42	-55.86	0.00031
-70.00	-57.28	0.00031	-57.28	-70.00	0.00031
-55.86	-71.42	0.00031	-54.45	-72.83	0.00031
-53.03	-74.25	0.00031	-51.62	-75.66	0.00031
-49.50	-77.78	0.00031	-45.96	-81.32	0.00030
-42.43	-84.85	0.00030	-35.36	-91.92	0.00030
-28.28	-98.99	0.00030	-21.21	-106.07	0.00029
-14.14	-113.14	0.00029	-7.07	-120.21	0.00028
0.00	-127.28	0.00027	7.07	-134.35	0.00027
-127.28	14.14	0.00027	-120.21	7.07	0.00029
-113.14	0.00	0.00031	-106.07	-7.07	0.00032
-98.99	-14.14	0.00033	-91.92	-21.21	0.00034
-84.85	-28.28	0.00034	-77.78	-35.36	0.00034
-74.25	-38.89	0.00034	-70.71	-42.43	0.00034
-68.59	-44.55	0.00034	-67.18	-45.96	0.00034
-65.76	-47.38	0.00034	-64.35	-48.79	0.00034
-62.93	-50.20	0.00034	-50.20	-62.93	0.00033
-48.79	-64.35	0.00033	-47.38	-65.76	0.00033
-45.96	-67.18	0.00033	-44.55	-68.59	0.00033

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	-70.71	0.00033	-38.89	-74.25	0.00033
-35.36	-77.78	0.00032	-28.28	-84.85	0.00032
-21.21	-91.92	0.00032	-14.14	-98.99	0.00031
-7.07	-106.07	0.00031	0.00	-113.14	0.00030
7.07	-120.21	0.00029	14.14	-127.28	0.00028
-120.21	21.21	0.00028	-113.14	14.14	0.00030
-106.07	7.07	0.00033	-98.99	0.00	0.00034
-91.92	-7.07	0.00036	-84.85	-14.14	0.00036
-77.78	-21.21	0.00037	-70.71	-28.28	0.00037
-67.18	-31.82	0.00037	-63.64	-35.36	0.00036
-61.52	-37.48	0.00036	-60.10	-38.89	0.00036
-58.69	-40.31	0.00036	-57.28	-41.72	0.00036
-55.86	-43.13	0.00036	-43.13	-55.86	0.00036
-41.72	-57.28	0.00035	-40.31	-58.69	0.00035
-38.89	-60.10	0.00035	-37.48	-61.52	0.00035

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
 PAGE 30

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00035	-31.82	-67.18	0.00035
-28.28	-70.71	0.00035	-21.21	-77.78	0.00034
-14.14	-84.85	0.00034	-7.07	-91.92	0.00034
0.00	-98.99	0.00033	7.07	-106.07	0.00032
14.14	-113.14	0.00031	21.21	-120.21	0.00030
-113.14	28.28	0.00029	-106.07	21.21	0.00032
-98.99	14.14	0.00034	-91.92	7.07	0.00036
-84.85	0.00	0.00038	-77.78	-7.07	0.00039
-70.71	-14.14	0.00040	-63.64	-21.21	0.00040
-60.10	-24.75	0.00039	-56.57	-28.28	0.00039
-54.45	-30.41	0.00039	-53.03	-31.82	0.00039
-51.62	-33.23	0.00039	-50.20	-34.65	0.00039
-48.79	-36.06	0.00039	-36.06	-48.79	0.00038
-34.65	-50.20	0.00038	-33.23	-51.62	0.00038
-31.82	-53.03	0.00038	-30.41	-54.45	0.00038
-28.28	-56.57	0.00038	-24.75	-60.10	0.00038
-21.21	-63.64	0.00038	-14.14	-70.71	0.00037
-7.07	-77.78	0.00037	0.00	-84.85	0.00036
7.07	-91.92	0.00035	14.14	-98.99	0.00034

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

21.21	-106.07	0.00033	28.28	-113.14	0.00032
-106.07	35.36	0.00030	-98.99	28.28	0.00033
-91.92	21.21	0.00036	-84.85	14.14	0.00039
-77.78	7.07	0.00041	-70.71	0.00	0.00042
-63.64	-7.07	0.00043	-56.57	-14.14	0.00043
-53.03	-17.68	0.00043	-49.50	-21.21	0.00043
-47.38	-23.33	0.00042	-45.96	-24.75	0.00042
-44.55	-26.16	0.00042	-43.13	-27.58	0.00042
-41.72	-28.99	0.00042	-28.99	-41.72	0.00041
-27.58	-43.13	0.00041	-26.16	-44.55	0.00041
-24.75	-45.96	0.00041	-23.33	-47.38	0.00041
-21.21	-49.50	0.00041	-17.68	-53.03	0.00041
-14.14	-56.57	0.00041	-7.07	-63.64	0.00040
0.00	-70.71	0.00039	7.07	-77.78	0.00039
14.14	-84.85	0.00038	21.21	-91.92	0.00036
28.28	-98.99	0.00035	35.36	-106.07	0.00033
-98.99	42.43	0.00031	-91.92	35.36	0.00035
-84.85	28.28	0.00038	-77.78	21.21	0.00041
-70.71	14.14	0.00044	-63.64	7.07	0.00045
-56.57	0.00	0.00046	-49.50	-7.07	0.00046
-45.96	-10.61	0.00046	-42.43	-14.14	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00046	-38.89	-17.68	0.00046
-37.48	-19.09	0.00046	-36.06	-20.51	0.00046
-34.65	-21.92	0.00046	-21.92	-34.65	0.00045
-20.51	-36.06	0.00045	-19.09	-37.48	0.00045
-17.68	-38.89	0.00045	-16.26	-40.31	0.00045
-14.14	-42.43	0.00044	-10.61	-45.96	0.00044
-7.07	-49.50	0.00044	0.00	-56.57	0.00043
7.07	-63.64	0.00043	14.14	-70.71	0.00042
21.21	-77.78	0.00040	28.28	-84.85	0.00039
35.36	-91.92	0.00037	42.43	-98.99	0.00035
-91.92	49.50	0.00033	-84.85	42.43	0.00036
-77.78	35.36	0.00040	-70.71	28.28	0.00044
-63.64	21.21	0.00047	-56.57	14.14	0.00049

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-49.50	7.07	0.00050	-42.43	0.00	0.00051
-38.89	-3.54	0.00051	-35.36	-7.07	0.00050
-33.23	-9.19	0.00050	-31.82	-10.61	0.00050
-30.41	-12.02	0.00050	-28.99	-13.44	0.00050
-27.58	-14.85	0.00050	-14.85	-27.58	0.00049
-13.44	-28.99	0.00049	-12.02	-30.41	0.00049
-10.61	-31.82	0.00049	-9.19	-33.23	0.00049
-7.07	-35.36	0.00048	-3.54	-38.89	0.00048
0.00	-42.43	0.00048	7.07	-49.50	0.00047
14.14	-56.57	0.00046	21.21	-63.64	0.00045
28.28	-70.71	0.00044	35.36	-77.78	0.00042
42.43	-84.85	0.00040	49.50	-91.92	0.00038
-84.85	56.57	0.00034	-77.78	49.50	0.00038
-70.71	42.43	0.00042	-63.64	35.36	0.00046
-56.57	28.28	0.00050	-49.50	21.21	0.00053
-42.43	14.14	0.00055	-35.36	7.07	0.00055
-31.82	3.54	0.00055	-28.28	0.00	0.00055
-26.16	-2.12	0.00055	-24.75	-3.54	0.00055
-23.33	-4.95	0.00055	-21.92	-6.36	0.00055
-20.51	-7.78	0.00055	-7.78	-20.51	0.00053
-6.36	-21.92	0.00053	-4.95	-23.33	0.00053
-3.54	-24.75	0.00053	-2.12	-26.16	0.00053
0.00	-28.28	0.00053	3.54	-31.82	0.00053
7.07	-35.36	0.00052	14.14	-42.43	0.00051
21.21	-49.50	0.00050	28.28	-56.57	0.00049
35.36	-63.64	0.00047	42.43	-70.71	0.00045
49.50	-77.78	0.00042	56.57	-84.85	0.00040

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
 PAGE 32

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00035	-70.71	56.57	0.00039
-63.64	49.50	0.00044	-56.57	42.43	0.00049
-49.50	35.36	0.00054	-42.43	28.28	0.00057
-35.36	21.21	0.00060	-28.28	14.14	0.00061
-24.75	10.61	0.00061	-21.21	7.07	0.00061
-19.09	4.95	0.00061	-17.68	3.54	0.00060
-16.26	2.12	0.00060	-14.85	0.71	0.00060

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-13.44	-0.71	0.00060	-0.71	-13.44	0.00059
0.71	-14.85	0.00059	2.12	-16.26	0.00058
3.54	-17.68	0.00058	4.95	-19.09	0.00058
7.07	-21.21	0.00058	10.61	-24.75	0.00058
14.14	-28.28	0.00057	21.21	-35.36	0.00056
28.28	-42.43	0.00055	35.36	-49.50	0.00053
42.43	-56.57	0.00051	49.50	-63.64	0.00048
56.57	-70.71	0.00045	63.64	-77.78	0.00042
-70.71	70.71	0.00036	-63.64	63.64	0.00041
-56.57	56.57	0.00046	-49.50	49.50	0.00052
-42.43	42.43	0.00057	-35.36	35.36	0.00062
-28.28	28.28	0.00066	-21.21	21.21	0.00067
-17.68	17.68	0.00067	-14.14	14.14	0.00067
-12.02	12.02	0.00067	-10.61	10.61	0.00067
-9.19	9.19	0.00067	-7.78	7.78	0.00067
-6.36	6.36	0.00066	6.36	-6.36	0.00065
7.78	-7.78	0.00065	9.19	-9.19	0.00065
10.61	-10.61	0.00064	12.02	-12.02	0.00064
14.14	-14.14	0.00064	17.68	-17.68	0.00064
21.21	-21.21	0.00063	28.28	-28.28	0.00062
35.36	-35.36	0.00060	42.43	-42.43	0.00058
49.50	-49.50	0.00055	56.57	-56.57	0.00052
63.64	-63.64	0.00048	70.71	-70.71	0.00045
-63.64	77.78	0.00037	-56.57	70.71	0.00042
-49.50	63.64	0.00048	-42.43	56.57	0.00055
-35.36	49.50	0.00061	-28.28	42.43	0.00068
-21.21	35.36	0.00072	-14.14	28.28	0.00074
-10.61	24.75	0.00075	-7.07	21.21	0.00075
-4.95	19.09	0.00074	-3.54	17.68	0.00074
-2.12	16.26	0.00074	-0.71	14.85	0.00074
0.71	13.44	0.00074	13.44	0.71	0.00072
14.85	-0.71	0.00072	16.26	-2.12	0.00072
17.68	-3.54	0.00071	19.09	-4.95	0.00071

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
 PAGE 33
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00071	24.75	-10.61	0.00070

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

28.28	-14.14	0.00070	35.36	-21.21	0.00068
42.43	-28.28	0.00066	49.50	-35.36	0.00063
56.57	-42.43	0.00059	63.64	-49.50	0.00056
70.71	-56.57	0.00052	77.78	-63.64	0.00048
-56.57	84.85	0.00038	-49.50	77.78	0.00043
-42.43	70.71	0.00050	-35.36	63.64	0.00057
-28.28	56.57	0.00065	-21.21	49.50	0.00073
-14.14	42.43	0.00079	-7.07	35.36	0.00083
-3.54	31.82	0.00083	0.00	28.28	0.00083
2.12	26.16	0.00083	3.54	24.75	0.00083
4.95	23.33	0.00083	6.36	21.92	0.00083
7.78	20.51	0.00082	20.51	7.78	0.00080
21.92	6.36	0.00080	23.33	4.95	0.00080
24.75	3.54	0.00080	26.16	2.12	0.00079
28.28	0.00	0.00079	31.82	-3.54	0.00078
35.36	-7.07	0.00078	42.43	-14.14	0.00076
49.50	-21.21	0.00073	56.57	-28.28	0.00069
63.64	-35.36	0.00064	70.71	-42.43	0.00060
77.78	-49.50	0.00055	84.85	-56.57	0.00051
-49.50	91.92	0.00039	-42.43	84.85	0.00045
-35.36	77.78	0.00052	-28.28	70.71	0.00060
-21.21	63.64	0.00069	-14.14	56.57	0.00079
-7.07	49.50	0.00087	0.00	42.43	0.00092
3.54	38.89	0.00093	7.07	35.36	0.00094
9.19	33.23	0.00094	10.61	31.82	0.00094
12.02	30.41	0.00093	13.44	28.99	0.00093
14.85	27.58	0.00093	27.58	14.85	0.00090
28.99	13.44	0.00090	30.41	12.02	0.00090
31.82	10.61	0.00090	33.23	9.19	0.00089
35.36	7.07	0.00089	38.89	3.54	0.00088
42.43	0.00	0.00087	49.50	-7.07	0.00084
56.57	-14.14	0.00080	63.64	-21.21	0.00075
70.71	-28.28	0.00070	77.78	-35.36	0.00064
84.85	-42.43	0.00059	91.92	-49.50	0.00053
-42.43	98.99	0.00040	-35.36	91.92	0.00046
-28.28	84.85	0.00054	-21.21	77.78	0.00063
-14.14	70.71	0.00073	-7.07	63.64	0.00085
0.00	56.57	0.00096	7.07	49.50	0.00103
10.61	45.96	0.00105	14.14	42.43	0.00106

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

18:23:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00106	17.68	38.89	0.00106
19.09	37.48	0.00106	20.51	36.06	0.00106
21.92	34.65	0.00105	34.65	21.92	0.00102
36.06	20.51	0.00102	37.48	19.09	0.00102
38.89	17.68	0.00101	40.31	16.26	0.00101
42.43	14.14	0.00100	45.96	10.61	0.00099
49.50	7.07	0.00098	56.57	0.00	0.00094
63.64	-7.07	0.00089	70.71	-14.14	0.00082
77.78	-21.21	0.00076	84.85	-28.28	0.00069
91.92	-35.36	0.00062	98.99	-42.43	0.00056
-35.36	106.07	0.00041	-28.28	98.99	0.00047
-21.21	91.92	0.00055	-14.14	84.85	0.00065
-7.07	77.78	0.00077	0.00	70.71	0.00091
7.07	63.64	0.00105	14.14	56.57	0.00116
17.68	53.03	0.00119	21.21	49.50	0.00121
23.33	47.38	0.00121	24.75	45.96	0.00121
26.16	44.55	0.00121	27.58	43.13	0.00121
28.99	41.72	0.00121	41.72	28.99	0.00117
43.13	27.58	0.00116	44.55	26.16	0.00116
45.96	24.75	0.00115	47.38	23.33	0.00115
49.50	21.21	0.00114	53.03	17.68	0.00113
56.57	14.14	0.00111	63.64	7.07	0.00105
70.71	0.00	0.00098	77.78	-7.07	0.00090
84.85	-14.14	0.00082	91.92	-21.21	0.00074
98.99	-28.28	0.00066	106.07	-35.36	0.00058
-28.28	113.14	0.00041	-21.21	106.07	0.00048
-14.14	98.99	0.00057	-7.07	91.92	0.00068
0.00	84.85	0.00081	7.07	77.78	0.00097
14.14	70.71	0.00115	21.21	63.64	0.00131
24.75	60.10	0.00136	28.28	56.57	0.00139
30.41	54.45	0.00140	31.82	53.03	0.00140
33.23	51.62	0.00140	34.65	50.20	0.00139
36.06	48.79	0.00139	48.79	36.06	0.00134
50.20	34.65	0.00134	51.62	33.23	0.00133
53.03	31.82	0.00133	54.45	30.41	0.00132
56.57	28.28	0.00131	60.10	24.75	0.00129
63.64	21.21	0.00126	70.71	14.14	0.00119
77.78	7.07	0.00109	84.85	0.00	0.00099
91.92	-7.07	0.00088	98.99	-14.14	0.00078

106.07 -21.21 0.00069 113.14 -28.28 0.00060

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

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*** Maximum train overlap at NE/SW Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00042	-14.14	113.14	0.00049
-7.07	106.07	0.00058	0.00	98.99	0.00070
7.07	91.92	0.00085	14.14	84.85	0.00103
21.21	77.78	0.00125	28.28	70.71	0.00146
31.82	67.18	0.00155	35.36	63.64	0.00160
37.48	61.52	0.00162	38.89	60.10	0.00162
40.31	58.69	0.00163	41.72	57.28	0.00162
43.13	55.86	0.00162	55.86	43.13	0.00156
57.28	41.72	0.00155	58.69	40.31	0.00155
60.10	38.89	0.00154	61.52	37.48	0.00153
63.64	35.36	0.00152	67.18	31.82	0.00149
70.71	28.28	0.00144	77.78	21.21	0.00134
84.85	14.14	0.00121	91.92	7.07	0.00108
98.99	0.00	0.00095	106.07	-7.07	0.00082
113.14	-14.14	0.00071	120.21	-21.21	0.00062
-14.14	127.28	0.00042	-7.07	120.21	0.00050
0.00	113.14	0.00059	7.07	106.07	0.00072
14.14	98.99	0.00088	21.21	91.92	0.00108
28.28	84.85	0.00134	35.36	77.78	0.00162
38.89	74.25	0.00175	42.43	70.71	0.00185
44.55	68.59	0.00188	45.96	67.18	0.00190
47.38	65.76	0.00191	48.79	64.35	0.00191
50.20	62.93	0.00190	62.93	50.20	0.00183
64.35	48.79	0.00182	65.76	47.38	0.00181
67.18	45.96	0.00180	68.59	44.55	0.00179
70.71	42.43	0.00177	74.25	38.89	0.00172
77.78	35.36	0.00166	84.85	28.28	0.00151
91.92	21.21	0.00134	98.99	14.14	0.00116
106.07	7.07	0.00100	113.14	0.00	0.00086
120.21	-7.07	0.00073	127.28	-14.14	0.00062
-7.07	134.35	0.00043	0.00	127.28	0.00050
7.07	120.21	0.00060	14.14	113.14	0.00073
21.21	106.07	0.00090	28.28	98.99	0.00113

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

35.36	91.92	0.00142	42.43	84.85	0.00178
45.96	81.32	0.00196	49.50	77.78	0.00212
51.62	75.66	0.00219	53.03	74.25	0.00223
54.45	72.83	0.00225	55.86	71.42	0.00226
57.28	70.00	0.00226	70.00	57.28	0.00216
71.42	55.86	0.00215	72.83	54.45	0.00214
74.25	53.03	0.00212	75.66	51.62	0.00210

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00207	81.32	45.96	0.00200
84.85	42.43	0.00191	91.92	35.36	0.00169
98.99	28.28	0.00146	106.07	21.21	0.00124
113.14	14.14	0.00104	120.21	7.07	0.00088
127.28	0.00	0.00074	134.35	-7.07	0.00062
0.00	141.42	0.00043	7.07	134.35	0.00051
14.14	127.28	0.00061	21.21	120.21	0.00074
28.28	113.14	0.00092	35.36	106.07	0.00116
42.43	98.99	0.00149	49.50	91.92	0.00191
53.03	88.39	0.00215	56.57	84.85	0.00240
58.69	82.73	0.00252	60.10	81.32	0.00259
61.52	79.90	0.00265	62.93	78.49	0.00268
64.35	77.07	0.00270	77.07	64.35	0.00258
78.49	62.93	0.00256	79.90	61.52	0.00254
81.32	60.10	0.00252	82.73	58.69	0.00249
84.85	56.57	0.00243	88.39	53.03	0.00232
91.92	49.50	0.00218	98.99	42.43	0.00187
106.07	35.36	0.00156	113.14	28.28	0.00129
120.21	21.21	0.00107	127.28	14.14	0.00088
134.35	7.07	0.00073	141.42	0.00	0.00060
7.07	148.49	0.00044	14.14	141.42	0.00051
21.21	134.35	0.00061	28.28	127.28	0.00075
35.36	120.21	0.00093	42.43	113.14	0.00118
49.50	106.07	0.00153	56.57	98.99	0.00202
60.10	95.46	0.00231	63.64	91.92	0.00264
65.76	89.80	0.00283	67.18	88.39	0.00296
68.59	86.97	0.00307	70.00	85.56	0.00315

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

71.42	84.15	0.00322	84.15	71.42	0.00310
85.56	70.00	0.00307	86.97	68.59	0.00304
88.39	67.18	0.00299	89.80	65.76	0.00294
91.92	63.64	0.00284	95.46	60.10	0.00265
98.99	56.57	0.00244	106.07	49.50	0.00201
113.14	42.43	0.00163	120.21	35.36	0.00131
127.28	28.28	0.00106	134.35	21.21	0.00086
141.42	14.14	0.00070	148.49	7.07	0.00058
14.14	155.56	0.00044	21.21	148.49	0.00052
28.28	141.42	0.00062	35.36	134.35	0.00076
42.43	127.28	0.00094	49.50	120.21	0.00119
56.57	113.14	0.00155	63.64	106.07	0.00207
67.18	102.53	0.00241	70.71	98.99	0.00280

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00307	74.25	95.46	0.00325
75.66	94.05	0.00343	77.07	92.63	0.00361
78.49	91.22	0.00376	91.22	78.49	0.00377
92.63	77.07	0.00371	94.05	75.66	0.00363
95.46	74.25	0.00353	96.87	72.83	0.00342
98.99	70.71	0.00325	102.53	67.18	0.00294
106.07	63.64	0.00263	113.14	56.57	0.00208
120.21	49.50	0.00163	127.28	42.43	0.00129
134.35	35.36	0.00103	141.42	28.28	0.00083
148.49	21.21	0.00067	155.56	14.14	0.00055
21.21	162.63	0.00045	28.28	155.56	0.00053
35.36	148.49	0.00063	42.43	141.42	0.00077
49.50	134.35	0.00095	56.57	127.28	0.00120
63.64	120.21	0.00157	70.71	113.14	0.00210
74.25	109.60	0.00246	77.78	106.07	0.00289
79.90	103.94	0.00319	81.32	102.53	0.00341
82.73	101.12	0.00365	84.15	99.70	0.00392
85.56	98.29	0.00422	98.29	85.56	0.00453
99.70	84.15	0.00432	101.12	82.73	0.00411
102.53	81.32	0.00391	103.94	79.90	0.00372
106.07	77.78	0.00345	109.60	74.25	0.00304

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

113.14	70.71	0.00267	120.21	63.64	0.00206
127.28	56.57	0.00160	134.35	49.50	0.00125
141.42	42.43	0.00098	148.49	35.36	0.00078
155.56	28.28	0.00063	162.63	21.21	0.00051
28.28	169.71	0.00046	35.36	162.63	0.00054
42.43	155.56	0.00064	49.50	148.49	0.00078
56.57	141.42	0.00096	63.64	134.35	0.00122
70.71	127.28	0.00159	77.78	120.21	0.00215
81.32	116.67	0.00253	84.85	113.14	0.00302
86.97	111.02	0.00338	88.39	109.60	0.00366
89.80	108.19	0.00398	91.22	106.77	0.00440
92.63	105.36	0.00497	105.36	92.63	0.00478
106.77	91.22	0.00447	108.19	89.80	0.00421
109.60	88.39	0.00398	111.02	86.97	0.00377
113.14	84.85	0.00347	116.67	81.32	0.00302
120.21	77.78	0.00263	127.28	70.71	0.00201
134.35	63.64	0.00154	141.42	56.57	0.00119
148.49	49.50	0.00093	155.56	42.43	0.00073
162.63	35.36	0.00059	169.71	28.28	0.00048

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00047	42.43	169.71	0.00055
49.50	162.63	0.00066	56.57	155.56	0.00081
63.64	148.49	0.00101	70.71	141.42	0.00129
77.78	134.35	0.00172	84.85	127.28	0.00248
88.39	123.74	0.00308	91.92	120.21	0.00394
94.05	118.09	0.00462	95.46	116.67	0.00513
96.87	115.26	0.00570	98.29	113.84	0.00634
99.70	112.43	0.00705	112.43	99.70	0.00489
113.84	98.29	0.00452	115.26	96.87	0.00422
116.67	95.46	0.00395	118.09	94.05	0.00372
120.21	91.92	0.00340	123.74	88.39	0.00293
127.28	84.85	0.00253	134.35	77.78	0.00190
141.42	70.71	0.00144	148.49	63.64	0.00110
155.56	56.57	0.00086	162.63	49.50	0.00068
169.71	42.43	0.00054	176.78	35.36	0.00044

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

42.43	183.85	0.00050	49.50	176.78	0.00059
56.57	169.71	0.00071	63.64	162.63	0.00088
70.71	155.56	0.00113	77.78	148.49	0.00151
84.85	141.42	0.00214	91.92	134.35	0.00325
95.46	130.81	0.00407	98.99	127.28	0.00509
101.12	125.16	0.00580	102.53	123.74	0.00631
103.94	122.33	0.00685	105.36	120.92	0.00741
106.77	119.50	0.00803	119.50	106.77	0.00495
120.92	105.36	0.00453	122.33	103.94	0.00420
123.74	102.53	0.00391	125.16	101.12	0.00364
127.28	98.99	0.00329	130.81	95.46	0.00279
134.35	91.92	0.00238	141.42	84.85	0.00176
148.49	77.78	0.00131	155.56	70.71	0.00100
162.63	63.64	0.00077	169.71	56.57	0.00061
176.78	49.50	0.00049	183.85	42.43	0.00040
49.50	190.92	0.00054	56.57	183.85	0.00065
63.64	176.78	0.00081	70.71	169.71	0.00103
77.78	162.63	0.00137	84.85	155.56	0.00189
91.92	148.49	0.00270	98.99	141.42	0.00394
102.53	137.89	0.00475	106.07	134.35	0.00572
108.19	132.23	0.00637	109.60	130.81	0.00684
111.02	129.40	0.00733	112.43	127.99	0.00784
113.84	126.57	0.00840	126.57	113.84	0.00489
127.99	112.43	0.00445	129.40	111.02	0.00409
130.81	109.60	0.00378	132.23	108.19	0.00350

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00313	137.89	102.53	0.00262
141.42	98.99	0.00220	148.49	91.92	0.00158
155.56	84.85	0.00116	162.63	77.78	0.00088
169.71	70.71	0.00068	176.78	63.64	0.00054
183.85	56.57	0.00044	190.92	49.50	0.00036
56.57	197.99	0.00061	63.64	190.92	0.00076
70.71	183.85	0.00096	77.78	176.78	0.00125
84.85	169.71	0.00167	91.92	162.63	0.00230
98.99	155.56	0.00317	106.07	148.49	0.00436

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

109.60	144.96	0.00511	113.14	141.42	0.00598
115.26	139.30	0.00656	116.67	137.89	0.00698
118.09	136.47	0.00743	119.50	135.06	0.00791
120.92	133.64	0.00843	133.64	120.92	0.00470
135.06	119.50	0.00424	136.47	118.09	0.00386
137.89	116.67	0.00354	139.30	115.26	0.00326
141.42	113.14	0.00289	144.96	109.60	0.00237
148.49	106.07	0.00197	155.56	98.99	0.00138
162.63	91.92	0.00101	169.71	84.85	0.00076
176.78	77.78	0.00060	183.85	70.71	0.00048
190.92	63.64	0.00040	197.99	56.57	0.00033
63.64	205.06	0.00071	70.71	197.99	0.00090
77.78	190.92	0.00115	84.85	183.85	0.00150
91.92	176.78	0.00199	98.99	169.71	0.00264
106.07	162.63	0.00350	113.14	155.56	0.00460
116.67	152.03	0.00527	120.21	148.49	0.00602
122.33	146.37	0.00653	123.74	144.96	0.00690
125.16	143.54	0.00730	126.57	142.13	0.00774
127.99	140.71	0.00823	140.71	127.99	0.00437
142.13	126.57	0.00390	143.54	125.16	0.00352
144.96	123.74	0.00319	146.37	122.33	0.00291
148.49	120.21	0.00255	152.03	116.67	0.00206
155.56	113.14	0.00169	162.63	106.07	0.00118
169.71	98.99	0.00086	176.78	91.92	0.00066
183.85	84.85	0.00052	190.92	77.78	0.00043
197.99	70.71	0.00036	205.06	63.64	0.00030
70.71	212.13	0.00084	77.78	205.06	0.00105
84.85	197.99	0.00135	91.92	190.92	0.00174
98.99	183.85	0.00224	106.07	176.78	0.00289
113.14	169.71	0.00371	120.21	162.63	0.00473
123.74	159.10	0.00531	127.28	155.56	0.00597

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00639	130.81	152.03	0.00670
132.23	150.61	0.00703	133.64	149.20	0.00740
135.06	147.79	0.00784	147.79	135.06	0.00388

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

149.20	133.64	0.00341	150.61	132.23	0.00303
152.03	130.81	0.00272	153.44	129.40	0.00245
155.56	127.28	0.00212	159.10	123.74	0.00169
162.63	120.21	0.00139	169.71	113.14	0.00098
176.78	106.07	0.00074	183.85	98.99	0.00058
190.92	91.92	0.00047	197.99	84.85	0.00039
205.06	77.78	0.00033	212.13	70.71	0.00028
77.78	219.20	0.00096	84.85	212.13	0.00121
91.92	205.06	0.00152	98.99	197.99	0.00193
106.07	190.92	0.00243	113.14	183.85	0.00307
120.21	176.78	0.00385	127.28	169.71	0.00479
130.81	166.17	0.00532	134.35	162.63	0.00589
136.47	160.51	0.00623	137.89	159.10	0.00647
139.30	157.68	0.00672	140.71	156.27	0.00700
142.13	154.86	0.00734	154.86	142.13	0.00320
156.27	140.71	0.00275	157.68	139.30	0.00241
159.10	137.89	0.00214	160.51	136.47	0.00193
162.63	134.35	0.00166	166.17	130.81	0.00135
169.71	127.28	0.00113	176.78	120.21	0.00085
183.85	113.14	0.00066	190.92	106.07	0.00053
197.99	98.99	0.00043	205.06	91.92	0.00036
212.13	84.85	0.00030	219.20	77.78	0.00026
84.85	226.27	0.00109	91.92	219.20	0.00135
98.99	212.13	0.00167	106.07	205.06	0.00207
113.14	197.99	0.00256	120.21	190.92	0.00317
127.28	183.85	0.00392	134.35	176.78	0.00480
137.89	173.24	0.00530	141.42	169.71	0.00580
143.54	167.58	0.00609	144.96	166.17	0.00629
146.37	164.76	0.00648	147.79	163.34	0.00669
149.20	161.93	0.00689	161.93	149.20	0.00238
163.34	147.79	0.00207	164.76	146.37	0.00185
166.17	144.96	0.00168	167.58	143.54	0.00154
169.71	141.42	0.00137	173.24	137.89	0.00115
176.78	134.35	0.00099	183.85	127.28	0.00076
190.92	120.21	0.00060	197.99	113.14	0.00048
205.06	106.07	0.00040	212.13	98.99	0.00033
219.20	91.92	0.00028	226.27	84.85	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07

**MODELOPTs:
 PAGE 41

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	**
91.92	233.35	0.00120	98.99	226.27	0.00146	
106.07	219.20	0.00178	113.14	212.13	0.00217	
120.21	205.06	0.00265	127.28	197.99	0.00323	
134.35	190.92	0.00392	141.42	183.85	0.00474	
144.96	180.31	0.00518	148.49	176.78	0.00560	
150.61	174.66	0.00584	152.03	173.24	0.00597	
153.44	171.83	0.00608	154.86	170.41	0.00612	
156.27	169.00	0.00606	169.00	156.27	0.00202	
170.41	154.86	0.00181	171.83	153.44	0.00163	
173.24	152.03	0.00149	174.66	150.61	0.00137	
176.78	148.49	0.00123	180.31	144.96	0.00104	
183.85	141.42	0.00089	190.92	134.35	0.00069	
197.99	127.28	0.00055	205.06	120.21	0.00044	
212.13	113.14	0.00036	219.20	106.07	0.00030	
226.27	98.99	0.00026	233.35	91.92	0.00022	
98.99	240.42	0.00129	106.07	233.35	0.00154	
113.14	226.27	0.00185	120.21	219.20	0.00222	
127.28	212.13	0.00266	134.35	205.06	0.00318	
141.42	197.99	0.00377	148.49	190.92	0.00433	
152.03	187.38	0.00452	155.56	183.85	0.00455	
157.68	181.73	0.00447	159.10	180.31	0.00436	
160.51	178.90	0.00421	161.93	177.48	0.00403	
163.34	176.07	0.00381	176.07	163.34	0.00174	
177.48	161.93	0.00159	178.90	160.51	0.00146	
180.31	159.10	0.00135	181.73	157.68	0.00125	
183.85	155.56	0.00112	187.38	152.03	0.00096	
190.92	148.49	0.00082	197.99	141.42	0.00064	
205.06	134.35	0.00051	212.13	127.28	0.00041	
219.20	120.21	0.00034	226.27	113.14	0.00028	
233.35	106.07	0.00024	240.42	98.99	0.00021	
106.07	247.49	0.00135	113.14	240.42	0.00159	
120.21	233.35	0.00187	127.28	226.27	0.00220	
134.35	219.20	0.00257	141.42	212.13	0.00296	
148.49	205.06	0.00330	155.56	197.99	0.00343	
159.10	194.45	0.00337	162.63	190.92	0.00321	
164.76	188.80	0.00307	166.17	187.38	0.00297	
167.58	185.97	0.00285	169.00	184.55	0.00273	
170.41	183.14	0.00261	183.14	170.41	0.00145	
184.55	169.00	0.00134	185.97	167.58	0.00125	
187.38	166.17	0.00117	188.80	164.76	0.00109	

04/20/08

*** Maximum train overlap at NE/SW Bound Direction

18:23:07

**MODELOPTs:
PAGE 42

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00100	194.45	159.10	0.00087
197.99	155.56	0.00076	205.06	148.49	0.00059
212.13	141.42	0.00047	219.20	134.35	0.00039
226.27	127.28	0.00032	233.35	120.21	0.00027
240.42	113.14	0.00023	247.49	106.07	0.00020

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00019	-240.42	-113.14	0.00020
-233.35	-120.21	0.00020	-226.27	-127.28	0.00021
-219.20	-134.35	0.00021	-212.13	-141.42	0.00021
-205.06	-148.49	0.00021	-197.99	-155.56	0.00021
-194.45	-159.10	0.00021	-190.92	-162.63	0.00021
-188.80	-164.76	0.00021	-187.38	-166.17	0.00021
-185.97	-167.58	0.00021	-184.55	-169.00	0.00020
-183.14	-170.41	0.00020	-170.41	-183.14	0.00020
-169.00	-184.55	0.00020	-167.58	-185.97	0.00020
-166.17	-187.38	0.00020	-164.76	-188.80	0.00020
-162.63	-190.92	0.00020	-159.10	-194.45	0.00020
-155.56	-197.99	0.00020	-148.49	-205.06	0.00020
-141.42	-212.13	0.00020	-134.35	-219.20	0.00020
-127.28	-226.27	0.00019	-120.21	-233.35	0.00019
-113.14	-240.42	0.00019	-106.07	-247.49	0.00019
-240.42	-98.99	0.00020	-233.35	-106.07	0.00021
-226.27	-113.14	0.00021	-219.20	-120.21	0.00022
-212.13	-127.28	0.00022	-205.06	-134.35	0.00022
-197.99	-141.42	0.00022	-190.92	-148.49	0.00022
-187.38	-152.03	0.00022	-183.85	-155.56	0.00022

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-181.73	-157.68	0.00022	-180.31	-159.10	0.00022
-178.90	-160.51	0.00022	-177.48	-161.93	0.00022
-176.07	-163.34	0.00022	-163.34	-176.07	0.00021
-161.93	-177.48	0.00021	-160.51	-178.90	0.00021
-159.10	-180.31	0.00021	-157.68	-181.73	0.00021
-155.56	-183.85	0.00021	-152.03	-187.38	0.00021
-148.49	-190.92	0.00021	-141.42	-197.99	0.00021
-134.35	-205.06	0.00021	-127.28	-212.13	0.00021
-120.21	-219.20	0.00020	-113.14	-226.27	0.00020
-106.07	-233.35	0.00020	-98.99	-240.42	0.00019
-233.35	-91.92	0.00021	-226.27	-99.00	0.00022
-219.20	-106.07	0.00023	-212.13	-113.14	0.00023
-205.06	-120.21	0.00023	-197.99	-127.28	0.00023
-190.92	-134.35	0.00023	-183.85	-141.42	0.00023
-180.31	-144.96	0.00023	-176.78	-148.49	0.00023
-174.66	-150.61	0.00023	-173.24	-152.03	0.00023
-171.83	-153.44	0.00023	-170.41	-154.86	0.00023
-169.00	-156.27	0.00023	-156.27	-169.00	0.00023
-154.86	-170.41	0.00023	-153.44	-171.83	0.00023
-152.03	-173.24	0.00023	-150.61	-174.66	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00022	-144.96	-180.31	0.00022
-141.42	-183.85	0.00022	-134.35	-190.92	0.00022
-127.28	-197.99	0.00022	-120.21	-205.06	0.00022
-113.14	-212.13	0.00022	-106.07	-219.20	0.00021
-98.99	-226.27	0.00021	-91.92	-233.35	0.00020
-226.27	-84.85	0.00022	-219.20	-91.92	0.00023
-212.13	-99.00	0.00024	-205.06	-106.07	0.00024
-197.99	-113.14	0.00025	-190.92	-120.21	0.00025
-183.85	-127.28	0.00025	-176.78	-134.35	0.00025
-173.24	-137.89	0.00025	-169.71	-141.42	0.00024
-167.58	-143.54	0.00024	-166.17	-144.96	0.00024
-164.76	-146.37	0.00024	-163.34	-147.79	0.00024
-161.93	-149.20	0.00024	-149.20	-161.93	0.00024
-147.79	-163.34	0.00024	-146.37	-164.76	0.00024

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-144.96	-166.17	0.00024	-143.54	-167.58	0.00024
-141.42	-169.71	0.00024	-137.89	-173.24	0.00024
-134.35	-176.78	0.00024	-127.28	-183.85	0.00023
-120.21	-190.92	0.00023	-113.14	-197.99	0.00023
-106.07	-205.06	0.00023	-98.99	-212.13	0.00022
-91.92	-219.20	0.00022	-84.85	-226.27	0.00022
-219.20	-77.78	0.00023	-212.13	-84.85	0.00024
-205.06	-91.92	0.00025	-197.99	-99.00	0.00026
-190.92	-106.07	0.00026	-183.85	-113.14	0.00026
-176.78	-120.21	0.00026	-169.71	-127.28	0.00026
-166.17	-130.81	0.00026	-162.63	-134.35	0.00026
-160.51	-136.47	0.00026	-159.10	-137.89	0.00026
-157.68	-139.30	0.00026	-156.27	-140.71	0.00026
-154.86	-142.13	0.00026	-142.13	-154.86	0.00025
-140.71	-156.27	0.00025	-139.30	-157.68	0.00025
-137.89	-159.10	0.00025	-136.47	-160.51	0.00025
-134.35	-162.63	0.00025	-130.81	-166.17	0.00025
-127.28	-169.71	0.00025	-120.21	-176.78	0.00025
-113.14	-183.85	0.00025	-106.07	-190.92	0.00024
-98.99	-197.99	0.00024	-91.92	-205.06	0.00024
-84.85	-212.13	0.00023	-77.78	-219.20	0.00023
-212.13	-70.71	0.00024	-205.06	-77.78	0.00025
-197.99	-84.85	0.00026	-190.92	-91.92	0.00027
-183.85	-98.99	0.00028	-176.78	-106.07	0.00028
-169.71	-113.14	0.00028	-162.63	-120.21	0.00028
-159.10	-123.74	0.00028	-155.56	-127.28	0.00028

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00028	-152.03	-130.81	0.00028
-150.61	-132.23	0.00028	-149.20	-133.64	0.00027
-147.79	-135.06	0.00027	-135.06	-147.79	0.00027
-133.64	-149.20	0.00027	-132.23	-150.61	0.00027
-130.81	-152.03	0.00027	-129.40	-153.44	0.00027
-127.28	-155.56	0.00027	-123.74	-159.10	0.00027
-120.21	-162.63	0.00027	-113.14	-169.71	0.00026
-106.07	-176.78	0.00026	-98.99	-183.85	0.00026

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-91.92	-190.92	0.00026	-84.85	-197.99	0.00025
-77.78	-205.06	0.00025	-70.71	-212.13	0.00024
-205.06	-63.64	0.00025	-197.99	-70.71	0.00027
-190.92	-77.78	0.00028	-183.85	-84.85	0.00029
-176.78	-91.92	0.00029	-169.71	-98.99	0.00030
-162.63	-106.07	0.00030	-155.56	-113.14	0.00030
-152.03	-116.67	0.00030	-148.49	-120.21	0.00030
-146.37	-122.33	0.00029	-144.96	-123.74	0.00029
-143.54	-125.16	0.00029	-142.13	-126.57	0.00029
-140.71	-127.99	0.00029	-127.99	-140.71	0.00029
-126.57	-142.13	0.00029	-125.16	-143.54	0.00029
-123.74	-144.96	0.00029	-122.33	-146.37	0.00029
-120.21	-148.49	0.00029	-116.67	-152.03	0.00029
-113.14	-155.56	0.00028	-106.07	-162.63	0.00028
-98.99	-169.71	0.00028	-91.92	-176.78	0.00028
-84.85	-183.85	0.00027	-77.78	-190.92	0.00027
-70.71	-197.99	0.00026	-63.64	-205.06	0.00025
-197.99	-56.57	0.00026	-190.92	-63.64	0.00028
-183.85	-70.71	0.00029	-176.78	-77.78	0.00030
-169.71	-84.85	0.00031	-162.63	-91.92	0.00032
-155.56	-98.99	0.00032	-148.49	-106.07	0.00032
-144.96	-109.60	0.00032	-141.42	-113.14	0.00032
-139.30	-115.26	0.00032	-137.89	-116.67	0.00031
-136.47	-118.09	0.00031	-135.06	-119.50	0.00031
-133.64	-120.92	0.00031	-120.92	-133.64	0.00031
-119.50	-135.06	0.00031	-118.09	-136.47	0.00031
-116.67	-137.89	0.00031	-115.26	-139.30	0.00031
-113.14	-141.42	0.00031	-109.60	-144.96	0.00030
-106.07	-148.49	0.00030	-98.99	-155.56	0.00030
-91.92	-162.63	0.00030	-84.85	-169.71	0.00029
-77.78	-176.78	0.00029	-70.71	-183.85	0.00028
-63.64	-190.92	0.00027	-56.57	-197.99	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTS:
 PAGE 46
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00027	-183.85	-56.57	0.00029
-176.78	-63.64	0.00031	-169.71	-70.71	0.00032

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-162.63	-77.78	0.00033	-155.56	-84.85	0.00034
-148.49	-91.92	0.00034	-141.42	-98.99	0.00034
-137.89	-102.53	0.00034	-134.35	-106.07	0.00034
-132.23	-108.19	0.00034	-130.81	-109.60	0.00034
-129.40	-111.02	0.00034	-127.99	-112.43	0.00034
-126.57	-113.84	0.00034	-113.84	-126.57	0.00033
-112.43	-127.99	0.00033	-111.02	-129.40	0.00033
-109.60	-130.81	0.00033	-108.19	-132.23	0.00033
-106.07	-134.35	0.00033	-102.53	-137.89	0.00033
-98.99	-141.42	0.00032	-91.92	-148.49	0.00032
-84.85	-155.56	0.00032	-77.78	-162.63	0.00031
-70.71	-169.71	0.00031	-63.64	-176.78	0.00030
-56.57	-183.85	0.00029	-49.50	-190.92	0.00028
-183.85	-42.43	0.00028	-176.78	-49.50	0.00030
-169.71	-56.57	0.00033	-162.63	-63.64	0.00034
-155.56	-70.71	0.00036	-148.49	-77.78	0.00036
-141.42	-84.85	0.00037	-134.35	-91.92	0.00037
-130.81	-95.46	0.00037	-127.28	-98.99	0.00036
-125.16	-101.12	0.00036	-123.74	-102.53	0.00036
-122.33	-103.94	0.00036	-120.92	-105.36	0.00036
-119.50	-106.77	0.00036	-106.77	-119.50	0.00036
-105.36	-120.92	0.00035	-103.94	-122.33	0.00035
-102.53	-123.74	0.00035	-101.12	-125.16	0.00035
-98.99	-127.28	0.00035	-95.46	-130.81	0.00035
-91.92	-134.35	0.00035	-84.85	-141.42	0.00034
-77.78	-148.49	0.00034	-70.71	-155.56	0.00034
-63.64	-162.63	0.00033	-56.57	-169.71	0.00032
-49.50	-176.78	0.00031	-42.43	-183.85	0.00030
-176.78	-35.36	0.00029	-169.71	-42.43	0.00032
-162.63	-49.50	0.00034	-155.56	-56.57	0.00036
-148.49	-63.64	0.00038	-141.42	-70.71	0.00039
-134.35	-77.78	0.00040	-127.28	-84.85	0.00040
-123.74	-88.39	0.00039	-120.21	-91.92	0.00039
-118.09	-94.05	0.00039	-116.67	-95.46	0.00039
-115.26	-96.87	0.00039	-113.84	-98.29	0.00039
-112.43	-99.70	0.00039	-99.70	-112.43	0.00038
-98.29	-113.84	0.00038	-96.87	-115.26	0.00038
-95.46	-116.67	0.00038	-94.05	-118.09	0.00038

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00038	-88.39	-123.74	0.00038
-84.85	-127.28	0.00038	-77.78	-134.35	0.00037
-70.71	-141.42	0.00037	-63.64	-148.49	0.00036
-56.57	-155.56	0.00035	-49.50	-162.63	0.00034
-42.43	-169.71	0.00033	-35.36	-176.78	0.00032
-169.71	-28.28	0.00030	-162.63	-35.36	0.00033
-155.56	-42.43	0.00036	-148.49	-49.50	0.00039
-141.42	-56.57	0.00041	-134.35	-63.64	0.00042
-127.28	-70.71	0.00043	-120.21	-77.78	0.00043
-116.67	-81.32	0.00043	-113.14	-84.85	0.00043
-111.02	-86.97	0.00042	-109.60	-88.39	0.00042
-108.19	-89.80	0.00042	-106.77	-91.22	0.00042
-105.36	-92.63	0.00042	-92.63	-105.36	0.00041
-91.22	-106.77	0.00041	-89.80	-108.19	0.00041
-88.39	-109.60	0.00041	-86.97	-111.02	0.00041
-84.85	-113.14	0.00041	-81.32	-116.67	0.00041
-77.78	-120.21	0.00041	-70.71	-127.28	0.00040
-63.64	-134.35	0.00039	-56.57	-141.42	0.00039
-49.50	-148.49	0.00038	-42.43	-155.56	0.00036
-35.36	-162.63	0.00035	-28.28	-169.71	0.00033
-162.63	-21.21	0.00031	-155.56	-28.28	0.00035
-148.49	-35.36	0.00038	-141.42	-42.43	0.00041
-134.35	-49.50	0.00044	-127.28	-56.57	0.00045
-120.21	-63.64	0.00046	-113.14	-70.71	0.00046
-109.60	-74.25	0.00046	-106.07	-77.78	0.00046
-103.94	-79.90	0.00046	-102.53	-81.32	0.00046
-101.12	-82.73	0.00046	-99.70	-84.15	0.00046
-98.29	-85.56	0.00046	-85.56	-98.29	0.00045
-84.15	-99.70	0.00045	-82.73	-101.12	0.00045
-81.32	-102.53	0.00045	-79.90	-103.94	0.00045
-77.78	-106.07	0.00044	-74.25	-109.60	0.00044
-70.71	-113.14	0.00044	-63.64	-120.21	0.00043
-56.57	-127.28	0.00043	-49.50	-134.35	0.00042
-42.43	-141.42	0.00040	-35.36	-148.49	0.00039
-28.28	-155.56	0.00037	-21.21	-162.63	0.00035
-155.56	-14.14	0.00033	-148.49	-21.21	0.00036
-141.42	-28.28	0.00040	-134.35	-35.36	0.00044
-127.28	-42.43	0.00047	-120.21	-49.50	0.00049
-113.14	-56.57	0.00050	-106.07	-63.64	0.00051
-102.53	-67.18	0.00051	-98.99	-70.71	0.00050

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

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**MODELOPTs:

PAGE 48

*** Maximum train overlap at NE/SW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00050	-95.46	-74.25	0.00050
-94.05	-75.66	0.00050	-92.63	-77.07	0.00050
-91.22	-78.49	0.00050	-78.49	-91.22	0.00049
-77.07	-92.63	0.00049	-75.66	-94.05	0.00049
-74.25	-95.46	0.00049	-72.83	-96.87	0.00049
-70.71	-98.99	0.00048	-67.18	-102.53	0.00048
-63.64	-106.07	0.00048	-56.57	-113.14	0.00047
-49.50	-120.21	0.00046	-42.43	-127.28	0.00045
-35.36	-134.35	0.00044	-28.28	-141.42	0.00042
-21.21	-148.49	0.00040	-14.14	-155.56	0.00038
-148.49	-7.07	0.00034	-141.42	-14.14	0.00038
-134.35	-21.21	0.00042	-127.28	-28.28	0.00046
-120.21	-35.36	0.00050	-113.14	-42.43	0.00053
-106.07	-49.50	0.00055	-98.99	-56.57	0.00055
-95.46	-60.10	0.00055	-91.92	-63.64	0.00055
-89.80	-65.76	0.00055	-88.39	-67.18	0.00055
-86.97	-68.59	0.00055	-85.56	-70.00	0.00055
-84.15	-71.42	0.00055	-71.42	-84.15	0.00053
-70.00	-85.56	0.00053	-68.59	-86.97	0.00053
-67.18	-88.39	0.00053	-65.76	-89.80	0.00053
-63.64	-91.92	0.00053	-60.10	-95.46	0.00053
-56.57	-98.99	0.00052	-49.50	-106.07	0.00051
-42.43	-113.14	0.00050	-35.36	-120.21	0.00049
-28.28	-127.28	0.00047	-21.21	-134.35	0.00045
-14.14	-141.42	0.00042	-7.07	-148.49	0.00040
-141.42	0.00	0.00035	-134.35	-7.07	0.00039
-127.28	-14.14	0.00044	-120.21	-21.21	0.00049
-113.14	-28.28	0.00054	-106.07	-35.36	0.00057
-98.99	-42.43	0.00060	-91.92	-49.50	0.00061
-88.39	-53.03	0.00061	-84.85	-56.57	0.00061
-82.73	-58.69	0.00061	-81.32	-60.10	0.00060
-79.90	-61.52	0.00060	-78.49	-62.93	0.00060
-77.07	-64.35	0.00060	-64.35	-77.07	0.00059
-62.93	-78.49	0.00059	-61.52	-79.90	0.00058

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-60.10	-81.32	0.00058	-58.69	-82.73	0.00058
-56.57	-84.85	0.00058	-53.03	-88.39	0.00058
-49.50	-91.92	0.00057	-42.43	-98.99	0.00056
-35.36	-106.07	0.00055	-28.28	-113.14	0.00053
-21.21	-120.21	0.00051	-14.14	-127.28	0.00048
-7.07	-134.35	0.00045	0.00	-141.42	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00036	-127.28	0.00	0.00041
-120.21	-7.07	0.00046	-113.14	-14.14	0.00052
-106.07	-21.21	0.00057	-98.99	-28.28	0.00062
-91.92	-35.36	0.00066	-84.85	-42.43	0.00067
-81.32	-45.96	0.00067	-77.78	-49.50	0.00067
-75.66	-51.62	0.00067	-74.25	-53.03	0.00067
-72.83	-54.45	0.00067	-71.42	-55.86	0.00067
-70.00	-57.28	0.00066	-57.28	-70.00	0.00065
-55.86	-71.42	0.00065	-54.45	-72.83	0.00065
-53.03	-74.25	0.00064	-51.62	-75.66	0.00064
-49.50	-77.78	0.00064	-45.96	-81.32	0.00064
-42.43	-84.85	0.00063	-35.36	-91.92	0.00062
-28.28	-98.99	0.00060	-21.21	-106.07	0.00058
-14.14	-113.14	0.00055	-7.07	-120.21	0.00052
0.00	-127.28	0.00048	7.07	-134.35	0.00045
-127.28	14.14	0.00037	-120.21	7.07	0.00042
-113.14	0.00	0.00048	-106.07	-7.07	0.00055
-98.99	-14.14	0.00061	-91.92	-21.21	0.00068
-84.85	-28.28	0.00072	-77.78	-35.36	0.00074
-74.25	-38.89	0.00075	-70.71	-42.43	0.00075
-68.59	-44.55	0.00074	-67.18	-45.96	0.00074
-65.76	-47.38	0.00074	-64.35	-48.79	0.00074
-62.93	-50.20	0.00074	-50.20	-62.93	0.00072
-48.79	-64.35	0.00072	-47.38	-65.76	0.00072
-45.96	-67.18	0.00071	-44.55	-68.59	0.00071
-42.43	-70.71	0.00071	-38.89	-74.25	0.00070
-35.36	-77.78	0.00070	-28.28	-84.85	0.00068
-21.21	-91.92	0.00066	-14.14	-98.99	0.00063

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-7.07	-106.07	0.00059	0.00	-113.14	0.00056
7.07	-120.21	0.00052	14.14	-127.28	0.00048
-120.21	21.21	0.00038	-113.14	14.14	0.00043
-106.07	7.07	0.00050	-98.99	0.00	0.00057
-91.92	-7.07	0.00065	-84.85	-14.14	0.00073
-77.78	-21.21	0.00079	-70.71	-28.28	0.00083
-67.18	-31.82	0.00083	-63.64	-35.36	0.00083
-61.52	-37.48	0.00083	-60.10	-38.89	0.00083
-58.69	-40.31	0.00083	-57.28	-41.72	0.00083
-55.86	-43.13	0.00082	-43.13	-55.86	0.00080
-41.72	-57.28	0.00080	-40.31	-58.69	0.00080
-38.89	-60.10	0.00080	-37.48	-61.52	0.00079

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00079	-31.82	-67.18	0.00078
-28.28	-70.71	0.00078	-21.21	-77.78	0.00076
-14.14	-84.85	0.00073	-7.07	-91.92	0.00069
0.00	-98.99	0.00064	7.07	-106.07	0.00060
14.14	-113.14	0.00055	21.21	-120.21	0.00051
-113.14	28.28	0.00039	-106.07	21.21	0.00045
-98.99	14.14	0.00052	-91.92	7.07	0.00060
-84.85	0.00	0.00069	-77.78	-7.07	0.00079
-70.71	-14.14	0.00087	-63.64	-21.21	0.00092
-60.10	-24.75	0.00093	-56.57	-28.28	0.00094
-54.45	-30.41	0.00094	-53.03	-31.82	0.00094
-51.62	-33.23	0.00093	-50.20	-34.65	0.00093
-48.79	-36.06	0.00093	-36.06	-48.79	0.00090
-34.65	-50.20	0.00090	-33.23	-51.62	0.00090
-31.82	-53.03	0.00090	-30.41	-54.45	0.00089
-28.28	-56.57	0.00089	-24.75	-60.10	0.00088
-21.21	-63.64	0.00087	-14.14	-70.71	0.00084
-7.07	-77.78	0.00080	0.00	-84.85	0.00075
7.07	-91.92	0.00070	14.14	-98.99	0.00064
21.21	-106.07	0.00059	28.28	-113.14	0.00053
-106.07	35.36	0.00040	-98.99	28.28	0.00046
-91.92	21.21	0.00054	-84.85	14.14	0.00063

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-77.78	7.07	0.00073	-70.71	0.00	0.00085
-63.64	-7.07	0.00096	-56.57	-14.14	0.00103
-53.03	-17.68	0.00105	-49.50	-21.21	0.00106
-47.38	-23.33	0.00106	-45.96	-24.75	0.00106
-44.55	-26.16	0.00106	-43.13	-27.58	0.00106
-41.72	-28.99	0.00105	-28.99	-41.72	0.00102
-27.58	-43.13	0.00102	-26.16	-44.55	0.00102
-24.75	-45.96	0.00101	-23.33	-47.38	0.00101
-21.21	-49.50	0.00100	-17.68	-53.03	0.00099
-14.14	-56.57	0.00098	-7.07	-63.64	0.00094
0.00	-70.71	0.00089	7.07	-77.78	0.00082
14.14	-84.85	0.00076	21.21	-91.92	0.00069
28.28	-98.99	0.00062	35.36	-106.07	0.00056
-98.99	42.43	0.00041	-91.92	35.36	0.00047
-84.85	28.28	0.00055	-77.78	21.21	0.00065
-70.71	14.14	0.00077	-63.64	7.07	0.00091
-56.57	0.00	0.00105	-49.50	-7.07	0.00116
-45.96	-10.61	0.00119	-42.43	-14.14	0.00121

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00121	-38.89	-17.68	0.00121
-37.48	-19.09	0.00121	-36.06	-20.51	0.00121
-34.65	-21.92	0.00121	-21.92	-34.65	0.00117
-20.51	-36.06	0.00116	-19.09	-37.48	0.00116
-17.68	-38.89	0.00115	-16.26	-40.31	0.00115
-14.14	-42.43	0.00114	-10.61	-45.96	0.00113
-7.07	-49.50	0.00111	0.00	-56.57	0.00105
7.07	-63.64	0.00098	14.14	-70.71	0.00090
21.21	-77.78	0.00082	28.28	-84.85	0.00074
35.36	-91.92	0.00066	42.43	-98.99	0.00058
-91.92	49.50	0.00041	-84.85	42.43	0.00048
-77.78	35.36	0.00057	-70.71	28.28	0.00068
-63.64	21.21	0.00081	-56.57	14.14	0.00097
-49.50	7.07	0.00115	-42.43	0.00	0.00131
-38.89	-3.54	0.00136	-35.36	-7.07	0.00139
-33.23	-9.19	0.00140	-31.82	-10.61	0.00140

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-30.41	-12.02	0.00140	-28.99	-13.44	0.00139
-27.58	-14.85	0.00139	-14.85	-27.58	0.00134
-13.44	-28.99	0.00134	-12.02	-30.41	0.00133
-10.61	-31.82	0.00133	-9.19	-33.23	0.00132
-7.07	-35.36	0.00131	-3.54	-38.89	0.00129
0.00	-42.43	0.00126	7.07	-49.50	0.00119
14.14	-56.57	0.00109	21.21	-63.64	0.00099
28.28	-70.71	0.00088	35.36	-77.78	0.00078
42.43	-84.85	0.00069	49.50	-91.92	0.00060
-84.85	56.57	0.00042	-77.78	49.50	0.00049
-70.71	42.43	0.00058	-63.64	35.36	0.00070
-56.57	28.28	0.00085	-49.50	21.21	0.00103
-42.43	14.14	0.00125	-35.36	7.07	0.00146
-31.82	3.54	0.00155	-28.28	0.00	0.00160
-26.16	-2.12	0.00162	-24.75	-3.54	0.00162
-23.33	-4.95	0.00163	-21.92	-6.36	0.00162
-20.51	-7.78	0.00162	-7.78	-20.51	0.00156
-6.36	-21.92	0.00155	-4.95	-23.33	0.00155
-3.54	-24.75	0.00154	-2.12	-26.16	0.00153
0.00	-28.28	0.00152	3.54	-31.82	0.00149
7.07	-35.36	0.00144	14.14	-42.43	0.00134
21.21	-49.50	0.00121	28.28	-56.57	0.00108
35.36	-63.64	0.00095	42.43	-70.71	0.00082
49.50	-77.78	0.00071	56.57	-84.85	0.00062

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
 PAGE 52
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00042	-70.71	56.57	0.00050
-63.64	49.50	0.00059	-56.57	42.43	0.00072
-49.50	35.36	0.00088	-42.43	28.28	0.00108
-35.36	21.21	0.00134	-28.28	14.14	0.00162
-24.75	10.61	0.00175	-21.21	7.07	0.00185
-19.09	4.95	0.00188	-17.68	3.54	0.00190
-16.26	2.12	0.00191	-14.85	0.71	0.00191
-13.44	-0.71	0.00190	-0.71	-13.44	0.00183
0.71	-14.85	0.00182	2.12	-16.26	0.00181
3.54	-17.68	0.00180	4.95	-19.09	0.00179

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

7.07	-21.21	0.00177	10.61	-24.75	0.00172
14.14	-28.28	0.00166	21.21	-35.36	0.00151
28.28	-42.43	0.00134	35.36	-49.50	0.00116
42.43	-56.57	0.00100	49.50	-63.64	0.00086
56.57	-70.71	0.00073	63.64	-77.78	0.00062
-70.71	70.71	0.00043	-63.64	63.64	0.00050
-56.57	56.57	0.00060	-49.50	49.50	0.00073
-42.43	42.43	0.00090	-35.36	35.36	0.00113
-28.28	28.28	0.00142	-21.21	21.21	0.00178
-17.68	17.68	0.00196	-14.14	14.14	0.00212
-12.02	12.02	0.00219	-10.61	10.61	0.00223
-9.19	9.19	0.00225	-7.78	7.78	0.00226
-6.36	6.36	0.00226	6.36	-6.36	0.00216
7.78	-7.78	0.00215	9.19	-9.19	0.00214
10.61	-10.61	0.00212	12.02	-12.02	0.00210
14.14	-14.14	0.00207	17.68	-17.68	0.00200
21.21	-21.21	0.00191	28.28	-28.28	0.00169
35.36	-35.36	0.00146	42.43	-42.43	0.00124
49.50	-49.50	0.00104	56.57	-56.57	0.00088
63.64	-63.64	0.00074	70.71	-70.71	0.00062
-63.64	77.78	0.00043	-56.57	70.71	0.00051
-49.50	63.64	0.00061	-42.43	56.57	0.00074
-35.36	49.50	0.00092	-28.28	42.43	0.00116
-21.21	35.36	0.00149	-14.14	28.28	0.00191
-10.61	24.75	0.00215	-7.07	21.21	0.00240
-4.95	19.09	0.00252	-3.54	17.68	0.00259
-2.12	16.26	0.00265	-0.71	14.85	0.00268
0.71	13.44	0.00270	13.44	0.71	0.00258
14.85	-0.71	0.00256	16.26	-2.12	0.00254
17.68	-3.54	0.00252	19.09	-4.95	0.00249

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00243	24.75	-10.61	0.00232
28.28	-14.14	0.00218	35.36	-21.21	0.00187
42.43	-28.28	0.00156	49.50	-35.36	0.00129
56.57	-42.43	0.00107	63.64	-49.50	0.00088

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

70.71	-56.57	0.00073	77.78	-63.64	0.00060
-56.57	84.85	0.00044	-49.50	77.78	0.00051
-42.43	70.71	0.00061	-35.36	63.64	0.00075
-28.28	56.57	0.00093	-21.21	49.50	0.00118
-14.14	42.43	0.00153	-7.07	35.36	0.00202
-3.54	31.82	0.00231	0.00	28.28	0.00264
2.12	26.16	0.00283	3.54	24.75	0.00296
4.95	23.33	0.00307	6.36	21.92	0.00315
7.78	20.51	0.00322	20.51	7.78	0.00310
21.92	6.36	0.00307	23.33	4.95	0.00304
24.75	3.54	0.00299	26.16	2.12	0.00294
28.28	0.00	0.00284	31.82	-3.54	0.00265
35.36	-7.07	0.00244	42.43	-14.14	0.00201
49.50	-21.21	0.00163	56.57	-28.28	0.00131
63.64	-35.36	0.00106	70.71	-42.43	0.00086
77.78	-49.50	0.00070	84.85	-56.57	0.00058
-49.50	91.92	0.00044	-42.43	84.85	0.00052
-35.36	77.78	0.00062	-28.28	70.71	0.00076
-21.21	63.64	0.00094	-14.14	56.57	0.00119
-7.07	49.50	0.00155	0.00	42.43	0.00207
3.54	38.89	0.00241	7.07	35.36	0.00280
9.19	33.23	0.00307	10.61	31.82	0.00325
12.02	30.41	0.00343	13.44	28.99	0.00361
14.85	27.58	0.00376	27.58	14.85	0.00377
28.99	13.44	0.00371	30.41	12.02	0.00363
31.82	10.61	0.00353	33.23	9.19	0.00342
35.36	7.07	0.00325	38.89	3.54	0.00294
42.43	0.00	0.00263	49.50	-7.07	0.00208
56.57	-14.14	0.00163	63.64	-21.21	0.00129
70.71	-28.28	0.00103	77.78	-35.36	0.00083
84.85	-42.43	0.00067	91.92	-49.50	0.00055
-42.43	98.99	0.00045	-35.36	91.92	0.00053
-28.28	84.85	0.00063	-21.21	77.78	0.00077
-14.14	70.71	0.00095	-7.07	63.64	0.00120
0.00	56.57	0.00157	7.07	49.50	0.00210
10.61	45.96	0.00246	14.14	42.43	0.00289

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00319	17.68	38.89	0.00341
19.09	37.48	0.00365	20.51	36.06	0.00392
21.92	34.65	0.00422	34.65	21.92	0.00453
36.06	20.51	0.00432	37.48	19.09	0.00411
38.89	17.68	0.00391	40.31	16.26	0.00372
42.43	14.14	0.00345	45.96	10.61	0.00304
49.50	7.07	0.00267	56.57	0.00	0.00206
63.64	-7.07	0.00160	70.71	-14.14	0.00125
77.78	-21.21	0.00098	84.85	-28.28	0.00078
91.92	-35.36	0.00063	98.99	-42.43	0.00051
-35.36	106.07	0.00046	-28.28	98.99	0.00054
-21.21	91.92	0.00064	-14.14	84.85	0.00078
-7.07	77.78	0.00096	0.00	70.71	0.00122
7.07	63.64	0.00159	14.14	56.57	0.00215
17.68	53.03	0.00253	21.21	49.50	0.00302
23.33	47.38	0.00338	24.75	45.96	0.00366
26.16	44.55	0.00398	27.58	43.13	0.00440
28.99	41.72	0.00497	41.72	28.99	0.00478
43.13	27.58	0.00447	44.55	26.16	0.00421
45.96	24.75	0.00398	47.38	23.33	0.00377
49.50	21.21	0.00347	53.03	17.68	0.00302
56.57	14.14	0.00263	63.64	7.07	0.00201
70.71	0.00	0.00154	77.78	-7.07	0.00119
84.85	-14.14	0.00093	91.92	-21.21	0.00073
98.99	-28.28	0.00059	106.07	-35.36	0.00048
-28.28	113.14	0.00047	-21.21	106.07	0.00055
-14.14	98.99	0.00066	-7.07	91.92	0.00081
0.00	84.85	0.00101	7.07	77.78	0.00129
14.14	70.71	0.00172	21.21	63.64	0.00248
24.75	60.10	0.00308	28.28	56.57	0.00394
30.41	54.45	0.00462	31.82	53.03	0.00513
33.23	51.62	0.00570	34.65	50.20	0.00634
36.06	48.79	0.00705	48.79	36.06	0.00489
50.20	34.65	0.00452	51.62	33.23	0.00422
53.03	31.82	0.00395	54.45	30.41	0.00372
56.57	28.28	0.00340	60.10	24.75	0.00293
63.64	21.21	0.00253	70.71	14.14	0.00190
77.78	7.07	0.00144	84.85	0.00	0.00110
91.92	-7.07	0.00086	98.99	-14.14	0.00068
106.07	-21.21	0.00054	113.14	-28.28	0.00044

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-21.21	120.21	0.00050	-14.14	113.14	0.00059	
-7.07	106.07	0.00071	0.00	98.99	0.00088	
7.07	91.92	0.00113	14.14	84.85	0.00151	
21.21	77.78	0.00214	28.28	70.71	0.00325	
31.82	67.18	0.00407	35.36	63.64	0.00509	
37.48	61.52	0.00580	38.89	60.10	0.00631	
40.31	58.69	0.00685	41.72	57.28	0.00741	
43.13	55.86	0.00803	55.86	43.13	0.00495	
57.28	41.72	0.00453	58.69	40.31	0.00420	
60.10	38.89	0.00391	61.52	37.48	0.00364	
63.64	35.36	0.00329	67.18	31.82	0.00279	
70.71	28.28	0.00238	77.78	21.21	0.00176	
84.85	14.14	0.00131	91.92	7.07	0.00100	
98.99	0.00	0.00077	106.07	-7.07	0.00061	
113.14	-14.14	0.00049	120.21	-21.21	0.00040	
-14.14	127.28	0.00054	-7.07	120.21	0.00065	
0.00	113.14	0.00081	7.07	106.07	0.00103	
14.14	98.99	0.00137	21.21	91.92	0.00189	
28.28	84.85	0.00270	35.36	77.78	0.00394	
38.89	74.25	0.00475	42.43	70.71	0.00572	
44.55	68.59	0.00637	45.96	67.18	0.00684	
47.38	65.76	0.00733	48.79	64.35	0.00784	
50.20	62.93	0.00840	62.93	50.20	0.00489	
64.35	48.79	0.00445	65.76	47.38	0.00409	
67.18	45.96	0.00378	68.59	44.55	0.00350	
70.71	42.43	0.00313	74.25	38.89	0.00262	
77.78	35.36	0.00220	84.85	28.28	0.00158	
91.92	21.21	0.00116	98.99	14.14	0.00088	
106.07	7.07	0.00068	113.14	0.00	0.00054	
120.21	-7.07	0.00044	127.28	-14.14	0.00036	
-7.07	134.35	0.00061	0.00	127.28	0.00076	
7.07	120.21	0.00096	14.14	113.14	0.00125	
21.21	106.07	0.00167	28.28	98.99	0.00230	
35.36	91.92	0.00317	42.43	84.85	0.00436	
45.96	81.32	0.00511	49.50	77.78	0.00598	
51.62	75.66	0.00656	53.03	74.25	0.00698	

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

54.45	72.83	0.00743	55.86	71.42	0.00791
57.28	70.00	0.00843	70.00	57.28	0.00470
71.42	55.86	0.00424	72.83	54.45	0.00386
74.25	53.03	0.00354	75.66	51.62	0.00326

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00289	81.32	45.96	0.00237
84.85	42.43	0.00197	91.92	35.36	0.00138
98.99	28.28	0.00101	106.07	21.21	0.00076
113.14	14.14	0.00060	120.21	7.07	0.00048
127.28	0.00	0.00040	134.35	-7.07	0.00033
0.00	141.42	0.00071	7.07	134.35	0.00090
14.14	127.28	0.00115	21.21	120.21	0.00150
28.28	113.14	0.00199	35.36	106.07	0.00264
42.43	98.99	0.00350	49.50	91.92	0.00460
53.03	88.39	0.00527	56.57	84.85	0.00602
58.69	82.73	0.00653	60.10	81.32	0.00690
61.52	79.90	0.00730	62.93	78.49	0.00774
64.35	77.07	0.00823	77.07	64.35	0.00437
78.49	62.93	0.00390	79.90	61.52	0.00352
81.32	60.10	0.00319	82.73	58.69	0.00291
84.85	56.57	0.00255	88.39	53.03	0.00206
91.92	49.50	0.00169	98.99	42.43	0.00118
106.07	35.36	0.00086	113.14	28.28	0.00066
120.21	21.21	0.00052	127.28	14.14	0.00043
134.35	7.07	0.00036	141.42	0.00	0.00030
7.07	148.49	0.00084	14.14	141.42	0.00105
21.21	134.35	0.00135	28.28	127.28	0.00174
35.36	120.21	0.00224	42.43	113.14	0.00289
49.50	106.07	0.00371	56.57	98.99	0.00473
60.10	95.46	0.00531	63.64	91.92	0.00597
65.76	89.80	0.00639	67.18	88.39	0.00670
68.59	86.97	0.00703	70.00	85.56	0.00740
71.42	84.15	0.00784	84.15	71.42	0.00388
85.56	70.00	0.00341	86.97	68.59	0.00303
88.39	67.18	0.00272	89.80	65.76	0.00245

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

91.92	63.64	0.00212	95.46	60.10	0.00169
98.99	56.57	0.00139	106.07	49.50	0.00098
113.14	42.43	0.00074	120.21	35.36	0.00058
127.28	28.28	0.00047	134.35	21.21	0.00039
141.42	14.14	0.00033	148.49	7.07	0.00028
14.14	155.56	0.00096	21.21	148.49	0.00121
28.28	141.42	0.00152	35.36	134.35	0.00193
42.43	127.28	0.00243	49.50	120.21	0.00307
56.57	113.14	0.00385	63.64	106.07	0.00479
67.18	102.53	0.00532	70.71	98.99	0.00589

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00623	74.25	95.46	0.00647
75.66	94.05	0.00672	77.07	92.63	0.00700
78.49	91.22	0.00734	91.22	78.49	0.00320
92.63	77.07	0.00275	94.05	75.66	0.00241
95.46	74.25	0.00214	96.87	72.83	0.00193
98.99	70.71	0.00166	102.53	67.18	0.00135
106.07	63.64	0.00113	113.14	56.57	0.00085
120.21	49.50	0.00066	127.28	42.43	0.00053
134.35	35.36	0.00043	141.42	28.28	0.00036
148.49	21.21	0.00030	155.56	14.14	0.00026
21.21	162.63	0.00109	28.28	155.56	0.00135
35.36	148.49	0.00167	42.43	141.42	0.00207
49.50	134.35	0.00256	56.57	127.28	0.00317
63.64	120.21	0.00392	70.71	113.14	0.00480
74.25	109.60	0.00530	77.78	106.07	0.00580
79.90	103.94	0.00609	81.32	102.53	0.00629
82.73	101.12	0.00648	84.15	99.70	0.00669
85.56	98.29	0.00689	98.29	85.56	0.00238
99.70	84.15	0.00207	101.12	82.73	0.00185
102.53	81.32	0.00168	103.94	79.90	0.00154
106.07	77.78	0.00137	109.60	74.25	0.00115
113.14	70.71	0.00099	120.21	63.64	0.00076
127.28	56.57	0.00060	134.35	49.50	0.00048
141.42	42.43	0.00040	148.49	35.36	0.00033

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

155.56	28.28	0.00028	162.63	21.21	0.00024
28.28	169.71	0.00120	35.36	162.63	0.00146
42.43	155.56	0.00178	49.50	148.49	0.00217
56.57	141.42	0.00265	63.64	134.35	0.00323
70.71	127.28	0.00392	77.78	120.21	0.00474
81.32	116.67	0.00518	84.85	113.14	0.00560
86.97	111.02	0.00584	88.39	109.60	0.00597
89.80	108.19	0.00608	91.22	106.77	0.00612
92.63	105.36	0.00606	105.36	92.63	0.00202
106.77	91.22	0.00181	108.19	89.80	0.00163
109.60	88.39	0.00149	111.02	86.97	0.00137
113.14	84.85	0.00123	116.67	81.32	0.00104
120.21	77.78	0.00089	127.28	70.71	0.00069
134.35	63.64	0.00055	141.42	56.57	0.00044
148.49	49.50	0.00036	155.56	42.43	0.00030
162.63	35.36	0.00026	169.71	28.28	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00129	42.43	169.71	0.00154
49.50	162.63	0.00185	56.57	155.56	0.00222
63.64	148.49	0.00266	70.71	141.42	0.00318
77.78	134.35	0.00377	84.85	127.28	0.00433
88.39	123.74	0.00452	91.92	120.21	0.00455
94.05	118.09	0.00446	95.46	116.67	0.00436
96.87	115.26	0.00421	98.29	113.84	0.00403
99.70	112.43	0.00381	112.43	99.70	0.00174
113.84	98.29	0.00159	115.26	96.87	0.00146
116.67	95.46	0.00135	118.09	94.05	0.00125
120.21	91.92	0.00112	123.74	88.39	0.00096
127.28	84.85	0.00082	134.35	77.78	0.00064
141.42	70.71	0.00051	148.49	63.64	0.00041
155.56	56.57	0.00034	162.63	49.50	0.00028
169.71	42.43	0.00024	176.78	35.36	0.00021
42.43	183.85	0.00135	49.50	176.78	0.00159
56.57	169.71	0.00187	63.64	162.63	0.00220
70.71	155.56	0.00257	77.78	148.49	0.00296

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

84.85	141.42	0.00330	91.92	134.35	0.00343
95.46	130.81	0.00337	98.99	127.28	0.00321
101.12	125.16	0.00307	102.53	123.74	0.00297
103.94	122.33	0.00285	105.36	120.92	0.00273
106.77	119.50	0.00261	119.50	106.77	0.00145
120.92	105.36	0.00134	122.33	103.94	0.00125
123.74	102.53	0.00117	125.16	101.12	0.00109
127.28	98.99	0.00100	130.81	95.46	0.00087
134.35	91.92	0.00076	141.42	84.85	0.00059
148.49	77.78	0.00047	155.56	70.71	0.00039
162.63	63.64	0.00032	169.71	56.57	0.00027
176.78	49.50	0.00023	183.85	42.43	0.00020
49.50	190.92	0.00137	56.57	183.85	0.00159
63.64	176.78	0.00183	70.71	169.71	0.00209
77.78	162.63	0.00235	84.85	155.56	0.00256
91.92	148.49	0.00266	98.99	141.42	0.00258
102.53	137.89	0.00248	106.07	134.35	0.00233
108.19	132.23	0.00223	109.60	130.81	0.00215
111.02	129.40	0.00208	112.43	127.99	0.00200
113.84	126.57	0.00193	126.57	113.84	0.00121
127.99	112.43	0.00113	129.40	111.02	0.00106
130.81	109.60	0.00100	132.23	108.19	0.00094

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00087	137.89	102.53	0.00077
141.42	98.99	0.00068	148.49	91.92	0.00055
155.56	84.85	0.00045	162.63	77.78	0.00037
169.71	70.71	0.00031	176.78	63.64	0.00026
183.85	56.57	0.00022	190.92	49.50	0.00019
56.57	197.99	0.00135	63.64	190.92	0.00153
70.71	183.85	0.00171	77.78	176.78	0.00189
84.85	169.71	0.00203	91.92	162.63	0.00211
98.99	155.56	0.00209	106.07	148.49	0.00197
109.60	144.96	0.00188	113.14	141.42	0.00176
115.26	139.30	0.00169	116.67	137.89	0.00164
118.09	136.47	0.00160	119.50	135.06	0.00155

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

120.92	133.64	0.00151	133.64	120.92	0.00102
135.06	119.50	0.00096	136.47	118.09	0.00091
137.89	116.67	0.00086	139.30	115.26	0.00082
141.42	113.14	0.00076	144.96	109.60	0.00067
148.49	106.07	0.00061	155.56	98.99	0.00050
162.63	91.92	0.00042	169.71	84.85	0.00035
176.78	77.78	0.00029	183.85	70.71	0.00025
190.92	63.64	0.00021	197.99	56.57	0.00018
63.64	205.06	0.00129	70.71	197.99	0.00143
77.78	190.92	0.00155	84.85	183.85	0.00165
91.92	176.78	0.00171	98.99	169.71	0.00171
106.07	162.63	0.00166	113.14	155.56	0.00155
116.67	152.03	0.00147	120.21	148.49	0.00138
122.33	146.37	0.00134	123.74	144.96	0.00130
125.16	143.54	0.00127	126.57	142.13	0.00124
127.99	140.71	0.00121	140.71	127.99	0.00087
142.13	126.57	0.00082	143.54	125.16	0.00078
144.96	123.74	0.00074	146.37	122.33	0.00071
148.49	120.21	0.00066	152.03	116.67	0.00059
155.56	113.14	0.00054	162.63	106.07	0.00045
169.71	98.99	0.00038	176.78	91.92	0.00033
183.85	84.85	0.00028	190.92	77.78	0.00024
197.99	70.71	0.00020	205.06	63.64	0.00018
70.71	212.13	0.00120	77.78	205.06	0.00129
84.85	197.99	0.00136	91.92	190.92	0.00141
98.99	183.85	0.00142	106.07	176.78	0.00140
113.14	169.71	0.00134	120.21	162.63	0.00124
123.74	159.10	0.00118	127.28	155.56	0.00112

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00109	130.81	152.03	0.00106
132.23	150.61	0.00104	133.64	149.20	0.00102
135.06	147.79	0.00100	147.79	135.06	0.00074
149.20	133.64	0.00071	150.61	132.23	0.00068
152.03	130.81	0.00065	153.44	129.40	0.00062
155.56	127.28	0.00058	159.10	123.74	0.00052

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

162.63	120.21	0.00048	169.71	113.14	0.00040
176.78	106.07	0.00035	183.85	98.99	0.00030
190.92	91.92	0.00026	197.99	84.85	0.00023
205.06	77.78	0.00020	212.13	70.71	0.00017
77.78	219.20	0.00109	84.85	212.13	0.00114
91.92	205.06	0.00118	98.99	197.99	0.00120
106.07	190.92	0.00119	113.14	183.85	0.00116
120.21	176.78	0.00110	127.28	169.71	0.00101
130.81	166.17	0.00097	134.35	162.63	0.00093
136.47	160.51	0.00090	137.89	159.10	0.00089
139.30	157.68	0.00087	140.71	156.27	0.00085
142.13	154.86	0.00084	154.86	142.13	0.00064
156.27	140.71	0.00062	157.68	139.30	0.00059
159.10	137.89	0.00057	160.51	136.47	0.00055
162.63	134.35	0.00051	166.17	130.81	0.00047
169.71	127.28	0.00043	176.78	120.21	0.00036
183.85	113.14	0.00032	190.92	106.07	0.00028
197.99	98.99	0.00024	205.06	91.92	0.00021
212.13	84.85	0.00019	219.20	77.78	0.00017
84.85	226.27	0.00097	91.92	219.20	0.00100
98.99	212.13	0.00102	106.07	205.06	0.00102
113.14	197.99	0.00101	120.21	190.92	0.00097
127.28	183.85	0.00091	134.35	176.78	0.00085
137.89	173.24	0.00081	141.42	169.71	0.00078
143.54	167.58	0.00076	144.96	166.17	0.00075
146.37	164.76	0.00074	147.79	163.34	0.00073
149.20	161.93	0.00071	161.93	149.20	0.00056
163.34	147.79	0.00054	164.76	146.37	0.00052
166.17	144.96	0.00050	167.58	143.54	0.00048
169.71	141.42	0.00046	173.24	137.89	0.00042
176.78	134.35	0.00038	183.85	127.28	0.00033
190.92	120.21	0.00029	197.99	113.14	0.00025
205.06	106.07	0.00023	212.13	98.99	0.00020
219.20	91.92	0.00018	226.27	84.85	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

91.92	233.35	0.00086	98.99	226.27	0.00088
106.07	219.20	0.00089	113.14	212.13	0.00088
120.21	205.06	0.00086	127.28	197.99	0.00082
134.35	190.92	0.00077	141.42	183.85	0.00072
144.96	180.31	0.00069	148.49	176.78	0.00067
150.61	174.66	0.00065	152.03	173.24	0.00064
153.44	171.83	0.00063	154.86	170.41	0.00062
156.27	169.00	0.00061	169.00	156.27	0.00050
170.41	154.86	0.00048	171.83	153.44	0.00046
173.24	152.03	0.00045	174.66	150.61	0.00043
176.78	148.49	0.00041	180.31	144.96	0.00037
183.85	141.42	0.00035	190.92	134.35	0.00030
197.99	127.28	0.00026	205.06	120.21	0.00023
212.13	113.14	0.00021	219.20	106.07	0.00019
226.27	98.99	0.00017	233.35	91.92	0.00015
98.99	240.42	0.00077	106.07	233.35	0.00077
113.14	226.27	0.00077	120.21	219.20	0.00076
127.28	212.13	0.00074	134.35	205.06	0.00070
141.42	197.99	0.00066	148.49	190.92	0.00062
152.03	187.38	0.00060	155.56	183.85	0.00058
157.68	181.73	0.00057	159.10	180.31	0.00056
160.51	178.90	0.00055	161.93	177.48	0.00054
163.34	176.07	0.00054	176.07	163.34	0.00044
177.48	161.93	0.00043	178.90	160.51	0.00041
180.31	159.10	0.00040	181.73	157.68	0.00039
183.85	155.56	0.00037	187.38	152.03	0.00034
190.92	148.49	0.00031	197.99	141.42	0.00027
205.06	134.35	0.00024	212.13	127.28	0.00022
219.20	120.21	0.00019	226.27	113.14	0.00017
233.35	106.07	0.00016	240.42	98.99	0.00014
106.07	247.49	0.00068	113.14	240.42	0.00068
120.21	233.35	0.00068	127.28	226.27	0.00066
134.35	219.20	0.00064	141.42	212.13	0.00061
148.49	205.06	0.00057	155.56	197.99	0.00054
159.10	194.45	0.00052	162.63	190.92	0.00051
164.76	188.80	0.00050	166.17	187.38	0.00049
167.58	185.97	0.00048	169.00	184.55	0.00048
170.41	183.14	0.00047	183.14	170.41	0.00039
184.55	169.00	0.00038	185.97	167.58	0.00037
187.38	166.17	0.00036	188.80	164.76	0.00035

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
190.92	162.63	0.00033	194.45	159.10	0.00031	
197.99	155.56	0.00029	205.06	148.49	0.00025	
212.13	141.42	0.00022	219.20	134.35	0.00020	
226.27	127.28	0.00018	233.35	120.21	0.00016	
240.42	113.14	0.00015	247.49	106.07	0.00014	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***
 18:23:07
 **MODELOPTs:
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 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-247.49	-106.07	0.00028	-240.42	-113.14	0.00030	
-233.35	-120.21	0.00033	-226.27	-127.28	0.00034	
-219.20	-134.35	0.00036	-212.13	-141.42	0.00036	
-205.06	-148.49	0.00037	-197.99	-155.56	0.00037	
-194.45	-159.10	0.00037	-190.92	-162.63	0.00036	
-188.80	-164.76	0.00036	-187.38	-166.17	0.00036	
-185.97	-167.58	0.00036	-184.55	-169.00	0.00036	
-183.14	-170.41	0.00036	-170.41	-183.14	0.00036	
-169.00	-184.55	0.00035	-167.58	-185.97	0.00035	
-166.17	-187.38	0.00035	-164.76	-188.80	0.00035	
-162.63	-190.92	0.00035	-159.10	-194.45	0.00035	
-155.56	-197.99	0.00035	-148.49	-205.06	0.00034	
-141.42	-212.13	0.00034	-134.35	-219.20	0.00034	
-127.28	-226.27	0.00033	-120.21	-233.35	0.00032	
-113.14	-240.42	0.00031	-106.07	-247.49	0.00030	
-240.42	-98.99	0.00029	-233.35	-106.07	0.00032	
-226.27	-113.14	0.00034	-219.20	-120.21	0.00036	
-212.13	-127.28	0.00038	-205.06	-134.35	0.00039	
-197.99	-141.42	0.00040	-190.92	-148.49	0.00040	
-187.38	-152.03	0.00039	-183.85	-155.56	0.00039	
-181.73	-157.68	0.00039	-180.31	-159.10	0.00039	
-178.90	-160.51	0.00039	-177.48	-161.93	0.00039	
-176.07	-163.34	0.00039	-163.34	-176.07	0.00038	

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-161.93	-177.48	0.00038	-160.51	-178.90	0.00038
-159.10	-180.31	0.00038	-157.68	-181.73	0.00038
-155.56	-183.85	0.00038	-152.03	-187.38	0.00038
-148.49	-190.92	0.00038	-141.42	-197.99	0.00037
-134.35	-205.06	0.00037	-127.28	-212.13	0.00036
-120.21	-219.20	0.00035	-113.14	-226.27	0.00034
-106.07	-233.35	0.00033	-98.99	-240.42	0.00032
-233.35	-91.92	0.00030	-226.27	-99.00	0.00033
-219.20	-106.07	0.00036	-212.13	-113.14	0.00039
-205.06	-120.21	0.00041	-197.99	-127.28	0.00042
-190.92	-134.35	0.00043	-183.85	-141.42	0.00043
-180.31	-144.96	0.00043	-176.78	-148.49	0.00043
-174.66	-150.61	0.00042	-173.24	-152.03	0.00042
-171.83	-153.44	0.00042	-170.41	-154.86	0.00042
-169.00	-156.27	0.00042	-156.27	-169.00	0.00041
-154.86	-170.41	0.00041	-153.44	-171.83	0.00041
-152.03	-173.24	0.00041	-150.61	-174.66	0.00041

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00041	-144.96	-180.31	0.00041
-141.42	-183.85	0.00041	-134.35	-190.92	0.00040
-127.28	-197.99	0.00039	-120.21	-205.06	0.00039
-113.14	-212.13	0.00038	-106.07	-219.20	0.00036
-98.99	-226.27	0.00035	-91.92	-233.35	0.00033
-226.27	-84.85	0.00031	-219.20	-91.92	0.00035
-212.13	-99.00	0.00038	-205.06	-106.07	0.00041
-197.99	-113.14	0.00044	-190.92	-120.21	0.00045
-183.85	-127.28	0.00046	-176.78	-134.35	0.00046
-173.24	-137.89	0.00046	-169.71	-141.42	0.00046
-167.58	-143.54	0.00046	-166.17	-144.96	0.00046
-164.76	-146.37	0.00046	-163.34	-147.79	0.00046
-161.93	-149.20	0.00046	-149.20	-161.93	0.00045
-147.79	-163.34	0.00045	-146.37	-164.76	0.00045
-144.96	-166.17	0.00045	-143.54	-167.58	0.00045
-141.42	-169.71	0.00044	-137.89	-173.24	0.00044
-134.35	-176.78	0.00044	-127.28	-183.85	0.00043

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-120.21	-190.92	0.00043	-113.14	-197.99	0.00042
-106.07	-205.06	0.00040	-98.99	-212.13	0.00039
-91.92	-219.20	0.00037	-84.85	-226.27	0.00035
-219.20	-77.78	0.00033	-212.13	-84.85	0.00036
-205.06	-91.92	0.00040	-197.99	-99.00	0.00044
-190.92	-106.07	0.00047	-183.85	-113.14	0.00049
-176.78	-120.21	0.00050	-169.71	-127.28	0.00051
-166.17	-130.81	0.00051	-162.63	-134.35	0.00050
-160.51	-136.47	0.00050	-159.10	-137.89	0.00050
-157.68	-139.30	0.00050	-156.27	-140.71	0.00050
-154.86	-142.13	0.00050	-142.13	-154.86	0.00049
-140.71	-156.27	0.00049	-139.30	-157.68	0.00049
-137.89	-159.10	0.00049	-136.47	-160.51	0.00049
-134.35	-162.63	0.00048	-130.81	-166.17	0.00048
-127.28	-169.71	0.00048	-120.21	-176.78	0.00047
-113.14	-183.85	0.00046	-106.07	-190.92	0.00045
-98.99	-197.99	0.00044	-91.92	-205.06	0.00042
-84.85	-212.13	0.00040	-77.78	-219.20	0.00038
-212.13	-70.71	0.00034	-205.06	-77.78	0.00038
-197.99	-84.85	0.00042	-190.92	-91.92	0.00046
-183.85	-98.99	0.00050	-176.78	-106.07	0.00053
-169.71	-113.14	0.00055	-162.63	-120.21	0.00055
-159.10	-123.74	0.00055	-155.56	-127.28	0.00055

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00055	-152.03	-130.81	0.00055
-150.61	-132.23	0.00055	-149.20	-133.64	0.00055
-147.79	-135.06	0.00055	-135.06	-147.79	0.00053
-133.64	-149.20	0.00053	-132.23	-150.61	0.00053
-130.81	-152.03	0.00053	-129.40	-153.44	0.00053
-127.28	-155.56	0.00053	-123.74	-159.10	0.00053
-120.21	-162.63	0.00052	-113.14	-169.71	0.00051
-106.07	-176.78	0.00050	-98.99	-183.85	0.00049
-91.92	-190.92	0.00047	-84.85	-197.99	0.00045
-77.78	-205.06	0.00042	-70.71	-212.13	0.00040
-205.06	-63.64	0.00035	-197.99	-70.71	0.00039

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-190.92	-77.78	0.00044	-183.85	-84.85	0.00049
-176.78	-91.92	0.00054	-169.71	-98.99	0.00057
-162.63	-106.07	0.00060	-155.56	-113.14	0.00061
-152.03	-116.67	0.00061	-148.49	-120.21	0.00061
-146.37	-122.33	0.00061	-144.96	-123.74	0.00060
-143.54	-125.16	0.00060	-142.13	-126.57	0.00060
-140.71	-127.99	0.00060	-127.99	-140.71	0.00059
-126.57	-142.13	0.00059	-125.16	-143.54	0.00058
-123.74	-144.96	0.00058	-122.33	-146.37	0.00058
-120.21	-148.49	0.00058	-116.67	-152.03	0.00058
-113.14	-155.56	0.00057	-106.07	-162.63	0.00056
-98.99	-169.71	0.00055	-91.92	-176.78	0.00053
-84.85	-183.85	0.00051	-77.78	-190.92	0.00048
-70.71	-197.99	0.00045	-63.64	-205.06	0.00042
-197.99	-56.57	0.00036	-190.92	-63.64	0.00041
-183.85	-70.71	0.00046	-176.78	-77.78	0.00052
-169.71	-84.85	0.00057	-162.63	-91.92	0.00062
-155.56	-98.99	0.00066	-148.49	-106.07	0.00067
-144.96	-109.60	0.00067	-141.42	-113.14	0.00067
-139.30	-115.26	0.00067	-137.89	-116.67	0.00067
-136.47	-118.09	0.00067	-135.06	-119.50	0.00067
-133.64	-120.92	0.00066	-120.92	-133.64	0.00065
-119.50	-135.06	0.00065	-118.09	-136.47	0.00065
-116.67	-137.89	0.00064	-115.26	-139.30	0.00064
-113.14	-141.42	0.00064	-109.60	-144.96	0.00064
-106.07	-148.49	0.00063	-98.99	-155.56	0.00062
-91.92	-162.63	0.00060	-84.85	-169.71	0.00058
-77.78	-176.78	0.00055	-70.71	-183.85	0.00052
-63.64	-190.92	0.00048	-56.57	-197.99	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTS:
 PAGE 66
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00037	-183.85	-56.57	0.00042
-176.78	-63.64	0.00048	-169.71	-70.71	0.00055
-162.63	-77.78	0.00061	-155.56	-84.85	0.00068
-148.49	-91.92	0.00072	-141.42	-98.99	0.00074
-137.89	-102.53	0.00075	-134.35	-106.07	0.00075

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-132.23	-108.19	0.00074	-130.81	-109.60	0.00074
-129.40	-111.02	0.00074	-127.99	-112.43	0.00074
-126.57	-113.84	0.00074	-113.84	-126.57	0.00072
-112.43	-127.99	0.00072	-111.02	-129.40	0.00072
-109.60	-130.81	0.00071	-108.19	-132.23	0.00071
-106.07	-134.35	0.00071	-102.53	-137.89	0.00070
-98.99	-141.42	0.00070	-91.92	-148.49	0.00068
-84.85	-155.56	0.00066	-77.78	-162.63	0.00063
-70.71	-169.71	0.00059	-63.64	-176.78	0.00056
-56.57	-183.85	0.00052	-49.50	-190.92	0.00048
-183.85	-42.43	0.00038	-176.78	-49.50	0.00043
-169.71	-56.57	0.00050	-162.63	-63.64	0.00057
-155.56	-70.71	0.00065	-148.49	-77.78	0.00073
-141.42	-84.85	0.00079	-134.35	-91.92	0.00083
-130.81	-95.46	0.00083	-127.28	-98.99	0.00083
-125.16	-101.12	0.00083	-123.74	-102.53	0.00083
-122.33	-103.94	0.00083	-120.92	-105.36	0.00083
-119.50	-106.77	0.00082	-106.77	-119.50	0.00080
-105.36	-120.92	0.00080	-103.94	-122.33	0.00080
-102.53	-123.74	0.00080	-101.12	-125.16	0.00079
-98.99	-127.28	0.00079	-95.46	-130.81	0.00078
-91.92	-134.35	0.00078	-84.85	-141.42	0.00076
-77.78	-148.49	0.00073	-70.71	-155.56	0.00069
-63.64	-162.63	0.00064	-56.57	-169.71	0.00060
-49.50	-176.78	0.00055	-42.43	-183.85	0.00051
-176.78	-35.36	0.00039	-169.71	-42.43	0.00045
-162.63	-49.50	0.00052	-155.56	-56.57	0.00060
-148.49	-63.64	0.00069	-141.42	-70.71	0.00079
-134.35	-77.78	0.00087	-127.28	-84.85	0.00092
-123.74	-88.39	0.00093	-120.21	-91.92	0.00094
-118.09	-94.05	0.00094	-116.67	-95.46	0.00094
-115.26	-96.87	0.00093	-113.84	-98.29	0.00093
-112.43	-99.70	0.00093	-99.70	-112.43	0.00090
-98.29	-113.84	0.00090	-96.87	-115.26	0.00090
-95.46	-116.67	0.00090	-94.05	-118.09	0.00089

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***
 18:23:07
 **MODELOPTs:
 PAGE 67
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

		15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00089	-88.39	-123.74	0.00088
-84.85	-127.28	0.00087	-77.78	-134.35	0.00084
-70.71	-141.42	0.00080	-63.64	-148.49	0.00075
-56.57	-155.56	0.00070	-49.50	-162.63	0.00064
-42.43	-169.71	0.00059	-35.36	-176.78	0.00053
-169.71	-28.28	0.00040	-162.63	-35.36	0.00046
-155.56	-42.43	0.00054	-148.49	-49.50	0.00063
-141.42	-56.57	0.00073	-134.35	-63.64	0.00085
-127.28	-70.71	0.00096	-120.21	-77.78	0.00103
-116.67	-81.32	0.00105	-113.14	-84.85	0.00106
-111.02	-86.97	0.00106	-109.60	-88.39	0.00106
-108.19	-89.80	0.00106	-106.77	-91.22	0.00106
-105.36	-92.63	0.00105	-92.63	-105.36	0.00102
-91.22	-106.77	0.00102	-89.80	-108.19	0.00102
-88.39	-109.60	0.00101	-86.97	-111.02	0.00101
-84.85	-113.14	0.00100	-81.32	-116.67	0.00099
-77.78	-120.21	0.00098	-70.71	-127.28	0.00094
-63.64	-134.35	0.00089	-56.57	-141.42	0.00082
-49.50	-148.49	0.00076	-42.43	-155.56	0.00069
-35.36	-162.63	0.00062	-28.28	-169.71	0.00056
-162.63	-21.21	0.00041	-155.56	-28.28	0.00047
-148.49	-35.36	0.00055	-141.42	-42.43	0.00065
-134.35	-49.50	0.00077	-127.28	-56.57	0.00091
-120.21	-63.64	0.00105	-113.14	-70.71	0.00116
-109.60	-74.25	0.00119	-106.07	-77.78	0.00121
-103.94	-79.90	0.00121	-102.53	-81.32	0.00121
-101.12	-82.73	0.00121	-99.70	-84.15	0.00121
-98.29	-85.56	0.00121	-85.56	-98.29	0.00117
-84.15	-99.70	0.00116	-82.73	-101.12	0.00116
-81.32	-102.53	0.00115	-79.90	-103.94	0.00115
-77.78	-106.07	0.00114	-74.25	-109.60	0.00113
-70.71	-113.14	0.00111	-63.64	-120.21	0.00105
-56.57	-127.28	0.00098	-49.50	-134.35	0.00090
-42.43	-141.42	0.00082	-35.36	-148.49	0.00074
-28.28	-155.56	0.00066	-21.21	-162.63	0.00058
-155.56	-14.14	0.00041	-148.49	-21.21	0.00048
-141.42	-28.28	0.00057	-134.35	-35.36	0.00068
-127.28	-42.43	0.00081	-120.21	-49.50	0.00097
-113.14	-56.57	0.00115	-106.07	-63.64	0.00131
-102.53	-67.18	0.00136	-98.99	-70.71	0.00139

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

18:23:07

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00140	-95.46	-74.25	0.00140
-94.05	-75.66	0.00140	-92.63	-77.07	0.00139
-91.22	-78.49	0.00139	-78.49	-91.22	0.00134
-77.07	-92.63	0.00134	-75.66	-94.05	0.00133
-74.25	-95.46	0.00133	-72.83	-96.87	0.00132
-70.71	-98.99	0.00131	-67.18	-102.53	0.00129
-63.64	-106.07	0.00126	-56.57	-113.14	0.00119
-49.50	-120.21	0.00109	-42.43	-127.28	0.00099
-35.36	-134.35	0.00088	-28.28	-141.42	0.00078
-21.21	-148.49	0.00069	-14.14	-155.56	0.00060
-148.49	-7.07	0.00042	-141.42	-14.14	0.00049
-134.35	-21.21	0.00058	-127.28	-28.28	0.00070
-120.21	-35.36	0.00085	-113.14	-42.43	0.00103
-106.07	-49.50	0.00125	-98.99	-56.57	0.00146
-95.46	-60.10	0.00155	-91.92	-63.64	0.00160
-89.80	-65.76	0.00162	-88.39	-67.18	0.00162
-86.97	-68.59	0.00163	-85.56	-70.00	0.00162
-84.15	-71.42	0.00162	-71.42	-84.15	0.00156
-70.00	-85.56	0.00155	-68.59	-86.97	0.00155
-67.18	-88.39	0.00154	-65.76	-89.80	0.00153
-63.64	-91.92	0.00152	-60.10	-95.46	0.00149
-56.57	-98.99	0.00145	-49.50	-106.07	0.00134
-42.43	-113.14	0.00121	-35.36	-120.21	0.00108
-28.28	-127.28	0.00095	-21.21	-134.35	0.00082
-14.14	-141.42	0.00071	-7.07	-148.49	0.00062
-141.42	0.00	0.00042	-134.35	-7.07	0.00050
-127.28	-14.14	0.00059	-120.21	-21.21	0.00072
-113.14	-28.28	0.00088	-106.07	-35.36	0.00108
-98.99	-42.43	0.00134	-91.92	-49.50	0.00162
-88.39	-53.03	0.00175	-84.85	-56.57	0.00185
-82.73	-58.69	0.00188	-81.32	-60.10	0.00190
-79.90	-61.52	0.00191	-78.49	-62.93	0.00191
-77.07	-64.35	0.00190	-64.35	-77.07	0.00183
-62.93	-78.49	0.00182	-61.52	-79.90	0.00181
-60.10	-81.32	0.00180	-58.69	-82.73	0.00179
-56.57	-84.85	0.00177	-53.03	-88.39	0.00172
-49.50	-91.92	0.00166	-42.43	-98.99	0.00151

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	-106.07	0.00134	-28.28	-113.14	0.00116
-21.21	-120.21	0.00100	-14.14	-127.28	0.00086
-7.07	-134.35	0.00073	0.00	-141.42	0.00062

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
 PAGE 69

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00043	-127.28	0.00	0.00050
-120.21	-7.07	0.00060	-113.14	-14.14	0.00073
-106.07	-21.21	0.00090	-98.99	-28.28	0.00113
-91.92	-35.36	0.00142	-84.85	-42.43	0.00178
-81.32	-45.96	0.00196	-77.78	-49.50	0.00212
-75.66	-51.62	0.00219	-74.25	-53.03	0.00223
-72.83	-54.45	0.00225	-71.42	-55.86	0.00226
-70.00	-57.28	0.00226	-57.28	-70.00	0.00216
-55.86	-71.42	0.00215	-54.45	-72.83	0.00214
-53.03	-74.25	0.00212	-51.62	-75.66	0.00210
-49.50	-77.78	0.00207	-45.96	-81.32	0.00200
-42.43	-84.85	0.00191	-35.36	-91.92	0.00169
-28.28	-98.99	0.00146	-21.21	-106.07	0.00124
-14.14	-113.14	0.00104	-7.07	-120.21	0.00088
0.00	-127.28	0.00074	7.07	-134.35	0.00062
-127.28	14.14	0.00043	-120.21	7.07	0.00051
-113.14	0.00	0.00061	-106.07	-7.07	0.00074
-98.99	-14.14	0.00092	-91.92	-21.21	0.00116
-84.85	-28.28	0.00149	-77.78	-35.36	0.00191
-74.25	-38.89	0.00215	-70.71	-42.43	0.00240
-68.59	-44.55	0.00252	-67.18	-45.96	0.00259
-65.76	-47.38	0.00265	-64.35	-48.79	0.00268
-62.93	-50.20	0.00270	-50.20	-62.93	0.00258
-48.79	-64.35	0.00256	-47.38	-65.76	0.00254
-45.96	-67.18	0.00252	-44.55	-68.59	0.00249
-42.43	-70.71	0.00243	-38.89	-74.25	0.00232
-35.36	-77.78	0.00218	-28.28	-84.85	0.00187
-21.21	-91.92	0.00156	-14.14	-98.99	0.00129
-7.07	-106.07	0.00107	0.00	-113.14	0.00088
7.07	-120.21	0.00073	14.14	-127.28	0.00060
-120.21	21.21	0.00044	-113.14	14.14	0.00051

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-106.07	7.07	0.00061	-98.99	0.00	0.00075
-91.92	-7.07	0.00093	-84.85	-14.14	0.00118
-77.78	-21.21	0.00153	-70.71	-28.28	0.00202
-67.18	-31.82	0.00231	-63.64	-35.36	0.00264
-61.52	-37.48	0.00283	-60.10	-38.89	0.00296
-58.69	-40.31	0.00307	-57.28	-41.72	0.00315
-55.86	-43.13	0.00322	-43.13	-55.86	0.00310
-41.72	-57.28	0.00307	-40.31	-58.69	0.00304
-38.89	-60.10	0.00299	-37.48	-61.52	0.00294

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
 PAGE 70
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00284	-31.82	-67.18	0.00265
-28.28	-70.71	0.00244	-21.21	-77.78	0.00201
-14.14	-84.85	0.00163	-7.07	-91.92	0.00131
0.00	-98.99	0.00106	7.07	-106.07	0.00086
14.14	-113.14	0.00070	21.21	-120.21	0.00058
-113.14	28.28	0.00044	-106.07	21.21	0.00052
-98.99	14.14	0.00062	-91.92	7.07	0.00076
-84.85	0.00	0.00094	-77.78	-7.07	0.00119
-70.71	-14.14	0.00155	-63.64	-21.21	0.00207
-60.10	-24.75	0.00241	-56.57	-28.28	0.00280
-54.45	-30.41	0.00307	-53.03	-31.82	0.00325
-51.62	-33.23	0.00343	-50.20	-34.65	0.00361
-48.79	-36.06	0.00376	-36.06	-48.79	0.00377
-34.65	-50.20	0.00371	-33.23	-51.62	0.00363
-31.82	-53.03	0.00353	-30.41	-54.45	0.00342
-28.28	-56.57	0.00325	-24.75	-60.10	0.00294
-21.21	-63.64	0.00263	-14.14	-70.71	0.00208
-7.07	-77.78	0.00163	0.00	-84.85	0.00129
7.07	-91.92	0.00103	14.14	-98.99	0.00083
21.21	-106.07	0.00067	28.28	-113.14	0.00055
-106.07	35.36	0.00045	-98.99	28.28	0.00053
-91.92	21.21	0.00063	-84.85	14.14	0.00077
-77.78	7.07	0.00095	-70.71	0.00	0.00120
-63.64	-7.07	0.00157	-56.57	-14.14	0.00210
-53.03	-17.68	0.00246	-49.50	-21.21	0.00289

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-47.38	-23.33	0.00319	-45.96	-24.75	0.00341
-44.55	-26.16	0.00365	-43.13	-27.58	0.00392
-41.72	-28.99	0.00422	-28.99	-41.72	0.00453
-27.58	-43.13	0.00432	-26.16	-44.55	0.00411
-24.75	-45.96	0.00391	-23.33	-47.38	0.00372
-21.21	-49.50	0.00345	-17.68	-53.03	0.00304
-14.14	-56.57	0.00267	-7.07	-63.64	0.00206
0.00	-70.71	0.00160	7.07	-77.78	0.00125
14.14	-84.85	0.00098	21.21	-91.92	0.00078
28.28	-98.99	0.00063	35.36	-106.07	0.00051
-98.99	42.43	0.00046	-91.92	35.36	0.00054
-84.85	28.28	0.00064	-77.78	21.21	0.00078
-70.71	14.14	0.00096	-63.64	7.07	0.00122
-56.57	0.00	0.00159	-49.50	-7.07	0.00215
-45.96	-10.61	0.00253	-42.43	-14.14	0.00302

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00338	-38.89	-17.68	0.00366
-37.48	-19.09	0.00398	-36.06	-20.51	0.00440
-34.65	-21.92	0.00497	-21.92	-34.65	0.00478
-20.51	-36.06	0.00447	-19.09	-37.48	0.00421
-17.68	-38.89	0.00398	-16.26	-40.31	0.00377
-14.14	-42.43	0.00347	-10.61	-45.96	0.00302
-7.07	-49.50	0.00263	0.00	-56.57	0.00201
7.07	-63.64	0.00154	14.14	-70.71	0.00119
21.21	-77.78	0.00093	28.28	-84.85	0.00073
35.36	-91.92	0.00059	42.43	-98.99	0.00048
-91.92	49.50	0.00047	-84.85	42.43	0.00055
-77.78	35.36	0.00066	-70.71	28.28	0.00081
-63.64	21.21	0.00101	-56.57	14.14	0.00129
-49.50	7.07	0.00172	-42.43	0.00	0.00248
-38.89	-3.54	0.00308	-35.36	-7.07	0.00394
-33.23	-9.19	0.00462	-31.82	-10.61	0.00513
-30.41	-12.02	0.00570	-28.99	-13.44	0.00634
-27.58	-14.85	0.00705	-14.85	-27.58	0.00489
-13.44	-28.99	0.00452	-12.02	-30.41	0.00422

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-10.61	-31.82	0.00395	-9.19	-33.23	0.00372
-7.07	-35.36	0.00340	-3.54	-38.89	0.00293
0.00	-42.43	0.00253	7.07	-49.50	0.00190
14.14	-56.57	0.00144	21.21	-63.64	0.00110
28.28	-70.71	0.00086	35.36	-77.78	0.00068
42.43	-84.85	0.00054	49.50	-91.92	0.00044
-84.85	56.57	0.00050	-77.78	49.50	0.00059
-70.71	42.43	0.00071	-63.64	35.36	0.00088
-56.57	28.28	0.00113	-49.50	21.21	0.00151
-42.43	14.14	0.00214	-35.36	7.07	0.00325
-31.82	3.54	0.00407	-28.28	0.00	0.00509
-26.16	-2.12	0.00580	-24.75	-3.54	0.00631
-23.33	-4.95	0.00685	-21.92	-6.36	0.00741
-20.51	-7.78	0.00803	-7.78	-20.51	0.00495
-6.36	-21.92	0.00453	-4.95	-23.33	0.00420
-3.54	-24.75	0.00391	-2.12	-26.16	0.00364
0.00	-28.28	0.00329	3.54	-31.82	0.00279
7.07	-35.36	0.00238	14.14	-42.43	0.00176
21.21	-49.50	0.00131	28.28	-56.57	0.00100
35.36	-63.64	0.00077	42.43	-70.71	0.00061
49.50	-77.78	0.00049	56.57	-84.85	0.00040

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00054	-70.71	56.57	0.00065
-63.64	49.50	0.00081	-56.57	42.43	0.00103
-49.50	35.36	0.00137	-42.43	28.28	0.00189
-35.36	21.21	0.00270	-28.28	14.14	0.00394
-24.75	10.61	0.00475	-21.21	7.07	0.00572
-19.09	4.95	0.00637	-17.68	3.54	0.00684
-16.26	2.12	0.00733	-14.85	0.71	0.00784
-13.44	-0.71	0.00840	-0.71	-13.44	0.00489
0.71	-14.85	0.00445	2.12	-16.26	0.00409
3.54	-17.68	0.00378	4.95	-19.09	0.00350
7.07	-21.21	0.00313	10.61	-24.75	0.00262
14.14	-28.28	0.00220	21.21	-35.36	0.00158
28.28	-42.43	0.00116	35.36	-49.50	0.00088

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

42.43	-56.57	0.00068	49.50	-63.64	0.00054
56.57	-70.71	0.00044	63.64	-77.78	0.00036
-70.71	70.71	0.00061	-63.64	63.64	0.00076
-56.57	56.57	0.00096	-49.50	49.50	0.00125
-42.43	42.43	0.00167	-35.36	35.36	0.00230
-28.28	28.28	0.00317	-21.21	21.21	0.00436
-17.68	17.68	0.00511	-14.14	14.14	0.00598
-12.02	12.02	0.00656	-10.61	10.61	0.00698
-9.19	9.19	0.00743	-7.78	7.78	0.00791
-6.36	6.36	0.00843	6.36	-6.36	0.00470
7.78	-7.78	0.00424	9.19	-9.19	0.00386
10.61	-10.61	0.00354	12.02	-12.02	0.00326
14.14	-14.14	0.00289	17.68	-17.68	0.00237
21.21	-21.21	0.00197	28.28	-28.28	0.00138
35.36	-35.36	0.00101	42.43	-42.43	0.00076
49.50	-49.50	0.00060	56.57	-56.57	0.00048
63.64	-63.64	0.00040	70.71	-70.71	0.00033
-63.64	77.78	0.00071	-56.57	70.71	0.00090
-49.50	63.64	0.00115	-42.43	56.57	0.00150
-35.36	49.50	0.00199	-28.28	42.43	0.00264
-21.21	35.36	0.00350	-14.14	28.28	0.00460
-10.61	24.75	0.00527	-7.07	21.21	0.00602
-4.95	19.09	0.00653	-3.54	17.68	0.00690
-2.12	16.26	0.00730	-0.71	14.85	0.00774
0.71	13.44	0.00823	13.44	0.71	0.00437
14.85	-0.71	0.00390	16.26	-2.12	0.00352
17.68	-3.54	0.00319	19.09	-4.95	0.00291

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00255	24.75	-10.61	0.00206
28.28	-14.14	0.00169	35.36	-21.21	0.00118
42.43	-28.28	0.00086	49.50	-35.36	0.00066
56.57	-42.43	0.00052	63.64	-49.50	0.00043
70.71	-56.57	0.00036	77.78	-63.64	0.00030
-56.57	84.85	0.00084	-49.50	77.78	0.00105
-42.43	70.71	0.00135	-35.36	63.64	0.00174

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-28.28	56.57	0.00224	-21.21	49.50	0.00289
-14.14	42.43	0.00371	-7.07	35.36	0.00473
-3.54	31.82	0.00531	0.00	28.28	0.00597
2.12	26.16	0.00639	3.54	24.75	0.00670
4.95	23.33	0.00703	6.36	21.92	0.00740
7.78	20.51	0.00784	20.51	7.78	0.00388
21.92	6.36	0.00341	23.33	4.95	0.00303
24.75	3.54	0.00272	26.16	2.12	0.00245
28.28	0.00	0.00212	31.82	-3.54	0.00169
35.36	-7.07	0.00139	42.43	-14.14	0.00098
49.50	-21.21	0.00074	56.57	-28.28	0.00058
63.64	-35.36	0.00047	70.71	-42.43	0.00039
77.78	-49.50	0.00033	84.85	-56.57	0.00028
-49.50	91.92	0.00096	-42.43	84.85	0.00121
-35.36	77.78	0.00152	-28.28	70.71	0.00193
-21.21	63.64	0.00243	-14.14	56.57	0.00307
-7.07	49.50	0.00385	0.00	42.43	0.00479
3.54	38.89	0.00532	7.07	35.36	0.00589
9.19	33.23	0.00623	10.61	31.82	0.00647
12.02	30.41	0.00672	13.44	28.99	0.00700
14.85	27.58	0.00734	27.58	14.85	0.00320
28.99	13.44	0.00275	30.41	12.02	0.00241
31.82	10.61	0.00214	33.23	9.19	0.00193
35.36	7.07	0.00166	38.89	3.54	0.00135
42.43	0.00	0.00113	49.50	-7.07	0.00085
56.57	-14.14	0.00066	63.64	-21.21	0.00053
70.71	-28.28	0.00043	77.78	-35.36	0.00036
84.85	-42.43	0.00030	91.92	-49.50	0.00026
-42.43	98.99	0.00109	-35.36	91.92	0.00135
-28.28	84.85	0.00167	-21.21	77.78	0.00207
-14.14	70.71	0.00256	-7.07	63.64	0.00317
0.00	56.57	0.00392	7.07	49.50	0.00480
10.61	45.96	0.00530	14.14	42.43	0.00580

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
 PAGE 74
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00609	17.68	38.89	0.00629

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

19.09	37.48	0.00648	20.51	36.06	0.00669
21.92	34.65	0.00689	34.65	21.92	0.00238
36.06	20.51	0.00207	37.48	19.09	0.00185
38.89	17.68	0.00168	40.31	16.26	0.00154
42.43	14.14	0.00137	45.96	10.61	0.00115
49.50	7.07	0.00099	56.57	0.00	0.00076
63.64	-7.07	0.00060	70.71	-14.14	0.00048
77.78	-21.21	0.00040	84.85	-28.28	0.00033
91.92	-35.36	0.00028	98.99	-42.43	0.00024
-35.36	106.07	0.00120	-28.28	98.99	0.00146
-21.21	91.92	0.00178	-14.14	84.85	0.00217
-7.07	77.78	0.00265	0.00	70.71	0.00323
7.07	63.64	0.00392	14.14	56.57	0.00474
17.68	53.03	0.00518	21.21	49.50	0.00560
23.33	47.38	0.00584	24.75	45.96	0.00597
26.16	44.55	0.00608	27.58	43.13	0.00612
28.99	41.72	0.00606	41.72	28.99	0.00202
43.13	27.58	0.00181	44.55	26.16	0.00163
45.96	24.75	0.00149	47.38	23.33	0.00137
49.50	21.21	0.00123	53.03	17.68	0.00104
56.57	14.14	0.00089	63.64	7.07	0.00069
70.71	0.00	0.00055	77.78	-7.07	0.00044
84.85	-14.14	0.00036	91.92	-21.21	0.00030
98.99	-28.28	0.00026	106.07	-35.36	0.00022
-28.28	113.14	0.00129	-21.21	106.07	0.00154
-14.14	98.99	0.00185	-7.07	91.92	0.00222
0.00	84.85	0.00266	7.07	77.78	0.00318
14.14	70.71	0.00377	21.21	63.64	0.00433
24.75	60.10	0.00452	28.28	56.57	0.00455
30.41	54.45	0.00446	31.82	53.03	0.00436
33.23	51.62	0.00421	34.65	50.20	0.00403
36.06	48.79	0.00381	48.79	36.06	0.00174
50.20	34.65	0.00159	51.62	33.23	0.00146
53.03	31.82	0.00135	54.45	30.41	0.00125
56.57	28.28	0.00112	60.10	24.75	0.00096
63.64	21.21	0.00082	70.71	14.14	0.00064
77.78	7.07	0.00051	84.85	0.00	0.00041
91.92	-7.07	0.00034	98.99	-14.14	0.00028
106.07	-21.21	0.00024	113.14	-28.28	0.00021

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

18:23:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-21.21	120.21	0.00135	-14.14	113.14	0.00159	
-7.07	106.07	0.00187	0.00	98.99	0.00220	
7.07	91.92	0.00257	14.14	84.85	0.00296	
21.21	77.78	0.00330	28.28	70.71	0.00343	
31.82	67.18	0.00337	35.36	63.64	0.00321	
37.48	61.52	0.00307	38.89	60.10	0.00297	
40.31	58.69	0.00285	41.72	57.28	0.00273	
43.13	55.86	0.00261	55.86	43.13	0.00145	
57.28	41.72	0.00134	58.69	40.31	0.00125	
60.10	38.89	0.00117	61.52	37.48	0.00109	
63.64	35.36	0.00100	67.18	31.82	0.00087	
70.71	28.28	0.00076	77.78	21.21	0.00059	
84.85	14.14	0.00047	91.92	7.07	0.00039	
98.99	0.00	0.00032	106.07	-7.07	0.00027	
113.14	-14.14	0.00023	120.21	-21.21	0.00020	
-14.14	127.28	0.00137	-7.07	120.21	0.00159	
0.00	113.14	0.00183	7.07	106.07	0.00209	
14.14	98.99	0.00235	21.21	91.92	0.00256	
28.28	84.85	0.00266	35.36	77.78	0.00258	
38.89	74.25	0.00248	42.43	70.71	0.00233	
44.55	68.59	0.00223	45.96	67.18	0.00215	
47.38	65.76	0.00208	48.79	64.35	0.00200	
50.20	62.93	0.00193	62.93	50.20	0.00121	
64.35	48.79	0.00113	65.76	47.38	0.00106	
67.18	45.96	0.00100	68.59	44.55	0.00094	
70.71	42.43	0.00087	74.25	38.89	0.00077	
77.78	35.36	0.00068	84.85	28.28	0.00055	
91.92	21.21	0.00045	98.99	14.14	0.00037	
106.07	7.07	0.00031	113.14	0.00	0.00026	
120.21	-7.07	0.00022	127.28	-14.14	0.00019	
-7.07	134.35	0.00135	0.00	127.28	0.00153	
7.07	120.21	0.00171	14.14	113.14	0.00189	
21.21	106.07	0.00203	28.28	98.99	0.00211	
35.36	91.92	0.00209	42.43	84.85	0.00197	
45.96	81.32	0.00188	49.50	77.78	0.00176	
51.62	75.66	0.00169	53.03	74.25	0.00164	
54.45	72.83	0.00160	55.86	71.42	0.00155	
57.28	70.00	0.00151	70.00	57.28	0.00102	
71.42	55.86	0.00096	72.83	54.45	0.00091	

74.25 53.03 0.00086 75.66 51.62 0.00082

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00076	81.32	45.96	0.00067
84.85	42.43	0.00061	91.92	35.36	0.00050
98.99	28.28	0.00042	106.07	21.21	0.00035
113.14	14.14	0.00029	120.21	7.07	0.00025
127.28	0.00	0.00021	134.35	-7.07	0.00018
0.00	141.42	0.00129	7.07	134.35	0.00143
14.14	127.28	0.00155	21.21	120.21	0.00165
28.28	113.14	0.00171	35.36	106.07	0.00171
42.43	98.99	0.00166	49.50	91.92	0.00155
53.03	88.39	0.00147	56.57	84.85	0.00138
58.69	82.73	0.00134	60.10	81.32	0.00130
61.52	79.90	0.00127	62.93	78.49	0.00124
64.35	77.07	0.00121	77.07	64.35	0.00087
78.49	62.93	0.00082	79.90	61.52	0.00078
81.32	60.10	0.00074	82.73	58.69	0.00071
84.85	56.57	0.00066	88.39	53.03	0.00059
91.92	49.50	0.00054	98.99	42.43	0.00045
106.07	35.36	0.00038	113.14	28.28	0.00033
120.21	21.21	0.00028	127.28	14.14	0.00024
134.35	7.07	0.00020	141.42	0.00	0.00018
7.07	148.49	0.00120	14.14	141.42	0.00129
21.21	134.35	0.00136	28.28	127.28	0.00141
35.36	120.21	0.00142	42.43	113.14	0.00140
49.50	106.07	0.00134	56.57	98.99	0.00124
60.10	95.46	0.00118	63.64	91.92	0.00112
65.76	89.80	0.00109	67.18	88.39	0.00106
68.59	86.97	0.00104	70.00	85.56	0.00102
71.42	84.15	0.00100	84.15	71.42	0.00074
85.56	70.00	0.00071	86.97	68.59	0.00068
88.39	67.18	0.00065	89.80	65.76	0.00062
91.92	63.64	0.00058	95.46	60.10	0.00052
98.99	56.57	0.00048	106.07	49.50	0.00040
113.14	42.43	0.00035	120.21	35.36	0.00030

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

127.28	28.28	0.00026	134.35	21.21	0.00023
141.42	14.14	0.00020	148.49	7.07	0.00017
14.14	155.56	0.00109	21.21	148.49	0.00114
28.28	141.42	0.00118	35.36	134.35	0.00120
42.43	127.28	0.00119	49.50	120.21	0.00116
56.57	113.14	0.00110	63.64	106.07	0.00101
67.18	102.53	0.00097	70.71	98.99	0.00093

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3 ***

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00090	74.25	95.46	0.00089
75.66	94.05	0.00087	77.07	92.63	0.00085
78.49	91.22	0.00084	91.22	78.49	0.00064
92.63	77.07	0.00062	94.05	75.66	0.00059
95.46	74.25	0.00057	96.87	72.83	0.00055
98.99	70.71	0.00051	102.53	67.18	0.00047
106.07	63.64	0.00043	113.14	56.57	0.00036
120.21	49.50	0.00032	127.28	42.43	0.00028
134.35	35.36	0.00024	141.42	28.28	0.00021
148.49	21.21	0.00019	155.56	14.14	0.00017
21.21	162.63	0.00097	28.28	155.56	0.00100
35.36	148.49	0.00102	42.43	141.42	0.00102
49.50	134.35	0.00101	56.57	127.28	0.00097
63.64	120.21	0.00091	70.71	113.14	0.00085
74.25	109.60	0.00081	77.78	106.07	0.00078
79.90	103.94	0.00076	81.32	102.53	0.00075
82.73	101.12	0.00074	84.15	99.70	0.00073
85.56	98.29	0.00071	98.29	85.56	0.00056
99.70	84.15	0.00054	101.12	82.73	0.00052
102.53	81.32	0.00050	103.94	79.90	0.00048
106.07	77.78	0.00046	109.60	74.25	0.00042
113.14	70.71	0.00038	120.21	63.64	0.00033
127.28	56.57	0.00029	134.35	49.50	0.00025
141.42	42.43	0.00023	148.49	35.36	0.00020
155.56	28.28	0.00018	162.63	21.21	0.00016
28.28	169.71	0.00086	35.36	162.63	0.00088
42.43	155.56	0.00089	49.50	148.49	0.00088

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

56.57	141.42	0.00086	63.64	134.35	0.00082
70.71	127.28	0.00077	77.78	120.21	0.00072
81.32	116.67	0.00069	84.85	113.14	0.00067
86.97	111.02	0.00065	88.39	109.60	0.00064
89.80	108.19	0.00063	91.22	106.77	0.00062
92.63	105.36	0.00061	105.36	92.63	0.00050
106.77	91.22	0.00048	108.19	89.80	0.00046
109.60	88.39	0.00045	111.02	86.97	0.00043
113.14	84.85	0.00041	116.67	81.32	0.00037
120.21	77.78	0.00035	127.28	70.71	0.00030
134.35	63.64	0.00026	141.42	56.57	0.00023
148.49	49.50	0.00021	155.56	42.43	0.00019
162.63	35.36	0.00017	169.71	28.28	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00077	42.43	169.71	0.00077
49.50	162.63	0.00077	56.57	155.56	0.00076
63.64	148.49	0.00074	70.71	141.42	0.00070
77.78	134.35	0.00066	84.85	127.28	0.00062
88.39	123.74	0.00060	91.92	120.21	0.00058
94.05	118.09	0.00057	95.46	116.67	0.00056
96.87	115.26	0.00055	98.29	113.84	0.00054
99.70	112.43	0.00054	112.43	99.70	0.00044
113.84	98.29	0.00043	115.26	96.87	0.00041
116.67	95.46	0.00040	118.09	94.05	0.00039
120.21	91.92	0.00037	123.74	88.39	0.00034
127.28	84.85	0.00031	134.35	77.78	0.00027
141.42	70.71	0.00024	148.49	63.64	0.00022
155.56	56.57	0.00019	162.63	49.50	0.00017
169.71	42.43	0.00016	176.78	35.36	0.00014
42.43	183.85	0.00068	49.50	176.78	0.00068
56.57	169.71	0.00068	63.64	162.63	0.00066
70.71	155.56	0.00064	77.78	148.49	0.00061
84.85	141.42	0.00057	91.92	134.35	0.00054
95.46	130.81	0.00052	98.99	127.28	0.00051
101.12	125.16	0.00050	102.53	123.74	0.00049

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

103.94	122.33	0.00048	105.36	120.92	0.00048
106.77	119.50	0.00047	119.50	106.77	0.00039
120.92	105.36	0.00038	122.33	103.94	0.00037
123.74	102.53	0.00036	125.16	101.12	0.00035
127.28	98.99	0.00033	130.81	95.46	0.00031
134.35	91.92	0.00029	141.42	84.85	0.00025
148.49	77.78	0.00022	155.56	70.71	0.00020
162.63	63.64	0.00018	169.71	56.57	0.00016
176.78	49.50	0.00015	183.85	42.43	0.00014
49.50	190.92	0.00061	56.57	183.85	0.00061
63.64	176.78	0.00060	70.71	169.71	0.00058
77.78	162.63	0.00056	84.85	155.56	0.00053
91.92	148.49	0.00050	98.99	141.42	0.00047
102.53	137.89	0.00046	106.07	134.35	0.00045
108.19	132.23	0.00044	109.60	130.81	0.00043
111.02	129.40	0.00043	112.43	127.99	0.00042
113.84	126.57	0.00042	126.57	113.84	0.00035
127.99	112.43	0.00034	129.40	111.02	0.00033
130.81	109.60	0.00032	132.23	108.19	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
 PAGE 79
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00030	137.89	102.53	0.00028
141.42	98.99	0.00026	148.49	91.92	0.00023
155.56	84.85	0.00020	162.63	77.78	0.00018
169.71	70.71	0.00017	176.78	63.64	0.00015
183.85	56.57	0.00014	190.92	49.50	0.00013
56.57	197.99	0.00054	63.64	190.92	0.00054
70.71	183.85	0.00053	77.78	176.78	0.00051
84.85	169.71	0.00049	91.92	162.63	0.00046
98.99	155.56	0.00044	106.07	148.49	0.00042
109.60	144.96	0.00041	113.14	141.42	0.00040
115.26	139.30	0.00039	116.67	137.89	0.00039
118.09	136.47	0.00038	119.50	135.06	0.00038
120.92	133.64	0.00037	133.64	120.92	0.00032
135.06	119.50	0.00031	136.47	118.09	0.00030
137.89	116.67	0.00029	139.30	115.26	0.00029

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

141.42	113.14	0.00028	144.96	109.60	0.00026
148.49	106.07	0.00024	155.56	98.99	0.00021
162.63	91.92	0.00019	169.71	84.85	0.00017
176.78	77.78	0.00016	183.85	70.71	0.00014
190.92	63.64	0.00013	197.99	56.57	0.00012
63.64	205.06	0.00049	70.71	197.99	0.00048
77.78	190.92	0.00047	84.85	183.85	0.00045
91.92	176.78	0.00043	98.99	169.71	0.00041
106.07	162.63	0.00039	113.14	155.56	0.00037
116.67	152.03	0.00036	120.21	148.49	0.00036
122.33	146.37	0.00035	123.74	144.96	0.00035
125.16	143.54	0.00034	126.57	142.13	0.00034
127.99	140.71	0.00033	140.71	127.99	0.00029
142.13	126.57	0.00028	143.54	125.16	0.00027
144.96	123.74	0.00027	146.37	122.33	0.00026
148.49	120.21	0.00025	152.03	116.67	0.00024
155.56	113.14	0.00022	162.63	106.07	0.00020
169.71	98.99	0.00018	176.78	91.92	0.00016
183.85	84.85	0.00015	190.92	77.78	0.00013
197.99	70.71	0.00012	205.06	63.64	0.00011
70.71	212.13	0.00044	77.78	205.06	0.00043
84.85	197.99	0.00042	91.92	190.92	0.00040
98.99	183.85	0.00039	106.07	176.78	0.00037
113.14	169.71	0.00035	120.21	162.63	0.00034
123.74	159.10	0.00033	127.28	155.56	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00032	130.81	152.03	0.00031
132.23	150.61	0.00031	133.64	149.20	0.00031
135.06	147.79	0.00030	147.79	135.06	0.00026
149.20	133.64	0.00026	150.61	132.23	0.00025
152.03	130.81	0.00025	153.44	129.40	0.00024
155.56	127.28	0.00023	159.10	123.74	0.00022
162.63	120.21	0.00020	169.71	113.14	0.00018
176.78	106.07	0.00016	183.85	98.99	0.00015
190.92	91.92	0.00014	197.99	84.85	0.00013

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

205.06	77.78	0.00012	212.13	70.71	0.00011
77.78	219.20	0.00040	84.85	212.13	0.00039
91.92	205.06	0.00038	98.99	197.99	0.00036
106.07	190.92	0.00035	113.14	183.85	0.00033
120.21	176.78	0.00032	127.28	169.71	0.00030
130.81	166.17	0.00030	134.35	162.63	0.00029
136.47	160.51	0.00029	137.89	159.10	0.00028
139.30	157.68	0.00028	140.71	156.27	0.00028
142.13	154.86	0.00027	154.86	142.13	0.00024
156.27	140.71	0.00024	157.68	139.30	0.00023
159.10	137.89	0.00023	160.51	136.47	0.00022
162.63	134.35	0.00021	166.17	130.81	0.00020
169.71	127.28	0.00019	176.78	120.21	0.00017
183.85	113.14	0.00015	190.92	106.07	0.00014
197.99	98.99	0.00013	205.06	91.92	0.00012
212.13	84.85	0.00011	219.20	77.78	0.00010
84.85	226.27	0.00036	91.92	219.20	0.00035
98.99	212.13	0.00034	106.07	205.06	0.00033
113.14	197.99	0.00031	120.21	190.92	0.00030
127.28	183.85	0.00029	134.35	176.78	0.00028
137.89	173.24	0.00027	141.42	169.71	0.00026
143.54	167.58	0.00026	144.96	166.17	0.00026
146.37	164.76	0.00026	147.79	163.34	0.00025
149.20	161.93	0.00025	161.93	149.20	0.00022
163.34	147.79	0.00022	164.76	146.37	0.00021
166.17	144.96	0.00021	167.58	143.54	0.00020
169.71	141.42	0.00020	173.24	137.89	0.00019
176.78	134.35	0.00018	183.85	127.28	0.00016
190.92	120.21	0.00014	197.99	113.14	0.00013
205.06	106.07	0.00012	212.13	98.99	0.00011
219.20	91.92	0.00010	226.27	84.85	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00033	98.99	226.27	0.00032
106.07	219.20	0.00031	113.14	212.13	0.00029
120.21	205.06	0.00028	127.28	197.99	0.00027

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

134.35	190.92	0.00026	141.42	183.85	0.00025
144.96	180.31	0.00025	148.49	176.78	0.00024
150.61	174.66	0.00024	152.03	173.24	0.00024
153.44	171.83	0.00023	154.86	170.41	0.00023
156.27	169.00	0.00023	169.00	156.27	0.00020
170.41	154.86	0.00020	171.83	153.44	0.00020
173.24	152.03	0.00019	174.66	150.61	0.00019
176.78	148.49	0.00018	180.31	144.96	0.00017
183.85	141.42	0.00017	190.92	134.35	0.00015
197.99	127.28	0.00013	205.06	120.21	0.00012
212.13	113.14	0.00011	219.20	106.07	0.00011
226.27	98.99	0.00010	233.35	91.92	0.00009
98.99	240.42	0.00030	106.07	233.35	0.00029
113.14	226.27	0.00028	120.21	219.20	0.00027
127.28	212.13	0.00026	134.35	205.06	0.00025
141.42	197.99	0.00024	148.49	190.92	0.00023
152.03	187.38	0.00023	155.56	183.85	0.00022
157.68	181.73	0.00022	159.10	180.31	0.00022
160.51	178.90	0.00022	161.93	177.48	0.00021
163.34	176.07	0.00021	176.07	163.34	0.00019
177.48	161.93	0.00018	178.90	160.51	0.00018
180.31	159.10	0.00018	181.73	157.68	0.00018
183.85	155.56	0.00017	187.38	152.03	0.00016
190.92	148.49	0.00015	197.99	141.42	0.00014
205.06	134.35	0.00013	212.13	127.28	0.00012
219.20	120.21	0.00011	226.27	113.14	0.00010
233.35	106.07	0.00009	240.42	98.99	0.00009
106.07	247.49	0.00027	113.14	240.42	0.00026
120.21	233.35	0.00025	127.28	226.27	0.00024
134.35	219.20	0.00024	141.42	212.13	0.00023
148.49	205.06	0.00022	155.56	197.99	0.00021
159.10	194.45	0.00021	162.63	190.92	0.00020
164.76	188.80	0.00020	166.17	187.38	0.00020
167.58	185.97	0.00020	169.00	184.55	0.00020
170.41	183.14	0.00020	183.14	170.41	0.00017
184.55	169.00	0.00017	185.97	167.58	0.00017
187.38	166.17	0.00017	188.80	164.76	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00016	194.45	159.10	0.00015
197.99	155.56	0.00014	205.06	148.49	0.00013
212.13	141.42	0.00012	219.20	134.35	0.00011
226.27	127.28	0.00010	233.35	120.21	0.00009
240.42	113.14	0.00009	247.49	106.07	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00038	-240.42	-113.14	0.00043
-233.35	-120.21	0.00050	-226.27	-127.28	0.00057
-219.20	-134.35	0.00065	-212.13	-141.42	0.00073
-205.06	-148.49	0.00079	-197.99	-155.56	0.00083
-194.45	-159.10	0.00083	-190.92	-162.63	0.00083
-188.80	-164.76	0.00083	-187.38	-166.17	0.00083
-185.97	-167.58	0.00083	-184.55	-169.00	0.00083
-183.14	-170.41	0.00082	-170.41	-183.14	0.00080
-169.00	-184.55	0.00080	-167.58	-185.97	0.00080
-166.17	-187.38	0.00080	-164.76	-188.80	0.00079
-162.63	-190.92	0.00079	-159.10	-194.45	0.00078
-155.56	-197.99	0.00078	-148.49	-205.06	0.00076
-141.42	-212.13	0.00073	-134.35	-219.20	0.00069
-127.28	-226.27	0.00064	-120.21	-233.35	0.00060
-113.14	-240.42	0.00055	-106.07	-247.49	0.00051
-240.42	-98.99	0.00039	-233.35	-106.07	0.00045
-226.27	-113.14	0.00052	-219.20	-120.21	0.00060
-212.13	-127.28	0.00069	-205.06	-134.35	0.00079
-197.99	-141.42	0.00087	-190.92	-148.49	0.00092
-187.38	-152.03	0.00093	-183.85	-155.56	0.00094
-181.73	-157.68	0.00094	-180.31	-159.10	0.00094
-178.90	-160.51	0.00093	-177.48	-161.93	0.00093
-176.07	-163.34	0.00093	-163.34	-176.07	0.00090
-161.93	-177.48	0.00090	-160.51	-178.90	0.00090
-159.10	-180.31	0.00090	-157.68	-181.73	0.00089
-155.56	-183.85	0.00089	-152.03	-187.38	0.00088

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-148.49	-190.92	0.00087	-141.42	-197.99	0.00084
-134.35	-205.06	0.00080	-127.28	-212.13	0.00075
-120.21	-219.20	0.00070	-113.14	-226.27	0.00064
-106.07	-233.35	0.00059	-98.99	-240.42	0.00053
-233.35	-91.92	0.00040	-226.27	-99.00	0.00046
-219.20	-106.07	0.00054	-212.13	-113.14	0.00063
-205.06	-120.21	0.00073	-197.99	-127.28	0.00085
-190.92	-134.35	0.00096	-183.85	-141.42	0.00103
-180.31	-144.96	0.00105	-176.78	-148.49	0.00106
-174.66	-150.61	0.00106	-173.24	-152.03	0.00106
-171.83	-153.44	0.00106	-170.41	-154.86	0.00106
-169.00	-156.27	0.00105	-156.27	-169.00	0.00102
-154.86	-170.41	0.00102	-153.44	-171.83	0.00102
-152.03	-173.24	0.00101	-150.61	-174.66	0.00101

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00100	-144.96	-180.31	0.00099
-141.42	-183.85	0.00098	-134.35	-190.92	0.00094
-127.28	-197.99	0.00089	-120.21	-205.06	0.00082
-113.14	-212.13	0.00076	-106.07	-219.20	0.00069
-98.99	-226.27	0.00062	-91.92	-233.35	0.00056
-226.27	-84.85	0.00041	-219.20	-91.92	0.00047
-212.13	-99.00	0.00055	-205.06	-106.07	0.00065
-197.99	-113.14	0.00077	-190.92	-120.21	0.00091
-183.85	-127.28	0.00105	-176.78	-134.35	0.00116
-173.24	-137.89	0.00119	-169.71	-141.42	0.00121
-167.58	-143.54	0.00121	-166.17	-144.96	0.00121
-164.76	-146.37	0.00121	-163.34	-147.79	0.00121
-161.93	-149.20	0.00121	-149.20	-161.93	0.00117
-147.79	-163.34	0.00116	-146.37	-164.76	0.00116
-144.96	-166.17	0.00115	-143.54	-167.58	0.00115
-141.42	-169.71	0.00114	-137.89	-173.24	0.00113
-134.35	-176.78	0.00111	-127.28	-183.85	0.00105
-120.21	-190.92	0.00098	-113.14	-197.99	0.00090
-106.07	-205.06	0.00082	-98.99	-212.13	0.00074
-91.92	-219.20	0.00066	-84.85	-226.27	0.00058

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-219.20	-77.78	0.00041	-212.13	-84.85	0.00048
-205.06	-91.92	0.00057	-197.99	-99.00	0.00068
-190.92	-106.07	0.00081	-183.85	-113.14	0.00097
-176.78	-120.21	0.00115	-169.71	-127.28	0.00131
-166.17	-130.81	0.00136	-162.63	-134.35	0.00139
-160.51	-136.47	0.00140	-159.10	-137.89	0.00140
-157.68	-139.30	0.00140	-156.27	-140.71	0.00139
-154.86	-142.13	0.00139	-142.13	-154.86	0.00134
-140.71	-156.27	0.00134	-139.30	-157.68	0.00133
-137.89	-159.10	0.00133	-136.47	-160.51	0.00132
-134.35	-162.63	0.00131	-130.81	-166.17	0.00129
-127.28	-169.71	0.00126	-120.21	-176.78	0.00119
-113.14	-183.85	0.00109	-106.07	-190.92	0.00099
-98.99	-197.99	0.00088	-91.92	-205.06	0.00078
-84.85	-212.13	0.00069	-77.78	-219.20	0.00060
-212.13	-70.71	0.00042	-205.06	-77.78	0.00049
-197.99	-84.85	0.00058	-190.92	-91.92	0.00070
-183.85	-98.99	0.00085	-176.78	-106.07	0.00103
-169.71	-113.14	0.00125	-162.63	-120.21	0.00146
-159.10	-123.74	0.00155	-155.56	-127.28	0.00160

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00162	-152.03	-130.81	0.00162
-150.61	-132.23	0.00163	-149.20	-133.64	0.00162
-147.79	-135.06	0.00162	-135.06	-147.79	0.00156
-133.64	-149.20	0.00155	-132.23	-150.61	0.00155
-130.81	-152.03	0.00154	-129.40	-153.44	0.00153
-127.28	-155.56	0.00152	-123.74	-159.10	0.00149
-120.21	-162.63	0.00145	-113.14	-169.71	0.00134
-106.07	-176.78	0.00121	-98.99	-183.85	0.00108
-91.92	-190.92	0.00095	-84.85	-197.99	0.00082
-77.78	-205.06	0.00071	-70.71	-212.13	0.00062
-205.06	-63.64	0.00042	-197.99	-70.71	0.00050
-190.92	-77.78	0.00059	-183.85	-84.85	0.00072
-176.78	-91.92	0.00088	-169.71	-98.99	0.00108
-162.63	-106.07	0.00134	-155.56	-113.14	0.00162

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-152.03	-116.67	0.00175	-148.49	-120.21	0.00185
-146.37	-122.33	0.00188	-144.96	-123.74	0.00190
-143.54	-125.16	0.00191	-142.13	-126.57	0.00191
-140.71	-127.99	0.00190	-127.99	-140.71	0.00183
-126.57	-142.13	0.00182	-125.16	-143.54	0.00181
-123.74	-144.96	0.00180	-122.33	-146.37	0.00179
-120.21	-148.49	0.00177	-116.67	-152.03	0.00172
-113.14	-155.56	0.00166	-106.07	-162.63	0.00151
-98.99	-169.71	0.00134	-91.92	-176.78	0.00116
-84.85	-183.85	0.00100	-77.78	-190.92	0.00086
-70.71	-197.99	0.00073	-63.64	-205.06	0.00062
-197.99	-56.57	0.00043	-190.92	-63.64	0.00050
-183.85	-70.71	0.00060	-176.78	-77.78	0.00073
-169.71	-84.85	0.00090	-162.63	-91.92	0.00113
-155.56	-98.99	0.00142	-148.49	-106.07	0.00178
-144.96	-109.60	0.00196	-141.42	-113.14	0.00212
-139.30	-115.26	0.00219	-137.89	-116.67	0.00223
-136.47	-118.09	0.00225	-135.06	-119.50	0.00226
-133.64	-120.92	0.00226	-120.92	-133.64	0.00216
-119.50	-135.06	0.00215	-118.09	-136.47	0.00214
-116.67	-137.89	0.00212	-115.26	-139.30	0.00210
-113.14	-141.42	0.00207	-109.60	-144.96	0.00200
-106.07	-148.49	0.00191	-98.99	-155.56	0.00169
-91.92	-162.63	0.00146	-84.85	-169.71	0.00124
-77.78	-176.78	0.00104	-70.71	-183.85	0.00088
-63.64	-190.92	0.00074	-56.57	-197.99	0.00062

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00043	-183.85	-56.57	0.00051
-176.78	-63.64	0.00061	-169.71	-70.71	0.00074
-162.63	-77.78	0.00092	-155.56	-84.85	0.00116
-148.49	-91.92	0.00149	-141.42	-98.99	0.00191
-137.89	-102.53	0.00215	-134.35	-106.07	0.00240
-132.23	-108.19	0.00252	-130.81	-109.60	0.00259
-129.40	-111.02	0.00265	-127.99	-112.43	0.00268
-126.57	-113.84	0.00270	-113.84	-126.57	0.00258

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-112.43	-127.99	0.00256	-111.02	-129.40	0.00254
-109.60	-130.81	0.00252	-108.19	-132.23	0.00249
-106.07	-134.35	0.00243	-102.53	-137.89	0.00232
-98.99	-141.42	0.00218	-91.92	-148.49	0.00187
-84.85	-155.56	0.00156	-77.78	-162.63	0.00129
-70.71	-169.71	0.00107	-63.64	-176.78	0.00088
-56.57	-183.85	0.00073	-49.50	-190.92	0.00060
-183.85	-42.43	0.00044	-176.78	-49.50	0.00051
-169.71	-56.57	0.00061	-162.63	-63.64	0.00075
-155.56	-70.71	0.00093	-148.49	-77.78	0.00118
-141.42	-84.85	0.00153	-134.35	-91.92	0.00202
-130.81	-95.46	0.00231	-127.28	-98.99	0.00264
-125.16	-101.12	0.00283	-123.74	-102.53	0.00296
-122.33	-103.94	0.00307	-120.92	-105.36	0.00315
-119.50	-106.77	0.00322	-106.77	-119.50	0.00310
-105.36	-120.92	0.00307	-103.94	-122.33	0.00304
-102.53	-123.74	0.00299	-101.12	-125.16	0.00294
-98.99	-127.28	0.00284	-95.46	-130.81	0.00265
-91.92	-134.35	0.00244	-84.85	-141.42	0.00201
-77.78	-148.49	0.00163	-70.71	-155.56	0.00131
-63.64	-162.63	0.00106	-56.57	-169.71	0.00086
-49.50	-176.78	0.00070	-42.43	-183.85	0.00058
-176.78	-35.36	0.00044	-169.71	-42.43	0.00052
-162.63	-49.50	0.00062	-155.56	-56.57	0.00076
-148.49	-63.64	0.00094	-141.42	-70.71	0.00119
-134.35	-77.78	0.00155	-127.28	-84.85	0.00207
-123.74	-88.39	0.00241	-120.21	-91.92	0.00280
-118.09	-94.05	0.00307	-116.67	-95.46	0.00325
-115.26	-96.87	0.00343	-113.84	-98.29	0.00361
-112.43	-99.70	0.00376	-99.70	-112.43	0.00377
-98.29	-113.84	0.00371	-96.87	-115.26	0.00363
-95.46	-116.67	0.00353	-94.05	-118.09	0.00342

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00325	-88.39	-123.74	0.00294
-84.85	-127.28	0.00263	-77.78	-134.35	0.00208

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-70.71	-141.42	0.00163	-63.64	-148.49	0.00129
-56.57	-155.56	0.00103	-49.50	-162.63	0.00083
-42.43	-169.71	0.00067	-35.36	-176.78	0.00055
-169.71	-28.28	0.00045	-162.63	-35.36	0.00053
-155.56	-42.43	0.00063	-148.49	-49.50	0.00077
-141.42	-56.57	0.00095	-134.35	-63.64	0.00120
-127.28	-70.71	0.00157	-120.21	-77.78	0.00210
-116.67	-81.32	0.00246	-113.14	-84.85	0.00289
-111.02	-86.97	0.00319	-109.60	-88.39	0.00341
-108.19	-89.80	0.00365	-106.77	-91.22	0.00392
-105.36	-92.63	0.00422	-92.63	-105.36	0.00453
-91.22	-106.77	0.00432	-89.80	-108.19	0.00411
-88.39	-109.60	0.00391	-86.97	-111.02	0.00372
-84.85	-113.14	0.00345	-81.32	-116.67	0.00304
-77.78	-120.21	0.00267	-70.71	-127.28	0.00206
-63.64	-134.35	0.00160	-56.57	-141.42	0.00125
-49.50	-148.49	0.00098	-42.43	-155.56	0.00078
-35.36	-162.63	0.00063	-28.28	-169.71	0.00051
-162.63	-21.21	0.00046	-155.56	-28.28	0.00054
-148.49	-35.36	0.00064	-141.42	-42.43	0.00078
-134.35	-49.50	0.00096	-127.28	-56.57	0.00122
-120.21	-63.64	0.00159	-113.14	-70.71	0.00215
-109.60	-74.25	0.00253	-106.07	-77.78	0.00302
-103.94	-79.90	0.00338	-102.53	-81.32	0.00366
-101.12	-82.73	0.00398	-99.70	-84.15	0.00440
-98.29	-85.56	0.00497	-85.56	-98.29	0.00478
-84.15	-99.70	0.00447	-82.73	-101.12	0.00421
-81.32	-102.53	0.00398	-79.90	-103.94	0.00377
-77.78	-106.07	0.00347	-74.25	-109.60	0.00302
-70.71	-113.14	0.00263	-63.64	-120.21	0.00201
-56.57	-127.28	0.00154	-49.50	-134.35	0.00119
-42.43	-141.42	0.00093	-35.36	-148.49	0.00073
-28.28	-155.56	0.00059	-21.21	-162.63	0.00048
-155.56	-14.14	0.00047	-148.49	-21.21	0.00055
-141.42	-28.28	0.00066	-134.35	-35.36	0.00081
-127.28	-42.43	0.00101	-120.21	-49.50	0.00129
-113.14	-56.57	0.00172	-106.07	-63.64	0.00248
-102.53	-67.18	0.00308	-98.99	-70.71	0.00394

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00462	-95.46	-74.25	0.00513
-94.05	-75.66	0.00570	-92.63	-77.07	0.00634
-91.22	-78.49	0.00705	-78.49	-91.22	0.00489
-77.07	-92.63	0.00452	-75.66	-94.05	0.00422
-74.25	-95.46	0.00395	-72.83	-96.87	0.00372
-70.71	-98.99	0.00340	-67.18	-102.53	0.00293
-63.64	-106.07	0.00253	-56.57	-113.14	0.00190
-49.50	-120.21	0.00144	-42.43	-127.28	0.00110
-35.36	-134.35	0.00086	-28.28	-141.42	0.00068
-21.21	-148.49	0.00054	-14.14	-155.56	0.00044
-148.49	-7.07	0.00050	-141.42	-14.14	0.00059
-134.35	-21.21	0.00071	-127.28	-28.28	0.00088
-120.21	-35.36	0.00113	-113.14	-42.43	0.00151
-106.07	-49.50	0.00214	-98.99	-56.57	0.00325
-95.46	-60.10	0.00407	-91.92	-63.64	0.00509
-89.80	-65.76	0.00580	-88.39	-67.18	0.00631
-86.97	-68.59	0.00685	-85.56	-70.00	0.00741
-84.15	-71.42	0.00803	-71.42	-84.15	0.00495
-70.00	-85.56	0.00453	-68.59	-86.97	0.00420
-67.18	-88.39	0.00391	-65.76	-89.80	0.00364
-63.64	-91.92	0.00329	-60.10	-95.46	0.00279
-56.57	-98.99	0.00238	-49.50	-106.07	0.00176
-42.43	-113.14	0.00131	-35.36	-120.21	0.00100
-28.28	-127.28	0.00077	-21.21	-134.35	0.00061
-14.14	-141.42	0.00049	-7.07	-148.49	0.00040
-141.42	0.00	0.00054	-134.35	-7.07	0.00065
-127.28	-14.14	0.00081	-120.21	-21.21	0.00103
-113.14	-28.28	0.00137	-106.07	-35.36	0.00189
-98.99	-42.43	0.00270	-91.92	-49.50	0.00394
-88.39	-53.03	0.00475	-84.85	-56.57	0.00572
-82.73	-58.69	0.00637	-81.32	-60.10	0.00684
-79.90	-61.52	0.00733	-78.49	-62.93	0.00784
-77.07	-64.35	0.00840	-64.35	-77.07	0.00489
-62.93	-78.49	0.00445	-61.52	-79.90	0.00409
-60.10	-81.32	0.00378	-58.69	-82.73	0.00350
-56.57	-84.85	0.00313	-53.03	-88.39	0.00262
-49.50	-91.92	0.00220	-42.43	-98.99	0.00158
-35.36	-106.07	0.00116	-28.28	-113.14	0.00088
-21.21	-120.21	0.00068	-14.14	-127.28	0.00054
-7.07	-134.35	0.00044	0.00	-141.42	0.00036

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

18:23:07

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00061	-127.28	0.00	0.00076
-120.21	-7.07	0.00096	-113.14	-14.14	0.00125
-106.07	-21.21	0.00167	-98.99	-28.28	0.00230
-91.92	-35.36	0.00317	-84.85	-42.43	0.00436
-81.32	-45.96	0.00511	-77.78	-49.50	0.00598
-75.66	-51.62	0.00656	-74.25	-53.03	0.00698
-72.83	-54.45	0.00743	-71.42	-55.86	0.00791
-70.00	-57.28	0.00843	-57.28	-70.00	0.00470
-55.86	-71.42	0.00424	-54.45	-72.83	0.00386
-53.03	-74.25	0.00354	-51.62	-75.66	0.00326
-49.50	-77.78	0.00289	-45.96	-81.32	0.00237
-42.43	-84.85	0.00197	-35.36	-91.92	0.00138
-28.28	-98.99	0.00101	-21.21	-106.07	0.00076
-14.14	-113.14	0.00060	-7.07	-120.21	0.00048
0.00	-127.28	0.00040	7.07	-134.35	0.00033
-127.28	14.14	0.00071	-120.21	7.07	0.00090
-113.14	0.00	0.00115	-106.07	-7.07	0.00150
-98.99	-14.14	0.00199	-91.92	-21.21	0.00264
-84.85	-28.28	0.00350	-77.78	-35.36	0.00460
-74.25	-38.89	0.00527	-70.71	-42.43	0.00602
-68.59	-44.55	0.00653	-67.18	-45.96	0.00690
-65.76	-47.38	0.00730	-64.35	-48.79	0.00774
-62.93	-50.20	0.00823	-50.20	-62.93	0.00437
-48.79	-64.35	0.00390	-47.38	-65.76	0.00352
-45.96	-67.18	0.00319	-44.55	-68.59	0.00291
-42.43	-70.71	0.00255	-38.89	-74.25	0.00206
-35.36	-77.78	0.00169	-28.28	-84.85	0.00118
-21.21	-91.92	0.00086	-14.14	-98.99	0.00066
-7.07	-106.07	0.00052	0.00	-113.14	0.00043
7.07	-120.21	0.00036	14.14	-127.28	0.00030
-120.21	21.21	0.00084	-113.14	14.14	0.00105
-106.07	7.07	0.00135	-98.99	0.00	0.00174
-91.92	-7.07	0.00224	-84.85	-14.14	0.00289
-77.78	-21.21	0.00371	-70.71	-28.28	0.00473

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-67.18	-31.82	0.00531	-63.64	-35.36	0.00597
-61.52	-37.48	0.00639	-60.10	-38.89	0.00670
-58.69	-40.31	0.00703	-57.28	-41.72	0.00740
-55.86	-43.13	0.00784	-43.13	-55.86	0.00388
-41.72	-57.28	0.00341	-40.31	-58.69	0.00303
-38.89	-60.10	0.00272	-37.48	-61.52	0.00245

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00212	-31.82	-67.18	0.00169
-28.28	-70.71	0.00139	-21.21	-77.78	0.00098
-14.14	-84.85	0.00074	-7.07	-91.92	0.00058
0.00	-98.99	0.00047	7.07	-106.07	0.00039
14.14	-113.14	0.00033	21.21	-120.21	0.00028
-113.14	28.28	0.00096	-106.07	21.21	0.00121
-98.99	14.14	0.00152	-91.92	7.07	0.00193
-84.85	0.00	0.00243	-77.78	-7.07	0.00307
-70.71	-14.14	0.00385	-63.64	-21.21	0.00479
-60.10	-24.75	0.00532	-56.57	-28.28	0.00589
-54.45	-30.41	0.00623	-53.03	-31.82	0.00647
-51.62	-33.23	0.00672	-50.20	-34.65	0.00700
-48.79	-36.06	0.00734	-36.06	-48.79	0.00320
-34.65	-50.20	0.00275	-33.23	-51.62	0.00241
-31.82	-53.03	0.00214	-30.41	-54.45	0.00193
-28.28	-56.57	0.00166	-24.75	-60.10	0.00135
-21.21	-63.64	0.00113	-14.14	-70.71	0.00085
-7.07	-77.78	0.00066	0.00	-84.85	0.00053
7.07	-91.92	0.00043	14.14	-98.99	0.00036
21.21	-106.07	0.00030	28.28	-113.14	0.00026
-106.07	35.36	0.00109	-98.99	28.28	0.00135
-91.92	21.21	0.00167	-84.85	14.14	0.00207
-77.78	7.07	0.00256	-70.71	0.00	0.00317
-63.64	-7.07	0.00392	-56.57	-14.14	0.00480
-53.03	-17.68	0.00530	-49.50	-21.21	0.00580
-47.38	-23.33	0.00609	-45.96	-24.75	0.00629
-44.55	-26.16	0.00648	-43.13	-27.58	0.00669
-41.72	-28.99	0.00689	-28.99	-41.72	0.00238

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-27.58	-43.13	0.00207	-26.16	-44.55	0.00185
-24.75	-45.96	0.00168	-23.33	-47.38	0.00154
-21.21	-49.50	0.00137	-17.68	-53.03	0.00115
-14.14	-56.57	0.00099	-7.07	-63.64	0.00076
0.00	-70.71	0.00060	7.07	-77.78	0.00048
14.14	-84.85	0.00040	21.21	-91.92	0.00033
28.28	-98.99	0.00028	35.36	-106.07	0.00024
-98.99	42.43	0.00120	-91.92	35.36	0.00146
-84.85	28.28	0.00178	-77.78	21.21	0.00217
-70.71	14.14	0.00265	-63.64	7.07	0.00323
-56.57	0.00	0.00392	-49.50	-7.07	0.00474
-45.96	-10.61	0.00518	-42.43	-14.14	0.00560

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
 PAGE 91

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00584	-38.89	-17.68	0.00597
-37.48	-19.09	0.00608	-36.06	-20.51	0.00612
-34.65	-21.92	0.00606	-21.92	-34.65	0.00202
-20.51	-36.06	0.00181	-19.09	-37.48	0.00163
-17.68	-38.89	0.00149	-16.26	-40.31	0.00137
-14.14	-42.43	0.00123	-10.61	-45.96	0.00104
-7.07	-49.50	0.00089	0.00	-56.57	0.00069
7.07	-63.64	0.00055	14.14	-70.71	0.00044
21.21	-77.78	0.00036	28.28	-84.85	0.00030
35.36	-91.92	0.00026	42.43	-98.99	0.00022
-91.92	49.50	0.00129	-84.85	42.43	0.00154
-77.78	35.36	0.00185	-70.71	28.28	0.00222
-63.64	21.21	0.00266	-56.57	14.14	0.00318
-49.50	7.07	0.00377	-42.43	0.00	0.00433
-38.89	-3.54	0.00452	-35.36	-7.07	0.00455
-33.23	-9.19	0.00446	-31.82	-10.61	0.00436
-30.41	-12.02	0.00421	-28.99	-13.44	0.00403
-27.58	-14.85	0.00381	-14.85	-27.58	0.00174
-13.44	-28.99	0.00159	-12.02	-30.41	0.00146
-10.61	-31.82	0.00135	-9.19	-33.23	0.00125
-7.07	-35.36	0.00112	-3.54	-38.89	0.00096
0.00	-42.43	0.00082	7.07	-49.50	0.00064

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

14.14	-56.57	0.00051	21.21	-63.64	0.00041
28.28	-70.71	0.00034	35.36	-77.78	0.00028
42.43	-84.85	0.00024	49.50	-91.92	0.00021
-84.85	56.57	0.00135	-77.78	49.50	0.00159
-70.71	42.43	0.00187	-63.64	35.36	0.00220
-56.57	28.28	0.00257	-49.50	21.21	0.00296
-42.43	14.14	0.00330	-35.36	7.07	0.00343
-31.82	3.54	0.00337	-28.28	0.00	0.00321
-26.16	-2.12	0.00307	-24.75	-3.54	0.00297
-23.33	-4.95	0.00285	-21.92	-6.36	0.00273
-20.51	-7.78	0.00261	-7.78	-20.51	0.00145
-6.36	-21.92	0.00134	-4.95	-23.33	0.00125
-3.54	-24.75	0.00117	-2.12	-26.16	0.00109
0.00	-28.28	0.00100	3.54	-31.82	0.00087
7.07	-35.36	0.00076	14.14	-42.43	0.00059
21.21	-49.50	0.00047	28.28	-56.57	0.00039
35.36	-63.64	0.00032	42.43	-70.71	0.00027
49.50	-77.78	0.00023	56.57	-84.85	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00137	-70.71	56.57	0.00159
-63.64	49.50	0.00183	-56.57	42.43	0.00209
-49.50	35.36	0.00235	-42.43	28.28	0.00256
-35.36	21.21	0.00266	-28.28	14.14	0.00258
-24.75	10.61	0.00248	-21.21	7.07	0.00233
-19.09	4.95	0.00223	-17.68	3.54	0.00215
-16.26	2.12	0.00208	-14.85	0.71	0.00200
-13.44	-0.71	0.00193	-0.71	-13.44	0.00121
0.71	-14.85	0.00113	2.12	-16.26	0.00106
3.54	-17.68	0.00100	4.95	-19.09	0.00094
7.07	-21.21	0.00087	10.61	-24.75	0.00077
14.14	-28.28	0.00068	21.21	-35.36	0.00055
28.28	-42.43	0.00045	35.36	-49.50	0.00037
42.43	-56.57	0.00031	49.50	-63.64	0.00026
56.57	-70.71	0.00022	63.64	-77.78	0.00019
-70.71	70.71	0.00135	-63.64	63.64	0.00153

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-56.57	56.57	0.00171	-49.50	49.50	0.00189
-42.43	42.43	0.00203	-35.36	35.36	0.00211
-28.28	28.28	0.00209	-21.21	21.21	0.00197
-17.68	17.68	0.00188	-14.14	14.14	0.00176
-12.02	12.02	0.00169	-10.61	10.61	0.00164
-9.19	9.19	0.00160	-7.78	7.78	0.00155
-6.36	6.36	0.00151	6.36	-6.36	0.00102
7.78	-7.78	0.00096	9.19	-9.19	0.00091
10.61	-10.61	0.00086	12.02	-12.02	0.00082
14.14	-14.14	0.00076	17.68	-17.68	0.00067
21.21	-21.21	0.00061	28.28	-28.28	0.00050
35.36	-35.36	0.00042	42.43	-42.43	0.00035
49.50	-49.50	0.00029	56.57	-56.57	0.00025
63.64	-63.64	0.00021	70.71	-70.71	0.00018
-63.64	77.78	0.00129	-56.57	70.71	0.00143
-49.50	63.64	0.00155	-42.43	56.57	0.00165
-35.36	49.50	0.00171	-28.28	42.43	0.00171
-21.21	35.36	0.00166	-14.14	28.28	0.00155
-10.61	24.75	0.00147	-7.07	21.21	0.00138
-4.95	19.09	0.00134	-3.54	17.68	0.00130
-2.12	16.26	0.00127	-0.71	14.85	0.00124
0.71	13.44	0.00121	13.44	0.71	0.00087
14.85	-0.71	0.00082	16.26	-2.12	0.00078
17.68	-3.54	0.00074	19.09	-4.95	0.00071

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00066	24.75	-10.61	0.00059
28.28	-14.14	0.00054	35.36	-21.21	0.00045
42.43	-28.28	0.00038	49.50	-35.36	0.00033
56.57	-42.43	0.00028	63.64	-49.50	0.00024
70.71	-56.57	0.00020	77.78	-63.64	0.00018
-56.57	84.85	0.00120	-49.50	77.78	0.00129
-42.43	70.71	0.00136	-35.36	63.64	0.00141
-28.28	56.57	0.00142	-21.21	49.50	0.00140
-14.14	42.43	0.00134	-7.07	35.36	0.00124
-3.54	31.82	0.00118	0.00	28.28	0.00112

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

2.12	26.16	0.00109	3.54	24.75	0.00106
4.95	23.33	0.00104	6.36	21.92	0.00102
7.78	20.51	0.00100	20.51	7.78	0.00074
21.92	6.36	0.00071	23.33	4.95	0.00068
24.75	3.54	0.00065	26.16	2.12	0.00062
28.28	0.00	0.00058	31.82	-3.54	0.00052
35.36	-7.07	0.00048	42.43	-14.14	0.00040
49.50	-21.21	0.00035	56.57	-28.28	0.00030
63.64	-35.36	0.00026	70.71	-42.43	0.00023
77.78	-49.50	0.00020	84.85	-56.57	0.00017
-49.50	91.92	0.00109	-42.43	84.85	0.00114
-35.36	77.78	0.00118	-28.28	70.71	0.00120
-21.21	63.64	0.00119	-14.14	56.57	0.00116
-7.07	49.50	0.00110	0.00	42.43	0.00101
3.54	38.89	0.00097	7.07	35.36	0.00093
9.19	33.23	0.00090	10.61	31.82	0.00089
12.02	30.41	0.00087	13.44	28.99	0.00085
14.85	27.58	0.00084	27.58	14.85	0.00064
28.99	13.44	0.00062	30.41	12.02	0.00059
31.82	10.61	0.00057	33.23	9.19	0.00055
35.36	7.07	0.00051	38.89	3.54	0.00047
42.43	0.00	0.00043	49.50	-7.07	0.00036
56.57	-14.14	0.00032	63.64	-21.21	0.00028
70.71	-28.28	0.00024	77.78	-35.36	0.00021
84.85	-42.43	0.00019	91.92	-49.50	0.00017
-42.43	98.99	0.00097	-35.36	91.92	0.00100
-28.28	84.85	0.00102	-21.21	77.78	0.00102
-14.14	70.71	0.00101	-7.07	63.64	0.00097
0.00	56.57	0.00091	7.07	49.50	0.00085
10.61	45.96	0.00081	14.14	42.43	0.00078

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00076	17.68	38.89	0.00075
19.09	37.48	0.00074	20.51	36.06	0.00073
21.92	34.65	0.00071	34.65	21.92	0.00056
36.06	20.51	0.00054	37.48	19.09	0.00052

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

38.89	17.68	0.00050	40.31	16.26	0.00048
42.43	14.14	0.00046	45.96	10.61	0.00042
49.50	7.07	0.00038	56.57	0.00	0.00033
63.64	-7.07	0.00029	70.71	-14.14	0.00025
77.78	-21.21	0.00023	84.85	-28.28	0.00020
91.92	-35.36	0.00018	98.99	-42.43	0.00016
-35.36	106.07	0.00086	-28.28	98.99	0.00088
-21.21	91.92	0.00089	-14.14	84.85	0.00088
-7.07	77.78	0.00086	0.00	70.71	0.00082
7.07	63.64	0.00077	14.14	56.57	0.00072
17.68	53.03	0.00069	21.21	49.50	0.00067
23.33	47.38	0.00065	24.75	45.96	0.00064
26.16	44.55	0.00063	27.58	43.13	0.00062
28.99	41.72	0.00061	41.72	28.99	0.00050
43.13	27.58	0.00048	44.55	26.16	0.00046
45.96	24.75	0.00045	47.38	23.33	0.00043
49.50	21.21	0.00041	53.03	17.68	0.00037
56.57	14.14	0.00035	63.64	7.07	0.00030
70.71	0.00	0.00026	77.78	-7.07	0.00023
84.85	-14.14	0.00021	91.92	-21.21	0.00019
98.99	-28.28	0.00017	106.07	-35.36	0.00015
-28.28	113.14	0.00077	-21.21	106.07	0.00077
-14.14	98.99	0.00077	-7.07	91.92	0.00076
0.00	84.85	0.00074	7.07	77.78	0.00070
14.14	70.71	0.00066	21.21	63.64	0.00062
24.75	60.10	0.00060	28.28	56.57	0.00058
30.41	54.45	0.00057	31.82	53.03	0.00056
33.23	51.62	0.00055	34.65	50.20	0.00054
36.06	48.79	0.00054	48.79	36.06	0.00044
50.20	34.65	0.00043	51.62	33.23	0.00041
53.03	31.82	0.00040	54.45	30.41	0.00039
56.57	28.28	0.00037	60.10	24.75	0.00034
63.64	21.21	0.00031	70.71	14.14	0.00027
77.78	7.07	0.00024	84.85	0.00	0.00022
91.92	-7.07	0.00019	98.99	-14.14	0.00017
106.07	-21.21	0.00016	113.14	-28.28	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00068	-14.14	113.14	0.00068
-7.07	106.07	0.00068	0.00	98.99	0.00066
7.07	91.92	0.00064	14.14	84.85	0.00061
21.21	77.78	0.00057	28.28	70.71	0.00054
31.82	67.18	0.00052	35.36	63.64	0.00051
37.48	61.52	0.00050	38.89	60.10	0.00049
40.31	58.69	0.00048	41.72	57.28	0.00048
43.13	55.86	0.00047	55.86	43.13	0.00039
57.28	41.72	0.00038	58.69	40.31	0.00037
60.10	38.89	0.00036	61.52	37.48	0.00035
63.64	35.36	0.00033	67.18	31.82	0.00031
70.71	28.28	0.00029	77.78	21.21	0.00025
84.85	14.14	0.00022	91.92	7.07	0.00020
98.99	0.00	0.00018	106.07	-7.07	0.00016
113.14	-14.14	0.00015	120.21	-21.21	0.00014
-14.14	127.28	0.00061	-7.07	120.21	0.00061
0.00	113.14	0.00060	7.07	106.07	0.00058
14.14	98.99	0.00056	21.21	91.92	0.00053
28.28	84.85	0.00050	35.36	77.78	0.00047
38.89	74.25	0.00046	42.43	70.71	0.00045
44.55	68.59	0.00044	45.96	67.18	0.00043
47.38	65.76	0.00043	48.79	64.35	0.00042
50.20	62.93	0.00042	62.93	50.20	0.00035
64.35	48.79	0.00034	65.76	47.38	0.00033
67.18	45.96	0.00032	68.59	44.55	0.00032
70.71	42.43	0.00030	74.25	38.89	0.00028
77.78	35.36	0.00026	84.85	28.28	0.00023
91.92	21.21	0.00020	98.99	14.14	0.00018
106.07	7.07	0.00017	113.14	0.00	0.00015
120.21	-7.07	0.00014	127.28	-14.14	0.00013
-7.07	134.35	0.00054	0.00	127.28	0.00054
7.07	120.21	0.00053	14.14	113.14	0.00051
21.21	106.07	0.00049	28.28	98.99	0.00046
35.36	91.92	0.00044	42.43	84.85	0.00042
45.96	81.32	0.00041	49.50	77.78	0.00040
51.62	75.66	0.00039	53.03	74.25	0.00039
54.45	72.83	0.00038	55.86	71.42	0.00038
57.28	70.00	0.00037	70.00	57.28	0.00032
71.42	55.86	0.00031	72.83	54.45	0.00030
74.25	53.03	0.00029	75.66	51.62	0.00029

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
77.78	49.50	0.00028	81.32	45.96	0.00026	
84.85	42.43	0.00024	91.92	35.36	0.00021	
98.99	28.28	0.00019	106.07	21.21	0.00017	
113.14	14.14	0.00016	120.21	7.07	0.00014	
127.28	0.00	0.00013	134.35	-7.07	0.00012	
0.00	141.42	0.00049	7.07	134.35	0.00048	
14.14	127.28	0.00047	21.21	120.21	0.00045	
28.28	113.14	0.00043	35.36	106.07	0.00041	
42.43	98.99	0.00039	49.50	91.92	0.00037	
53.03	88.39	0.00036	56.57	84.85	0.00036	
58.69	82.73	0.00035	60.10	81.32	0.00035	
61.52	79.90	0.00034	62.93	78.49	0.00034	
64.35	77.07	0.00033	77.07	64.35	0.00029	
78.49	62.93	0.00028	79.90	61.52	0.00027	
81.32	60.10	0.00027	82.73	58.69	0.00026	
84.85	56.57	0.00025	88.39	53.03	0.00024	
91.92	49.50	0.00022	98.99	42.43	0.00020	
106.07	35.36	0.00018	113.14	28.28	0.00016	
120.21	21.21	0.00015	127.28	14.14	0.00013	
134.35	7.07	0.00012	141.42	0.00	0.00011	
7.07	148.49	0.00044	14.14	141.42	0.00043	
21.21	134.35	0.00042	28.28	127.28	0.00040	
35.36	120.21	0.00039	42.43	113.14	0.00037	
49.50	106.07	0.00035	56.57	98.99	0.00034	
60.10	95.46	0.00033	63.64	91.92	0.00032	
65.76	89.80	0.00032	67.18	88.39	0.00031	
68.59	86.97	0.00031	70.00	85.56	0.00031	
71.42	84.15	0.00030	84.15	71.42	0.00026	
85.56	70.00	0.00026	86.97	68.59	0.00025	
88.39	67.18	0.00025	89.80	65.76	0.00024	
91.92	63.64	0.00023	95.46	60.10	0.00022	
98.99	56.57	0.00020	106.07	49.50	0.00018	
113.14	42.43	0.00016	120.21	35.36	0.00015	
127.28	28.28	0.00014	134.35	21.21	0.00013	
141.42	14.14	0.00012	148.49	7.07	0.00011	
14.14	155.56	0.00040	21.21	148.49	0.00039	

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

28.28	141.42	0.00038	35.36	134.35	0.00036
42.43	127.28	0.00035	49.50	120.21	0.00033
56.57	113.14	0.00032	63.64	106.07	0.00030
67.18	102.53	0.00030	70.71	98.99	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00029	74.25	95.46	0.00028
75.66	94.05	0.00028	77.07	92.63	0.00028
78.49	91.22	0.00027	91.22	78.49	0.00024
92.63	77.07	0.00024	94.05	75.66	0.00023
95.46	74.25	0.00023	96.87	72.83	0.00022
98.99	70.71	0.00021	102.53	67.18	0.00020
106.07	63.64	0.00019	113.14	56.57	0.00017
120.21	49.50	0.00015	127.28	42.43	0.00014
134.35	35.36	0.00013	141.42	28.28	0.00012
148.49	21.21	0.00011	155.56	14.14	0.00010
21.21	162.63	0.00036	28.28	155.56	0.00035
35.36	148.49	0.00034	42.43	141.42	0.00033
49.50	134.35	0.00031	56.57	127.28	0.00030
63.64	120.21	0.00029	70.71	113.14	0.00028
74.25	109.60	0.00027	77.78	106.07	0.00026
79.90	103.94	0.00026	81.32	102.53	0.00026
82.73	101.12	0.00026	84.15	99.70	0.00025
85.56	98.29	0.00025	98.29	85.56	0.00022
99.70	84.15	0.00022	101.12	82.73	0.00021
102.53	81.32	0.00021	103.94	79.90	0.00020
106.07	77.78	0.00020	109.60	74.25	0.00019
113.14	70.71	0.00018	120.21	63.64	0.00016
127.28	56.57	0.00014	134.35	49.50	0.00013
141.42	42.43	0.00012	148.49	35.36	0.00011
155.56	28.28	0.00010	162.63	21.21	0.00010
28.28	169.71	0.00033	35.36	162.63	0.00032
42.43	155.56	0.00031	49.50	148.49	0.00029
56.57	141.42	0.00028	63.64	134.35	0.00027
70.71	127.28	0.00026	77.78	120.21	0.00025
81.32	116.67	0.00025	84.85	113.14	0.00024

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

86.97	111.02	0.00024	88.39	109.60	0.00024
89.80	108.19	0.00023	91.22	106.77	0.00023
92.63	105.36	0.00023	105.36	92.63	0.00020
106.77	91.22	0.00020	108.19	89.80	0.00020
109.60	88.39	0.00019	111.02	86.97	0.00019
113.14	84.85	0.00018	116.67	81.32	0.00017
120.21	77.78	0.00017	127.28	70.71	0.00015
134.35	63.64	0.00013	141.42	56.57	0.00012
148.49	49.50	0.00011	155.56	42.43	0.00011
162.63	35.36	0.00010	169.71	28.28	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00030	42.43	169.71	0.00029
49.50	162.63	0.00028	56.57	155.56	0.00027
63.64	148.49	0.00026	70.71	141.42	0.00025
77.78	134.35	0.00024	84.85	127.28	0.00023
88.39	123.74	0.00023	91.92	120.21	0.00022
94.05	118.09	0.00022	95.46	116.67	0.00022
96.87	115.26	0.00022	98.29	113.84	0.00021
99.70	112.43	0.00021	112.43	99.70	0.00019
113.84	98.29	0.00018	115.26	96.87	0.00018
116.67	95.46	0.00018	118.09	94.05	0.00018
120.21	91.92	0.00017	123.74	88.39	0.00016
127.28	84.85	0.00015	134.35	77.78	0.00014
141.42	70.71	0.00013	148.49	63.64	0.00012
155.56	56.57	0.00011	162.63	49.50	0.00010
169.71	42.43	0.00009	176.78	35.36	0.00009
42.43	183.85	0.00027	49.50	176.78	0.00026
56.57	169.71	0.00025	63.64	162.63	0.00024
70.71	155.56	0.00024	77.78	148.49	0.00023
84.85	141.42	0.00022	91.92	134.35	0.00021
95.46	130.81	0.00021	98.99	127.28	0.00020
101.12	125.16	0.00020	102.53	123.74	0.00020
103.94	122.33	0.00020	105.36	120.92	0.00020
106.77	119.50	0.00020	119.50	106.77	0.00017
120.92	105.36	0.00017	122.33	103.94	0.00017

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

123.74	102.53	0.00017	125.16	101.12	0.00016
127.28	98.99	0.00016	130.81	95.46	0.00015
134.35	91.92	0.00014	141.42	84.85	0.00013
148.49	77.78	0.00012	155.56	70.71	0.00011
162.63	63.64	0.00010	169.71	56.57	0.00009
176.78	49.50	0.00009	183.85	42.43	0.00008
49.50	190.92	0.00025	56.57	183.85	0.00024
63.64	176.78	0.00023	70.71	169.71	0.00022
77.78	162.63	0.00022	84.85	155.56	0.00021
91.92	148.49	0.00020	98.99	141.42	0.00020
102.53	137.89	0.00019	106.07	134.35	0.00019
108.19	132.23	0.00019	109.60	130.81	0.00019
111.02	129.40	0.00018	112.43	127.99	0.00018
113.84	126.57	0.00018	126.57	113.84	0.00016
127.99	112.43	0.00016	129.40	111.02	0.00016
130.81	109.60	0.00016	132.23	108.19	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00015	137.89	102.53	0.00014
141.42	98.99	0.00014	148.49	91.92	0.00012
155.56	84.85	0.00011	162.63	77.78	0.00010
169.71	70.71	0.00010	176.78	63.64	0.00009
183.85	56.57	0.00008	190.92	49.50	0.00008
56.57	197.99	0.00023	63.64	190.92	0.00022
70.71	183.85	0.00021	77.78	176.78	0.00021
84.85	169.71	0.00020	91.92	162.63	0.00019
98.99	155.56	0.00019	106.07	148.49	0.00018
109.60	144.96	0.00018	113.14	141.42	0.00018
115.26	139.30	0.00017	116.67	137.89	0.00017
118.09	136.47	0.00017	119.50	135.06	0.00017
120.92	133.64	0.00017	133.64	120.92	0.00015
135.06	119.50	0.00015	136.47	118.09	0.00015
137.89	116.67	0.00015	139.30	115.26	0.00014
141.42	113.14	0.00014	144.96	109.60	0.00013
148.49	106.07	0.00013	155.56	98.99	0.00012
162.63	91.92	0.00011	169.71	84.85	0.00010

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

176.78	77.78	0.00009	183.85	70.71	0.00008
190.92	63.64	0.00008	197.99	56.57	0.00008
63.64	205.06	0.00021	70.71	197.99	0.00020
77.78	190.92	0.00020	84.85	183.85	0.00019
91.92	176.78	0.00019	98.99	169.71	0.00018
106.07	162.63	0.00017	113.14	155.56	0.00017
116.67	152.03	0.00017	120.21	148.49	0.00016
122.33	146.37	0.00016	123.74	144.96	0.00016
125.16	143.54	0.00016	126.57	142.13	0.00016
127.99	140.71	0.00016	140.71	127.99	0.00014
142.13	126.57	0.00014	143.54	125.16	0.00014
144.96	123.74	0.00014	146.37	122.33	0.00013
148.49	120.21	0.00013	152.03	116.67	0.00013
155.56	113.14	0.00012	162.63	106.07	0.00011
169.71	98.99	0.00010	176.78	91.92	0.00009
183.85	84.85	0.00009	190.92	77.78	0.00008
197.99	70.71	0.00008	205.06	63.64	0.00007
70.71	212.13	0.00020	77.78	205.06	0.00019
84.85	197.99	0.00018	91.92	190.92	0.00018
98.99	183.85	0.00017	106.07	176.78	0.00017
113.14	169.71	0.00016	120.21	162.63	0.00016
123.74	159.10	0.00016	127.28	155.56	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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*** Maximum train overlap at NE/SW Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00015	130.81	152.03	0.00015
132.23	150.61	0.00015	133.64	149.20	0.00015
135.06	147.79	0.00015	147.79	135.06	0.00013
149.20	133.64	0.00013	150.61	132.23	0.00013
152.03	130.81	0.00013	153.44	129.40	0.00013
155.56	127.28	0.00012	159.10	123.74	0.00012
162.63	120.21	0.00011	169.71	113.14	0.00010
176.78	106.07	0.00010	183.85	98.99	0.00009
190.92	91.92	0.00008	197.99	84.85	0.00008
205.06	77.78	0.00007	212.13	70.71	0.00007
77.78	219.20	0.00018	84.85	212.13	0.00018
91.92	205.06	0.00017	98.99	197.99	0.00016

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

106.07	190.92	0.00016	113.14	183.85	0.00016
120.21	176.78	0.00015	127.28	169.71	0.00015
130.81	166.17	0.00015	134.35	162.63	0.00014
136.47	160.51	0.00014	137.89	159.10	0.00014
139.30	157.68	0.00014	140.71	156.27	0.00014
142.13	154.86	0.00014	154.86	142.13	0.00012
156.27	140.71	0.00012	157.68	139.30	0.00012
159.10	137.89	0.00012	160.51	136.47	0.00012
162.63	134.35	0.00012	166.17	130.81	0.00011
169.71	127.28	0.00011	176.78	120.21	0.00010
183.85	113.14	0.00009	190.92	106.07	0.00008
197.99	98.99	0.00008	205.06	91.92	0.00007
212.13	84.85	0.00007	219.20	77.78	0.00007
84.85	226.27	0.00017	91.92	219.20	0.00016
98.99	212.13	0.00016	106.07	205.06	0.00015
113.14	197.99	0.00015	120.21	190.92	0.00015
127.28	183.85	0.00014	134.35	176.78	0.00014
137.89	173.24	0.00014	141.42	169.71	0.00013
143.54	167.58	0.00013	144.96	166.17	0.00013
146.37	164.76	0.00013	147.79	163.34	0.00013
149.20	161.93	0.00013	161.93	149.20	0.00012
163.34	147.79	0.00012	164.76	146.37	0.00011
166.17	144.96	0.00011	167.58	143.54	0.00011
169.71	141.42	0.00011	173.24	137.89	0.00011
176.78	134.35	0.00010	183.85	127.28	0.00009
190.92	120.21	0.00009	197.99	113.14	0.00008
205.06	106.07	0.00007	212.13	98.99	0.00007
219.20	91.92	0.00007	226.27	84.85	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S) : NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00016	98.99	226.27	0.00015
106.07	219.20	0.00015	113.14	212.13	0.00014
120.21	205.06	0.00014	127.28	197.99	0.00014
134.35	190.92	0.00013	141.42	183.85	0.00013
144.96	180.31	0.00013	148.49	176.78	0.00013
150.61	174.66	0.00012	152.03	173.24	0.00012

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

153.44	171.83	0.00012	154.86	170.41	0.00012
156.27	169.00	0.00012	169.00	156.27	0.00011
170.41	154.86	0.00011	171.83	153.44	0.00011
173.24	152.03	0.00011	174.66	150.61	0.00011
176.78	148.49	0.00010	180.31	144.96	0.00010
183.85	141.42	0.00010	190.92	134.35	0.00009
197.99	127.28	0.00008	205.06	120.21	0.00008
212.13	113.14	0.00007	219.20	106.07	0.00007
226.27	98.99	0.00006	233.35	91.92	0.00006
98.99	240.42	0.00015	106.07	233.35	0.00014
113.14	226.27	0.00014	120.21	219.20	0.00013
127.28	212.13	0.00013	134.35	205.06	0.00013
141.42	197.99	0.00013	148.49	190.92	0.00012
152.03	187.38	0.00012	155.56	183.85	0.00012
157.68	181.73	0.00012	159.10	180.31	0.00012
160.51	178.90	0.00012	161.93	177.48	0.00011
163.34	176.07	0.00011	176.07	163.34	0.00010
177.48	161.93	0.00010	178.90	160.51	0.00010
180.31	159.10	0.00010	181.73	157.68	0.00010
183.85	155.56	0.00010	187.38	152.03	0.00010
190.92	148.49	0.00009	197.99	141.42	0.00009
205.06	134.35	0.00008	212.13	127.28	0.00007
219.20	120.21	0.00007	226.27	113.14	0.00006
233.35	106.07	0.00006	240.42	98.99	0.00006
106.07	247.49	0.00014	113.14	240.42	0.00013
120.21	233.35	0.00013	127.28	226.27	0.00013
134.35	219.20	0.00012	141.42	212.13	0.00012
148.49	205.06	0.00012	155.56	197.99	0.00011
159.10	194.45	0.00011	162.63	190.92	0.00011
164.76	188.80	0.00011	166.17	187.38	0.00011
167.58	185.97	0.00011	169.00	184.55	0.00011
170.41	183.14	0.00011	183.14	170.41	0.00010
184.55	169.00	0.00010	185.97	167.58	0.00010
187.38	166.17	0.00010	188.80	164.76	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

190.92	162.63	0.00009	194.45	159.10	0.00009
197.99	155.56	0.00009	205.06	148.49	0.00008
212.13	141.42	0.00008	219.20	134.35	0.00007
226.27	127.28	0.00007	233.35	120.21	0.00006
240.42	113.14	0.00006	247.49	106.07	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
 PAGE 103
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00044	-240.42	-113.14	0.00051
-233.35	-120.21	0.00061	-226.27	-127.28	0.00075
-219.20	-134.35	0.00093	-212.13	-141.42	0.00118
-205.06	-148.49	0.00153	-197.99	-155.56	0.00202
-194.45	-159.10	0.00231	-190.92	-162.63	0.00264
-188.80	-164.76	0.00283	-187.38	-166.17	0.00296
-185.97	-167.58	0.00307	-184.55	-169.00	0.00316
-183.14	-170.41	0.00322	-170.41	-183.14	0.00310
-169.00	-184.55	0.00307	-167.58	-185.97	0.00304
-166.17	-187.38	0.00299	-164.76	-188.80	0.00294
-162.63	-190.92	0.00284	-159.10	-194.45	0.00265
-155.56	-197.99	0.00244	-148.49	-205.06	0.00201
-141.42	-212.13	0.00163	-134.35	-219.20	0.00131
-127.28	-226.27	0.00106	-120.21	-233.35	0.00086
-113.14	-240.42	0.00070	-106.07	-247.49	0.00058
-240.42	-98.99	0.00044	-233.35	-106.07	0.00052
-226.27	-113.14	0.00062	-219.20	-120.21	0.00076
-212.13	-127.28	0.00094	-205.06	-134.35	0.00119
-197.99	-141.42	0.00155	-190.92	-148.49	0.00207
-187.38	-152.03	0.00241	-183.85	-155.56	0.00280
-181.73	-157.68	0.00307	-180.31	-159.10	0.00325
-178.90	-160.51	0.00343	-177.48	-161.93	0.00361
-176.07	-163.34	0.00376	-163.34	-176.07	0.00377
-161.93	-177.48	0.00371	-160.51	-178.90	0.00363
-159.10	-180.31	0.00353	-157.68	-181.73	0.00342
-155.56	-183.85	0.00325	-152.03	-187.38	0.00294
-148.49	-190.92	0.00263	-141.42	-197.99	0.00208
-134.35	-205.06	0.00163	-127.28	-212.13	0.00129
-120.21	-219.20	0.00103	-113.14	-226.27	0.00083

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-106.07	-233.35	0.00067	-98.99	-240.42	0.00055
-233.35	-91.92	0.00045	-226.27	-99.00	0.00053
-219.20	-106.07	0.00063	-212.13	-113.14	0.00077
-205.06	-120.21	0.00095	-197.99	-127.28	0.00120
-190.92	-134.35	0.00157	-183.85	-141.42	0.00210
-180.31	-144.96	0.00246	-176.78	-148.49	0.00289
-174.66	-150.61	0.00319	-173.24	-152.03	0.00341
-171.83	-153.44	0.00365	-170.41	-154.86	0.00392
-169.00	-156.27	0.00422	-156.27	-169.00	0.00453
-154.86	-170.41	0.00432	-153.44	-171.83	0.00411
-152.03	-173.24	0.00391	-150.61	-174.66	0.00372

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00345	-144.96	-180.31	0.00304
-141.42	-183.85	0.00267	-134.35	-190.92	0.00206
-127.28	-197.99	0.00160	-120.21	-205.06	0.00125
-113.14	-212.13	0.00098	-106.07	-219.20	0.00078
-98.99	-226.27	0.00063	-91.92	-233.35	0.00051
-226.27	-84.85	0.00046	-219.20	-91.92	0.00054
-212.13	-99.00	0.00064	-205.06	-106.07	0.00078
-197.99	-113.14	0.00096	-190.92	-120.21	0.00122
-183.85	-127.28	0.00159	-176.78	-134.35	0.00215
-173.24	-137.89	0.00253	-169.71	-141.42	0.00302
-167.58	-143.54	0.00338	-166.17	-144.96	0.00366
-164.76	-146.37	0.00398	-163.34	-147.79	0.00440
-161.93	-149.20	0.00497	-149.20	-161.93	0.00478
-147.79	-163.34	0.00447	-146.37	-164.76	0.00421
-144.96	-166.17	0.00398	-143.54	-167.58	0.00377
-141.42	-169.71	0.00347	-137.89	-173.24	0.00302
-134.35	-176.78	0.00263	-127.28	-183.85	0.00201
-120.21	-190.92	0.00154	-113.14	-197.99	0.00119
-106.07	-205.06	0.00093	-98.99	-212.13	0.00073
-91.92	-219.20	0.00059	-84.85	-226.27	0.00048
-219.20	-77.78	0.00047	-212.13	-84.85	0.00055
-205.06	-91.92	0.00066	-197.99	-99.00	0.00081
-190.92	-106.07	0.00101	-183.85	-113.14	0.00129

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-176.78	-120.21	0.00172	-169.71	-127.28	0.00248
-166.17	-130.81	0.00308	-162.63	-134.35	0.00394
-160.51	-136.47	0.00462	-159.10	-137.89	0.00513
-157.68	-139.30	0.00571	-156.27	-140.71	0.00634
-154.86	-142.13	0.00705	-142.13	-154.86	0.00489
-140.71	-156.27	0.00452	-139.30	-157.68	0.00422
-137.89	-159.10	0.00395	-136.47	-160.51	0.00372
-134.35	-162.63	0.00340	-130.81	-166.17	0.00293
-127.28	-169.71	0.00253	-120.21	-176.78	0.00190
-113.14	-183.85	0.00144	-106.07	-190.92	0.00110
-98.99	-197.99	0.00086	-91.92	-205.06	0.00068
-84.85	-212.13	0.00054	-77.78	-219.20	0.00044
-212.13	-70.71	0.00050	-205.06	-77.78	0.00059
-197.99	-84.85	0.00071	-190.92	-91.92	0.00088
-183.85	-98.99	0.00113	-176.78	-106.07	0.00151
-169.71	-113.14	0.00214	-162.63	-120.21	0.00325
-159.10	-123.74	0.00407	-155.56	-127.28	0.00509

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00580	-152.03	-130.81	0.00631
-150.61	-132.23	0.00685	-149.20	-133.64	0.00741
-147.79	-135.06	0.00803	-135.06	-147.79	0.00495
-133.64	-149.20	0.00453	-132.23	-150.61	0.00420
-130.81	-152.03	0.00391	-129.40	-153.44	0.00364
-127.28	-155.56	0.00329	-123.74	-159.10	0.00279
-120.21	-162.63	0.00238	-113.14	-169.71	0.00176
-106.07	-176.78	0.00131	-98.99	-183.85	0.00100
-91.92	-190.92	0.00077	-84.85	-197.99	0.00061
-77.78	-205.06	0.00049	-70.71	-212.13	0.00040
-205.06	-63.64	0.00054	-197.99	-70.71	0.00065
-190.92	-77.78	0.00081	-183.85	-84.85	0.00103
-176.78	-91.92	0.00137	-169.71	-98.99	0.00189
-162.63	-106.07	0.00270	-155.56	-113.14	0.00394
-152.03	-116.67	0.00475	-148.49	-120.21	0.00572
-146.37	-122.33	0.00637	-144.96	-123.74	0.00684
-143.54	-125.16	0.00733	-142.13	-126.57	0.00784

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-140.71	-127.99	0.00840	-127.99	-140.71	0.00489
-126.57	-142.13	0.00445	-125.16	-143.54	0.00409
-123.74	-144.96	0.00378	-122.33	-146.37	0.00350
-120.21	-148.49	0.00313	-116.67	-152.03	0.00262
-113.14	-155.56	0.00220	-106.07	-162.63	0.00158
-98.99	-169.71	0.00116	-91.92	-176.78	0.00088
-84.85	-183.85	0.00068	-77.78	-190.92	0.00054
-70.71	-197.99	0.00044	-63.64	-205.06	0.00036
-197.99	-56.57	0.00061	-190.92	-63.64	0.00076
-183.85	-70.71	0.00096	-176.78	-77.78	0.00125
-169.71	-84.85	0.00167	-162.63	-91.92	0.00230
-155.56	-98.99	0.00317	-148.49	-106.07	0.00436
-144.96	-109.60	0.00511	-141.42	-113.14	0.00598
-139.30	-115.26	0.00656	-137.89	-116.67	0.00698
-136.47	-118.09	0.00743	-135.06	-119.50	0.00791
-133.64	-120.92	0.00843	-120.92	-133.64	0.00470
-119.50	-135.06	0.00424	-118.09	-136.47	0.00386
-116.67	-137.89	0.00354	-115.26	-139.30	0.00326
-113.14	-141.42	0.00289	-109.60	-144.96	0.00237
-106.07	-148.49	0.00197	-98.99	-155.56	0.00138
-91.92	-162.63	0.00101	-84.85	-169.71	0.00076
-77.78	-176.78	0.00060	-70.71	-183.85	0.00048
-63.64	-190.92	0.00040	-56.57	-197.99	0.00033

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00071	-183.85	-56.57	0.00090
-176.78	-63.64	0.00115	-169.71	-70.71	0.00150
-162.63	-77.78	0.00199	-155.56	-84.85	0.00264
-148.49	-91.92	0.00350	-141.42	-98.99	0.00460
-137.89	-102.53	0.00527	-134.35	-106.07	0.00602
-132.23	-108.19	0.00653	-130.81	-109.60	0.00690
-129.40	-111.02	0.00730	-127.99	-112.43	0.00774
-126.57	-113.84	0.00823	-113.84	-126.57	0.00437
-112.43	-127.99	0.00390	-111.02	-129.40	0.00352
-109.60	-130.81	0.00319	-108.19	-132.23	0.00291
-106.07	-134.35	0.00255	-102.53	-137.89	0.00206

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-98.99	-141.42	0.00169	-91.92	-148.49	0.00118
-84.85	-155.56	0.00086	-77.78	-162.63	0.00066
-70.71	-169.71	0.00052	-63.64	-176.78	0.00043
-56.57	-183.85	0.00036	-49.50	-190.92	0.00030
-183.85	-42.43	0.00084	-176.78	-49.50	0.00105
-169.71	-56.57	0.00135	-162.63	-63.64	0.00174
-155.56	-70.71	0.00224	-148.49	-77.78	0.00289
-141.42	-84.85	0.00371	-134.35	-91.92	0.00473
-130.81	-95.46	0.00532	-127.28	-98.99	0.00596
-125.16	-101.12	0.00639	-123.74	-102.53	0.00670
-122.33	-103.94	0.00703	-120.92	-105.36	0.00740
-119.50	-106.77	0.00784	-106.77	-119.50	0.00388
-105.36	-120.92	0.00341	-103.94	-122.33	0.00303
-102.53	-123.74	0.00272	-101.12	-125.16	0.00245
-98.99	-127.28	0.00212	-95.46	-130.81	0.00169
-91.92	-134.35	0.00139	-84.85	-141.42	0.00098
-77.78	-148.49	0.00074	-70.71	-155.56	0.00058
-63.64	-162.63	0.00047	-56.57	-169.71	0.00039
-49.50	-176.78	0.00033	-42.43	-183.85	0.00028
-176.78	-35.36	0.00096	-169.71	-42.43	0.00121
-162.63	-49.50	0.00152	-155.56	-56.57	0.00193
-148.49	-63.64	0.00243	-141.42	-70.71	0.00307
-134.35	-77.78	0.00385	-127.28	-84.85	0.00479
-123.74	-88.39	0.00532	-120.21	-91.92	0.00589
-118.09	-94.05	0.00623	-116.67	-95.46	0.00647
-115.26	-96.87	0.00672	-113.84	-98.29	0.00700
-112.43	-99.70	0.00734	-99.70	-112.43	0.00320
-98.29	-113.84	0.00275	-96.87	-115.26	0.00241
-95.46	-116.67	0.00214	-94.05	-118.09	0.00193

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTS:
 PAGE 107
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00166	-88.39	-123.74	0.00135
-84.85	-127.28	0.00113	-77.78	-134.35	0.00085
-70.71	-141.42	0.00066	-63.64	-148.49	0.00053
-56.57	-155.56	0.00043	-49.50	-162.63	0.00036
-42.43	-169.71	0.00030	-35.36	-176.78	0.00026

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-169.71	-28.28	0.00109	-162.63	-35.36	0.00135
-155.56	-42.43	0.00167	-148.49	-49.50	0.00207
-141.42	-56.57	0.00256	-134.35	-63.64	0.00317
-127.28	-70.71	0.00392	-120.21	-77.78	0.00480
-116.67	-81.32	0.00530	-113.14	-84.85	0.00580
-111.02	-86.97	0.00609	-109.60	-88.39	0.00629
-108.19	-89.80	0.00648	-106.77	-91.22	0.00669
-105.36	-92.63	0.00689	-92.63	-105.36	0.00238
-91.22	-106.77	0.00207	-89.80	-108.19	0.00185
-88.39	-109.60	0.00168	-86.97	-111.02	0.00154
-84.85	-113.14	0.00137	-81.32	-116.67	0.00115
-77.78	-120.21	0.00099	-70.71	-127.28	0.00076
-63.64	-134.35	0.00060	-56.57	-141.42	0.00048
-49.50	-148.49	0.00040	-42.43	-155.56	0.00033
-35.36	-162.63	0.00028	-28.28	-169.71	0.00024
-162.63	-21.21	0.00120	-155.56	-28.28	0.00146
-148.49	-35.36	0.00178	-141.42	-42.43	0.00217
-134.35	-49.50	0.00265	-127.28	-56.57	0.00323
-120.21	-63.64	0.00392	-113.14	-70.71	0.00474
-109.60	-74.25	0.00518	-106.07	-77.78	0.00560
-103.94	-79.90	0.00584	-102.53	-81.32	0.00597
-101.12	-82.73	0.00608	-99.70	-84.15	0.00612
-98.29	-85.56	0.00606	-85.56	-98.29	0.00202
-84.15	-99.70	0.00181	-82.73	-101.12	0.00163
-81.32	-102.53	0.00149	-79.90	-103.94	0.00137
-77.78	-106.07	0.00123	-74.25	-109.60	0.00104
-70.71	-113.14	0.00089	-63.64	-120.21	0.00069
-56.57	-127.28	0.00055	-49.50	-134.35	0.00044
-42.43	-141.42	0.00036	-35.36	-148.49	0.00030
-28.28	-155.56	0.00026	-21.21	-162.63	0.00022
-155.56	-14.14	0.00129	-148.49	-21.21	0.00154
-141.42	-28.28	0.00185	-134.35	-35.36	0.00222
-127.28	-42.43	0.00266	-120.21	-49.50	0.00318
-113.14	-56.57	0.00377	-106.07	-63.64	0.00433
-102.53	-67.18	0.00452	-98.99	-70.71	0.00455

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07

**MODELOPTs:
PAGE 108

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

		15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.00446	-95.46	-74.25	0.00436
-94.05	-75.66	0.00421	-92.63	-77.07	0.00403
-91.22	-78.49	0.00381	-78.49	-91.22	0.00174
-77.07	-92.63	0.00159	-75.66	-94.05	0.00146
-74.25	-95.46	0.00135	-72.83	-96.87	0.00125
-70.71	-98.99	0.00112	-67.18	-102.53	0.00096
-63.64	-106.07	0.00082	-56.57	-113.14	0.00064
-49.50	-120.21	0.00051	-42.43	-127.28	0.00041
-35.36	-134.35	0.00034	-28.28	-141.42	0.00028
-21.21	-148.49	0.00024	-14.14	-155.56	0.00021
-148.49	-7.07	0.00135	-141.42	-14.14	0.00159
-134.35	-21.21	0.00187	-127.28	-28.28	0.00220
-120.21	-35.36	0.00257	-113.14	-42.43	0.00296
-106.07	-49.50	0.00330	-98.99	-56.57	0.00343
-95.46	-60.10	0.00337	-91.92	-63.64	0.00321
-89.80	-65.76	0.00307	-88.39	-67.18	0.00297
-86.97	-68.59	0.00285	-85.56	-70.00	0.00273
-84.15	-71.42	0.00261	-71.42	-84.15	0.00145
-70.00	-85.56	0.00134	-68.59	-86.97	0.00125
-67.18	-88.39	0.00117	-65.76	-89.80	0.00109
-63.64	-91.92	0.00100	-60.10	-95.46	0.00087
-56.57	-98.99	0.00076	-49.50	-106.07	0.00059
-42.43	-113.14	0.00047	-35.36	-120.21	0.00039
-28.28	-127.28	0.00032	-21.21	-134.35	0.00027
-14.14	-141.42	0.00023	-7.07	-148.49	0.00020
-141.42	0.00	0.00137	-134.35	-7.07	0.00159
-127.28	-14.14	0.00183	-120.21	-21.21	0.00209
-113.14	-28.28	0.00235	-106.07	-35.36	0.00256
-98.99	-42.43	0.00266	-91.92	-49.50	0.00258
-88.39	-53.03	0.00248	-84.85	-56.57	0.00233
-82.73	-58.69	0.00223	-81.32	-60.10	0.00215
-79.90	-61.52	0.00208	-78.49	-62.93	0.00200
-77.07	-64.35	0.00193	-64.35	-77.07	0.00121
-62.93	-78.49	0.00113	-61.52	-79.90	0.00106
-60.10	-81.32	0.00100	-58.69	-82.73	0.00094
-56.57	-84.85	0.00087	-53.03	-88.39	0.00077
-49.50	-91.92	0.00068	-42.43	-98.99	0.00055
-35.36	-106.07	0.00045	-28.28	-113.14	0.00037
-21.21	-120.21	0.00031	-14.14	-127.28	0.00026
-7.07	-134.35	0.00022	0.00	-141.42	0.00019

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

18:23:07

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00135	-127.28	0.00	0.00153
-120.21	-7.07	0.00171	-113.14	-14.14	0.00189
-106.07	-21.21	0.00203	-98.99	-28.28	0.00211
-91.92	-35.36	0.00209	-84.85	-42.43	0.00197
-81.32	-45.96	0.00188	-77.78	-49.50	0.00176
-75.66	-51.62	0.00169	-74.25	-53.03	0.00164
-72.83	-54.45	0.00160	-71.42	-55.86	0.00155
-70.00	-57.28	0.00151	-57.28	-70.00	0.00102
-55.86	-71.42	0.00096	-54.45	-72.83	0.00091
-53.03	-74.25	0.00086	-51.62	-75.66	0.00082
-49.50	-77.78	0.00076	-45.96	-81.32	0.00067
-42.43	-84.85	0.00061	-35.36	-91.92	0.00050
-28.28	-98.99	0.00042	-21.21	-106.07	0.00035
-14.14	-113.14	0.00029	-7.07	-120.21	0.00025
0.00	-127.28	0.00021	7.07	-134.35	0.00018
-127.28	14.14	0.00129	-120.21	7.07	0.00143
-113.14	0.00	0.00155	-106.07	-7.07	0.00165
-98.99	-14.14	0.00171	-91.92	-21.21	0.00171
-84.85	-28.28	0.00166	-77.78	-35.36	0.00155
-74.25	-38.89	0.00147	-70.71	-42.43	0.00138
-68.59	-44.55	0.00134	-67.18	-45.96	0.00130
-65.76	-47.38	0.00127	-64.35	-48.79	0.00124
-62.93	-50.20	0.00121	-50.20	-62.93	0.00087
-48.79	-64.35	0.00082	-47.38	-65.76	0.00078
-45.96	-67.18	0.00074	-44.55	-68.59	0.00071
-42.43	-70.71	0.00066	-38.89	-74.25	0.00059
-35.36	-77.78	0.00054	-28.28	-84.85	0.00045
-21.21	-91.92	0.00038	-14.14	-98.99	0.00033
-7.07	-106.07	0.00028	0.00	-113.14	0.00024
7.07	-120.21	0.00020	14.14	-127.28	0.00018
-120.21	21.21	0.00120	-113.14	14.14	0.00129
-106.07	7.07	0.00136	-98.99	0.00	0.00141
-91.92	-7.07	0.00142	-84.85	-14.14	0.00140
-77.78	-21.21	0.00134	-70.71	-28.28	0.00124
-67.18	-31.82	0.00118	-63.64	-35.36	0.00112
-61.52	-37.48	0.00109	-60.10	-38.89	0.00106
-58.69	-40.31	0.00104	-57.28	-41.72	0.00102

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-55.86	-43.13	0.00100	-43.13	-55.86	0.00074
-41.72	-57.28	0.00071	-40.31	-58.69	0.00068
-38.89	-60.10	0.00065	-37.48	-61.52	0.00062

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
 PAGE 110
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00058	-31.82	-67.18	0.00052
-28.28	-70.71	0.00048	-21.21	-77.78	0.00040
-14.14	-84.85	0.00035	-7.07	-91.92	0.00030
0.00	-98.99	0.00026	7.07	-106.07	0.00023
14.14	-113.14	0.00020	21.21	-120.21	0.00017
-113.14	28.28	0.00109	-106.07	21.21	0.00114
-98.99	14.14	0.00118	-91.92	7.07	0.00120
-84.85	0.00	0.00119	-77.78	-7.07	0.00116
-70.71	-14.14	0.00110	-63.64	-21.21	0.00101
-60.10	-24.75	0.00097	-56.57	-28.28	0.00093
-54.45	-30.41	0.00090	-53.03	-31.82	0.00089
-51.62	-33.23	0.00087	-50.20	-34.65	0.00085
-48.79	-36.06	0.00084	-36.06	-48.79	0.00064
-34.65	-50.20	0.00062	-33.23	-51.62	0.00059
-31.82	-53.03	0.00057	-30.41	-54.45	0.00055
-28.28	-56.57	0.00051	-24.75	-60.10	0.00047
-21.21	-63.64	0.00043	-14.14	-70.71	0.00036
-7.07	-77.78	0.00032	0.00	-84.85	0.00028
7.07	-91.92	0.00024	14.14	-98.99	0.00021
21.21	-106.07	0.00019	28.28	-113.14	0.00017
-106.07	35.36	0.00097	-98.99	28.28	0.00100
-91.92	21.21	0.00102	-84.85	14.14	0.00102
-77.78	7.07	0.00101	-70.71	0.00	0.00097
-63.64	-7.07	0.00091	-56.57	-14.14	0.00085
-53.03	-17.68	0.00081	-49.50	-21.21	0.00078
-47.38	-23.33	0.00076	-45.96	-24.75	0.00075
-44.55	-26.16	0.00074	-43.13	-27.58	0.00073
-41.72	-28.99	0.00071	-28.99	-41.72	0.00056
-27.58	-43.13	0.00054	-26.16	-44.55	0.00052
-24.75	-45.96	0.00050	-23.33	-47.38	0.00048
-21.21	-49.50	0.00046	-17.68	-53.03	0.00042

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-14.14	-56.57	0.00038	-7.07	-63.64	0.00033
0.00	-70.71	0.00029	7.07	-77.78	0.00025
14.14	-84.85	0.00023	21.21	-91.92	0.00020
28.28	-98.99	0.00018	35.36	-106.07	0.00016
-98.99	42.43	0.00086	-91.92	35.36	0.00088
-84.85	28.28	0.00089	-77.78	21.21	0.00088
-70.71	14.14	0.00086	-63.64	7.07	0.00082
-56.57	0.00	0.00077	-49.50	-7.07	0.00072
-45.96	-10.61	0.00069	-42.43	-14.14	0.00067

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
 PAGE 111
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.00065	-38.89	-17.68	0.00064
-37.48	-19.09	0.00063	-36.06	-20.51	0.00062
-34.65	-21.92	0.00061	-21.92	-34.65	0.00050
-20.51	-36.06	0.00048	-19.09	-37.48	0.00046
-17.68	-38.89	0.00045	-16.26	-40.31	0.00043
-14.14	-42.43	0.00041	-10.61	-45.96	0.00037
-7.07	-49.50	0.00035	0.00	-56.57	0.00030
7.07	-63.64	0.00026	14.14	-70.71	0.00023
21.21	-77.78	0.00021	28.28	-84.85	0.00019
35.36	-91.92	0.00017	42.43	-98.99	0.00015
-91.92	49.50	0.00077	-84.85	42.43	0.00077
-77.78	35.36	0.00077	-70.71	28.28	0.00076
-63.64	21.21	0.00074	-56.57	14.14	0.00070
-49.50	7.07	0.00066	-42.43	0.00	0.00062
-38.89	-3.54	0.00060	-35.36	-7.07	0.00058
-33.23	-9.19	0.00057	-31.82	-10.61	0.00056
-30.41	-12.02	0.00055	-28.99	-13.44	0.00054
-27.58	-14.85	0.00054	-14.85	-27.58	0.00044
-13.44	-28.99	0.00043	-12.02	-30.41	0.00041
-10.61	-31.82	0.00040	-9.19	-33.23	0.00039
-7.07	-35.36	0.00037	-3.54	-38.89	0.00034
0.00	-42.43	0.00031	7.07	-49.50	0.00027
14.14	-56.57	0.00024	21.21	-63.64	0.00022
28.28	-70.71	0.00019	35.36	-77.78	0.00017
42.43	-84.85	0.00016	49.50	-91.92	0.00014

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-84.85	56.57	0.00068	-77.78	49.50	0.00068
-70.71	42.43	0.00068	-63.64	35.36	0.00066
-56.57	28.28	0.00064	-49.50	21.21	0.00061
-42.43	14.14	0.00057	-35.36	7.07	0.00054
-31.82	3.54	0.00052	-28.28	0.00	0.00051
-26.16	-2.12	0.00050	-24.75	-3.54	0.00049
-23.33	-4.95	0.00048	-21.92	-6.36	0.00048
-20.51	-7.78	0.00047	-7.78	-20.51	0.00039
-6.36	-21.92	0.00038	-4.95	-23.33	0.00037
-3.54	-24.75	0.00036	-2.12	-26.16	0.00035
0.00	-28.28	0.00033	3.54	-31.82	0.00031
7.07	-35.36	0.00029	14.14	-42.43	0.00025
21.21	-49.50	0.00022	28.28	-56.57	0.00020
35.36	-63.64	0.00018	42.43	-70.71	0.00016
49.50	-77.78	0.00015	56.57	-84.85	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
 PAGE 112
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00061	-70.71	56.57	0.00061
-63.64	49.50	0.00060	-56.57	42.43	0.00058
-49.50	35.36	0.00056	-42.43	28.28	0.00053
-35.36	21.21	0.00050	-28.28	14.14	0.00047
-24.75	10.61	0.00046	-21.21	7.07	0.00045
-19.09	4.95	0.00044	-17.68	3.54	0.00043
-16.26	2.12	0.00043	-14.85	0.71	0.00042
-13.44	-0.71	0.00042	-0.71	-13.44	0.00035
0.71	-14.85	0.00034	2.12	-16.26	0.00033
3.54	-17.68	0.00032	4.95	-19.09	0.00032
7.07	-21.21	0.00030	10.61	-24.75	0.00028
14.14	-28.28	0.00026	21.21	-35.36	0.00023
28.28	-42.43	0.00020	35.36	-49.50	0.00018
42.43	-56.57	0.00017	49.50	-63.64	0.00015
56.57	-70.71	0.00014	63.64	-77.78	0.00013
-70.71	70.71	0.00054	-63.64	63.64	0.00054
-56.57	56.57	0.00053	-49.50	49.50	0.00051
-42.43	42.43	0.00049	-35.36	35.36	0.00046
-28.28	28.28	0.00044	-21.21	21.21	0.00042

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-17.68	17.68	0.00041	-14.14	14.14	0.00040
-12.02	12.02	0.00039	-10.61	10.61	0.00039
-9.19	9.19	0.00038	-7.78	7.78	0.00038
-6.36	6.36	0.00037	6.36	-6.36	0.00032
7.78	-7.78	0.00031	9.19	-9.19	0.00030
10.61	-10.61	0.00029	12.02	-12.02	0.00029
14.14	-14.14	0.00028	17.68	-17.68	0.00026
21.21	-21.21	0.00024	28.28	-28.28	0.00021
35.36	-35.36	0.00019	42.43	-42.43	0.00017
49.50	-49.50	0.00016	56.57	-56.57	0.00014
63.64	-63.64	0.00013	70.71	-70.71	0.00012
-63.64	77.78	0.00049	-56.57	70.71	0.00048
-49.50	63.64	0.00047	-42.43	56.57	0.00045
-35.36	49.50	0.00043	-28.28	42.43	0.00041
-21.21	35.36	0.00039	-14.14	28.28	0.00037
-10.61	24.75	0.00036	-7.07	21.21	0.00036
-4.95	19.09	0.00035	-3.54	17.68	0.00035
-2.12	16.26	0.00034	-0.71	14.85	0.00034
0.71	13.44	0.00033	13.44	0.71	0.00029
14.85	-0.71	0.00028	16.26	-2.12	0.00027
17.68	-3.54	0.00027	19.09	-4.95	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07

**MODELOPTs:
 PAGE 113

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00025	24.75	-10.61	0.00024
28.28	-14.14	0.00022	35.36	-21.21	0.00020
42.43	-28.28	0.00018	49.50	-35.36	0.00016
56.57	-42.43	0.00015	63.64	-49.50	0.00013
70.71	-56.57	0.00012	77.78	-63.64	0.00011
-56.57	84.85	0.00044	-49.50	77.78	0.00043
-42.43	70.71	0.00042	-35.36	63.64	0.00040
-28.28	56.57	0.00039	-21.21	49.50	0.00037
-14.14	42.43	0.00035	-7.07	35.36	0.00034
-3.54	31.82	0.00033	0.00	28.28	0.00032
2.12	26.16	0.00032	3.54	24.75	0.00031
4.95	23.33	0.00031	6.36	21.92	0.00031
7.78	20.51	0.00030	20.51	7.78	0.00026

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

21.92	6.36	0.00026	23.33	4.95	0.00025
24.75	3.54	0.00025	26.16	2.12	0.00024
28.28	0.00	0.00023	31.82	-3.54	0.00022
35.36	-7.07	0.00020	42.43	-14.14	0.00018
49.50	-21.21	0.00016	56.57	-28.28	0.00015
63.64	-35.36	0.00014	70.71	-42.43	0.00013
77.78	-49.50	0.00012	84.85	-56.57	0.00011
-49.50	91.92	0.00040	-42.43	84.85	0.00039
-35.36	77.78	0.00038	-28.28	70.71	0.00036
-21.21	63.64	0.00035	-14.14	56.57	0.00033
-7.07	49.50	0.00032	0.00	42.43	0.00030
3.54	38.89	0.00030	7.07	35.36	0.00029
9.19	33.23	0.00029	10.61	31.82	0.00028
12.02	30.41	0.00028	13.44	28.99	0.00028
14.85	27.58	0.00027	27.58	14.85	0.00024
28.99	13.44	0.00024	30.41	12.02	0.00023
31.82	10.61	0.00023	33.23	9.19	0.00022
35.36	7.07	0.00021	38.89	3.54	0.00020
42.43	0.00	0.00019	49.50	-7.07	0.00017
56.57	-14.14	0.00015	63.64	-21.21	0.00014
70.71	-28.28	0.00013	77.78	-35.36	0.00012
84.85	-42.43	0.00011	91.92	-49.50	0.00010
-42.43	98.99	0.00036	-35.36	91.92	0.00035
-28.28	84.85	0.00034	-21.21	77.78	0.00033
-14.14	70.71	0.00031	-7.07	63.64	0.00030
0.00	56.57	0.00029	7.07	49.50	0.00028
10.61	45.96	0.00027	14.14	42.43	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.00026	17.68	38.89	0.00026
19.09	37.48	0.00026	20.51	36.06	0.00025
21.92	34.65	0.00025	34.65	21.92	0.00022
36.06	20.51	0.00022	37.48	19.09	0.00021
38.89	17.68	0.00021	40.31	16.26	0.00020
42.43	14.14	0.00020	45.96	10.61	0.00019
49.50	7.07	0.00018	56.57	0.00	0.00016

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

63.64	-7.07	0.00014	70.71	-14.14	0.00013
77.78	-21.21	0.00012	84.85	-28.28	0.00011
91.92	-35.36	0.00010	98.99	-42.43	0.00010
-35.36	106.07	0.00033	-28.28	98.99	0.00032
-21.21	91.92	0.00031	-14.14	84.85	0.00029
-7.07	77.78	0.00028	0.00	70.71	0.00027
7.07	63.64	0.00026	14.14	56.57	0.00025
17.68	53.03	0.00025	21.21	49.50	0.00024
23.33	47.38	0.00024	24.75	45.96	0.00024
26.16	44.55	0.00023	27.58	43.13	0.00023
28.99	41.72	0.00023	41.72	28.99	0.00020
43.13	27.58	0.00020	44.55	26.16	0.00020
45.96	24.75	0.00019	47.38	23.33	0.00019
49.50	21.21	0.00018	53.03	17.68	0.00017
56.57	14.14	0.00017	63.64	7.07	0.00015
70.71	0.00	0.00013	77.78	-7.07	0.00012
84.85	-14.14	0.00011	91.92	-21.21	0.00011
98.99	-28.28	0.00010	106.07	-35.36	0.00009
-28.28	113.14	0.00030	-21.21	106.07	0.00029
-14.14	98.99	0.00028	-7.07	91.92	0.00027
0.00	84.85	0.00026	7.07	77.78	0.00025
14.14	70.71	0.00024	21.21	63.64	0.00023
24.75	60.10	0.00023	28.28	56.57	0.00022
30.41	54.45	0.00022	31.82	53.03	0.00022
33.23	51.62	0.00022	34.65	50.20	0.00021
36.06	48.79	0.00021	48.79	36.06	0.00019
50.20	34.65	0.00018	51.62	33.23	0.00018
53.03	31.82	0.00018	54.45	30.41	0.00018
56.57	28.28	0.00017	60.10	24.75	0.00016
63.64	21.21	0.00015	70.71	14.14	0.00014
77.78	7.07	0.00013	84.85	0.00	0.00012
91.92	-7.07	0.00011	98.99	-14.14	0.00010
106.07	-21.21	0.00009	113.14	-28.28	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00027	-14.14	113.14	0.00026

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-7.07	106.07	0.00025	0.00	98.99	0.00024
7.07	91.92	0.00024	14.14	84.85	0.00023
21.21	77.78	0.00022	28.28	70.71	0.00021
31.82	67.18	0.00021	35.36	63.64	0.00020
37.48	61.52	0.00020	38.89	60.10	0.00020
40.31	58.69	0.00020	41.72	57.28	0.00020
43.13	55.86	0.00020	55.86	43.13	0.00017
57.28	41.72	0.00017	58.69	40.31	0.00017
60.10	38.89	0.00017	61.52	37.48	0.00016
63.64	35.36	0.00016	67.18	31.82	0.00015
70.71	28.28	0.00014	77.78	21.21	0.00013
84.85	14.14	0.00012	91.92	7.07	0.00011
98.99	0.00	0.00010	106.07	-7.07	0.00009
113.14	-14.14	0.00009	120.21	-21.21	0.00008
-14.14	127.28	0.00025	-7.07	120.21	0.00024
0.00	113.14	0.00023	7.07	106.07	0.00022
14.14	98.99	0.00022	21.21	91.92	0.00021
28.28	84.85	0.00020	35.36	77.78	0.00020
38.89	74.25	0.00019	42.43	70.71	0.00019
44.55	68.59	0.00019	45.96	67.18	0.00019
47.38	65.76	0.00018	48.79	64.35	0.00018
50.20	62.93	0.00018	62.93	50.20	0.00016
64.35	48.79	0.00016	65.76	47.38	0.00016
67.18	45.96	0.00016	68.59	44.55	0.00015
70.71	42.43	0.00015	74.25	38.89	0.00014
77.78	35.36	0.00014	84.85	28.28	0.00012
91.92	21.21	0.00011	98.99	14.14	0.00010
106.07	7.07	0.00010	113.14	0.00	0.00009
120.21	-7.07	0.00008	127.28	-14.14	0.00008
-7.07	134.35	0.00023	0.00	127.28	0.00022
7.07	120.21	0.00021	14.14	113.14	0.00021
21.21	106.07	0.00020	28.28	98.99	0.00019
35.36	91.92	0.00019	42.43	84.85	0.00018
45.96	81.32	0.00018	49.50	77.78	0.00018
51.62	75.66	0.00017	53.03	74.25	0.00017
54.45	72.83	0.00017	55.86	71.42	0.00017
57.28	70.00	0.00017	70.00	57.28	0.00015
71.42	55.86	0.00015	72.83	54.45	0.00015
74.25	53.03	0.00015	75.66	51.62	0.00014

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
77.78	49.50	0.00014	81.32	45.96	0.00013	
84.85	42.43	0.00013	91.92	35.36	0.00012	
98.99	28.28	0.00011	106.07	21.21	0.00010	
113.14	14.14	0.00009	120.21	7.07	0.00008	
127.28	0.00	0.00008	134.35	-7.07	0.00008	
0.00	141.42	0.00021	7.07	134.35	0.00020	
14.14	127.28	0.00020	21.21	120.21	0.00019	
28.28	113.14	0.00019	35.36	106.07	0.00018	
42.43	98.99	0.00017	49.50	91.92	0.00017	
53.03	88.39	0.00017	56.57	84.85	0.00016	
58.69	82.73	0.00016	60.10	81.32	0.00016	
61.52	79.90	0.00016	62.93	78.49	0.00016	
64.35	77.07	0.00016	77.07	64.35	0.00014	
78.49	62.93	0.00014	79.90	61.52	0.00014	
81.32	60.10	0.00014	82.73	58.69	0.00013	
84.85	56.57	0.00013	88.39	53.03	0.00013	
91.92	49.50	0.00012	98.99	42.43	0.00011	
106.07	35.36	0.00010	113.14	28.28	0.00009	
120.21	21.21	0.00009	127.28	14.14	0.00008	
134.35	7.07	0.00008	141.42	0.00	0.00007	
7.07	148.49	0.00020	14.14	141.42	0.00019	
21.21	134.35	0.00018	28.28	127.28	0.00018	
35.36	120.21	0.00017	42.43	113.14	0.00017	
49.50	106.07	0.00016	56.57	98.99	0.00016	
60.10	95.46	0.00016	63.64	91.92	0.00015	
65.76	89.80	0.00015	67.18	88.39	0.00015	
68.59	86.97	0.00015	70.00	85.56	0.00015	
71.42	84.15	0.00015	84.15	71.42	0.00013	
85.56	70.00	0.00013	86.97	68.59	0.00013	
88.39	67.18	0.00013	89.80	65.76	0.00013	
91.92	63.64	0.00012	95.46	60.10	0.00012	
98.99	56.57	0.00011	106.07	49.50	0.00010	
113.14	42.43	0.00010	120.21	35.36	0.00009	
127.28	28.28	0.00008	134.35	21.21	0.00008	
141.42	14.14	0.00007	148.49	7.07	0.00007	
14.14	155.56	0.00018	21.21	148.49	0.00018	
28.28	141.42	0.00017	35.36	134.35	0.00016	
42.43	127.28	0.00016	49.50	120.21	0.00016	
56.57	113.14	0.00015	63.64	106.07	0.00015	

67.18 102.53 0.00015 70.71 98.99 0.00014

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
72.83	96.87	0.00014	74.25	95.46	0.00014
75.66	94.05	0.00014	77.07	92.63	0.00014
78.49	91.22	0.00014	91.22	78.49	0.00012
92.63	77.07	0.00012	94.05	75.66	0.00012
95.46	74.25	0.00012	96.87	72.83	0.00012
98.99	70.71	0.00012	102.53	67.18	0.00011
106.07	63.64	0.00011	113.14	56.57	0.00010
120.21	49.50	0.00009	127.28	42.43	0.00008
134.35	35.36	0.00008	141.42	28.28	0.00007
148.49	21.21	0.00007	155.56	14.14	0.00007
21.21	162.63	0.00017	28.28	155.56	0.00016
35.36	148.49	0.00016	42.43	141.42	0.00015
49.50	134.35	0.00015	56.57	127.28	0.00015
63.64	120.21	0.00014	70.71	113.14	0.00014
74.25	109.60	0.00014	77.78	106.07	0.00013
79.90	103.94	0.00013	81.32	102.53	0.00013
82.73	101.12	0.00013	84.15	99.70	0.00013
85.56	98.29	0.00013	98.29	85.56	0.00012
99.70	84.15	0.00012	101.12	82.73	0.00011
102.53	81.32	0.00011	103.94	79.90	0.00011
106.07	77.78	0.00011	109.60	74.25	0.00011
113.14	70.71	0.00010	120.21	63.64	0.00009
127.28	56.57	0.00009	134.35	49.50	0.00008
141.42	42.43	0.00007	148.49	35.36	0.00007
155.56	28.28	0.00007	162.63	21.21	0.00006
28.28	169.71	0.00016	35.36	162.63	0.00015
42.43	155.56	0.00015	49.50	148.49	0.00014
56.57	141.42	0.00014	63.64	134.35	0.00014
70.71	127.28	0.00013	77.78	120.21	0.00013
81.32	116.67	0.00013	84.85	113.14	0.00013
86.97	111.02	0.00012	88.39	109.60	0.00012
89.80	108.19	0.00012	91.22	106.77	0.00012
92.63	105.36	0.00012	105.36	92.63	0.00011

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

106.77	91.22	0.00011	108.19	89.80	0.00011
109.60	88.39	0.00011	111.02	86.97	0.00011
113.14	84.85	0.00010	116.67	81.32	0.00010
120.21	77.78	0.00010	127.28	70.71	0.00009
134.35	63.64	0.00008	141.42	56.57	0.00008
148.49	49.50	0.00007	155.56	42.43	0.00007
162.63	35.36	0.00006	169.71	28.28	0.00006

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00015	42.43	169.71	0.00014
49.50	162.63	0.00014	56.57	155.56	0.00013
63.64	148.49	0.00013	70.71	141.42	0.00013
77.78	134.35	0.00013	84.85	127.28	0.00012
88.39	123.74	0.00012	91.92	120.21	0.00012
94.05	118.09	0.00012	95.46	116.67	0.00012
96.87	115.26	0.00012	98.29	113.84	0.00011
99.70	112.43	0.00011	112.43	99.70	0.00010
113.84	98.29	0.00010	115.26	96.87	0.00010
116.67	95.46	0.00010	118.09	94.05	0.00010
120.21	91.92	0.00010	123.74	88.39	0.00010
127.28	84.85	0.00009	134.35	77.78	0.00009
141.42	70.71	0.00008	148.49	63.64	0.00007
155.56	56.57	0.00007	162.63	49.50	0.00006
169.71	42.43	0.00006	176.78	35.36	0.00006
42.43	183.85	0.00014	49.50	176.78	0.00013
56.57	169.71	0.00013	63.64	162.63	0.00013
70.71	155.56	0.00012	77.78	148.49	0.00012
84.85	141.42	0.00012	91.92	134.35	0.00011
95.46	130.81	0.00011	98.99	127.28	0.00011
101.12	125.16	0.00011	102.53	123.74	0.00011
103.94	122.33	0.00011	105.36	120.92	0.00011
106.77	119.50	0.00011	119.50	106.77	0.00010
120.92	105.36	0.00010	122.33	103.94	0.00010
123.74	102.53	0.00010	125.16	101.12	0.00009
127.28	98.99	0.00009	130.81	95.46	0.00009
134.35	91.92	0.00009	141.42	84.85	0.00008

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

148.49	77.78	0.00008	155.56	70.71	0.00007
162.63	63.64	0.00007	169.71	56.57	0.00006
176.78	49.50	0.00006	183.85	42.43	0.00006
49.50	190.92	0.00013	56.57	183.85	0.00013
63.64	176.78	0.00012	70.71	169.71	0.00012
77.78	162.63	0.00012	84.85	155.56	0.00011
91.92	148.49	0.00011	98.99	141.42	0.00011
102.53	137.89	0.00011	106.07	134.35	0.00011
108.19	132.23	0.00010	109.60	130.81	0.00010
111.02	129.40	0.00010	112.43	127.99	0.00010
113.84	126.57	0.00010	126.57	113.84	0.00009
127.99	112.43	0.00009	129.40	111.02	0.00009
130.81	109.60	0.00009	132.23	108.19	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00009	137.89	102.53	0.00009
141.42	98.99	0.00008	148.49	91.92	0.00008
155.56	84.85	0.00007	162.63	77.78	0.00007
169.71	70.71	0.00006	176.78	63.64	0.00006
183.85	56.57	0.00006	190.92	49.50	0.00005
56.57	197.99	0.00012	63.64	190.92	0.00012
70.71	183.85	0.00012	77.78	176.78	0.00011
84.85	169.71	0.00011	91.92	162.63	0.00011
98.99	155.56	0.00011	106.07	148.49	0.00010
109.60	144.96	0.00010	113.14	141.42	0.00010
115.26	139.30	0.00010	116.67	137.89	0.00010
118.09	136.47	0.00010	119.50	135.06	0.00010
120.92	133.64	0.00010	133.64	120.92	0.00009
135.06	119.50	0.00009	136.47	118.09	0.00009
137.89	116.67	0.00009	139.30	115.26	0.00009
141.42	113.14	0.00008	144.96	109.60	0.00008
148.49	106.07	0.00008	155.56	98.99	0.00007
162.63	91.92	0.00007	169.71	84.85	0.00006
176.78	77.78	0.00006	183.85	70.71	0.00006
190.92	63.64	0.00005	197.99	56.57	0.00005
63.64	205.06	0.00011	70.71	197.99	0.00011

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

77.78	190.92	0.00011	84.85	183.85	0.00011
91.92	176.78	0.00010	98.99	169.71	0.00010
106.07	162.63	0.00010	113.14	155.56	0.00010
116.67	152.03	0.00010	120.21	148.49	0.00009
122.33	146.37	0.00009	123.74	144.96	0.00009
125.16	143.54	0.00009	126.57	142.13	0.00009
127.99	140.71	0.00009	140.71	127.99	0.00009
142.13	126.57	0.00008	143.54	125.16	0.00008
144.96	123.74	0.00008	146.37	122.33	0.00008
148.49	120.21	0.00008	152.03	116.67	0.00008
155.56	113.14	0.00008	162.63	106.07	0.00007
169.71	98.99	0.00007	176.78	91.92	0.00006
183.85	84.85	0.00006	190.92	77.78	0.00005
197.99	70.71	0.00005	205.06	63.64	0.00005
70.71	212.13	0.00011	77.78	205.06	0.00011
84.85	197.99	0.00010	91.92	190.92	0.00010
98.99	183.85	0.00010	106.07	176.78	0.00010
113.14	169.71	0.00009	120.21	162.63	0.00009
123.74	159.10	0.00009	127.28	155.56	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00009	130.81	152.03	0.00009
132.23	150.61	0.00009	133.64	149.20	0.00009
135.06	147.79	0.00009	147.79	135.06	0.00008
149.20	133.64	0.00008	150.61	132.23	0.00008
152.03	130.81	0.00008	153.44	129.40	0.00008
155.56	127.28	0.00008	159.10	123.74	0.00007
162.63	120.21	0.00007	169.71	113.14	0.00007
176.78	106.07	0.00006	183.85	98.99	0.00006
190.92	91.92	0.00006	197.99	84.85	0.00005
205.06	77.78	0.00005	212.13	70.71	0.00005
77.78	219.20	0.00010	84.85	212.13	0.00010
91.92	205.06	0.00010	98.99	197.99	0.00010
106.07	190.92	0.00009	113.14	183.85	0.00009
120.21	176.78	0.00009	127.28	169.71	0.00009
130.81	166.17	0.00009	134.35	162.63	0.00009

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

136.47	160.51	0.00008	137.89	159.10	0.00008
139.30	157.68	0.00008	140.71	156.27	0.00008
142.13	154.86	0.00008	154.86	142.13	0.00008
156.27	140.71	0.00008	157.68	139.30	0.00008
159.10	137.89	0.00008	160.51	136.47	0.00007
162.63	134.35	0.00007	166.17	130.81	0.00007
169.71	127.28	0.00007	176.78	120.21	0.00007
183.85	113.14	0.00006	190.92	106.07	0.00006
197.99	98.99	0.00005	205.06	91.92	0.00005
212.13	84.85	0.00005	219.20	77.78	0.00005
84.85	226.27	0.00010	91.92	219.20	0.00009
98.99	212.13	0.00009	106.07	205.06	0.00009
113.14	197.99	0.00009	120.21	190.92	0.00009
127.28	183.85	0.00009	134.35	176.78	0.00008
137.89	173.24	0.00008	141.42	169.71	0.00008
143.54	167.58	0.00008	144.96	166.17	0.00008
146.37	164.76	0.00008	147.79	163.34	0.00008
149.20	161.93	0.00008	161.93	149.20	0.00007
163.34	147.79	0.00007	164.76	146.37	0.00007
166.17	144.96	0.00007	167.58	143.54	0.00007
169.71	141.42	0.00007	173.24	137.89	0.00007
176.78	134.35	0.00007	183.85	127.28	0.00006
190.92	120.21	0.00006	197.99	113.14	0.00006
205.06	106.07	0.00005	212.13	98.99	0.00005
219.20	91.92	0.00005	226.27	84.85	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00009	98.99	226.27	0.00009
106.07	219.20	0.00009	113.14	212.13	0.00009
120.21	205.06	0.00008	127.28	197.99	0.00008
134.35	190.92	0.00008	141.42	183.85	0.00008
144.96	180.31	0.00008	148.49	176.78	0.00008
150.61	174.66	0.00008	152.03	173.24	0.00008
153.44	171.83	0.00008	154.86	170.41	0.00008
156.27	169.00	0.00008	169.00	156.27	0.00007
170.41	154.86	0.00007	171.83	153.44	0.00007

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

173.24	152.03	0.00007	174.66	150.61	0.00007
176.78	148.49	0.00007	180.31	144.96	0.00007
183.85	141.42	0.00006	190.92	134.35	0.00006
197.99	127.28	0.00006	205.06	120.21	0.00005
212.13	113.14	0.00005	219.20	106.07	0.00005
226.27	98.99	0.00004	233.35	91.92	0.00004
98.99	240.42	0.00009	106.07	233.35	0.00009
113.14	226.27	0.00008	120.21	219.20	0.00008
127.28	212.13	0.00008	134.35	205.06	0.00008
141.42	197.99	0.00008	148.49	190.92	0.00008
152.03	187.38	0.00008	155.56	183.85	0.00007
157.68	181.73	0.00007	159.10	180.31	0.00007
160.51	178.90	0.00007	161.93	177.48	0.00007
163.34	176.07	0.00007	176.07	163.34	0.00007
177.48	161.93	0.00007	178.90	160.51	0.00007
180.31	159.10	0.00007	181.73	157.68	0.00007
183.85	155.56	0.00006	187.38	152.03	0.00006
190.92	148.49	0.00006	197.99	141.42	0.00006
205.06	134.35	0.00005	212.13	127.28	0.00005
219.20	120.21	0.00005	226.27	113.14	0.00005
233.35	106.07	0.00004	240.42	98.99	0.00004
106.07	247.49	0.00008	113.14	240.42	0.00008
120.21	233.35	0.00008	127.28	226.27	0.00008
134.35	219.20	0.00008	141.42	212.13	0.00008
148.49	205.06	0.00007	155.56	197.99	0.00007
159.10	194.45	0.00007	162.63	190.92	0.00007
164.76	188.80	0.00007	166.17	187.38	0.00007
167.58	185.97	0.00007	169.00	184.55	0.00007
170.41	183.14	0.00007	183.14	170.41	0.00006
184.55	169.00	0.00006	185.97	167.58	0.00006
187.38	166.17	0.00006	188.80	164.76	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
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 MODELOPTs: * Maximum train overlap at NE/SW Bound Direction ***
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
190.92	162.63	0.00006	194.45	159.10	0.00006
197.99	155.56	0.00006	205.06	148.49	0.00006
212.13	141.42	0.00005	219.20	134.35	0.00005

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

226.27	127.28	0.00005	233.35	120.21	0.00004
240.42	113.14	0.00004	247.49	106.07	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-247.49	-106.07	0.00142	-240.42	-113.14	0.00159
-233.35	-120.21	0.00178	-226.27	-127.28	0.00201
-219.20	-134.35	0.00228	-212.13	-141.42	0.00262
-205.06	-148.49	0.00304	-197.99	-155.56	0.00355
-194.45	-159.10	0.00385	-190.92	-162.63	0.00418
-188.80	-164.76	0.00437	-187.38	-166.17	0.00449
-185.97	-167.58	0.00460	-184.55	-169.00	0.00468
-183.14	-170.41	0.00474	-170.41	-183.14	0.00460
-169.00	-184.55	0.00457	-167.58	-185.97	0.00453
-166.17	-187.38	0.00448	-164.76	-188.80	0.00442
-162.63	-190.92	0.00432	-159.10	-194.45	0.00412
-155.56	-197.99	0.00390	-148.49	-205.06	0.00344
-141.42	-212.13	0.00302	-134.35	-219.20	0.00266
-127.28	-226.27	0.00235	-120.21	-233.35	0.00210
-113.14	-240.42	0.00188	-106.07	-247.49	0.00169
-240.42	-98.99	0.00147	-233.35	-106.07	0.00164
-226.27	-113.14	0.00184	-219.20	-120.21	0.00208
-212.13	-127.28	0.00237	-205.06	-134.35	0.00273
-197.99	-141.42	0.00318	-190.92	-148.49	0.00375
-187.38	-152.03	0.00410	-183.85	-155.56	0.00449
-181.73	-157.68	0.00475	-180.31	-159.10	0.00493
-178.90	-160.51	0.00512	-177.48	-161.93	0.00529
-176.07	-163.34	0.00544	-163.34	-176.07	0.00541
-161.93	-177.48	0.00534	-160.51	-178.90	0.00526
-159.10	-180.31	0.00516	-157.68	-181.73	0.00504
-155.56	-183.85	0.00486	-152.03	-187.38	0.00454
-148.49	-190.92	0.00422	-141.42	-197.99	0.00363
-134.35	-205.06	0.00314	-127.28	-212.13	0.00274
-120.21	-219.20	0.00242	-113.14	-226.27	0.00214
-106.07	-233.35	0.00191	-98.99	-240.42	0.00172
-233.35	-91.92	0.00151	-226.27	-99.00	0.00169
-219.20	-106.07	0.00190	-212.13	-113.14	0.00216

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-205.06	-120.21	0.00247	-197.99	-127.28	0.00285
-190.92	-134.35	0.00333	-183.85	-141.42	0.00394
-180.31	-144.96	0.00432	-176.78	-148.49	0.00476
-174.66	-150.61	0.00505	-173.24	-152.03	0.00527
-171.83	-153.44	0.00551	-170.41	-154.86	0.00578
-169.00	-156.27	0.00607	-156.27	-169.00	0.00634
-154.86	-170.41	0.00612	-153.44	-171.83	0.00591
-152.03	-173.24	0.00571	-150.61	-174.66	0.00551

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-148.49	-176.78	0.00523	-144.96	-180.31	0.00481
-141.42	-183.85	0.00442	-134.35	-190.92	0.00377
-127.28	-197.99	0.00324	-120.21	-205.06	0.00282
-113.14	-212.13	0.00247	-106.07	-219.20	0.00219
-98.99	-226.27	0.00195	-91.92	-233.35	0.00175
-226.27	-84.85	0.00155	-219.20	-91.92	0.00174
-212.13	-99.00	0.00197	-205.06	-106.07	0.00224
-197.99	-113.14	0.00257	-190.92	-120.21	0.00299
-183.85	-127.28	0.00350	-176.78	-134.35	0.00417
-173.24	-137.89	0.00459	-169.71	-141.42	0.00509
-167.58	-143.54	0.00545	-166.17	-144.96	0.00573
-164.76	-146.37	0.00605	-163.34	-147.79	0.00646
-161.93	-149.20	0.00703	-149.20	-161.93	0.00678
-147.79	-163.34	0.00647	-146.37	-164.76	0.00621
-144.96	-166.17	0.00597	-143.54	-167.58	0.00575
-141.42	-169.71	0.00544	-137.89	-173.24	0.00498
-134.35	-176.78	0.00457	-127.28	-183.85	0.00388
-120.21	-190.92	0.00333	-113.14	-197.99	0.00289
-106.07	-205.06	0.00253	-98.99	-212.13	0.00223
-91.92	-219.20	0.00198	-84.85	-226.27	0.00178
-219.20	-77.78	0.00160	-212.13	-84.85	0.00180
-205.06	-91.92	0.00204	-197.99	-99.00	0.00234
-190.92	-106.07	0.00271	-183.85	-113.14	0.00318
-176.78	-120.21	0.00380	-169.71	-127.28	0.00471
-166.17	-130.81	0.00537	-162.63	-134.35	0.00626
-160.51	-136.47	0.00694	-159.10	-137.89	0.00745

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-157.68	-139.30	0.00802	-156.27	-140.71	0.00865
-154.86	-142.13	0.00936	-142.13	-154.86	0.00713
-140.71	-156.27	0.00676	-139.30	-157.68	0.00645
-137.89	-159.10	0.00618	-136.47	-160.51	0.00593
-134.35	-162.63	0.00560	-130.81	-166.17	0.00511
-127.28	-169.71	0.00468	-120.21	-176.78	0.00396
-113.14	-183.85	0.00339	-106.07	-190.92	0.00294
-98.99	-197.99	0.00257	-91.92	-205.06	0.00226
-84.85	-212.13	0.00201	-77.78	-219.20	0.00180
-212.13	-70.71	0.00165	-205.06	-77.78	0.00188
-197.99	-84.85	0.00215	-190.92	-91.92	0.00249
-183.85	-98.99	0.00292	-176.78	-106.07	0.00352
-169.71	-113.14	0.00438	-162.63	-120.21	0.00571
-159.10	-123.74	0.00661	-155.56	-127.28	0.00769

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-153.44	-129.40	0.00841	-152.03	-130.81	0.00893
-150.61	-132.23	0.00946	-149.20	-133.64	0.01002
-147.79	-135.06	0.01064	-135.06	-147.79	0.00747
-133.64	-149.20	0.00706	-132.23	-150.61	0.00671
-130.81	-152.03	0.00641	-129.40	-153.44	0.00614
-127.28	-155.56	0.00577	-123.74	-159.10	0.00523
-120.21	-162.63	0.00478	-113.14	-169.71	0.00403
-106.07	-176.78	0.00345	-98.99	-183.85	0.00298
-91.92	-190.92	0.00260	-84.85	-197.99	0.00229
-77.78	-205.06	0.00203	-70.71	-212.13	0.00181
-205.06	-63.64	0.00173	-197.99	-70.71	0.00198
-190.92	-77.78	0.00230	-183.85	-84.85	0.00270
-176.78	-91.92	0.00325	-169.71	-98.99	0.00402
-162.63	-106.07	0.00512	-155.56	-113.14	0.00664
-152.03	-116.67	0.00758	-148.49	-120.21	0.00864
-146.37	-122.33	0.00933	-144.96	-123.74	0.00981
-143.54	-125.16	0.01031	-142.13	-126.57	0.01082
-140.71	-127.99	0.01137	-127.99	-140.71	0.00776
-126.57	-142.13	0.00731	-125.16	-143.54	0.00694
-123.74	-144.96	0.00662	-122.33	-146.37	0.00633

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-120.21	-148.49	0.00594	-116.67	-152.03	0.00537
-113.14	-155.56	0.00489	-106.07	-162.63	0.00410
-98.99	-169.71	0.00350	-91.92	-176.78	0.00302
-84.85	-183.85	0.00263	-77.78	-190.92	0.00231
-70.71	-197.99	0.00205	-63.64	-205.06	0.00183
-197.99	-56.57	0.00184	-190.92	-63.64	0.00213
-183.85	-70.71	0.00250	-176.78	-77.78	0.00299
-169.71	-84.85	0.00365	-162.63	-91.92	0.00455
-155.56	-98.99	0.00576	-148.49	-106.07	0.00732
-144.96	-109.60	0.00824	-141.42	-113.14	0.00927
-139.30	-115.26	0.00992	-137.89	-116.67	0.01038
-136.47	-118.09	0.01085	-135.06	-119.50	0.01133
-133.64	-120.92	0.01185	-120.92	-133.64	0.00800
-119.50	-135.06	0.00752	-118.09	-136.47	0.00714
-116.67	-137.89	0.00679	-115.26	-139.30	0.00649
-113.14	-141.42	0.00608	-109.60	-144.96	0.00549
-106.07	-148.49	0.00499	-98.99	-155.56	0.00417
-91.92	-162.63	0.00354	-84.85	-169.71	0.00305
-77.78	-176.78	0.00265	-70.71	-183.85	0.00233
-63.64	-190.92	0.00206	-56.57	-197.99	0.00184

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-190.92	-49.50	0.00197	-183.85	-56.57	0.00231
-176.78	-63.64	0.00274	-169.71	-70.71	0.00330
-162.63	-77.78	0.00405	-155.56	-84.85	0.00501
-148.49	-91.92	0.00624	-141.42	-98.99	0.00780
-137.89	-102.53	0.00871	-134.35	-106.07	0.00970
-132.23	-108.19	0.01033	-130.81	-109.60	0.01077
-129.40	-111.02	0.01122	-127.99	-112.43	0.01169
-126.57	-113.84	0.01219	-113.84	-126.57	0.00819
-112.43	-127.99	0.00770	-111.02	-129.40	0.00729
-109.60	-130.81	0.00694	-108.19	-132.23	0.00663
-106.07	-134.35	0.00620	-102.53	-137.89	0.00560
-98.99	-141.42	0.00508	-91.92	-148.49	0.00424
-84.85	-155.56	0.00359	-77.78	-162.63	0.00308
-70.71	-169.71	0.00267	-63.64	-176.78	0.00234

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-56.57	-183.85	0.00207	-49.50	-190.92	0.00184
-183.85	-42.43	0.00213	-176.78	-49.50	0.00250
-169.71	-56.57	0.00299	-162.63	-63.64	0.00361
-155.56	-70.71	0.00439	-148.49	-77.78	0.00537
-141.42	-84.85	0.00661	-134.35	-91.92	0.00815
-130.81	-95.46	0.00903	-127.28	-98.99	0.01001
-125.16	-101.12	0.01063	-123.74	-102.53	0.01106
-122.33	-103.94	0.01149	-120.92	-105.36	0.01195
-119.50	-106.77	0.01244	-106.77	-119.50	0.00834
-105.36	-120.92	0.00784	-103.94	-122.33	0.00742
-102.53	-123.74	0.00707	-101.12	-125.16	0.00674
-98.99	-127.28	0.00631	-95.46	-130.81	0.00568
-91.92	-134.35	0.00515	-84.85	-141.42	0.00429
-77.78	-148.49	0.00363	-70.71	-155.56	0.00311
-63.64	-162.63	0.00269	-56.57	-169.71	0.00236
-49.50	-176.78	0.00208	-42.43	-183.85	0.00185
-176.78	-35.36	0.00229	-169.71	-42.43	0.00270
-162.63	-49.50	0.00322	-155.56	-56.57	0.00387
-148.49	-63.64	0.00467	-141.42	-70.71	0.00566
-134.35	-77.78	0.00689	-127.28	-84.85	0.00840
-123.74	-88.39	0.00928	-120.21	-91.92	0.01024
-118.09	-94.05	0.01085	-116.67	-95.46	0.01126
-115.26	-96.87	0.01170	-113.84	-98.29	0.01215
-112.43	-99.70	0.01264	-99.70	-112.43	0.00847
-98.29	-113.84	0.00796	-96.87	-115.26	0.00753
-95.46	-116.67	0.00716	-94.05	-118.09	0.00683

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-91.92	-120.21	0.00639	-88.39	-123.74	0.00576
-84.85	-127.28	0.00522	-77.78	-134.35	0.00434
-70.71	-141.42	0.00367	-63.64	-148.49	0.00314
-56.57	-155.56	0.00271	-49.50	-162.63	0.00237
-42.43	-169.71	0.00209	-35.36	-176.78	0.00185
-169.71	-28.28	0.00245	-162.63	-35.36	0.00289
-155.56	-42.43	0.00342	-148.49	-49.50	0.00408
-141.42	-56.57	0.00489	-134.35	-63.64	0.00588

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-127.28	-70.71	0.00711	-120.21	-77.78	0.00860
-116.67	-81.32	0.00947	-113.14	-84.85	0.01041
-111.02	-86.97	0.01100	-109.60	-88.39	0.01141
-108.19	-89.80	0.01184	-106.77	-91.22	0.01232
-105.36	-92.63	0.01282	-92.63	-105.36	0.00857
-91.22	-106.77	0.00805	-89.80	-108.19	0.00762
-88.39	-109.60	0.00724	-86.97	-111.02	0.00691
-84.85	-113.14	0.00646	-81.32	-116.67	0.00582
-77.78	-120.21	0.00527	-70.71	-127.28	0.00438
-63.64	-134.35	0.00370	-56.57	-141.42	0.00316
-49.50	-148.49	0.00273	-42.43	-155.56	0.00238
-35.36	-162.63	0.00209	-28.28	-169.71	0.00185
-162.63	-21.21	0.00260	-155.56	-28.28	0.00305
-148.49	-35.36	0.00359	-141.42	-42.43	0.00426
-134.35	-49.50	0.00506	-127.28	-56.57	0.00606
-120.21	-63.64	0.00727	-113.14	-70.71	0.00876
-109.60	-74.25	0.00961	-106.07	-77.78	0.01054
-103.94	-79.90	0.01114	-102.53	-81.32	0.01155
-101.12	-82.73	0.01197	-99.70	-84.15	0.01243
-98.29	-85.56	0.01293	-85.56	-98.29	0.00865
-84.15	-99.70	0.00813	-82.73	-101.12	0.00769
-81.32	-102.53	0.00731	-79.90	-103.94	0.00697
-77.78	-106.07	0.00652	-74.25	-109.60	0.00587
-70.71	-113.14	0.00531	-63.64	-120.21	0.00442
-56.57	-127.28	0.00373	-49.50	-134.35	0.00318
-42.43	-141.42	0.00274	-35.36	-148.49	0.00239
-28.28	-155.56	0.00210	-21.21	-162.63	0.00186
-155.56	-14.14	0.00273	-148.49	-21.21	0.00319
-141.42	-28.28	0.00374	-134.35	-35.36	0.00440
-127.28	-42.43	0.00521	-120.21	-49.50	0.00620
-113.14	-56.57	0.00741	-106.07	-63.64	0.00888
-102.53	-67.18	0.00973	-98.99	-70.71	0.01065

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-96.87	-72.83	0.01124	-95.46	-74.25	0.01165
-94.05	-75.66	0.01207	-92.63	-77.07	0.01252

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-91.22	-78.49	0.01301	-78.49	-91.22	0.00871
-77.07	-92.63	0.00818	-75.66	-94.05	0.00775
-74.25	-95.46	0.00737	-72.83	-96.87	0.00703
-70.71	-98.99	0.00657	-67.18	-102.53	0.00591
-63.64	-106.07	0.00535	-56.57	-113.14	0.00444
-49.50	-120.21	0.00375	-42.43	-127.28	0.00320
-35.36	-134.35	0.00276	-28.28	-141.42	0.00240
-21.21	-148.49	0.00210	-14.14	-155.56	0.00186
-148.49	-7.07	0.00284	-141.42	-14.14	0.00330
-134.35	-21.21	0.00385	-127.28	-28.28	0.00452
-120.21	-35.36	0.00533	-113.14	-42.43	0.00631
-106.07	-49.50	0.00751	-98.99	-56.57	0.00897
-95.46	-60.10	0.00981	-91.92	-63.64	0.01073
-89.80	-65.76	0.01132	-88.39	-67.18	0.01173
-86.97	-68.59	0.01215	-85.56	-70.00	0.01258
-84.15	-71.42	0.01308	-71.42	-84.15	0.00876
-70.00	-85.56	0.00823	-68.59	-86.97	0.00780
-67.18	-88.39	0.00741	-65.76	-89.80	0.00707
-63.64	-91.92	0.00660	-60.10	-95.46	0.00594
-56.57	-98.99	0.00538	-49.50	-106.07	0.00447
-42.43	-113.14	0.00376	-35.36	-120.21	0.00321
-28.28	-127.28	0.00276	-21.21	-134.35	0.00240
-14.14	-141.42	0.00210	-7.07	-148.49	0.00186
-141.42	0.00	0.00293	-134.35	-7.07	0.00339
-127.28	-14.14	0.00395	-120.21	-21.21	0.00461
-113.14	-28.28	0.00542	-106.07	-35.36	0.00640
-98.99	-42.43	0.00759	-91.92	-49.50	0.00905
-88.39	-53.03	0.00988	-84.85	-56.57	0.01080
-82.73	-58.69	0.01138	-81.32	-60.10	0.01179
-79.90	-61.52	0.01221	-78.49	-62.93	0.01265
-77.07	-64.35	0.01313	-64.35	-77.07	0.00880
-62.93	-78.49	0.00827	-61.52	-79.90	0.00783
-60.10	-81.32	0.00745	-58.69	-82.73	0.00710
-56.57	-84.85	0.00663	-53.03	-88.39	0.00597
-49.50	-91.92	0.00540	-42.43	-98.99	0.00448
-35.36	-106.07	0.00377	-28.28	-113.14	0.00321
-21.21	-120.21	0.00277	-14.14	-127.28	0.00240
-7.07	-134.35	0.00210	0.00	-141.42	0.00185

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTS:
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-134.35	7.07	0.00301	-127.28	0.00	0.00347
-120.21	-7.07	0.00403	-113.14	-14.14	0.00469
-106.07	-21.21	0.00550	-98.99	-28.28	0.00647
-91.92	-35.36	0.00766	-84.85	-42.43	0.00910
-81.32	-45.96	0.00994	-77.78	-49.50	0.01085
-75.66	-51.62	0.01143	-74.25	-53.03	0.01183
-72.83	-54.45	0.01226	-71.42	-55.86	0.01270
-70.00	-57.28	0.01317	-57.28	-70.00	0.00884
-55.86	-71.42	0.00830	-54.45	-72.83	0.00786
-53.03	-74.25	0.00747	-51.62	-75.66	0.00712
-49.50	-77.78	0.00666	-45.96	-81.32	0.00598
-42.43	-84.85	0.00541	-35.36	-91.92	0.00449
-28.28	-98.99	0.00378	-21.21	-106.07	0.00322
-14.14	-113.14	0.00277	-7.07	-120.21	0.00240
0.00	-127.28	0.00210	7.07	-134.35	0.00185
-127.28	14.14	0.00308	-120.21	7.07	0.00354
-113.14	0.00	0.00409	-106.07	-7.07	0.00476
-98.99	-14.14	0.00556	-91.92	-21.21	0.00653
-84.85	-28.28	0.00771	-77.78	-35.36	0.00915
-74.25	-38.89	0.00998	-70.71	-42.43	0.01088
-68.59	-44.55	0.01147	-67.18	-45.96	0.01188
-65.76	-47.38	0.01230	-64.35	-48.79	0.01274
-62.93	-50.20	0.01321	-50.20	-62.93	0.00886
-48.79	-64.35	0.00833	-47.38	-65.76	0.00789
-45.96	-67.18	0.00749	-44.55	-68.59	0.00714
-42.43	-70.71	0.00667	-38.89	-74.25	0.00600
-35.36	-77.78	0.00543	-28.28	-84.85	0.00450
-21.21	-91.92	0.00378	-14.14	-98.99	0.00322
-7.07	-106.07	0.00277	0.00	-113.14	0.00240
7.07	-120.21	0.00209	14.14	-127.28	0.00184
-120.21	21.21	0.00313	-113.14	14.14	0.00359
-106.07	7.07	0.00415	-98.99	0.00	0.00481
-91.92	-7.07	0.00560	-84.85	-14.14	0.00657
-77.78	-21.21	0.00774	-70.71	-28.28	0.00918
-67.18	-31.82	0.01000	-63.64	-35.36	0.01092
-61.52	-37.48	0.01151	-60.10	-38.89	0.01191
-58.69	-40.31	0.01233	-57.28	-41.72	0.01276
-55.86	-43.13	0.01324	-43.13	-55.86	0.00888
-41.72	-57.28	0.00835	-40.31	-58.69	0.00790
-38.89	-60.10	0.00751	-37.48	-61.52	0.00716

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-35.36	-63.64	0.00669	-31.82	-67.18	0.00601
-28.28	-70.71	0.00543	-21.21	-77.78	0.00450
-14.14	-84.85	0.00378	-7.07	-91.92	0.00321
0.00	-98.99	0.00276	7.07	-106.07	0.00239
14.14	-113.14	0.00209	21.21	-120.21	0.00183
-113.14	28.28	0.00318	-106.07	21.21	0.00364
-98.99	14.14	0.00419	-91.92	7.07	0.00485
-84.85	0.00	0.00564	-77.78	-7.07	0.00660
-70.71	-14.14	0.00777	-63.64	-21.21	0.00920
-60.10	-24.75	0.01003	-56.57	-28.28	0.01095
-54.45	-30.41	0.01153	-53.03	-31.82	0.01193
-51.62	-33.23	0.01235	-50.20	-34.65	0.01279
-48.79	-36.06	0.01326	-36.06	-48.79	0.00890
-34.65	-50.20	0.00836	-33.23	-51.62	0.00791
-31.82	-53.03	0.00752	-30.41	-54.45	0.00717
-28.28	-56.57	0.00669	-24.75	-60.10	0.00601
-21.21	-63.64	0.00543	-14.14	-70.71	0.00450
-7.07	-77.78	0.00378	0.00	-84.85	0.00321
7.07	-91.92	0.00275	14.14	-98.99	0.00238
21.21	-106.07	0.00208	28.28	-113.14	0.00182
-106.07	35.36	0.00321	-98.99	28.28	0.00367
-91.92	21.21	0.00422	-84.85	14.14	0.00487
-77.78	7.07	0.00566	-70.71	0.00	0.00662
-63.64	-7.07	0.00779	-56.57	-14.14	0.00921
-53.03	-17.68	0.01005	-49.50	-21.21	0.01096
-47.38	-23.33	0.01153	-45.96	-24.75	0.01193
-44.55	-26.16	0.01235	-43.13	-27.58	0.01281
-41.72	-28.99	0.01331	-28.99	-41.72	0.00891
-27.58	-43.13	0.00837	-26.16	-44.55	0.00791
-24.75	-45.96	0.00752	-23.33	-47.38	0.00717
-21.21	-49.50	0.00669	-17.68	-53.03	0.00601
-14.14	-56.57	0.00543	-7.07	-63.64	0.00449
0.00	-70.71	0.00377	7.07	-77.78	0.00320
14.14	-84.85	0.00274	21.21	-91.92	0.00237

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

28.28	-98.99	0.00206	35.36	-106.07	0.00181
-98.99	42.43	0.00324	-91.92	35.36	0.00370
-84.85	28.28	0.00424	-77.78	21.21	0.00489
-70.71	14.14	0.00568	-63.64	7.07	0.00663
-56.57	0.00	0.00780	-49.50	-7.07	0.00923
-45.96	-10.61	0.01006	-42.43	-14.14	0.01096

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
 PAGE 131
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.31	-16.26	0.01154	-38.89	-17.68	0.01195
-37.48	-19.09	0.01236	-36.06	-20.51	0.01281
-34.65	-21.92	0.01331	-21.92	-34.65	0.00891
-20.51	-36.06	0.00837	-19.09	-37.48	0.00791
-17.68	-38.89	0.00752	-16.26	-40.31	0.00717
-14.14	-42.43	0.00669	-10.61	-45.96	0.00600
-7.07	-49.50	0.00542	0.00	-56.57	0.00448
7.07	-63.64	0.00376	14.14	-70.71	0.00318
21.21	-77.78	0.00273	28.28	-84.85	0.00235
35.36	-91.92	0.00205	42.43	-98.99	0.00179
-91.92	49.50	0.00326	-84.85	42.43	0.00372
-77.78	35.36	0.00426	-70.71	28.28	0.00491
-63.64	21.21	0.00569	-56.57	14.14	0.00664
-49.50	7.07	0.00780	-42.43	0.00	0.00923
-38.89	-3.54	0.01006	-35.36	-7.07	0.01097
-33.23	-9.19	0.01155	-31.82	-10.61	0.01195
-30.41	-12.02	0.01236	-28.99	-13.44	0.01280
-27.58	-14.85	0.01329	-14.85	-27.58	0.00889
-13.44	-28.99	0.00836	-12.02	-30.41	0.00791
-10.61	-31.82	0.00752	-9.19	-33.23	0.00716
-7.07	-35.36	0.00668	-3.54	-38.89	0.00599
0.00	-42.43	0.00541	7.07	-49.50	0.00447
14.14	-56.57	0.00374	21.21	-63.64	0.00317
28.28	-70.71	0.00271	35.36	-77.78	0.00233
42.43	-84.85	0.00203	49.50	-91.92	0.00177
-84.85	56.57	0.00328	-77.78	49.50	0.00373
-70.71	42.43	0.00427	-63.64	35.36	0.00491
-56.57	28.28	0.00569	-49.50	21.21	0.00664

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-42.43	14.14	0.00780	-35.36	7.07	0.00923
-31.82	3.54	0.01005	-28.28	0.00	0.01096
-26.16	-2.12	0.01154	-24.75	-3.54	0.01194
-23.33	-4.95	0.01236	-21.92	-6.36	0.01279
-20.51	-7.78	0.01327	-7.78	-20.51	0.00888
-6.36	-21.92	0.00834	-4.95	-23.33	0.00790
-3.54	-24.75	0.00750	-2.12	-26.16	0.00715
0.00	-28.28	0.00667	3.54	-31.82	0.00598
7.07	-35.36	0.00540	14.14	-42.43	0.00445
21.21	-49.50	0.00372	28.28	-56.57	0.00315
35.36	-63.64	0.00269	42.43	-70.71	0.00231
49.50	-77.78	0.00201	56.57	-84.85	0.00175

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-77.78	63.64	0.00329	-70.71	56.57	0.00374
-63.64	49.50	0.00427	-56.57	42.43	0.00491
-49.50	35.36	0.00568	-42.43	28.28	0.00663
-35.36	21.21	0.00779	-28.28	14.14	0.00922
-24.75	10.61	0.01004	-21.21	7.07	0.01095
-19.09	4.95	0.01153	-17.68	3.54	0.01192
-16.26	2.12	0.01234	-14.85	0.71	0.01278
-13.44	-0.71	0.01325	-0.71	-13.44	0.00886
0.71	-14.85	0.00833	2.12	-16.26	0.00788
3.54	-17.68	0.00748	4.95	-19.09	0.00713
7.07	-21.21	0.00665	10.61	-24.75	0.00596
14.14	-28.28	0.00538	21.21	-35.36	0.00443
28.28	-42.43	0.00370	35.36	-49.50	0.00312
42.43	-56.57	0.00266	49.50	-63.64	0.00229
56.57	-70.71	0.00198	63.64	-77.78	0.00173
-70.71	70.71	0.00329	-63.64	63.64	0.00374
-56.57	56.57	0.00426	-49.50	49.50	0.00490
-42.43	42.43	0.00567	-35.36	35.36	0.00662
-28.28	28.28	0.00778	-21.21	21.21	0.00920
-17.68	17.68	0.01003	-14.14	14.14	0.01093
-12.02	12.02	0.01150	-10.61	10.61	0.01191
-9.19	9.19	0.01232	-7.78	7.78	0.01276

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-6.36	6.36	0.01323	6.36	-6.36	0.00885
7.78	-7.78	0.00831	9.19	-9.19	0.00786
10.61	-10.61	0.00746	12.02	-12.02	0.00710
14.14	-14.14	0.00663	17.68	-17.68	0.00594
21.21	-21.21	0.00535	28.28	-28.28	0.00440
35.36	-35.36	0.00367	42.43	-42.43	0.00310
49.50	-49.50	0.00264	56.57	-56.57	0.00226
63.64	-63.64	0.00196	70.71	-70.71	0.00170
-63.64	77.78	0.00329	-56.57	70.71	0.00373
-49.50	63.64	0.00425	-42.43	56.57	0.00489
-35.36	49.50	0.00565	-28.28	42.43	0.00660
-21.21	35.36	0.00776	-14.14	28.28	0.00918
-10.61	24.75	0.01000	-7.07	21.21	0.01090
-4.95	19.09	0.01148	-3.54	17.68	0.01189
-2.12	16.26	0.01231	-0.71	14.85	0.01274
0.71	13.44	0.01321	13.44	0.71	0.00882
14.85	-0.71	0.00828	16.26	-2.12	0.00783
17.68	-3.54	0.00743	19.09	-4.95	0.00708

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
21.21	-7.07	0.00660	24.75	-10.61	0.00591
28.28	-14.14	0.00532	35.36	-21.21	0.00437
42.43	-28.28	0.00364	49.50	-35.36	0.00306
56.57	-42.43	0.00260	63.64	-49.50	0.00223
70.71	-56.57	0.00193	77.78	-63.64	0.00167
-56.57	84.85	0.00329	-49.50	77.78	0.00372
-42.43	70.71	0.00424	-35.36	63.64	0.00487
-28.28	56.57	0.00563	-21.21	49.50	0.00657
-14.14	42.43	0.00773	-7.07	35.36	0.00915
-3.54	31.82	0.00997	0.00	28.28	0.01088
2.12	26.16	0.01146	3.54	24.75	0.01186
4.95	23.33	0.01227	6.36	21.92	0.01271
7.78	20.51	0.01318	20.51	7.78	0.00879
21.92	6.36	0.00825	23.33	4.95	0.00780
24.75	3.54	0.00740	26.16	2.12	0.00705
28.28	0.00	0.00657	31.82	-3.54	0.00587

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

35.36	-7.07	0.00529	42.43	-14.14	0.00434
49.50	-21.21	0.00360	56.57	-28.28	0.00303
63.64	-35.36	0.00257	70.71	-42.43	0.00220
77.78	-49.50	0.00189	84.85	-56.57	0.00164
-49.50	91.92	0.00328	-42.43	84.85	0.00371
-35.36	77.78	0.00422	-28.28	70.71	0.00484
-21.21	63.64	0.00560	-14.14	56.57	0.00654
-7.07	49.50	0.00769	0.00	42.43	0.00910
3.54	38.89	0.00993	7.07	35.36	0.01084
9.19	33.23	0.01142	10.61	31.82	0.01182
12.02	30.41	0.01224	13.44	28.99	0.01268
14.85	27.58	0.01315	27.58	14.85	0.00876
28.99	13.44	0.00822	30.41	12.02	0.00776
31.82	10.61	0.00736	33.23	9.19	0.00701
35.36	7.07	0.00652	38.89	3.54	0.00584
42.43	0.00	0.00525	49.50	-7.07	0.00430
56.57	-14.14	0.00356	63.64	-21.21	0.00299
70.71	-28.28	0.00253	77.78	-35.36	0.00216
84.85	-42.43	0.00186	91.92	-49.50	0.00161
-42.43	98.99	0.00327	-35.36	91.92	0.00369
-28.28	84.85	0.00420	-21.21	77.78	0.00481
-14.14	70.71	0.00557	-7.07	63.64	0.00650
0.00	56.57	0.00765	7.07	49.50	0.00906
10.61	45.96	0.00989	14.14	42.43	0.01080

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
 PAGE 134
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
16.26	40.31	0.01137	17.68	38.89	0.01177
19.09	37.48	0.01219	20.51	36.06	0.01264
21.92	34.65	0.01314	34.65	21.92	0.00872
36.06	20.51	0.00817	37.48	19.09	0.00771
38.89	17.68	0.00732	40.31	16.26	0.00696
42.43	14.14	0.00648	45.96	10.61	0.00579
49.50	7.07	0.00520	56.57	0.00	0.00425
63.64	-7.07	0.00352	70.71	-14.14	0.00294
77.78	-21.21	0.00248	84.85	-28.28	0.00212
91.92	-35.36	0.00182	98.99	-42.43	0.00157

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

-35.36	106.07	0.00325	-28.28	98.99	0.00367
-21.21	91.92	0.00417	-14.14	84.85	0.00478
-7.07	77.78	0.00553	0.00	70.71	0.00645
7.07	63.64	0.00760	14.14	56.57	0.00902
17.68	53.03	0.00984	21.21	49.50	0.01074
23.33	47.38	0.01132	24.75	45.96	0.01172
26.16	44.55	0.01214	27.58	43.13	0.01259
28.99	41.72	0.01308	41.72	28.99	0.00866
43.13	27.58	0.00812	44.55	26.16	0.00766
45.96	24.75	0.00727	47.38	23.33	0.00691
49.50	21.21	0.00643	53.03	17.68	0.00574
56.57	14.14	0.00514	63.64	7.07	0.00420
70.71	0.00	0.00346	77.78	-7.07	0.00289
84.85	-14.14	0.00244	91.92	-21.21	0.00207
98.99	-28.28	0.00177	106.07	-35.36	0.00153
-28.28	113.14	0.00324	-21.21	106.07	0.00365
-14.14	98.99	0.00414	-7.07	91.92	0.00474
0.00	84.85	0.00548	7.07	77.78	0.00640
14.14	70.71	0.00754	21.21	63.64	0.00896
24.75	60.10	0.00978	28.28	56.57	0.01068
30.41	54.45	0.01126	31.82	53.03	0.01167
33.23	51.62	0.01208	34.65	50.20	0.01252
36.06	48.79	0.01300	48.79	36.06	0.00859
50.20	34.65	0.00806	51.62	33.23	0.00760
53.03	31.82	0.00721	54.45	30.41	0.00685
56.57	28.28	0.00637	60.10	24.75	0.00568
63.64	21.21	0.00509	70.71	14.14	0.00414
77.78	7.07	0.00341	84.85	0.00	0.00283
91.92	-7.07	0.00238	98.99	-14.14	0.00202
106.07	-21.21	0.00172	113.14	-28.28	0.00148

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

18:23:07
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-21.21	120.21	0.00322	-14.14	113.14	0.00362
-7.07	106.07	0.00410	0.00	98.99	0.00469
7.07	91.92	0.00542	14.14	84.85	0.00634
21.21	77.78	0.00747	28.28	70.71	0.00889

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

31.82	67.18	0.00971	35.36	63.64	0.01061
37.48	61.52	0.01119	38.89	60.10	0.01159
40.31	58.69	0.01201	41.72	57.28	0.01244
43.13	55.86	0.01292	55.86	43.13	0.00852
57.28	41.72	0.00798	58.69	40.31	0.00753
60.10	38.89	0.00714	61.52	37.48	0.00678
63.64	35.36	0.00630	67.18	31.82	0.00561
70.71	28.28	0.00502	77.78	21.21	0.00407
84.85	14.14	0.00334	91.92	7.07	0.00277
98.99	0.00	0.00232	106.07	-7.07	0.00196
113.14	-14.14	0.00167	120.21	-21.21	0.00143
-14.14	127.28	0.00319	-7.07	120.21	0.00359
0.00	113.14	0.00406	7.07	106.07	0.00464
14.14	98.99	0.00536	21.21	91.92	0.00627
28.28	84.85	0.00740	35.36	77.78	0.00881
38.89	74.25	0.00963	42.43	70.71	0.01053
44.55	68.59	0.01111	45.96	67.18	0.01151
47.38	65.76	0.01192	48.79	64.35	0.01236
50.20	62.93	0.01283	62.93	50.20	0.00844
64.35	48.79	0.00790	65.76	47.38	0.00745
67.18	45.96	0.00705	68.59	44.55	0.00670
70.71	42.43	0.00622	74.25	38.89	0.00553
77.78	35.36	0.00494	84.85	28.28	0.00399
91.92	21.21	0.00326	98.99	14.14	0.00270
106.07	7.07	0.00225	113.14	0.00	0.00190
120.21	-7.07	0.00161	127.28	-14.14	0.00138
-7.07	134.35	0.00317	0.00	127.28	0.00355
7.07	120.21	0.00402	14.14	113.14	0.00459
21.21	106.07	0.00530	28.28	98.99	0.00619
35.36	91.92	0.00731	42.43	84.85	0.00871
45.96	81.32	0.00953	49.50	77.78	0.01043
51.62	75.66	0.01101	53.03	74.25	0.01141
54.45	72.83	0.01183	55.86	71.42	0.01226
57.28	70.00	0.01274	70.00	57.28	0.00835
71.42	55.86	0.00781	72.83	54.45	0.00736
74.25	53.03	0.00696	75.66	51.62	0.00660

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
77.78	49.50	0.00613	81.32	45.96	0.00544
84.85	42.43	0.00485	91.92	35.36	0.00390
98.99	28.28	0.00318	106.07	21.21	0.00262
113.14	14.14	0.00218	120.21	7.07	0.00183
127.28	0.00	0.00155	134.35	-7.07	0.00133
0.00	141.42	0.00314	7.07	134.35	0.00352
14.14	127.28	0.00397	21.21	120.21	0.00453
28.28	113.14	0.00523	35.36	106.07	0.00610
42.43	98.99	0.00721	49.50	91.92	0.00861
53.03	88.39	0.00942	56.57	84.85	0.01032
58.69	82.73	0.01090	60.10	81.32	0.01130
61.52	79.90	0.01172	62.93	78.49	0.01216
64.35	77.07	0.01263	77.07	64.35	0.00824
78.49	62.93	0.00770	79.90	61.52	0.00725
81.32	60.10	0.00686	82.73	58.69	0.00650
84.85	56.57	0.00602	88.39	53.03	0.00533
91.92	49.50	0.00475	98.99	42.43	0.00380
106.07	35.36	0.00308	113.14	28.28	0.00253
120.21	21.21	0.00210	127.28	14.14	0.00176
134.35	7.07	0.00149	141.42	0.00	0.00127
7.07	148.49	0.00311	14.14	141.42	0.00348
21.21	134.35	0.00392	28.28	127.28	0.00447
35.36	120.21	0.00515	42.43	113.14	0.00601
49.50	106.07	0.00710	56.57	98.99	0.00848
60.10	95.46	0.00929	63.64	91.92	0.01019
65.76	89.80	0.01078	67.18	88.39	0.01118
68.59	86.97	0.01159	70.00	85.56	0.01203
71.42	84.15	0.01250	84.15	71.42	0.00812
85.56	70.00	0.00758	86.97	68.59	0.00713
88.39	67.18	0.00673	89.80	65.76	0.00638
91.92	63.64	0.00590	95.46	60.10	0.00521
98.99	56.57	0.00462	106.07	49.50	0.00369
113.14	42.43	0.00298	120.21	35.36	0.00243
127.28	28.28	0.00201	134.35	21.21	0.00168
141.42	14.14	0.00141	148.49	7.07	0.00120
14.14	155.56	0.00308	21.21	148.49	0.00344
28.28	141.42	0.00387	35.36	134.35	0.00441
42.43	127.28	0.00507	49.50	120.21	0.00590
56.57	113.14	0.00697	63.64	106.07	0.00833
67.18	102.53	0.00914	70.71	98.99	0.01005

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at NE/SW Bound Direction

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 **MODELOPTS:
 PAGE 137
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
72.83	96.87	0.01063	74.25	95.46	0.01103	
75.66	94.05	0.01144	77.07	92.63	0.01188	
78.49	91.22	0.01235	91.22	78.49	0.00798	
92.63	77.07	0.00744	94.05	75.66	0.00698	
95.46	74.25	0.00659	96.87	72.83	0.00623	
98.99	70.71	0.00575	102.53	67.18	0.00507	
106.07	63.64	0.00448	113.14	56.57	0.00355	
120.21	49.50	0.00285	127.28	42.43	0.00232	
134.35	35.36	0.00191	141.42	28.28	0.00159	
148.49	21.21	0.00134	155.56	14.14	0.00114	
21.21	162.63	0.00304	28.28	155.56	0.00340	
35.36	148.49	0.00382	42.43	141.42	0.00434	
49.50	134.35	0.00498	56.57	127.28	0.00579	
63.64	120.21	0.00683	70.71	113.14	0.00816	
74.25	109.60	0.00898	77.78	106.07	0.00987	
79.90	103.94	0.01044	81.32	102.53	0.01084	
82.73	101.12	0.01126	84.15	99.70	0.01172	
85.56	98.29	0.01221	98.29	85.56	0.00781	
99.70	84.15	0.00727	101.12	82.73	0.00681	
102.53	81.32	0.00642	103.94	79.90	0.00606	
106.07	77.78	0.00559	109.60	74.25	0.00490	
113.14	70.71	0.00432	120.21	63.64	0.00340	
127.28	56.57	0.00272	134.35	49.50	0.00220	
141.42	42.43	0.00180	148.49	35.36	0.00150	
155.56	28.28	0.00126	162.63	21.21	0.00107	
28.28	169.71	0.00301	35.36	162.63	0.00335	
42.43	155.56	0.00377	49.50	148.49	0.00427	
56.57	141.42	0.00489	63.64	134.35	0.00568	
70.71	127.28	0.00668	77.78	120.21	0.00798	
81.32	116.67	0.00878	84.85	113.14	0.00966	
86.97	111.02	0.01023	88.39	109.60	0.01063	
89.80	108.19	0.01105	91.22	106.77	0.01150	
92.63	105.36	0.01199	105.36	92.63	0.00761	
106.77	91.22	0.00707	108.19	89.80	0.00661	
109.60	88.39	0.00622	111.02	86.97	0.00586	
113.14	84.85	0.00539	116.67	81.32	0.00471	

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

120.21	77.78	0.00413	127.28	70.71	0.00323
134.35	63.64	0.00256	141.42	56.57	0.00206
148.49	49.50	0.00169	155.56	42.43	0.00140
162.63	35.36	0.00118	169.71	28.28	0.00100

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at NE/SW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
35.36	176.78	0.00297	42.43	169.71	0.00331
49.50	162.63	0.00371	56.57	155.56	0.00420
63.64	148.49	0.00480	70.71	141.42	0.00555
77.78	134.35	0.00652	84.85	127.28	0.00777
88.39	123.74	0.00855	91.92	120.21	0.00941
94.05	118.09	0.00998	95.46	116.67	0.01038
96.87	115.26	0.01079	98.29	113.84	0.01124
99.70	112.43	0.01173	112.43	99.70	0.00735
113.84	98.29	0.00682	115.26	96.87	0.00637
116.67	95.46	0.00598	118.09	94.05	0.00563
120.21	91.92	0.00516	123.74	88.39	0.00448
127.28	84.85	0.00391	134.35	77.78	0.00303
141.42	70.71	0.00239	148.49	63.64	0.00192
155.56	56.57	0.00156	162.63	49.50	0.00130
169.71	42.43	0.00110	176.78	35.36	0.00094
42.43	183.85	0.00293	49.50	176.78	0.00326
56.57	169.71	0.00365	63.64	162.63	0.00412
70.71	155.56	0.00470	77.78	148.49	0.00543
84.85	141.42	0.00635	91.92	134.35	0.00754
95.46	130.81	0.00828	98.99	127.28	0.00912
101.12	125.16	0.00968	102.53	123.74	0.01008
103.94	122.33	0.01049	105.36	120.92	0.01092
106.77	119.50	0.01141	119.50	106.77	0.00706
120.92	105.36	0.00653	122.33	103.94	0.00608
123.74	102.53	0.00570	125.16	101.12	0.00534
127.28	98.99	0.00487	130.81	95.46	0.00421
134.35	91.92	0.00366	141.42	84.85	0.00281
148.49	77.78	0.00220	155.56	70.71	0.00176
162.63	63.64	0.00144	169.71	56.57	0.00120
176.78	49.50	0.00101	183.85	42.43	0.00087

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

49.50	190.92	0.00290	56.57	183.85	0.00321
63.64	176.78	0.00359	70.71	169.71	0.00405
77.78	162.63	0.00461	84.85	155.56	0.00530
91.92	148.49	0.00617	98.99	141.42	0.00729
102.53	137.89	0.00799	106.07	134.35	0.00879
108.19	132.23	0.00933	109.60	130.81	0.00971
111.02	129.40	0.01012	112.43	127.99	0.01055
113.84	126.57	0.01103	126.57	113.84	0.00671
127.99	112.43	0.00618	129.40	111.02	0.00574
130.81	109.60	0.00535	132.23	108.19	0.00500

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
134.35	106.07	0.00454	137.89	102.53	0.00389
141.42	98.99	0.00336	148.49	91.92	0.00256
155.56	84.85	0.00200	162.63	77.78	0.00160
169.71	70.71	0.00131	176.78	63.64	0.00110
183.85	56.57	0.00094	190.92	49.50	0.00081
56.57	197.99	0.00286	63.64	190.92	0.00317
70.71	183.85	0.00353	77.78	176.78	0.00397
84.85	169.71	0.00451	91.92	162.63	0.00517
98.99	155.56	0.00600	106.07	148.49	0.00704
109.60	144.96	0.00767	113.14	141.42	0.00841
115.26	139.30	0.00891	116.67	137.89	0.00928
118.09	136.47	0.00968	119.50	135.06	0.01010
120.92	133.64	0.01057	133.64	120.92	0.00628
135.06	119.50	0.00575	136.47	118.09	0.00531
137.89	116.67	0.00493	139.30	115.26	0.00459
141.42	113.14	0.00414	144.96	109.60	0.00352
148.49	106.07	0.00302	155.56	98.99	0.00229
162.63	91.92	0.00179	169.71	84.85	0.00144
176.78	77.78	0.00119	183.85	70.71	0.00101
190.92	63.64	0.00087	197.99	56.57	0.00076
63.64	205.06	0.00282	70.71	197.99	0.00312
77.78	190.92	0.00347	84.85	183.85	0.00390
91.92	176.78	0.00441	98.99	169.71	0.00504
106.07	162.63	0.00582	113.14	155.56	0.00679

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

116.67	152.03	0.00736	120.21	148.49	0.00802
122.33	146.37	0.00847	123.74	144.96	0.00880
125.16	143.54	0.00917	126.57	142.13	0.00957
127.99	140.71	0.01002	140.71	127.99	0.00575
142.13	126.57	0.00523	143.54	125.16	0.00479
144.96	123.74	0.00442	146.37	122.33	0.00409
148.49	120.21	0.00367	152.03	116.67	0.00309
155.56	113.14	0.00264	162.63	106.07	0.00200
169.71	98.99	0.00159	176.78	91.92	0.00130
183.85	84.85	0.00109	190.92	77.78	0.00093
197.99	70.71	0.00081	205.06	63.64	0.00071
70.71	212.13	0.00278	77.78	205.06	0.00307
84.85	197.99	0.00341	91.92	190.92	0.00383
98.99	183.85	0.00432	106.07	176.78	0.00493
113.14	169.71	0.00566	120.21	162.63	0.00656
123.74	159.10	0.00707	127.28	155.56	0.00765

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** Maximum train overlap at NE/SW Bound Direction ***

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
129.40	153.44	0.00803	130.81	152.03	0.00831
132.23	150.61	0.00861	133.64	149.20	0.00896
135.06	147.79	0.00937	147.79	135.06	0.00510
149.20	133.64	0.00458	150.61	132.23	0.00417
152.03	130.81	0.00382	153.44	129.40	0.00352
155.56	127.28	0.00313	159.10	123.74	0.00263
162.63	120.21	0.00226	169.71	113.14	0.00174
176.78	106.07	0.00141	183.85	98.99	0.00118
190.92	91.92	0.00100	197.99	84.85	0.00087
205.06	77.78	0.00076	212.13	70.71	0.00067
77.78	219.20	0.00273	84.85	212.13	0.00302
91.92	205.06	0.00335	98.99	197.99	0.00375
106.07	190.92	0.00423	113.14	183.85	0.00481
120.21	176.78	0.00551	127.28	169.71	0.00634
130.81	166.17	0.00682	134.35	162.63	0.00733
136.47	160.51	0.00765	137.89	159.10	0.00786
139.30	157.68	0.00810	140.71	156.27	0.00835
142.13	154.86	0.00867	154.86	142.13	0.00429

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

156.27	140.71	0.00381	157.68	139.30	0.00344
159.10	137.89	0.00313	160.51	136.47	0.00288
162.63	134.35	0.00258	166.17	130.81	0.00220
169.71	127.28	0.00193	176.78	120.21	0.00154
183.85	113.14	0.00128	190.92	106.07	0.00108
197.99	98.99	0.00093	205.06	91.92	0.00081
212.13	84.85	0.00072	219.20	77.78	0.00064
84.85	226.27	0.00269	91.92	219.20	0.00296
98.99	212.13	0.00328	106.07	205.06	0.00366
113.14	197.99	0.00412	120.21	190.92	0.00468
127.28	183.85	0.00535	134.35	176.78	0.00614
137.89	173.24	0.00660	141.42	169.71	0.00706
143.54	167.58	0.00733	144.96	166.17	0.00751
146.37	164.76	0.00769	147.79	163.34	0.00787
149.20	161.93	0.00806	161.93	149.20	0.00335
163.34	147.79	0.00302	164.76	146.37	0.00277
166.17	144.96	0.00258	167.58	143.54	0.00241
169.71	141.42	0.00220	173.24	137.89	0.00193
176.78	134.35	0.00172	183.85	127.28	0.00140
190.92	120.21	0.00118	197.99	113.14	0.00100
205.06	106.07	0.00087	212.13	98.99	0.00076
219.20	91.92	0.00067	226.27	84.85	0.00060

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at NE/SW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
91.92	233.35	0.00264	98.99	226.27	0.00290
106.07	219.20	0.00321	113.14	212.13	0.00358
120.21	205.06	0.00401	127.28	197.99	0.00454
134.35	190.92	0.00517	141.42	183.85	0.00592
144.96	180.31	0.00632	148.49	176.78	0.00671
150.61	174.66	0.00693	152.03	173.24	0.00705
153.44	171.83	0.00714	154.86	170.41	0.00718
156.27	169.00	0.00710	169.00	156.27	0.00290
170.41	154.86	0.00267	171.83	153.44	0.00247
173.24	152.03	0.00231	174.66	150.61	0.00217
176.78	148.49	0.00199	180.31	144.96	0.00175
183.85	141.42	0.00156	190.92	134.35	0.00128

15NCRA_NAPA01-300_DPM_TRAV_ANN_NE-SW Bound

197.99	127.28	0.00108	205.06	120.21	0.00093
212.13	113.14	0.00081	219.20	106.07	0.00071
226.27	98.99	0.00063	233.35	91.92	0.00057
98.99	240.42	0.00259	106.07	233.35	0.00284
113.14	226.27	0.00313	120.21	219.20	0.00347
127.28	212.13	0.00387	134.35	205.06	0.00434
141.42	197.99	0.00487	148.49	190.92	0.00537
152.03	187.38	0.00554	155.56	183.85	0.00554
157.68	181.73	0.00544	159.10	180.31	0.00532
160.51	178.90	0.00516	161.93	177.48	0.00497
163.34	176.07	0.00475	176.07	163.34	0.00253
177.48	161.93	0.00237	178.90	160.51	0.00222
180.31	159.10	0.00209	181.73	157.68	0.00198
183.85	155.56	0.00183	187.38	152.03	0.00162
190.92	148.49	0.00144	197.99	141.42	0.00119
205.06	134.35	0.00101	212.13	127.28	0.00087
219.20	120.21	0.00076	226.27	113.14	0.00067
233.35	106.07	0.00060	240.42	98.99	0.00054
106.07	247.49	0.00252	113.14	240.42	0.00275
120.21	233.35	0.00302	127.28	226.27	0.00332
134.35	219.20	0.00365	141.42	212.13	0.00399
148.49	205.06	0.00428	155.56	197.99	0.00437
159.10	194.45	0.00428	162.63	190.92	0.00410
164.76	188.80	0.00395	166.17	187.38	0.00384
167.58	185.97	0.00371	169.00	184.55	0.00358
170.41	183.14	0.00345	183.14	170.41	0.00218
184.55	169.00	0.00206	185.97	167.58	0.00195
187.38	166.17	0.00185	188.80	164.76	0.00176

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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 **MODELOPTs:
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 CONC URBAN FLAT FLGPOL DFAULT
 *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
190.92	162.63	0.00165	194.45	159.10	0.00148	
197.99	155.56	0.00134	205.06	148.49	0.00111	
212.13	141.42	0.00094	219.20	134.35	0.00082	
226.27	127.28	0.00071	233.35	120.21	0.00063	
240.42	113.14	0.00057	247.49	106.07	0.00051	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** Maximum train overlap at NE/SW Bound Direction

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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS 0.00843 AT (	120.92, 133.64, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00840 AT (	113.84, 126.57, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00823 AT (	127.99, 140.71, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00803 AT (	106.77, 119.50, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00791 AT (	119.50, 135.06, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00784 AT (	112.43, 127.99, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00784 AT (	135.06, 147.79, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00774 AT (	126.57, 142.13, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00743 AT (	118.09, 136.47, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00741 AT (	105.36, 120.92, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00843 AT (	57.28, 70.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00840 AT (	50.20, 62.93, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00823 AT (	64.35, 77.07, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00803 AT (	43.13, 55.86, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00791 AT (	55.86, 71.42, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00784 AT (	48.79, 64.35, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00784 AT (	71.42, 84.15, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00774 AT (	62.93, 78.49, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00743 AT (	54.45, 72.83, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00741 AT (	41.72, 57.28, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00843 AT (	-6.36, 6.36, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00840 AT (	-13.44, -0.71, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00823 AT (	0.71, 13.44, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00803 AT (	-20.51, -7.78, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00791 AT (	-7.78, 7.78, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00784 AT (	-14.85, 0.71, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00784 AT (	7.78, 20.51, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00774 AT (	-0.71, 14.85, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00743 AT (	-9.19, 9.19, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00741 AT (	-21.92, -6.36, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at NE/SW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00843 AT (	-70.00, -57.28, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00840 AT (	-77.07, -64.35, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00823 AT (	-62.93, -50.20, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00803 AT (	-84.15, -71.42, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00791 AT (	-71.42, -55.86, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00784 AT (	-78.49, -62.93, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00784 AT (	-55.86, -43.13, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00774 AT (	-64.35, -48.79, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS 0.00743 AT (	-72.83, -54.45, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS 0.00741 AT (	-85.56, -70.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00843 AT (	-133.64, -120.92, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS 0.00840 AT (	-140.71, -127.99, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS 0.00823 AT (	-126.57, -113.84, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS 0.00803 AT (	-147.79, -135.06, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS 0.00791 AT (	-135.06, -119.50, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS 0.00784 AT (	-142.13, -126.57, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS 0.00784 AT (	-119.50, -106.77, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS 0.00774 AT (	-127.99, -112.43, 0.00, 1.20)	DC	NA

		15NCRA NAPA01-300_DPM_TRAV_ANN_NE-SW Bound								
	9TH HIGHEST VALUE IS	0.00743	AT (	-136.47,	-118.09,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00741	AT (	-149.20,	-133.64,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01331	AT (	-41.72,	-28.99,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01331	AT (	-34.65,	-21.92,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01329	AT (	-27.58,	-14.85,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01327	AT (	-20.51,	-7.78,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01326	AT (	-48.79,	-36.06,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01325	AT (	-13.44,	-0.71,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01324	AT (	-55.86,	-43.13,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01323	AT (	-6.36,	6.36,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01321	AT (	-62.93,	-50.20,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01321	AT (	0.71,	13.44,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at NE/SW Bound Direction ***

18:23:07

**MODELOPTs:
 PAGE 145

CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 1 Informational Message(s)
 A Total of 1 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***

ISCST3x VERSION 4.4.3
(C) COPYRIGHT 1991-2006, Trinity Consultants

Run Began on 4/20/2008 at 18:32:59

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at SE/NW Bound Direction
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTS FLAT
CO FLAGPOLE 1.2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA 98.64 -92.28 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA 35.0 -28.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -28.64 35.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -92.28 98.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -155.92 162.28 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 135 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

RE DISCCART	-106.07	247.49	1.2
RE DISCCART	-113.14	240.42	1.2
RE DISCCART	-120.21	233.35	1.2
RE DISCCART	-127.28	226.27	1.2
RE DISCCART	-134.35	219.2	1.2
RE DISCCART	-141.42	212.13	1.2
RE DISCCART	-148.49	205.06	1.2
RE DISCCART	-155.56	197.99	1.2
RE DISCCART	-159.1	194.45	1.2
RE DISCCART	-162.63	190.92	1.2
RE DISCCART	-164.76	188.8	1.2
RE DISCCART	-166.17	187.38	1.2
RE DISCCART	-167.58	185.97	1.2
RE DISCCART	-169.0	184.55	1.2
RE DISCCART	-170.41	183.14	1.2
RE DISCCART	-183.14	170.41	1.2
RE DISCCART	-184.55	169.0	1.2
RE DISCCART	-185.97	167.58	1.2
RE DISCCART	-187.38	166.17	1.2
RE DISCCART	-188.8	164.76	1.2
RE DISCCART	-190.92	162.63	1.2
RE DISCCART	-194.45	159.1	1.2
RE DISCCART	-197.99	155.56	1.2
RE DISCCART	-205.06	148.49	1.2
RE DISCCART	-212.13	141.42	1.2
RE DISCCART	-219.2	134.35	1.2
RE DISCCART	-226.27	127.28	1.2
RE DISCCART	-233.35	120.21	1.2
RE DISCCART	-240.42	113.14	1.2
RE DISCCART	-247.49	106.07	1.2
RE DISCCART	-98.99	240.42	1.2
RE DISCCART	-106.07	233.35	1.2
RE DISCCART	-113.14	226.27	1.2
RE DISCCART	-120.21	219.2	1.2
RE DISCCART	-127.28	212.13	1.2
RE DISCCART	-134.35	205.06	1.2
RE DISCCART	-141.42	197.99	1.2
RE DISCCART	-148.49	190.92	1.2
RE DISCCART	-152.03	187.38	1.2
RE DISCCART	-155.56	183.85	1.2
RE DISCCART	-157.68	181.73	1.2
RE DISCCART	-159.1	180.31	1.2
RE DISCCART	-160.51	178.9	1.2

RE DISCCART	-161.93	177.48	1.2
RE DISCCART	-163.34	176.07	1.2
RE DISCCART	-176.07	163.34	1.2
RE DISCCART	-177.48	161.93	1.2
RE DISCCART	-178.9	160.51	1.2
RE DISCCART	-180.31	159.1	1.2
RE DISCCART	-181.73	157.68	1.2
RE DISCCART	-183.85	155.56	1.2
RE DISCCART	-187.38	152.03	1.2
RE DISCCART	-190.92	148.49	1.2
RE DISCCART	-197.99	141.42	1.2
RE DISCCART	-205.06	134.35	1.2
RE DISCCART	-212.13	127.28	1.2
RE DISCCART	-219.2	120.21	1.2
RE DISCCART	-226.27	113.14	1.2
RE DISCCART	-233.35	106.07	1.2
RE DISCCART	-240.42	98.99	1.2
RE DISCCART	-91.92	233.35	1.2
RE DISCCART	-99.0	226.27	1.2
RE DISCCART	-106.07	219.2	1.2
RE DISCCART	-113.14	212.13	1.2
RE DISCCART	-120.21	205.06	1.2
RE DISCCART	-127.28	197.99	1.2
RE DISCCART	-134.35	190.92	1.2
RE DISCCART	-141.42	183.85	1.2
RE DISCCART	-144.96	180.31	1.2
RE DISCCART	-148.49	176.78	1.2
RE DISCCART	-150.61	174.66	1.2
RE DISCCART	-152.03	173.24	1.2
RE DISCCART	-153.44	171.83	1.2
RE DISCCART	-154.86	170.41	1.2
RE DISCCART	-156.27	169.0	1.2
RE DISCCART	-169.0	156.27	1.2
RE DISCCART	-170.41	154.86	1.2
RE DISCCART	-171.83	153.44	1.2
RE DISCCART	-173.24	152.03	1.2
RE DISCCART	-174.66	150.61	1.2
RE DISCCART	-176.78	148.49	1.2
RE DISCCART	-180.31	144.96	1.2
RE DISCCART	-183.85	141.42	1.2
RE DISCCART	-190.92	134.35	1.2
RE DISCCART	-197.99	127.28	1.2
RE DISCCART	-205.06	120.21	1.2
RE DISCCART	-212.13	113.14	1.2

RE DISCCART	-219.2	106.07	1.2
RE DISCCART	-226.27	98.99	1.2
RE DISCCART	-233.35	91.92	1.2
RE DISCCART	-84.85	226.27	1.2
RE DISCCART	-91.92	219.2	1.2
RE DISCCART	-99.0	212.13	1.2
RE DISCCART	-106.07	205.06	1.2
RE DISCCART	-113.14	197.99	1.2
RE DISCCART	-120.21	190.92	1.2
RE DISCCART	-127.28	183.85	1.2
RE DISCCART	-134.35	176.78	1.2
RE DISCCART	-137.89	173.24	1.2
RE DISCCART	-141.42	169.71	1.2
RE DISCCART	-143.54	167.58	1.2
RE DISCCART	-144.96	166.17	1.2
RE DISCCART	-146.37	164.76	1.2
RE DISCCART	-147.79	163.34	1.2
RE DISCCART	-149.2	161.93	1.2
RE DISCCART	-161.93	149.2	1.2
RE DISCCART	-163.34	147.79	1.2
RE DISCCART	-164.76	146.37	1.2
RE DISCCART	-166.17	144.96	1.2
RE DISCCART	-167.58	143.54	1.2
RE DISCCART	-169.71	141.42	1.2
RE DISCCART	-173.24	137.89	1.2
RE DISCCART	-176.78	134.35	1.2
RE DISCCART	-183.85	127.28	1.2
RE DISCCART	-190.92	120.21	1.2
RE DISCCART	-197.99	113.14	1.2
RE DISCCART	-205.06	106.07	1.2
RE DISCCART	-212.13	98.99	1.2
RE DISCCART	-219.2	91.92	1.2
RE DISCCART	-226.27	84.85	1.2
RE DISCCART	-77.78	219.2	1.2
RE DISCCART	-84.85	212.13	1.2
RE DISCCART	-91.92	205.06	1.2
RE DISCCART	-99.0	197.99	1.2
RE DISCCART	-106.07	190.92	1.2
RE DISCCART	-113.14	183.85	1.2
RE DISCCART	-120.21	176.78	1.2
RE DISCCART	-127.28	169.71	1.2
RE DISCCART	-130.81	166.17	1.2
RE DISCCART	-134.35	162.63	1.2
RE DISCCART	-136.47	160.51	1.2

RE DISCCART	-137.89	159.1	1.2
RE DISCCART	-139.3	157.68	1.2
RE DISCCART	-140.71	156.27	1.2
RE DISCCART	-142.13	154.86	1.2
RE DISCCART	-154.86	142.13	1.2
RE DISCCART	-156.27	140.71	1.2
RE DISCCART	-157.68	139.3	1.2
RE DISCCART	-159.1	137.89	1.2
RE DISCCART	-160.51	136.47	1.2
RE DISCCART	-162.63	134.35	1.2
RE DISCCART	-166.17	130.81	1.2
RE DISCCART	-169.71	127.28	1.2
RE DISCCART	-176.78	120.21	1.2
RE DISCCART	-183.85	113.14	1.2
RE DISCCART	-190.92	106.07	1.2
RE DISCCART	-197.99	98.99	1.2
RE DISCCART	-205.06	91.92	1.2
RE DISCCART	-212.13	84.85	1.2
RE DISCCART	-219.2	77.78	1.2
RE DISCCART	-70.71	212.13	1.2
RE DISCCART	-77.78	205.06	1.2
RE DISCCART	-84.85	197.99	1.2
RE DISCCART	-91.92	190.92	1.2
RE DISCCART	-98.99	183.85	1.2
RE DISCCART	-106.07	176.78	1.2
RE DISCCART	-113.14	169.71	1.2
RE DISCCART	-120.21	162.63	1.2
RE DISCCART	-123.74	159.1	1.2
RE DISCCART	-127.28	155.56	1.2
RE DISCCART	-129.4	153.44	1.2
RE DISCCART	-130.81	152.03	1.2
RE DISCCART	-132.23	150.61	1.2
RE DISCCART	-133.64	149.2	1.2
RE DISCCART	-135.06	147.79	1.2
RE DISCCART	-147.79	135.06	1.2
RE DISCCART	-149.2	133.64	1.2
RE DISCCART	-150.61	132.23	1.2
RE DISCCART	-152.03	130.81	1.2
RE DISCCART	-153.44	129.4	1.2
RE DISCCART	-155.56	127.28	1.2
RE DISCCART	-159.1	123.74	1.2
RE DISCCART	-162.63	120.21	1.2
RE DISCCART	-169.71	113.14	1.2
RE DISCCART	-176.78	106.07	1.2

RE DISCCART	-183.85	98.99	1.2
RE DISCCART	-190.92	91.92	1.2
RE DISCCART	-197.99	84.85	1.2
RE DISCCART	-205.06	77.78	1.2
RE DISCCART	-212.13	70.71	1.2
RE DISCCART	-63.64	205.06	1.2
RE DISCCART	-70.71	197.99	1.2
RE DISCCART	-77.78	190.92	1.2
RE DISCCART	-84.85	183.85	1.2
RE DISCCART	-91.92	176.78	1.2
RE DISCCART	-98.99	169.71	1.2
RE DISCCART	-106.07	162.63	1.2
RE DISCCART	-113.14	155.56	1.2
RE DISCCART	-116.67	152.03	1.2
RE DISCCART	-120.21	148.49	1.2
RE DISCCART	-122.33	146.37	1.2
RE DISCCART	-123.74	144.96	1.2
RE DISCCART	-125.16	143.54	1.2
RE DISCCART	-126.57	142.13	1.2
RE DISCCART	-127.99	140.71	1.2
RE DISCCART	-140.71	127.99	1.2
RE DISCCART	-142.13	126.57	1.2
RE DISCCART	-143.54	125.16	1.2
RE DISCCART	-144.96	123.74	1.2
RE DISCCART	-146.37	122.33	1.2
RE DISCCART	-148.49	120.21	1.2
RE DISCCART	-152.03	116.67	1.2
RE DISCCART	-155.56	113.14	1.2
RE DISCCART	-162.63	106.07	1.2
RE DISCCART	-169.71	98.99	1.2
RE DISCCART	-176.78	91.92	1.2
RE DISCCART	-183.85	84.85	1.2
RE DISCCART	-190.92	77.78	1.2
RE DISCCART	-197.99	70.71	1.2
RE DISCCART	-205.06	63.64	1.2
RE DISCCART	-56.57	197.99	1.2
RE DISCCART	-63.64	190.92	1.2
RE DISCCART	-70.71	183.85	1.2
RE DISCCART	-77.78	176.78	1.2
RE DISCCART	-84.85	169.71	1.2
RE DISCCART	-91.92	162.63	1.2
RE DISCCART	-98.99	155.56	1.2
RE DISCCART	-106.07	148.49	1.2
RE DISCCART	-109.6	144.96	1.2

RE DISCCART	-113.14	141.42	1.2
RE DISCCART	-115.26	139.3	1.2
RE DISCCART	-116.67	137.89	1.2
RE DISCCART	-118.09	136.47	1.2
RE DISCCART	-119.5	135.06	1.2
RE DISCCART	-120.92	133.64	1.2
RE DISCCART	-133.64	120.92	1.2
RE DISCCART	-135.06	119.5	1.2
RE DISCCART	-136.47	118.09	1.2
RE DISCCART	-137.89	116.67	1.2
RE DISCCART	-139.3	115.26	1.2
RE DISCCART	-141.42	113.14	1.2
RE DISCCART	-144.96	109.6	1.2
RE DISCCART	-148.49	106.07	1.2
RE DISCCART	-155.56	98.99	1.2
RE DISCCART	-162.63	91.92	1.2
RE DISCCART	-169.71	84.85	1.2
RE DISCCART	-176.78	77.78	1.2
RE DISCCART	-183.85	70.71	1.2
RE DISCCART	-190.92	63.64	1.2
RE DISCCART	-197.99	56.57	1.2
RE DISCCART	-49.5	190.92	1.2
RE DISCCART	-56.57	183.85	1.2
RE DISCCART	-63.64	176.78	1.2
RE DISCCART	-70.71	169.71	1.2
RE DISCCART	-77.78	162.63	1.2
RE DISCCART	-84.85	155.56	1.2
RE DISCCART	-91.92	148.49	1.2
RE DISCCART	-98.99	141.42	1.2
RE DISCCART	-102.53	137.89	1.2
RE DISCCART	-106.07	134.35	1.2
RE DISCCART	-108.19	132.23	1.2
RE DISCCART	-109.6	130.81	1.2
RE DISCCART	-111.02	129.4	1.2
RE DISCCART	-112.43	127.99	1.2
RE DISCCART	-113.84	126.57	1.2
RE DISCCART	-126.57	113.84	1.2
RE DISCCART	-127.99	112.43	1.2
RE DISCCART	-129.4	111.02	1.2
RE DISCCART	-130.81	109.6	1.2
RE DISCCART	-132.23	108.19	1.2
RE DISCCART	-134.35	106.07	1.2
RE DISCCART	-137.89	102.53	1.2
RE DISCCART	-141.42	98.99	1.2

RE DISCCART	-148.49	91.92	1.2
RE DISCCART	-155.56	84.85	1.2
RE DISCCART	-162.63	77.78	1.2
RE DISCCART	-169.71	70.71	1.2
RE DISCCART	-176.78	63.64	1.2
RE DISCCART	-183.85	56.57	1.2
RE DISCCART	-190.92	49.5	1.2
RE DISCCART	-42.43	183.85	1.2
RE DISCCART	-49.5	176.78	1.2
RE DISCCART	-56.57	169.71	1.2
RE DISCCART	-63.64	162.63	1.2
RE DISCCART	-70.71	155.56	1.2
RE DISCCART	-77.78	148.49	1.2
RE DISCCART	-84.85	141.42	1.2
RE DISCCART	-91.92	134.35	1.2
RE DISCCART	-95.46	130.81	1.2
RE DISCCART	-98.99	127.28	1.2
RE DISCCART	-101.12	125.16	1.2
RE DISCCART	-102.53	123.74	1.2
RE DISCCART	-103.94	122.33	1.2
RE DISCCART	-105.36	120.92	1.2
RE DISCCART	-106.77	119.5	1.2
RE DISCCART	-119.5	106.77	1.2
RE DISCCART	-120.92	105.36	1.2
RE DISCCART	-122.33	103.94	1.2
RE DISCCART	-123.74	102.53	1.2
RE DISCCART	-125.16	101.12	1.2
RE DISCCART	-127.28	98.99	1.2
RE DISCCART	-130.81	95.46	1.2
RE DISCCART	-134.35	91.92	1.2
RE DISCCART	-141.42	84.85	1.2
RE DISCCART	-148.49	77.78	1.2
RE DISCCART	-155.56	70.71	1.2
RE DISCCART	-162.63	63.64	1.2
RE DISCCART	-169.71	56.57	1.2
RE DISCCART	-176.78	49.5	1.2
RE DISCCART	-183.85	42.43	1.2
RE DISCCART	-35.36	176.78	1.2
RE DISCCART	-42.43	169.71	1.2
RE DISCCART	-49.5	162.63	1.2
RE DISCCART	-56.57	155.56	1.2
RE DISCCART	-63.64	148.49	1.2
RE DISCCART	-70.71	141.42	1.2
RE DISCCART	-77.78	134.35	1.2

RE DISCCART	-84.85	127.28	1.2
RE DISCCART	-88.39	123.74	1.2
RE DISCCART	-91.92	120.21	1.2
RE DISCCART	-94.05	118.09	1.2
RE DISCCART	-95.46	116.67	1.2
RE DISCCART	-96.87	115.26	1.2
RE DISCCART	-98.29	113.84	1.2
RE DISCCART	-99.7	112.43	1.2
RE DISCCART	-112.43	99.7	1.2
RE DISCCART	-113.84	98.29	1.2
RE DISCCART	-115.26	96.87	1.2
RE DISCCART	-116.67	95.46	1.2
RE DISCCART	-118.09	94.05	1.2
RE DISCCART	-120.21	91.92	1.2
RE DISCCART	-123.74	88.39	1.2
RE DISCCART	-127.28	84.85	1.2
RE DISCCART	-134.35	77.78	1.2
RE DISCCART	-141.42	70.71	1.2
RE DISCCART	-148.49	63.64	1.2
RE DISCCART	-155.56	56.57	1.2
RE DISCCART	-162.63	49.5	1.2
RE DISCCART	-169.71	42.43	1.2
RE DISCCART	-176.78	35.36	1.2
RE DISCCART	-28.28	169.71	1.2
RE DISCCART	-35.36	162.63	1.2
RE DISCCART	-42.43	155.56	1.2
RE DISCCART	-49.5	148.49	1.2
RE DISCCART	-56.57	141.42	1.2
RE DISCCART	-63.64	134.35	1.2
RE DISCCART	-70.71	127.28	1.2
RE DISCCART	-77.78	120.21	1.2
RE DISCCART	-81.32	116.67	1.2
RE DISCCART	-84.85	113.14	1.2
RE DISCCART	-86.97	111.02	1.2
RE DISCCART	-88.39	109.6	1.2
RE DISCCART	-89.8	108.19	1.2
RE DISCCART	-91.22	106.77	1.2
RE DISCCART	-92.63	105.36	1.2
RE DISCCART	-105.36	92.63	1.2
RE DISCCART	-106.77	91.22	1.2
RE DISCCART	-108.19	89.8	1.2
RE DISCCART	-109.6	88.39	1.2
RE DISCCART	-111.02	86.97	1.2
RE DISCCART	-113.14	84.85	1.2

RE DISCCART	-116.67	81.32	1.2
RE DISCCART	-120.21	77.78	1.2
RE DISCCART	-127.28	70.71	1.2
RE DISCCART	-134.35	63.64	1.2
RE DISCCART	-141.42	56.57	1.2
RE DISCCART	-148.49	49.5	1.2
RE DISCCART	-155.56	42.43	1.2
RE DISCCART	-162.63	35.36	1.2
RE DISCCART	-169.71	28.28	1.2
RE DISCCART	-21.21	162.63	1.2
RE DISCCART	-28.28	155.56	1.2
RE DISCCART	-35.36	148.49	1.2
RE DISCCART	-42.43	141.42	1.2
RE DISCCART	-49.5	134.35	1.2
RE DISCCART	-56.57	127.28	1.2
RE DISCCART	-63.64	120.21	1.2
RE DISCCART	-70.71	113.14	1.2
RE DISCCART	-74.25	109.6	1.2
RE DISCCART	-77.78	106.07	1.2
RE DISCCART	-79.9	103.94	1.2
RE DISCCART	-81.32	102.53	1.2
RE DISCCART	-82.73	101.12	1.2
RE DISCCART	-84.15	99.7	1.2
RE DISCCART	-85.56	98.29	1.2
RE DISCCART	-98.29	85.56	1.2
RE DISCCART	-99.7	84.15	1.2
RE DISCCART	-101.12	82.73	1.2
RE DISCCART	-102.53	81.32	1.2
RE DISCCART	-103.94	79.9	1.2
RE DISCCART	-106.07	77.78	1.2
RE DISCCART	-109.6	74.25	1.2
RE DISCCART	-113.14	70.71	1.2
RE DISCCART	-120.21	63.64	1.2
RE DISCCART	-127.28	56.57	1.2
RE DISCCART	-134.35	49.5	1.2
RE DISCCART	-141.42	42.43	1.2
RE DISCCART	-148.49	35.36	1.2
RE DISCCART	-155.56	28.28	1.2
RE DISCCART	-162.63	21.21	1.2
RE DISCCART	-14.14	155.56	1.2
RE DISCCART	-21.21	148.49	1.2
RE DISCCART	-28.28	141.42	1.2
RE DISCCART	-35.36	134.35	1.2
RE DISCCART	-42.43	127.28	1.2

RE DISCCART	-49.5	120.21	1.2
RE DISCCART	-56.57	113.14	1.2
RE DISCCART	-63.64	106.07	1.2
RE DISCCART	-67.18	102.53	1.2
RE DISCCART	-70.71	98.99	1.2
RE DISCCART	-72.83	96.87	1.2
RE DISCCART	-74.25	95.46	1.2
RE DISCCART	-75.66	94.05	1.2
RE DISCCART	-77.07	92.63	1.2
RE DISCCART	-78.49	91.22	1.2
RE DISCCART	-91.22	78.49	1.2
RE DISCCART	-92.63	77.07	1.2
RE DISCCART	-94.05	75.66	1.2
RE DISCCART	-95.46	74.25	1.2
RE DISCCART	-96.87	72.83	1.2
RE DISCCART	-98.99	70.71	1.2
RE DISCCART	-102.53	67.18	1.2
RE DISCCART	-106.07	63.64	1.2
RE DISCCART	-113.14	56.57	1.2
RE DISCCART	-120.21	49.5	1.2
RE DISCCART	-127.28	42.43	1.2
RE DISCCART	-134.35	35.36	1.2
RE DISCCART	-141.42	28.28	1.2
RE DISCCART	-148.49	21.21	1.2
RE DISCCART	-155.56	14.14	1.2
RE DISCCART	-7.07	148.49	1.2
RE DISCCART	-14.14	141.42	1.2
RE DISCCART	-21.21	134.35	1.2
RE DISCCART	-28.28	127.28	1.2
RE DISCCART	-35.36	120.21	1.2
RE DISCCART	-42.43	113.14	1.2
RE DISCCART	-49.5	106.07	1.2
RE DISCCART	-56.57	98.99	1.2
RE DISCCART	-60.1	95.46	1.2
RE DISCCART	-63.64	91.92	1.2
RE DISCCART	-65.76	89.8	1.2
RE DISCCART	-67.18	88.39	1.2
RE DISCCART	-68.59	86.97	1.2
RE DISCCART	-70.0	85.56	1.2
RE DISCCART	-71.42	84.15	1.2
RE DISCCART	-84.15	71.42	1.2
RE DISCCART	-85.56	70.0	1.2
RE DISCCART	-86.97	68.59	1.2
RE DISCCART	-88.39	67.18	1.2

RE DISCCART	-89.8	65.76	1.2
RE DISCCART	-91.92	63.64	1.2
RE DISCCART	-95.46	60.1	1.2
RE DISCCART	-98.99	56.57	1.2
RE DISCCART	-106.07	49.5	1.2
RE DISCCART	-113.14	42.43	1.2
RE DISCCART	-120.21	35.36	1.2
RE DISCCART	-127.28	28.28	1.2
RE DISCCART	-134.35	21.21	1.2
RE DISCCART	-141.42	14.14	1.2
RE DISCCART	-148.49	7.07	1.2
RE DISCCART	0.0	141.42	1.2
RE DISCCART	-7.07	134.35	1.2
RE DISCCART	-14.14	127.28	1.2
RE DISCCART	-21.21	120.21	1.2
RE DISCCART	-28.28	113.14	1.2
RE DISCCART	-35.36	106.07	1.2
RE DISCCART	-42.43	98.99	1.2
RE DISCCART	-49.5	91.92	1.2
RE DISCCART	-53.03	88.39	1.2
RE DISCCART	-56.57	84.85	1.2
RE DISCCART	-58.69	82.73	1.2
RE DISCCART	-60.1	81.32	1.2
RE DISCCART	-61.52	79.9	1.2
RE DISCCART	-62.93	78.49	1.2
RE DISCCART	-64.35	77.07	1.2
RE DISCCART	-77.07	64.35	1.2
RE DISCCART	-78.49	62.93	1.2
RE DISCCART	-79.9	61.52	1.2
RE DISCCART	-81.32	60.1	1.2
RE DISCCART	-82.73	58.69	1.2
RE DISCCART	-84.85	56.57	1.2
RE DISCCART	-88.39	53.03	1.2
RE DISCCART	-91.92	49.5	1.2
RE DISCCART	-98.99	42.43	1.2
RE DISCCART	-106.07	35.36	1.2
RE DISCCART	-113.14	28.28	1.2
RE DISCCART	-120.21	21.21	1.2
RE DISCCART	-127.28	14.14	1.2
RE DISCCART	-134.35	7.07	1.2
RE DISCCART	-141.42	0.0	1.2
RE DISCCART	7.07	134.35	1.2
RE DISCCART	0.0	127.28	1.2
RE DISCCART	-7.07	120.21	1.2

RE DISCCART	-14.14	113.14	1.2
RE DISCCART	-21.21	106.07	1.2
RE DISCCART	-28.28	98.99	1.2
RE DISCCART	-35.36	91.92	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-45.96	81.32	1.2
RE DISCCART	-49.5	77.78	1.2
RE DISCCART	-51.62	75.66	1.2
RE DISCCART	-53.03	74.25	1.2
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RE DISCCART	-72.83	54.45	1.2
RE DISCCART	-74.25	53.03	1.2
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RE DISCCART	-81.32	45.96	1.2
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RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-127.28	0.0	1.2
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RE DISCCART	0.0	113.14	1.2
RE DISCCART	-7.07	106.07	1.2
RE DISCCART	-14.14	98.99	1.2
RE DISCCART	-21.21	91.92	1.2
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RE DISCCART	-62.93	50.2	1.2
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RE DISCCART	-67.18	45.96	1.2
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RE DISCCART	-70.71	42.43	1.2
RE DISCCART	-74.25	38.89	1.2
RE DISCCART	-77.78	35.36	1.2
RE DISCCART	-84.85	28.28	1.2
RE DISCCART	-91.92	21.21	1.2
RE DISCCART	-98.99	14.14	1.2
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RE DISCCART	-113.14	0.0	1.2
RE DISCCART	-120.21	-7.07	1.2
RE DISCCART	-127.28	-14.14	1.2
RE DISCCART	21.21	120.21	1.2
RE DISCCART	14.14	113.14	1.2
RE DISCCART	7.07	106.07	1.2
RE DISCCART	0.0	98.99	1.2
RE DISCCART	-7.07	91.92	1.2
RE DISCCART	-14.14	84.85	1.2
RE DISCCART	-21.21	77.78	1.2
RE DISCCART	-28.28	70.71	1.2
RE DISCCART	-31.82	67.18	1.2
RE DISCCART	-35.36	63.64	1.2
RE DISCCART	-37.48	61.52	1.2
RE DISCCART	-38.89	60.1	1.2
RE DISCCART	-40.31	58.69	1.2
RE DISCCART	-41.72	57.28	1.2
RE DISCCART	-43.13	55.86	1.2
RE DISCCART	-55.86	43.13	1.2
RE DISCCART	-57.28	41.72	1.2
RE DISCCART	-58.69	40.31	1.2
RE DISCCART	-60.1	38.89	1.2
RE DISCCART	-61.52	37.48	1.2
RE DISCCART	-63.64	35.36	1.2
RE DISCCART	-67.18	31.82	1.2
RE DISCCART	-70.71	28.28	1.2
RE DISCCART	-77.78	21.21	1.2
RE DISCCART	-84.85	14.14	1.2
RE DISCCART	-91.92	7.07	1.2
RE DISCCART	-98.99	0.0	1.2
RE DISCCART	-106.07	-7.07	1.2
RE DISCCART	-113.14	-14.14	1.2
RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	28.28	113.14	1.2

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RE DISCCART	-48.79	36.06	1.2
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RE DISCCART	-60.1	24.75	1.2
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RE DISCCART	-70.71	14.14	1.2
RE DISCCART	-77.78	7.07	1.2
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RE DISCCART	-106.07	-21.21	1.2
RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	35.36	106.07	1.2
RE DISCCART	28.28	98.99	1.2
RE DISCCART	21.21	91.92	1.2
RE DISCCART	14.14	84.85	1.2
RE DISCCART	7.07	77.78	1.2
RE DISCCART	0.0	70.71	1.2
RE DISCCART	-7.07	63.64	1.2
RE DISCCART	-14.14	56.57	1.2
RE DISCCART	-17.68	53.03	1.2
RE DISCCART	-21.21	49.5	1.2
RE DISCCART	-23.33	47.38	1.2
RE DISCCART	-24.75	45.96	1.2
RE DISCCART	-26.16	44.55	1.2
RE DISCCART	-27.58	43.13	1.2
RE DISCCART	-28.99	41.72	1.2

RE DISCCART	-41.72	28.99	1.2
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RE DISCCART	-44.55	26.16	1.2
RE DISCCART	-45.96	24.75	1.2
RE DISCCART	-47.38	23.33	1.2
RE DISCCART	-49.5	21.21	1.2
RE DISCCART	-53.03	17.68	1.2
RE DISCCART	-56.57	14.14	1.2
RE DISCCART	-63.64	7.07	1.2
RE DISCCART	-70.71	0.0	1.2
RE DISCCART	-77.78	-7.07	1.2
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RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-106.07	-35.36	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	35.36	91.92	1.2
RE DISCCART	28.28	84.85	1.2
RE DISCCART	21.21	77.78	1.2
RE DISCCART	14.14	70.71	1.2
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RE DISCCART	0.0	56.57	1.2
RE DISCCART	-7.07	49.5	1.2
RE DISCCART	-10.61	45.96	1.2
RE DISCCART	-14.14	42.43	1.2
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RE DISCCART	-20.51	36.06	1.2
RE DISCCART	-21.92	34.65	1.2
RE DISCCART	-34.65	21.92	1.2
RE DISCCART	-36.06	20.51	1.2
RE DISCCART	-37.48	19.09	1.2
RE DISCCART	-38.89	17.68	1.2
RE DISCCART	-40.31	16.26	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-45.96	10.61	1.2
RE DISCCART	-49.5	7.07	1.2
RE DISCCART	-56.57	0.0	1.2
RE DISCCART	-63.64	-7.07	1.2
RE DISCCART	-70.71	-14.14	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-91.92	-35.36	1.2

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RE DISCCART 49.5 91.92 1.2
RE DISCCART 42.43 84.85 1.2
RE DISCCART 35.36 77.78 1.2
RE DISCCART 28.28 70.71 1.2
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RE DISCCART 14.14 56.57 1.2
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RE DISCCART -9.19 33.23 1.2
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RE DISCCART -27.58 14.85 1.2
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RE DISCCART 28.28 56.57 1.2
RE DISCCART 21.21 49.5 1.2
RE DISCCART 14.14 42.43 1.2
RE DISCCART 7.07 35.36 1.2
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RE DISCCART -2.12 26.16 1.2
RE DISCCART -3.54 24.75 1.2
RE DISCCART -4.95 23.33 1.2

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RE DISCCART	-20.51	7.78	1.2
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RE DISCCART	-28.28	0.0	1.2
RE DISCCART	-31.82	-3.54	1.2
RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-42.43	-14.14	1.2
RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-56.57	-28.28	1.2
RE DISCCART	-63.64	-35.36	1.2
RE DISCCART	-70.71	-42.43	1.2
RE DISCCART	-77.78	-49.5	1.2
RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	63.64	77.78	1.2
RE DISCCART	56.57	70.71	1.2
RE DISCCART	49.5	63.64	1.2
RE DISCCART	42.43	56.57	1.2
RE DISCCART	35.36	49.5	1.2
RE DISCCART	28.28	42.43	1.2
RE DISCCART	21.21	35.36	1.2
RE DISCCART	14.14	28.28	1.2
RE DISCCART	10.61	24.75	1.2
RE DISCCART	7.07	21.21	1.2
RE DISCCART	4.95	19.09	1.2
RE DISCCART	3.54	17.68	1.2
RE DISCCART	2.12	16.26	1.2
RE DISCCART	0.71	14.85	1.2
RE DISCCART	-0.71	13.44	1.2
RE DISCCART	-13.44	0.71	1.2
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RE DISCCART	-16.26	-2.12	1.2
RE DISCCART	-17.68	-3.54	1.2
RE DISCCART	-19.09	-4.95	1.2
RE DISCCART	-21.21	-7.07	1.2
RE DISCCART	-24.75	-10.61	1.2
RE DISCCART	-28.28	-14.14	1.2
RE DISCCART	-35.36	-21.21	1.2
RE DISCCART	-42.43	-28.28	1.2
RE DISCCART	-49.5	-35.36	1.2
RE DISCCART	-56.57	-42.43	1.2

RE DISCCART	-63.64	-49.5	1.2
RE DISCCART	-70.71	-56.57	1.2
RE DISCCART	-77.78	-63.64	1.2
RE DISCCART	70.71	70.71	1.2
RE DISCCART	63.64	63.64	1.2
RE DISCCART	56.57	56.57	1.2
RE DISCCART	49.5	49.5	1.2
RE DISCCART	42.43	42.43	1.2
RE DISCCART	35.36	35.36	1.2
RE DISCCART	28.28	28.28	1.2
RE DISCCART	21.21	21.21	1.2
RE DISCCART	17.68	17.68	1.2
RE DISCCART	14.14	14.14	1.2
RE DISCCART	12.02	12.02	1.2
RE DISCCART	10.61	10.61	1.2
RE DISCCART	9.19	9.19	1.2
RE DISCCART	7.78	7.78	1.2
RE DISCCART	6.36	6.36	1.2
RE DISCCART	-6.36	-6.36	1.2
RE DISCCART	-7.78	-7.78	1.2
RE DISCCART	-9.19	-9.19	1.2
RE DISCCART	-10.61	-10.61	1.2
RE DISCCART	-12.02	-12.02	1.2
RE DISCCART	-14.14	-14.14	1.2
RE DISCCART	-17.68	-17.68	1.2
RE DISCCART	-21.21	-21.21	1.2
RE DISCCART	-28.28	-28.28	1.2
RE DISCCART	-35.36	-35.36	1.2
RE DISCCART	-42.43	-42.43	1.2
RE DISCCART	-49.5	-49.5	1.2
RE DISCCART	-56.57	-56.57	1.2
RE DISCCART	-63.64	-63.64	1.2
RE DISCCART	-70.71	-70.71	1.2
RE DISCCART	77.78	63.64	1.2
RE DISCCART	70.71	56.57	1.2
RE DISCCART	63.64	49.5	1.2
RE DISCCART	56.57	42.43	1.2
RE DISCCART	49.5	35.36	1.2
RE DISCCART	42.43	28.28	1.2
RE DISCCART	35.36	21.21	1.2
RE DISCCART	28.28	14.14	1.2
RE DISCCART	24.75	10.61	1.2
RE DISCCART	21.21	7.07	1.2
RE DISCCART	19.09	4.95	1.2

RE DISCCART	17.68	3.54	1.2
RE DISCCART	16.26	2.12	1.2
RE DISCCART	14.85	0.71	1.2
RE DISCCART	13.44	-0.71	1.2
RE DISCCART	0.71	-13.44	1.2
RE DISCCART	-0.71	-14.85	1.2
RE DISCCART	-2.12	-16.26	1.2
RE DISCCART	-3.54	-17.68	1.2
RE DISCCART	-4.95	-19.09	1.2
RE DISCCART	-7.07	-21.21	1.2
RE DISCCART	-10.61	-24.75	1.2
RE DISCCART	-14.14	-28.28	1.2
RE DISCCART	-21.21	-35.36	1.2
RE DISCCART	-28.28	-42.43	1.2
RE DISCCART	-35.36	-49.5	1.2
RE DISCCART	-42.43	-56.57	1.2
RE DISCCART	-49.5	-63.64	1.2
RE DISCCART	-56.57	-70.71	1.2
RE DISCCART	-63.64	-77.78	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	77.78	49.5	1.2
RE DISCCART	70.71	42.43	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	56.57	28.28	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	42.43	14.14	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	31.82	3.54	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	26.16	-2.12	1.2
RE DISCCART	24.75	-3.54	1.2
RE DISCCART	23.33	-4.95	1.2
RE DISCCART	21.92	-6.36	1.2
RE DISCCART	20.51	-7.78	1.2
RE DISCCART	7.78	-20.51	1.2
RE DISCCART	6.36	-21.92	1.2
RE DISCCART	4.95	-23.33	1.2
RE DISCCART	3.54	-24.75	1.2
RE DISCCART	2.12	-26.16	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	-3.54	-31.82	1.2
RE DISCCART	-7.07	-35.36	1.2
RE DISCCART	-14.14	-42.43	1.2
RE DISCCART	-21.21	-49.5	1.2

RE DISCCART	-28.28	-56.57	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-42.43	-70.71	1.2
RE DISCCART	-49.5	-77.78	1.2
RE DISCCART	-56.57	-84.85	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	84.85	42.43	1.2
RE DISCCART	77.78	35.36	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	63.64	21.21	1.2
RE DISCCART	56.57	14.14	1.2
RE DISCCART	49.5	7.07	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	38.89	-3.54	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	33.23	-9.19	1.2
RE DISCCART	31.82	-10.61	1.2
RE DISCCART	30.41	-12.02	1.2
RE DISCCART	28.99	-13.44	1.2
RE DISCCART	27.58	-14.85	1.2
RE DISCCART	14.85	-27.58	1.2
RE DISCCART	13.44	-28.99	1.2
RE DISCCART	12.02	-30.41	1.2
RE DISCCART	10.61	-31.82	1.2
RE DISCCART	9.19	-33.23	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	3.54	-38.89	1.2
RE DISCCART	0.0	-42.43	1.2
RE DISCCART	-7.07	-49.5	1.2
RE DISCCART	-14.14	-56.57	1.2
RE DISCCART	-21.21	-63.64	1.2
RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-42.43	-84.85	1.2
RE DISCCART	-49.5	-91.92	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	91.92	35.36	1.2
RE DISCCART	84.85	28.28	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	70.71	14.14	1.2
RE DISCCART	63.64	7.07	1.2
RE DISCCART	56.57	0.0	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	45.96	-10.61	1.2

RE DISCCART	42.43	-14.14	1.2
RE DISCCART	40.31	-16.26	1.2
RE DISCCART	38.89	-17.68	1.2
RE DISCCART	37.48	-19.09	1.2
RE DISCCART	36.06	-20.51	1.2
RE DISCCART	34.65	-21.92	1.2
RE DISCCART	21.92	-34.65	1.2
RE DISCCART	20.51	-36.06	1.2
RE DISCCART	19.09	-37.48	1.2
RE DISCCART	17.68	-38.89	1.2
RE DISCCART	16.26	-40.31	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	10.61	-45.96	1.2
RE DISCCART	7.07	-49.5	1.2
RE DISCCART	0.0	-56.57	1.2
RE DISCCART	-7.07	-63.64	1.2
RE DISCCART	-14.14	-70.71	1.2
RE DISCCART	-21.21	-77.78	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-42.43	-98.99	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	98.99	28.28	1.2
RE DISCCART	91.92	21.21	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	77.78	7.07	1.2
RE DISCCART	70.71	0.0	1.2
RE DISCCART	63.64	-7.07	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	53.03	-17.68	1.2
RE DISCCART	49.5	-21.21	1.2
RE DISCCART	47.38	-23.33	1.2
RE DISCCART	45.96	-24.75	1.2
RE DISCCART	44.55	-26.16	1.2
RE DISCCART	43.13	-27.58	1.2
RE DISCCART	41.72	-28.99	1.2
RE DISCCART	28.99	-41.72	1.2
RE DISCCART	27.58	-43.13	1.2
RE DISCCART	26.16	-44.55	1.2
RE DISCCART	24.75	-45.96	1.2
RE DISCCART	23.33	-47.38	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	17.68	-53.03	1.2
RE DISCCART	14.14	-56.57	1.2

RE DISCCART 7.07 -63.64 1.2
RE DISCCART 0.0 -70.71 1.2
RE DISCCART -7.07 -77.78 1.2
RE DISCCART -14.14 -84.85 1.2
RE DISCCART -21.21 -91.92 1.2
RE DISCCART -28.28 -98.99 1.2
RE DISCCART -35.36 -106.07 1.2
RE DISCCART 113.14 28.28 1.2
RE DISCCART 106.07 21.21 1.2
RE DISCCART 98.99 14.14 1.2
RE DISCCART 91.92 7.07 1.2
RE DISCCART 84.85 0.0 1.2
RE DISCCART 77.78 -7.07 1.2
RE DISCCART 70.71 -14.14 1.2
RE DISCCART 63.64 -21.21 1.2
RE DISCCART 60.1 -24.75 1.2
RE DISCCART 56.57 -28.28 1.2
RE DISCCART 54.45 -30.41 1.2
RE DISCCART 53.03 -31.82 1.2
RE DISCCART 51.62 -33.23 1.2
RE DISCCART 50.2 -34.65 1.2
RE DISCCART 48.79 -36.06 1.2
RE DISCCART 36.06 -48.79 1.2
RE DISCCART 34.65 -50.2 1.2
RE DISCCART 33.23 -51.62 1.2
RE DISCCART 31.82 -53.03 1.2
RE DISCCART 30.41 -54.45 1.2
RE DISCCART 28.28 -56.57 1.2
RE DISCCART 24.75 -60.1 1.2
RE DISCCART 21.21 -63.64 1.2
RE DISCCART 14.14 -70.71 1.2
RE DISCCART 7.07 -77.78 1.2
RE DISCCART 0.0 -84.85 1.2
RE DISCCART -7.07 -91.92 1.2
RE DISCCART -14.14 -98.99 1.2
RE DISCCART -21.21 -106.07 1.2
RE DISCCART -28.28 -113.14 1.2
RE DISCCART 120.21 21.21 1.2
RE DISCCART 113.14 14.14 1.2
RE DISCCART 106.07 7.07 1.2
RE DISCCART 98.99 0.0 1.2
RE DISCCART 91.92 -7.07 1.2
RE DISCCART 84.85 -14.14 1.2
RE DISCCART 77.78 -21.21 1.2

RE DISCCART	70.71	-28.28	1.2
RE DISCCART	67.18	-31.82	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	61.52	-37.48	1.2
RE DISCCART	60.1	-38.89	1.2
RE DISCCART	58.69	-40.31	1.2
RE DISCCART	57.28	-41.72	1.2
RE DISCCART	55.86	-43.13	1.2
RE DISCCART	43.13	-55.86	1.2
RE DISCCART	41.72	-57.28	1.2
RE DISCCART	40.31	-58.69	1.2
RE DISCCART	38.89	-60.1	1.2
RE DISCCART	37.48	-61.52	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	31.82	-67.18	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	21.21	-77.78	1.2
RE DISCCART	14.14	-84.85	1.2
RE DISCCART	7.07	-91.92	1.2
RE DISCCART	0.0	-98.99	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	120.21	7.07	1.2
RE DISCCART	113.14	0.0	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	98.99	-14.14	1.2
RE DISCCART	91.92	-21.21	1.2
RE DISCCART	84.85	-28.28	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	74.25	-38.89	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	68.59	-44.55	1.2
RE DISCCART	67.18	-45.96	1.2
RE DISCCART	65.76	-47.38	1.2
RE DISCCART	64.35	-48.79	1.2
RE DISCCART	62.93	-50.2	1.2
RE DISCCART	50.2	-62.93	1.2
RE DISCCART	48.79	-64.35	1.2
RE DISCCART	47.38	-65.76	1.2
RE DISCCART	45.96	-67.18	1.2
RE DISCCART	44.55	-68.59	1.2
RE DISCCART	42.43	-70.71	1.2

RE DISCCART	38.89	-74.25	1.2
RE DISCCART	35.36	-77.78	1.2
RE DISCCART	28.28	-84.85	1.2
RE DISCCART	21.21	-91.92	1.2
RE DISCCART	14.14	-98.99	1.2
RE DISCCART	7.07	-106.07	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	-14.14	-127.28	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	120.21	-7.07	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	106.07	-21.21	1.2
RE DISCCART	98.99	-28.28	1.2
RE DISCCART	91.92	-35.36	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	81.32	-45.96	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	75.66	-51.62	1.2
RE DISCCART	74.25	-53.03	1.2
RE DISCCART	72.83	-54.45	1.2
RE DISCCART	71.42	-55.86	1.2
RE DISCCART	70.0	-57.28	1.2
RE DISCCART	57.28	-70.0	1.2
RE DISCCART	55.86	-71.42	1.2
RE DISCCART	54.45	-72.83	1.2
RE DISCCART	53.03	-74.25	1.2
RE DISCCART	51.62	-75.66	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	45.96	-81.32	1.2
RE DISCCART	42.43	-84.85	1.2
RE DISCCART	35.36	-91.92	1.2
RE DISCCART	28.28	-98.99	1.2
RE DISCCART	21.21	-106.07	1.2
RE DISCCART	14.14	-113.14	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	-7.07	-134.35	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	127.28	-14.14	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	113.14	-28.28	1.2

RE DISCCART	106.07	-35.36	1.2
RE DISCCART	98.99	-42.43	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	88.39	-53.03	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	82.73	-58.69	1.2
RE DISCCART	81.32	-60.1	1.2
RE DISCCART	79.9	-61.52	1.2
RE DISCCART	78.49	-62.93	1.2
RE DISCCART	77.07	-64.35	1.2
RE DISCCART	64.35	-77.07	1.2
RE DISCCART	62.93	-78.49	1.2
RE DISCCART	61.52	-79.9	1.2
RE DISCCART	60.1	-81.32	1.2
RE DISCCART	58.69	-82.73	1.2
RE DISCCART	56.57	-84.85	1.2
RE DISCCART	53.03	-88.39	1.2
RE DISCCART	49.5	-91.92	1.2
RE DISCCART	42.43	-98.99	1.2
RE DISCCART	35.36	-106.07	1.2
RE DISCCART	28.28	-113.14	1.2
RE DISCCART	21.21	-120.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	0.0	-141.42	1.2
RE DISCCART	148.49	-7.07	1.2
RE DISCCART	141.42	-14.14	1.2
RE DISCCART	134.35	-21.21	1.2
RE DISCCART	127.28	-28.28	1.2
RE DISCCART	120.21	-35.36	1.2
RE DISCCART	113.14	-42.43	1.2
RE DISCCART	106.07	-49.5	1.2
RE DISCCART	98.99	-56.57	1.2
RE DISCCART	95.46	-60.1	1.2
RE DISCCART	91.92	-63.64	1.2
RE DISCCART	89.8	-65.76	1.2
RE DISCCART	88.39	-67.18	1.2
RE DISCCART	86.97	-68.59	1.2
RE DISCCART	85.56	-70.0	1.2
RE DISCCART	84.15	-71.42	1.2
RE DISCCART	71.42	-84.15	1.2
RE DISCCART	70.0	-85.56	1.2
RE DISCCART	68.59	-86.97	1.2
RE DISCCART	67.18	-88.39	1.2

RE DISCCART	65.76	-89.8	1.2
RE DISCCART	63.64	-91.92	1.2
RE DISCCART	60.1	-95.46	1.2
RE DISCCART	56.57	-98.99	1.2
RE DISCCART	49.5	-106.07	1.2
RE DISCCART	42.43	-113.14	1.2
RE DISCCART	35.36	-120.21	1.2
RE DISCCART	28.28	-127.28	1.2
RE DISCCART	21.21	-134.35	1.2
RE DISCCART	14.14	-141.42	1.2
RE DISCCART	7.07	-148.49	1.2
RE DISCCART	155.56	-14.14	1.2
RE DISCCART	148.49	-21.21	1.2
RE DISCCART	141.42	-28.28	1.2
RE DISCCART	134.35	-35.36	1.2
RE DISCCART	127.28	-42.43	1.2
RE DISCCART	120.21	-49.5	1.2
RE DISCCART	113.14	-56.57	1.2
RE DISCCART	106.07	-63.64	1.2
RE DISCCART	102.53	-67.18	1.2
RE DISCCART	98.99	-70.71	1.2
RE DISCCART	96.87	-72.83	1.2
RE DISCCART	95.46	-74.25	1.2
RE DISCCART	94.05	-75.66	1.2
RE DISCCART	92.63	-77.07	1.2
RE DISCCART	91.22	-78.49	1.2
RE DISCCART	78.49	-91.22	1.2
RE DISCCART	77.07	-92.63	1.2
RE DISCCART	75.66	-94.05	1.2
RE DISCCART	74.25	-95.46	1.2
RE DISCCART	72.83	-96.87	1.2
RE DISCCART	70.71	-98.99	1.2
RE DISCCART	67.18	-102.53	1.2
RE DISCCART	63.64	-106.07	1.2
RE DISCCART	56.57	-113.14	1.2
RE DISCCART	49.5	-120.21	1.2
RE DISCCART	42.43	-127.28	1.2
RE DISCCART	35.36	-134.35	1.2
RE DISCCART	28.28	-141.42	1.2
RE DISCCART	21.21	-148.49	1.2
RE DISCCART	14.14	-155.56	1.2
RE DISCCART	162.63	-21.21	1.2
RE DISCCART	155.56	-28.28	1.2
RE DISCCART	148.49	-35.36	1.2

RE DISCCART	141.42	-42.43	1.2
RE DISCCART	134.35	-49.5	1.2
RE DISCCART	127.28	-56.57	1.2
RE DISCCART	120.21	-63.64	1.2
RE DISCCART	113.14	-70.71	1.2
RE DISCCART	109.6	-74.25	1.2
RE DISCCART	106.07	-77.78	1.2
RE DISCCART	103.94	-79.9	1.2
RE DISCCART	102.53	-81.32	1.2
RE DISCCART	101.12	-82.73	1.2
RE DISCCART	99.7	-84.15	1.2
RE DISCCART	98.29	-85.56	1.2
RE DISCCART	85.56	-98.29	1.2
RE DISCCART	84.15	-99.7	1.2
RE DISCCART	82.73	-101.12	1.2
RE DISCCART	81.32	-102.53	1.2
RE DISCCART	79.9	-103.94	1.2
RE DISCCART	77.78	-106.07	1.2
RE DISCCART	74.25	-109.6	1.2
RE DISCCART	70.71	-113.14	1.2
RE DISCCART	63.64	-120.21	1.2
RE DISCCART	56.57	-127.28	1.2
RE DISCCART	49.5	-134.35	1.2
RE DISCCART	42.43	-141.42	1.2
RE DISCCART	35.36	-148.49	1.2
RE DISCCART	28.28	-155.56	1.2
RE DISCCART	21.21	-162.63	1.2
RE DISCCART	169.71	-28.28	1.2
RE DISCCART	162.63	-35.36	1.2
RE DISCCART	155.56	-42.43	1.2
RE DISCCART	148.49	-49.5	1.2
RE DISCCART	141.42	-56.57	1.2
RE DISCCART	134.35	-63.64	1.2
RE DISCCART	127.28	-70.71	1.2
RE DISCCART	120.21	-77.78	1.2
RE DISCCART	116.67	-81.32	1.2
RE DISCCART	113.14	-84.85	1.2
RE DISCCART	111.02	-86.97	1.2
RE DISCCART	109.6	-88.39	1.2
RE DISCCART	108.19	-89.8	1.2
RE DISCCART	106.77	-91.22	1.2
RE DISCCART	105.36	-92.63	1.2
RE DISCCART	92.63	-105.36	1.2
RE DISCCART	91.22	-106.77	1.2

RE DISCCART	89.8	-108.19	1.2
RE DISCCART	88.39	-109.6	1.2
RE DISCCART	86.97	-111.02	1.2
RE DISCCART	84.85	-113.14	1.2
RE DISCCART	81.32	-116.67	1.2
RE DISCCART	77.78	-120.21	1.2
RE DISCCART	70.71	-127.28	1.2
RE DISCCART	63.64	-134.35	1.2
RE DISCCART	56.57	-141.42	1.2
RE DISCCART	49.5	-148.49	1.2
RE DISCCART	42.43	-155.56	1.2
RE DISCCART	35.36	-162.63	1.2
RE DISCCART	28.28	-169.71	1.2
RE DISCCART	176.78	-35.36	1.2
RE DISCCART	169.71	-42.43	1.2
RE DISCCART	162.63	-49.5	1.2
RE DISCCART	155.56	-56.57	1.2
RE DISCCART	148.49	-63.64	1.2
RE DISCCART	141.42	-70.71	1.2
RE DISCCART	134.35	-77.78	1.2
RE DISCCART	127.28	-84.85	1.2
RE DISCCART	123.74	-88.39	1.2
RE DISCCART	120.21	-91.92	1.2
RE DISCCART	118.09	-94.05	1.2
RE DISCCART	116.67	-95.46	1.2
RE DISCCART	115.26	-96.87	1.2
RE DISCCART	113.84	-98.29	1.2
RE DISCCART	112.43	-99.7	1.2
RE DISCCART	99.7	-112.43	1.2
RE DISCCART	98.29	-113.84	1.2
RE DISCCART	96.87	-115.26	1.2
RE DISCCART	95.46	-116.67	1.2
RE DISCCART	94.05	-118.09	1.2
RE DISCCART	91.92	-120.21	1.2
RE DISCCART	88.39	-123.74	1.2
RE DISCCART	84.85	-127.28	1.2
RE DISCCART	77.78	-134.35	1.2
RE DISCCART	70.71	-141.42	1.2
RE DISCCART	63.64	-148.49	1.2
RE DISCCART	56.57	-155.56	1.2
RE DISCCART	49.5	-162.63	1.2
RE DISCCART	42.43	-169.71	1.2
RE DISCCART	35.36	-176.78	1.2
RE DISCCART	183.85	-42.43	1.2

RE DISCCART	176.78	-49.5	1.2
RE DISCCART	169.71	-56.57	1.2
RE DISCCART	162.63	-63.64	1.2
RE DISCCART	155.56	-70.71	1.2
RE DISCCART	148.49	-77.78	1.2
RE DISCCART	141.42	-84.85	1.2
RE DISCCART	134.35	-91.92	1.2
RE DISCCART	130.81	-95.46	1.2
RE DISCCART	127.28	-98.99	1.2
RE DISCCART	125.16	-101.12	1.2
RE DISCCART	123.74	-102.53	1.2
RE DISCCART	122.33	-103.94	1.2
RE DISCCART	120.92	-105.36	1.2
RE DISCCART	119.5	-106.77	1.2
RE DISCCART	106.77	-119.5	1.2
RE DISCCART	105.36	-120.92	1.2
RE DISCCART	103.94	-122.33	1.2
RE DISCCART	102.53	-123.74	1.2
RE DISCCART	101.12	-125.16	1.2
RE DISCCART	98.99	-127.28	1.2
RE DISCCART	95.46	-130.81	1.2
RE DISCCART	91.92	-134.35	1.2
RE DISCCART	84.85	-141.42	1.2
RE DISCCART	77.78	-148.49	1.2
RE DISCCART	70.71	-155.56	1.2
RE DISCCART	63.64	-162.63	1.2
RE DISCCART	56.57	-169.71	1.2
RE DISCCART	49.5	-176.78	1.2
RE DISCCART	42.43	-183.85	1.2
RE DISCCART	190.92	-49.5	1.2
RE DISCCART	183.85	-56.57	1.2
RE DISCCART	176.78	-63.64	1.2
RE DISCCART	169.71	-70.71	1.2
RE DISCCART	162.63	-77.78	1.2
RE DISCCART	155.56	-84.85	1.2
RE DISCCART	148.49	-91.92	1.2
RE DISCCART	141.42	-98.99	1.2
RE DISCCART	137.89	-102.53	1.2
RE DISCCART	134.35	-106.07	1.2
RE DISCCART	132.23	-108.19	1.2
RE DISCCART	130.81	-109.6	1.2
RE DISCCART	129.4	-111.02	1.2
RE DISCCART	127.99	-112.43	1.2
RE DISCCART	126.57	-113.84	1.2

RE DISCCART	113.84	-126.57	1.2
RE DISCCART	112.43	-127.99	1.2
RE DISCCART	111.02	-129.4	1.2
RE DISCCART	109.6	-130.81	1.2
RE DISCCART	108.19	-132.23	1.2
RE DISCCART	106.07	-134.35	1.2
RE DISCCART	102.53	-137.89	1.2
RE DISCCART	98.99	-141.42	1.2
RE DISCCART	91.92	-148.49	1.2
RE DISCCART	84.85	-155.56	1.2
RE DISCCART	77.78	-162.63	1.2
RE DISCCART	70.71	-169.71	1.2
RE DISCCART	63.64	-176.78	1.2
RE DISCCART	56.57	-183.85	1.2
RE DISCCART	49.5	-190.92	1.2
RE DISCCART	197.99	-56.57	1.2
RE DISCCART	190.92	-63.64	1.2
RE DISCCART	183.85	-70.71	1.2
RE DISCCART	176.78	-77.78	1.2
RE DISCCART	169.71	-84.85	1.2
RE DISCCART	162.63	-91.92	1.2
RE DISCCART	155.56	-98.99	1.2
RE DISCCART	148.49	-106.07	1.2
RE DISCCART	144.96	-109.6	1.2
RE DISCCART	141.42	-113.14	1.2
RE DISCCART	139.3	-115.26	1.2
RE DISCCART	137.89	-116.67	1.2
RE DISCCART	136.47	-118.09	1.2
RE DISCCART	135.06	-119.5	1.2
RE DISCCART	133.64	-120.92	1.2
RE DISCCART	120.92	-133.64	1.2
RE DISCCART	119.5	-135.06	1.2
RE DISCCART	118.09	-136.47	1.2
RE DISCCART	116.67	-137.89	1.2
RE DISCCART	115.26	-139.3	1.2
RE DISCCART	113.14	-141.42	1.2
RE DISCCART	109.6	-144.96	1.2
RE DISCCART	106.07	-148.49	1.2
RE DISCCART	98.99	-155.56	1.2
RE DISCCART	91.92	-162.63	1.2
RE DISCCART	84.85	-169.71	1.2
RE DISCCART	77.78	-176.78	1.2
RE DISCCART	70.71	-183.85	1.2
RE DISCCART	63.64	-190.92	1.2

RE DISCCART	56.57	-197.99	1.2
RE DISCCART	205.06	-63.64	1.2
RE DISCCART	197.99	-70.71	1.2
RE DISCCART	190.92	-77.78	1.2
RE DISCCART	183.85	-84.85	1.2
RE DISCCART	176.78	-91.92	1.2
RE DISCCART	169.71	-98.99	1.2
RE DISCCART	162.63	-106.07	1.2
RE DISCCART	155.56	-113.14	1.2
RE DISCCART	152.03	-116.67	1.2
RE DISCCART	148.49	-120.21	1.2
RE DISCCART	146.37	-122.33	1.2
RE DISCCART	144.96	-123.74	1.2
RE DISCCART	143.54	-125.16	1.2
RE DISCCART	142.13	-126.57	1.2
RE DISCCART	140.71	-127.99	1.2
RE DISCCART	127.99	-140.71	1.2
RE DISCCART	126.57	-142.13	1.2
RE DISCCART	125.16	-143.54	1.2
RE DISCCART	123.74	-144.96	1.2
RE DISCCART	122.33	-146.37	1.2
RE DISCCART	120.21	-148.49	1.2
RE DISCCART	116.67	-152.03	1.2
RE DISCCART	113.14	-155.56	1.2
RE DISCCART	106.07	-162.63	1.2
RE DISCCART	98.99	-169.71	1.2
RE DISCCART	91.92	-176.78	1.2
RE DISCCART	84.85	-183.85	1.2
RE DISCCART	77.78	-190.92	1.2
RE DISCCART	70.71	-197.99	1.2
RE DISCCART	63.64	-205.06	1.2
RE DISCCART	212.13	-70.71	1.2
RE DISCCART	205.06	-77.78	1.2
RE DISCCART	197.99	-84.85	1.2
RE DISCCART	190.92	-91.92	1.2
RE DISCCART	183.85	-98.99	1.2
RE DISCCART	176.78	-106.07	1.2
RE DISCCART	169.71	-113.14	1.2
RE DISCCART	162.63	-120.21	1.2
RE DISCCART	159.1	-123.74	1.2
RE DISCCART	155.56	-127.28	1.2
RE DISCCART	153.44	-129.4	1.2
RE DISCCART	152.03	-130.81	1.2
RE DISCCART	150.61	-132.23	1.2

RE DISCCART	149.2	-133.64	1.2
RE DISCCART	147.79	-135.06	1.2
RE DISCCART	135.06	-147.79	1.2
RE DISCCART	133.64	-149.2	1.2
RE DISCCART	132.23	-150.61	1.2
RE DISCCART	130.81	-152.03	1.2
RE DISCCART	129.4	-153.44	1.2
RE DISCCART	127.28	-155.56	1.2
RE DISCCART	123.74	-159.1	1.2
RE DISCCART	120.21	-162.63	1.2
RE DISCCART	113.14	-169.71	1.2
RE DISCCART	106.07	-176.78	1.2
RE DISCCART	98.99	-183.85	1.2
RE DISCCART	91.92	-190.92	1.2
RE DISCCART	84.85	-197.99	1.2
RE DISCCART	77.78	-205.06	1.2
RE DISCCART	70.71	-212.13	1.2
RE DISCCART	219.2	-77.78	1.2
RE DISCCART	212.13	-84.85	1.2
RE DISCCART	205.06	-91.92	1.2
RE DISCCART	197.99	-98.99	1.2
RE DISCCART	190.92	-106.07	1.2
RE DISCCART	183.85	-113.14	1.2
RE DISCCART	176.78	-120.21	1.2
RE DISCCART	169.71	-127.28	1.2
RE DISCCART	166.17	-130.81	1.2
RE DISCCART	162.63	-134.35	1.2
RE DISCCART	160.51	-136.47	1.2
RE DISCCART	159.1	-137.89	1.2
RE DISCCART	157.68	-139.3	1.2
RE DISCCART	156.27	-140.71	1.2
RE DISCCART	154.86	-142.13	1.2
RE DISCCART	142.13	-154.86	1.2
RE DISCCART	140.71	-156.27	1.2
RE DISCCART	139.3	-157.68	1.2
RE DISCCART	137.89	-159.1	1.2
RE DISCCART	136.47	-160.51	1.2
RE DISCCART	134.35	-162.63	1.2
RE DISCCART	130.81	-166.17	1.2
RE DISCCART	127.28	-169.71	1.2
RE DISCCART	120.21	-176.78	1.2
RE DISCCART	113.14	-183.85	1.2
RE DISCCART	106.07	-190.92	1.2
RE DISCCART	98.99	-197.99	1.2

RE DISCCART	91.92	-205.06	1.2
RE DISCCART	84.85	-212.13	1.2
RE DISCCART	77.78	-219.2	1.2
RE DISCCART	226.27	-84.85	1.2
RE DISCCART	219.2	-91.92	1.2
RE DISCCART	212.13	-98.99	1.2
RE DISCCART	205.06	-106.07	1.2
RE DISCCART	197.99	-113.14	1.2
RE DISCCART	190.92	-120.21	1.2
RE DISCCART	183.85	-127.28	1.2
RE DISCCART	176.78	-134.35	1.2
RE DISCCART	173.24	-137.89	1.2
RE DISCCART	169.71	-141.42	1.2
RE DISCCART	167.58	-143.54	1.2
RE DISCCART	166.17	-144.96	1.2
RE DISCCART	164.76	-146.37	1.2
RE DISCCART	163.34	-147.79	1.2
RE DISCCART	161.93	-149.2	1.2
RE DISCCART	149.2	-161.93	1.2
RE DISCCART	147.79	-163.34	1.2
RE DISCCART	146.37	-164.76	1.2
RE DISCCART	144.96	-166.17	1.2
RE DISCCART	143.54	-167.58	1.2
RE DISCCART	141.42	-169.71	1.2
RE DISCCART	137.89	-173.24	1.2
RE DISCCART	134.35	-176.78	1.2
RE DISCCART	127.28	-183.85	1.2
RE DISCCART	120.21	-190.92	1.2
RE DISCCART	113.14	-197.99	1.2
RE DISCCART	106.07	-205.06	1.2
RE DISCCART	98.99	-212.13	1.2
RE DISCCART	91.92	-219.2	1.2
RE DISCCART	84.85	-226.27	1.2
RE DISCCART	233.35	-91.92	1.2
RE DISCCART	226.27	-98.99	1.2
RE DISCCART	219.2	-106.07	1.2
RE DISCCART	212.13	-113.14	1.2
RE DISCCART	205.06	-120.21	1.2
RE DISCCART	197.99	-127.28	1.2
RE DISCCART	190.92	-134.35	1.2
RE DISCCART	183.85	-141.42	1.2
RE DISCCART	180.31	-144.96	1.2
RE DISCCART	176.78	-148.49	1.2
RE DISCCART	174.66	-150.61	1.2

RE DISCCART	173.24	-152.03	1.2
RE DISCCART	171.83	-153.44	1.2
RE DISCCART	170.41	-154.86	1.2
RE DISCCART	169.0	-156.27	1.2
RE DISCCART	156.27	-169.0	1.2
RE DISCCART	154.86	-170.41	1.2
RE DISCCART	153.44	-171.83	1.2
RE DISCCART	152.03	-173.24	1.2
RE DISCCART	150.61	-174.66	1.2
RE DISCCART	148.49	-176.78	1.2
RE DISCCART	144.96	-180.31	1.2
RE DISCCART	141.42	-183.85	1.2
RE DISCCART	134.35	-190.92	1.2
RE DISCCART	127.28	-197.99	1.2
RE DISCCART	120.21	-205.06	1.2
RE DISCCART	113.14	-212.13	1.2
RE DISCCART	106.07	-219.2	1.2
RE DISCCART	98.99	-226.27	1.2
RE DISCCART	91.92	-233.35	1.2
RE DISCCART	240.42	-98.99	1.2
RE DISCCART	233.35	-106.07	1.2
RE DISCCART	226.27	-113.14	1.2
RE DISCCART	219.2	-120.21	1.2
RE DISCCART	212.13	-127.28	1.2
RE DISCCART	205.06	-134.35	1.2
RE DISCCART	197.99	-141.42	1.2
RE DISCCART	190.92	-148.49	1.2
RE DISCCART	187.38	-152.03	1.2
RE DISCCART	183.85	-155.56	1.2
RE DISCCART	181.73	-157.68	1.2
RE DISCCART	180.31	-159.1	1.2
RE DISCCART	178.9	-160.51	1.2
RE DISCCART	177.48	-161.93	1.2
RE DISCCART	176.07	-163.34	1.2
RE DISCCART	163.34	-176.07	1.2
RE DISCCART	161.93	-177.48	1.2
RE DISCCART	160.51	-178.9	1.2
RE DISCCART	159.1	-180.31	1.2
RE DISCCART	157.68	-181.73	1.2
RE DISCCART	155.56	-183.85	1.2
RE DISCCART	152.03	-187.38	1.2
RE DISCCART	148.49	-190.92	1.2
RE DISCCART	141.42	-197.99	1.2
RE DISCCART	134.35	-205.06	1.2

RE DISCCART 127.28 -212.13 1.2
RE DISCCART 120.21 -219.2 1.2
RE DISCCART 113.14 -226.27 1.2
RE DISCCART 106.07 -233.35 1.2
RE DISCCART 98.99 -240.42 1.2
RE DISCCART 247.49 -106.07 1.2
RE DISCCART 240.42 -113.14 1.2
RE DISCCART 233.35 -120.21 1.2
RE DISCCART 226.27 -127.28 1.2
RE DISCCART 219.2 -134.35 1.2
RE DISCCART 212.13 -141.42 1.2
RE DISCCART 205.06 -148.49 1.2
RE DISCCART 197.99 -155.56 1.2
RE DISCCART 194.45 -159.1 1.2
RE DISCCART 190.92 -162.63 1.2
RE DISCCART 188.8 -164.76 1.2
RE DISCCART 187.38 -166.17 1.2
RE DISCCART 185.97 -167.58 1.2
RE DISCCART 184.55 -169.0 1.2
RE DISCCART 183.14 -170.41 1.2
RE DISCCART 170.41 -183.14 1.2
RE DISCCART 169.0 -184.55 1.2
RE DISCCART 167.58 -185.97 1.2
RE DISCCART 166.17 -187.38 1.2
RE DISCCART 164.76 -188.8 1.2
RE DISCCART 162.63 -190.92 1.2
RE DISCCART 159.1 -194.45 1.2
RE DISCCART 155.56 -197.99 1.2
RE DISCCART 148.49 -205.06 1.2
RE DISCCART 141.42 -212.13 1.2
RE DISCCART 134.35 -219.2 1.2
RE DISCCART 127.28 -226.27 1.2
RE DISCCART 120.21 -233.35 1.2
RE DISCCART 113.14 -240.42 1.2
RE DISCCART 106.07 -247.49 1.2
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP94300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 1994

ME UAIRDATA 4901 1994

ME STARTEND 1994 01 01 1 1994 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

 *** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
 m for Missing Hours
 b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\16NCRA-1.DAT

**Output Print File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\16NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 2

CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

EMISSION RATE SOURCE SCALAR VARY BY ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	98.6	-92.3	0.0	4.95	9.00	90.00	135.00	2.30
NCRA_S2	0	0.21100E-07	35.0	-28.6	0.0	4.95	9.00	90.00	135.00	2.30
NCRA_S3	0	0.21100E-07	-28.6	35.0	0.0	4.95	9.00	90.00	135.00	2.30
NCRA_S4	0	0.21100E-07	-92.3	98.6	0.0	4.95	9.00	90.00	135.00	2.30
NCRA_S5	0	0.21100E-07	-155.9	162.3	0.0	4.95	9.00	90.00	135.00	2.30

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 3

CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

- NCRA_S1 NCRA_S1 ,
- NCRA_S2 NCRA_S2 ,
- NCRA_S3 NCRA_S3 ,
- NCRA_S4 NCRA_S4 ,
- NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 4

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

- (-106.1, 247.5, 0.0, 1.2); (-113.1, 240.4, 0.0, 1.2);
- (-120.2, 233.4, 0.0, 1.2); (-127.3, 226.3, 0.0, 1.2);
- (-134.4, 219.2, 0.0, 1.2); (-141.4, 212.1, 0.0, 1.2);

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

(-148.5,	205.1,	0.0,	1.2);	(-155.6,	198.0,	0.0,	1.2);
(-159.1,	194.4,	0.0,	1.2);	(-162.6,	190.9,	0.0,	1.2);
(-164.8,	188.8,	0.0,	1.2);	(-166.2,	187.4,	0.0,	1.2);
(-167.6,	186.0,	0.0,	1.2);	(-169.0,	184.6,	0.0,	1.2);
(-170.4,	183.1,	0.0,	1.2);	(-183.1,	170.4,	0.0,	1.2);
(-184.6,	169.0,	0.0,	1.2);	(-186.0,	167.6,	0.0,	1.2);
(-187.4,	166.2,	0.0,	1.2);	(-188.8,	164.8,	0.0,	1.2);
(-190.9,	162.6,	0.0,	1.2);	(-194.4,	159.1,	0.0,	1.2);
(-198.0,	155.6,	0.0,	1.2);	(-205.1,	148.5,	0.0,	1.2);
(-212.1,	141.4,	0.0,	1.2);	(-219.2,	134.4,	0.0,	1.2);
(-226.3,	127.3,	0.0,	1.2);	(-233.4,	120.2,	0.0,	1.2);
(-240.4,	113.1,	0.0,	1.2);	(-247.5,	106.1,	0.0,	1.2);
(-99.0,	240.4,	0.0,	1.2);	(-106.1,	233.4,	0.0,	1.2);
(-113.1,	226.3,	0.0,	1.2);	(-120.2,	219.2,	0.0,	1.2);
(-127.3,	212.1,	0.0,	1.2);	(-134.4,	205.1,	0.0,	1.2);
(-141.4,	198.0,	0.0,	1.2);	(-148.5,	190.9,	0.0,	1.2);
(-152.0,	187.4,	0.0,	1.2);	(-155.6,	183.9,	0.0,	1.2);
(-157.7,	181.7,	0.0,	1.2);	(-159.1,	180.3,	0.0,	1.2);
(-160.5,	178.9,	0.0,	1.2);	(-161.9,	177.5,	0.0,	1.2);
(-163.3,	176.1,	0.0,	1.2);	(-176.1,	163.3,	0.0,	1.2);
(-177.5,	161.9,	0.0,	1.2);	(-178.9,	160.5,	0.0,	1.2);
(-180.3,	159.1,	0.0,	1.2);	(-181.7,	157.7,	0.0,	1.2);
(-183.9,	155.6,	0.0,	1.2);	(-187.4,	152.0,	0.0,	1.2);
(-190.9,	148.5,	0.0,	1.2);	(-198.0,	141.4,	0.0,	1.2);
(-205.1,	134.4,	0.0,	1.2);	(-212.1,	127.3,	0.0,	1.2);
(-219.2,	120.2,	0.0,	1.2);	(-226.3,	113.1,	0.0,	1.2);
(-233.4,	106.1,	0.0,	1.2);	(-240.4,	99.0,	0.0,	1.2);
(-91.9,	233.4,	0.0,	1.2);	(-99.0,	226.3,	0.0,	1.2);
(-106.1,	219.2,	0.0,	1.2);	(-113.1,	212.1,	0.0,	1.2);
(-120.2,	205.1,	0.0,	1.2);	(-127.3,	198.0,	0.0,	1.2);
(-134.4,	190.9,	0.0,	1.2);	(-141.4,	183.9,	0.0,	1.2);
(-145.0,	180.3,	0.0,	1.2);	(-148.5,	176.8,	0.0,	1.2);
(-150.6,	174.7,	0.0,	1.2);	(-152.0,	173.2,	0.0,	1.2);
(-153.4,	171.8,	0.0,	1.2);	(-154.9,	170.4,	0.0,	1.2);
(-156.3,	169.0,	0.0,	1.2);	(-169.0,	156.3,	0.0,	1.2);
(-170.4,	154.9,	0.0,	1.2);	(-171.8,	153.4,	0.0,	1.2);
(-173.2,	152.0,	0.0,	1.2);	(-174.7,	150.6,	0.0,	1.2);
(-176.8,	148.5,	0.0,	1.2);	(-180.3,	145.0,	0.0,	1.2);
(-183.9,	141.4,	0.0,	1.2);	(-190.9,	134.4,	0.0,	1.2);
(-198.0,	127.3,	0.0,	1.2);	(-205.1,	120.2,	0.0,	1.2);
(-212.1,	113.1,	0.0,	1.2);	(-219.2,	106.1,	0.0,	1.2);
(-226.3,	99.0,	0.0,	1.2);	(-233.4,	91.9,	0.0,	1.2);

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-84.8, 226.3, 0.0, 1.2);	(-91.9, 219.2, 0.0, 1.2);
(-99.0, 212.1, 0.0, 1.2);	(-106.1, 205.1, 0.0, 1.2);
(-113.1, 198.0, 0.0, 1.2);	(-120.2, 190.9, 0.0, 1.2);
(-127.3, 183.9, 0.0, 1.2);	(-134.4, 176.8, 0.0, 1.2);
(-137.9, 173.2, 0.0, 1.2);	(-141.4, 169.7, 0.0, 1.2);
(-143.5, 167.6, 0.0, 1.2);	(-145.0, 166.2, 0.0, 1.2);
(-146.4, 164.8, 0.0, 1.2);	(-147.8, 163.3, 0.0, 1.2);
(-149.2, 161.9, 0.0, 1.2);	(-161.9, 149.2, 0.0, 1.2);
(-163.3, 147.8, 0.0, 1.2);	(-164.8, 146.4, 0.0, 1.2);
(-166.2, 145.0, 0.0, 1.2);	(-167.6, 143.5, 0.0, 1.2);
(-169.7, 141.4, 0.0, 1.2);	(-173.2, 137.9, 0.0, 1.2);
(-176.8, 134.4, 0.0, 1.2);	(-183.9, 127.3, 0.0, 1.2);
(-190.9, 120.2, 0.0, 1.2);	(-198.0, 113.1, 0.0, 1.2);
(-205.1, 106.1, 0.0, 1.2);	(-212.1, 99.0, 0.0, 1.2);
(-219.2, 91.9, 0.0, 1.2);	(-226.3, 84.8, 0.0, 1.2);
(-77.8, 219.2, 0.0, 1.2);	(-84.8, 212.1, 0.0, 1.2);
(-91.9, 205.1, 0.0, 1.2);	(-99.0, 198.0, 0.0, 1.2);
(-106.1, 190.9, 0.0, 1.2);	(-113.1, 183.9, 0.0, 1.2);
(-120.2, 176.8, 0.0, 1.2);	(-127.3, 169.7, 0.0, 1.2);
(-130.8, 166.2, 0.0, 1.2);	(-134.4, 162.6, 0.0, 1.2);
(-136.5, 160.5, 0.0, 1.2);	(-137.9, 159.1, 0.0, 1.2);
(-139.3, 157.7, 0.0, 1.2);	(-140.7, 156.3, 0.0, 1.2);
(-142.1, 154.9, 0.0, 1.2);	(-154.9, 142.1, 0.0, 1.2);
(-156.3, 140.7, 0.0, 1.2);	(-157.7, 139.3, 0.0, 1.2);
(-159.1, 137.9, 0.0, 1.2);	(-160.5, 136.5, 0.0, 1.2);
(-162.6, 134.4, 0.0, 1.2);	(-166.2, 130.8, 0.0, 1.2);
(-169.7, 127.3, 0.0, 1.2);	(-176.8, 120.2, 0.0, 1.2);
(-183.9, 113.1, 0.0, 1.2);	(-190.9, 106.1, 0.0, 1.2);
(-198.0, 99.0, 0.0, 1.2);	(-205.1, 91.9, 0.0, 1.2);
(-212.1, 84.8, 0.0, 1.2);	(-219.2, 77.8, 0.0, 1.2);
(-70.7, 212.1, 0.0, 1.2);	(-77.8, 205.1, 0.0, 1.2);
(-84.8, 198.0, 0.0, 1.2);	(-91.9, 190.9, 0.0, 1.2);
(-99.0, 183.9, 0.0, 1.2);	(-106.1, 176.8, 0.0, 1.2);
(-113.1, 169.7, 0.0, 1.2);	(-120.2, 162.6, 0.0, 1.2);
(-123.7, 159.1, 0.0, 1.2);	(-127.3, 155.6, 0.0, 1.2);
(-129.4, 153.4, 0.0, 1.2);	(-130.8, 152.0, 0.0, 1.2);
(-132.2, 150.6, 0.0, 1.2);	(-133.6, 149.2, 0.0, 1.2);
(-135.1, 147.8, 0.0, 1.2);	(-147.8, 135.1, 0.0, 1.2);
(-149.2, 133.6, 0.0, 1.2);	(-150.6, 132.2, 0.0, 1.2);

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

(-152.0,	130.8,	0.0,	1.2);	(-153.4,	129.4,	0.0,	1.2);
(-155.6,	127.3,	0.0,	1.2);	(-159.1,	123.7,	0.0,	1.2);
(-162.6,	120.2,	0.0,	1.2);	(-169.7,	113.1,	0.0,	1.2);
(-176.8,	106.1,	0.0,	1.2);	(-183.9,	99.0,	0.0,	1.2);
(-190.9,	91.9,	0.0,	1.2);	(-198.0,	84.8,	0.0,	1.2);
(-205.1,	77.8,	0.0,	1.2);	(-212.1,	70.7,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-63.6,	205.1,	0.0,	1.2);	(-70.7,	198.0,	0.0,	1.2);
(-77.8,	190.9,	0.0,	1.2);	(-84.8,	183.9,	0.0,	1.2);
(-91.9,	176.8,	0.0,	1.2);	(-99.0,	169.7,	0.0,	1.2);
(-106.1,	162.6,	0.0,	1.2);	(-113.1,	155.6,	0.0,	1.2);
(-116.7,	152.0,	0.0,	1.2);	(-120.2,	148.5,	0.0,	1.2);
(-122.3,	146.4,	0.0,	1.2);	(-123.7,	145.0,	0.0,	1.2);
(-125.2,	143.5,	0.0,	1.2);	(-126.6,	142.1,	0.0,	1.2);
(-128.0,	140.7,	0.0,	1.2);	(-140.7,	128.0,	0.0,	1.2);
(-142.1,	126.6,	0.0,	1.2);	(-143.5,	125.2,	0.0,	1.2);
(-145.0,	123.7,	0.0,	1.2);	(-146.4,	122.3,	0.0,	1.2);
(-148.5,	120.2,	0.0,	1.2);	(-152.0,	116.7,	0.0,	1.2);
(-155.6,	113.1,	0.0,	1.2);	(-162.6,	106.1,	0.0,	1.2);
(-169.7,	99.0,	0.0,	1.2);	(-176.8,	91.9,	0.0,	1.2);
(-183.9,	84.8,	0.0,	1.2);	(-190.9,	77.8,	0.0,	1.2);
(-198.0,	70.7,	0.0,	1.2);	(-205.1,	63.6,	0.0,	1.2);
(-56.6,	198.0,	0.0,	1.2);	(-63.6,	190.9,	0.0,	1.2);
(-70.7,	183.9,	0.0,	1.2);	(-77.8,	176.8,	0.0,	1.2);
(-84.8,	169.7,	0.0,	1.2);	(-91.9,	162.6,	0.0,	1.2);
(-99.0,	155.6,	0.0,	1.2);	(-106.1,	148.5,	0.0,	1.2);
(-109.6,	145.0,	0.0,	1.2);	(-113.1,	141.4,	0.0,	1.2);
(-115.3,	139.3,	0.0,	1.2);	(-116.7,	137.9,	0.0,	1.2);
(-118.1,	136.5,	0.0,	1.2);	(-119.5,	135.1,	0.0,	1.2);
(-120.9,	133.6,	0.0,	1.2);	(-133.6,	120.9,	0.0,	1.2);
(-135.1,	119.5,	0.0,	1.2);	(-136.5,	118.1,	0.0,	1.2);
(-137.9,	116.7,	0.0,	1.2);	(-139.3,	115.3,	0.0,	1.2);
(-141.4,	113.1,	0.0,	1.2);	(-145.0,	109.6,	0.0,	1.2);
(-148.5,	106.1,	0.0,	1.2);	(-155.6,	99.0,	0.0,	1.2);
(-162.6,	91.9,	0.0,	1.2);	(-169.7,	84.8,	0.0,	1.2);
(-176.8,	77.8,	0.0,	1.2);	(-183.9,	70.7,	0.0,	1.2);
(-190.9,	63.6,	0.0,	1.2);	(-198.0,	56.6,	0.0,	1.2);
(-49.5,	190.9,	0.0,	1.2);	(-56.6,	183.9,	0.0,	1.2);

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

(-63.6,	176.8,	0.0,	1.2);	(-70.7,	169.7,	0.0,	1.2);
(-77.8,	162.6,	0.0,	1.2);	(-84.8,	155.6,	0.0,	1.2);
(-91.9,	148.5,	0.0,	1.2);	(-99.0,	141.4,	0.0,	1.2);
(-102.5,	137.9,	0.0,	1.2);	(-106.1,	134.4,	0.0,	1.2);
(-108.2,	132.2,	0.0,	1.2);	(-109.6,	130.8,	0.0,	1.2);
(-111.0,	129.4,	0.0,	1.2);	(-112.4,	128.0,	0.0,	1.2);
(-113.8,	126.6,	0.0,	1.2);	(-126.6,	113.8,	0.0,	1.2);
(-128.0,	112.4,	0.0,	1.2);	(-129.4,	111.0,	0.0,	1.2);
(-130.8,	109.6,	0.0,	1.2);	(-132.2,	108.2,	0.0,	1.2);
(-134.4,	106.1,	0.0,	1.2);	(-137.9,	102.5,	0.0,	1.2);
(-141.4,	99.0,	0.0,	1.2);	(-148.5,	91.9,	0.0,	1.2);
(-155.6,	84.8,	0.0,	1.2);	(-162.6,	77.8,	0.0,	1.2);
(-169.7,	70.7,	0.0,	1.2);	(-176.8,	63.6,	0.0,	1.2);
(-183.9,	56.6,	0.0,	1.2);	(-190.9,	49.5,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-42.4,	183.9,	0.0,	1.2);	(-49.5,	176.8,	0.0,	1.2);
(-56.6,	169.7,	0.0,	1.2);	(-63.6,	162.6,	0.0,	1.2);
(-70.7,	155.6,	0.0,	1.2);	(-77.8,	148.5,	0.0,	1.2);
(-84.8,	141.4,	0.0,	1.2);	(-91.9,	134.4,	0.0,	1.2);
(-95.5,	130.8,	0.0,	1.2);	(-99.0,	127.3,	0.0,	1.2);
(-101.1,	125.2,	0.0,	1.2);	(-102.5,	123.7,	0.0,	1.2);
(-103.9,	122.3,	0.0,	1.2);	(-105.4,	120.9,	0.0,	1.2);
(-106.8,	119.5,	0.0,	1.2);	(-119.5,	106.8,	0.0,	1.2);
(-120.9,	105.4,	0.0,	1.2);	(-122.3,	103.9,	0.0,	1.2);
(-123.7,	102.5,	0.0,	1.2);	(-125.2,	101.1,	0.0,	1.2);
(-127.3,	99.0,	0.0,	1.2);	(-130.8,	95.5,	0.0,	1.2);
(-134.4,	91.9,	0.0,	1.2);	(-141.4,	84.8,	0.0,	1.2);
(-148.5,	77.8,	0.0,	1.2);	(-155.6,	70.7,	0.0,	1.2);
(-162.6,	63.6,	0.0,	1.2);	(-169.7,	56.6,	0.0,	1.2);
(-176.8,	49.5,	0.0,	1.2);	(-183.9,	42.4,	0.0,	1.2);
(-35.4,	176.8,	0.0,	1.2);	(-42.4,	169.7,	0.0,	1.2);
(-49.5,	162.6,	0.0,	1.2);	(-56.6,	155.6,	0.0,	1.2);
(-63.6,	148.5,	0.0,	1.2);	(-70.7,	141.4,	0.0,	1.2);
(-77.8,	134.4,	0.0,	1.2);	(-84.8,	127.3,	0.0,	1.2);
(-88.4,	123.7,	0.0,	1.2);	(-91.9,	120.2,	0.0,	1.2);
(-94.1,	118.1,	0.0,	1.2);	(-95.5,	116.7,	0.0,	1.2);
(-96.9,	115.3,	0.0,	1.2);	(-98.3,	113.8,	0.0,	1.2);
(-99.7,	112.4,	0.0,	1.2);	(-112.4,	99.7,	0.0,	1.2);

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

(-113.8,	98.3,	0.0,	1.2);	(-115.3,	96.9,	0.0,	1.2);
(-116.7,	95.5,	0.0,	1.2);	(-118.1,	94.1,	0.0,	1.2);
(-120.2,	91.9,	0.0,	1.2);	(-123.7,	88.4,	0.0,	1.2);
(-127.3,	84.8,	0.0,	1.2);	(-134.4,	77.8,	0.0,	1.2);
(-141.4,	70.7,	0.0,	1.2);	(-148.5,	63.6,	0.0,	1.2);
(-155.6,	56.6,	0.0,	1.2);	(-162.6,	49.5,	0.0,	1.2);
(-169.7,	42.4,	0.0,	1.2);	(-176.8,	35.4,	0.0,	1.2);
(-28.3,	169.7,	0.0,	1.2);	(-35.4,	162.6,	0.0,	1.2);
(-42.4,	155.6,	0.0,	1.2);	(-49.5,	148.5,	0.0,	1.2);
(-56.6,	141.4,	0.0,	1.2);	(-63.6,	134.4,	0.0,	1.2);
(-70.7,	127.3,	0.0,	1.2);	(-77.8,	120.2,	0.0,	1.2);
(-81.3,	116.7,	0.0,	1.2);	(-84.8,	113.1,	0.0,	1.2);
(-87.0,	111.0,	0.0,	1.2);	(-88.4,	109.6,	0.0,	1.2);
(-89.8,	108.2,	0.0,	1.2);	(-91.2,	106.8,	0.0,	1.2);
(-92.6,	105.4,	0.0,	1.2);	(-105.4,	92.6,	0.0,	1.2);
(-106.8,	91.2,	0.0,	1.2);	(-108.2,	89.8,	0.0,	1.2);
(-109.6,	88.4,	0.0,	1.2);	(-111.0,	87.0,	0.0,	1.2);
(-113.1,	84.8,	0.0,	1.2);	(-116.7,	81.3,	0.0,	1.2);
(-120.2,	77.8,	0.0,	1.2);	(-127.3,	70.7,	0.0,	1.2);
(-134.4,	63.6,	0.0,	1.2);	(-141.4,	56.6,	0.0,	1.2);
(-148.5,	49.5,	0.0,	1.2);	(-155.6,	42.4,	0.0,	1.2);
(-162.6,	35.4,	0.0,	1.2);	(-169.7,	28.3,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:33:00

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-21.2,	162.6,	0.0,	1.2);	(-28.3,	155.6,	0.0,	1.2);
(-35.4,	148.5,	0.0,	1.2);	(-42.4,	141.4,	0.0,	1.2);
(-49.5,	134.4,	0.0,	1.2);	(-56.6,	127.3,	0.0,	1.2);
(-63.6,	120.2,	0.0,	1.2);	(-70.7,	113.1,	0.0,	1.2);
(-74.2,	109.6,	0.0,	1.2);	(-77.8,	106.1,	0.0,	1.2);
(-79.9,	103.9,	0.0,	1.2);	(-81.3,	102.5,	0.0,	1.2);
(-82.7,	101.1,	0.0,	1.2);	(-84.2,	99.7,	0.0,	1.2);
(-85.6,	98.3,	0.0,	1.2);	(-98.3,	85.6,	0.0,	1.2);
(-99.7,	84.2,	0.0,	1.2);	(-101.1,	82.7,	0.0,	1.2);
(-102.5,	81.3,	0.0,	1.2);	(-103.9,	79.9,	0.0,	1.2);
(-106.1,	77.8,	0.0,	1.2);	(-109.6,	74.2,	0.0,	1.2);
(-113.1,	70.7,	0.0,	1.2);	(-120.2,	63.6,	0.0,	1.2);
(-127.3,	56.6,	0.0,	1.2);	(-134.4,	49.5,	0.0,	1.2);
(-141.4,	42.4,	0.0,	1.2);	(-148.5,	35.4,	0.0,	1.2);
(-155.6,	28.3,	0.0,	1.2);	(-162.6,	21.2,	0.0,	1.2);

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

(-14.1,	155.6,	0.0,	1.2);	(-21.2,	148.5,	0.0,	1.2);
(-28.3,	141.4,	0.0,	1.2);	(-35.4,	134.4,	0.0,	1.2);
(-42.4,	127.3,	0.0,	1.2);	(-49.5,	120.2,	0.0,	1.2);
(-56.6,	113.1,	0.0,	1.2);	(-63.6,	106.1,	0.0,	1.2);
(-67.2,	102.5,	0.0,	1.2);	(-70.7,	99.0,	0.0,	1.2);
(-72.8,	96.9,	0.0,	1.2);	(-74.2,	95.5,	0.0,	1.2);
(-75.7,	94.1,	0.0,	1.2);	(-77.1,	92.6,	0.0,	1.2);
(-78.5,	91.2,	0.0,	1.2);	(-91.2,	78.5,	0.0,	1.2);
(-92.6,	77.1,	0.0,	1.2);	(-94.1,	75.7,	0.0,	1.2);
(-95.5,	74.2,	0.0,	1.2);	(-96.9,	72.8,	0.0,	1.2);
(-99.0,	70.7,	0.0,	1.2);	(-102.5,	67.2,	0.0,	1.2);
(-106.1,	63.6,	0.0,	1.2);	(-113.1,	56.6,	0.0,	1.2);
(-120.2,	49.5,	0.0,	1.2);	(-127.3,	42.4,	0.0,	1.2);
(-134.4,	35.4,	0.0,	1.2);	(-141.4,	28.3,	0.0,	1.2);
(-148.5,	21.2,	0.0,	1.2);	(-155.6,	14.1,	0.0,	1.2);
(-7.1,	148.5,	0.0,	1.2);	(-14.1,	141.4,	0.0,	1.2);
(-21.2,	134.4,	0.0,	1.2);	(-28.3,	127.3,	0.0,	1.2);
(-35.4,	120.2,	0.0,	1.2);	(-42.4,	113.1,	0.0,	1.2);
(-49.5,	106.1,	0.0,	1.2);	(-56.6,	99.0,	0.0,	1.2);
(-60.1,	95.5,	0.0,	1.2);	(-63.6,	91.9,	0.0,	1.2);
(-65.8,	89.8,	0.0,	1.2);	(-67.2,	88.4,	0.0,	1.2);
(-68.6,	87.0,	0.0,	1.2);	(-70.0,	85.6,	0.0,	1.2);
(-71.4,	84.2,	0.0,	1.2);	(-84.2,	71.4,	0.0,	1.2);
(-85.6,	70.0,	0.0,	1.2);	(-87.0,	68.6,	0.0,	1.2);
(-88.4,	67.2,	0.0,	1.2);	(-89.8,	65.8,	0.0,	1.2);
(-91.9,	63.6,	0.0,	1.2);	(-95.5,	60.1,	0.0,	1.2);
(-99.0,	56.6,	0.0,	1.2);	(-106.1,	49.5,	0.0,	1.2);
(-113.1,	42.4,	0.0,	1.2);	(-120.2,	35.4,	0.0,	1.2);
(-127.3,	28.3,	0.0,	1.2);	(-134.4,	21.2,	0.0,	1.2);
(-141.4,	14.1,	0.0,	1.2);	(-148.5,	7.1,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(0.0,	141.4,	0.0,	1.2);	(-7.1,	134.4,	0.0,	1.2);
(-14.1,	127.3,	0.0,	1.2);	(-21.2,	120.2,	0.0,	1.2);
(-28.3,	113.1,	0.0,	1.2);	(-35.4,	106.1,	0.0,	1.2);
(-42.4,	99.0,	0.0,	1.2);	(-49.5,	91.9,	0.0,	1.2);
(-53.0,	88.4,	0.0,	1.2);	(-56.6,	84.8,	0.0,	1.2);
(-58.7,	82.7,	0.0,	1.2);	(-60.1,	81.3,	0.0,	1.2);
(-61.5,	79.9,	0.0,	1.2);	(-62.9,	78.5,	0.0,	1.2);

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

(-64.3,	77.1,	0.0,	1.2);	(-77.1,	64.3,	0.0,	1.2);
(-78.5,	62.9,	0.0,	1.2);	(-79.9,	61.5,	0.0,	1.2);
(-81.3,	60.1,	0.0,	1.2);	(-82.7,	58.7,	0.0,	1.2);
(-84.8,	56.6,	0.0,	1.2);	(-88.4,	53.0,	0.0,	1.2);
(-91.9,	49.5,	0.0,	1.2);	(-99.0,	42.4,	0.0,	1.2);
(-106.1,	35.4,	0.0,	1.2);	(-113.1,	28.3,	0.0,	1.2);
(-120.2,	21.2,	0.0,	1.2);	(-127.3,	14.1,	0.0,	1.2);
(-134.4,	7.1,	0.0,	1.2);	(-141.4,	0.0,	0.0,	1.2);
(7.1,	134.4,	0.0,	1.2);	(0.0,	127.3,	0.0,	1.2);
(-7.1,	120.2,	0.0,	1.2);	(-14.1,	113.1,	0.0,	1.2);
(-21.2,	106.1,	0.0,	1.2);	(-28.3,	99.0,	0.0,	1.2);
(-35.4,	91.9,	0.0,	1.2);	(-42.4,	84.8,	0.0,	1.2);
(-46.0,	81.3,	0.0,	1.2);	(-49.5,	77.8,	0.0,	1.2);
(-51.6,	75.7,	0.0,	1.2);	(-53.0,	74.2,	0.0,	1.2);
(-54.5,	72.8,	0.0,	1.2);	(-55.9,	71.4,	0.0,	1.2);
(-57.3,	70.0,	0.0,	1.2);	(-70.0,	57.3,	0.0,	1.2);
(-71.4,	55.9,	0.0,	1.2);	(-72.8,	54.5,	0.0,	1.2);
(-74.2,	53.0,	0.0,	1.2);	(-75.7,	51.6,	0.0,	1.2);
(-77.8,	49.5,	0.0,	1.2);	(-81.3,	46.0,	0.0,	1.2);
(-84.8,	42.4,	0.0,	1.2);	(-91.9,	35.4,	0.0,	1.2);
(-99.0,	28.3,	0.0,	1.2);	(-106.1,	21.2,	0.0,	1.2);
(-113.1,	14.1,	0.0,	1.2);	(-120.2,	7.1,	0.0,	1.2);
(-127.3,	0.0,	0.0,	1.2);	(-134.4,	-7.1,	0.0,	1.2);
(14.1,	127.3,	0.0,	1.2);	(7.1,	120.2,	0.0,	1.2);
(0.0,	113.1,	0.0,	1.2);	(-7.1,	106.1,	0.0,	1.2);
(-14.1,	99.0,	0.0,	1.2);	(-21.2,	91.9,	0.0,	1.2);
(-28.3,	84.8,	0.0,	1.2);	(-35.4,	77.8,	0.0,	1.2);
(-38.9,	74.2,	0.0,	1.2);	(-42.4,	70.7,	0.0,	1.2);
(-44.5,	68.6,	0.0,	1.2);	(-46.0,	67.2,	0.0,	1.2);
(-47.4,	65.8,	0.0,	1.2);	(-48.8,	64.3,	0.0,	1.2);
(-50.2,	62.9,	0.0,	1.2);	(-62.9,	50.2,	0.0,	1.2);
(-64.3,	48.8,	0.0,	1.2);	(-65.8,	47.4,	0.0,	1.2);
(-67.2,	46.0,	0.0,	1.2);	(-68.6,	44.5,	0.0,	1.2);
(-70.7,	42.4,	0.0,	1.2);	(-74.2,	38.9,	0.0,	1.2);
(-77.8,	35.4,	0.0,	1.2);	(-84.8,	28.3,	0.0,	1.2);
(-91.9,	21.2,	0.0,	1.2);	(-99.0,	14.1,	0.0,	1.2);
(-106.1,	7.1,	0.0,	1.2);	(-113.1,	0.0,	0.0,	1.2);
(-120.2,	-7.1,	0.0,	1.2);	(-127.3,	-14.1,	0.0,	1.2);

1 *** ISCS T3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound
(METERS)

(21.2, 120.2, 0.0, 1.2);	(14.1, 113.1, 0.0, 1.2);
(7.1, 106.1, 0.0, 1.2);	(0.0, 99.0, 0.0, 1.2);
(-7.1, 91.9, 0.0, 1.2);	(-14.1, 84.8, 0.0, 1.2);
(-21.2, 77.8, 0.0, 1.2);	(-28.3, 70.7, 0.0, 1.2);
(-31.8, 67.2, 0.0, 1.2);	(-35.4, 63.6, 0.0, 1.2);
(-37.5, 61.5, 0.0, 1.2);	(-38.9, 60.1, 0.0, 1.2);
(-40.3, 58.7, 0.0, 1.2);	(-41.7, 57.3, 0.0, 1.2);
(-43.1, 55.9, 0.0, 1.2);	(-55.9, 43.1, 0.0, 1.2);
(-57.3, 41.7, 0.0, 1.2);	(-58.7, 40.3, 0.0, 1.2);
(-60.1, 38.9, 0.0, 1.2);	(-61.5, 37.5, 0.0, 1.2);
(-63.6, 35.4, 0.0, 1.2);	(-67.2, 31.8, 0.0, 1.2);
(-70.7, 28.3, 0.0, 1.2);	(-77.8, 21.2, 0.0, 1.2);
(-84.8, 14.1, 0.0, 1.2);	(-91.9, 7.1, 0.0, 1.2);
(-99.0, 0.0, 0.0, 1.2);	(-106.1, -7.1, 0.0, 1.2);
(-113.1, -14.1, 0.0, 1.2);	(-120.2, -21.2, 0.0, 1.2);
(28.3, 113.1, 0.0, 1.2);	(21.2, 106.1, 0.0, 1.2);
(14.1, 99.0, 0.0, 1.2);	(7.1, 91.9, 0.0, 1.2);
(0.0, 84.8, 0.0, 1.2);	(-7.1, 77.8, 0.0, 1.2);
(-14.1, 70.7, 0.0, 1.2);	(-21.2, 63.6, 0.0, 1.2);
(-24.8, 60.1, 0.0, 1.2);	(-28.3, 56.6, 0.0, 1.2);
(-30.4, 54.5, 0.0, 1.2);	(-31.8, 53.0, 0.0, 1.2);
(-33.2, 51.6, 0.0, 1.2);	(-34.7, 50.2, 0.0, 1.2);
(-36.1, 48.8, 0.0, 1.2);	(-48.8, 36.1, 0.0, 1.2);
(-50.2, 34.7, 0.0, 1.2);	(-51.6, 33.2, 0.0, 1.2);
(-53.0, 31.8, 0.0, 1.2);	(-54.5, 30.4, 0.0, 1.2);
(-56.6, 28.3, 0.0, 1.2);	(-60.1, 24.8, 0.0, 1.2);
(-63.6, 21.2, 0.0, 1.2);	(-70.7, 14.1, 0.0, 1.2);
(-77.8, 7.1, 0.0, 1.2);	(-84.8, 0.0, 0.0, 1.2);
(-91.9, -7.1, 0.0, 1.2);	(-99.0, -14.1, 0.0, 1.2);
(-106.1, -21.2, 0.0, 1.2);	(-113.1, -28.3, 0.0, 1.2);
(35.4, 106.1, 0.0, 1.2);	(28.3, 99.0, 0.0, 1.2);
(21.2, 91.9, 0.0, 1.2);	(14.1, 84.8, 0.0, 1.2);
(7.1, 77.8, 0.0, 1.2);	(0.0, 70.7, 0.0, 1.2);
(-7.1, 63.6, 0.0, 1.2);	(-14.1, 56.6, 0.0, 1.2);
(-17.7, 53.0, 0.0, 1.2);	(-21.2, 49.5, 0.0, 1.2);
(-23.3, 47.4, 0.0, 1.2);	(-24.8, 46.0, 0.0, 1.2);
(-26.2, 44.5, 0.0, 1.2);	(-27.6, 43.1, 0.0, 1.2);
(-29.0, 41.7, 0.0, 1.2);	(-41.7, 29.0, 0.0, 1.2);
(-43.1, 27.6, 0.0, 1.2);	(-44.5, 26.2, 0.0, 1.2);
(-46.0, 24.8, 0.0, 1.2);	(-47.4, 23.3, 0.0, 1.2);
(-49.5, 21.2, 0.0, 1.2);	(-53.0, 17.7, 0.0, 1.2);
(-56.6, 14.1, 0.0, 1.2);	(-63.6, 7.1, 0.0, 1.2);
(-70.7, 0.0, 0.0, 1.2);	(-77.8, -7.1, 0.0, 1.2);

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

(-84.8, -14.1, 0.0, 1.2); (-91.9, -21.2, 0.0, 1.2);
(-99.0, -28.3, 0.0, 1.2); (-106.1, -35.4, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts ***
*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(42.4, 99.0, 0.0, 1.2); (35.4, 91.9, 0.0, 1.2);
(28.3, 84.8, 0.0, 1.2); (21.2, 77.8, 0.0, 1.2);
(14.1, 70.7, 0.0, 1.2); (7.1, 63.6, 0.0, 1.2);
(0.0, 56.6, 0.0, 1.2); (-7.1, 49.5, 0.0, 1.2);
(-10.6, 46.0, 0.0, 1.2); (-14.1, 42.4, 0.0, 1.2);
(-16.3, 40.3, 0.0, 1.2); (-17.7, 38.9, 0.0, 1.2);
(-19.1, 37.5, 0.0, 1.2); (-20.5, 36.1, 0.0, 1.2);
(-21.9, 34.7, 0.0, 1.2); (-34.7, 21.9, 0.0, 1.2);
(-36.1, 20.5, 0.0, 1.2); (-37.5, 19.1, 0.0, 1.2);
(-38.9, 17.7, 0.0, 1.2); (-40.3, 16.3, 0.0, 1.2);
(-42.4, 14.1, 0.0, 1.2); (-46.0, 10.6, 0.0, 1.2);
(-49.5, 7.1, 0.0, 1.2); (-56.6, 0.0, 0.0, 1.2);
(-63.6, -7.1, 0.0, 1.2); (-70.7, -14.1, 0.0, 1.2);
(-77.8, -21.2, 0.0, 1.2); (-84.8, -28.3, 0.0, 1.2);
(-91.9, -35.4, 0.0, 1.2); (-99.0, -42.4, 0.0, 1.2);
(49.5, 91.9, 0.0, 1.2); (42.4, 84.8, 0.0, 1.2);
(35.4, 77.8, 0.0, 1.2); (28.3, 70.7, 0.0, 1.2);
(21.2, 63.6, 0.0, 1.2); (14.1, 56.6, 0.0, 1.2);
(7.1, 49.5, 0.0, 1.2); (0.0, 42.4, 0.0, 1.2);
(-3.5, 38.9, 0.0, 1.2); (-7.1, 35.4, 0.0, 1.2);
(-9.2, 33.2, 0.0, 1.2); (-10.6, 31.8, 0.0, 1.2);
(-12.0, 30.4, 0.0, 1.2); (-13.4, 29.0, 0.0, 1.2);
(-14.9, 27.6, 0.0, 1.2); (-27.6, 14.9, 0.0, 1.2);
(-29.0, 13.4, 0.0, 1.2); (-30.4, 12.0, 0.0, 1.2);
(-31.8, 10.6, 0.0, 1.2); (-33.2, 9.2, 0.0, 1.2);
(-35.4, 7.1, 0.0, 1.2); (-38.9, 3.5, 0.0, 1.2);
(-42.4, 0.0, 0.0, 1.2); (-49.5, -7.1, 0.0, 1.2);
(-56.6, -14.1, 0.0, 1.2); (-63.6, -21.2, 0.0, 1.2);
(-70.7, -28.3, 0.0, 1.2); (-77.8, -35.4, 0.0, 1.2);
(-84.8, -42.4, 0.0, 1.2); (-91.9, -49.5, 0.0, 1.2);
(56.6, 84.8, 0.0, 1.2); (49.5, 77.8, 0.0, 1.2);
(42.4, 70.7, 0.0, 1.2); (35.4, 63.6, 0.0, 1.2);
(28.3, 56.6, 0.0, 1.2); (21.2, 49.5, 0.0, 1.2);
(14.1, 42.4, 0.0, 1.2); (7.1, 35.4, 0.0, 1.2);
(3.5, 31.8, 0.0, 1.2); (0.0, 28.3, 0.0, 1.2);

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

(-2.1,	26.2,	0.0,	1.2);	(-3.5,	24.8,	0.0,	1.2);
(-4.9,	23.3,	0.0,	1.2);	(-6.4,	21.9,	0.0,	1.2);
(-7.8,	20.5,	0.0,	1.2);	(-20.5,	7.8,	0.0,	1.2);
(-21.9,	6.4,	0.0,	1.2);	(-23.3,	4.9,	0.0,	1.2);
(-24.8,	3.5,	0.0,	1.2);	(-26.2,	2.1,	0.0,	1.2);
(-28.3,	0.0,	0.0,	1.2);	(-31.8,	-3.5,	0.0,	1.2);
(-35.4,	-7.1,	0.0,	1.2);	(-42.4,	-14.1,	0.0,	1.2);
(-49.5,	-21.2,	0.0,	1.2);	(-56.6,	-28.3,	0.0,	1.2);
(-63.6,	-35.4,	0.0,	1.2);	(-70.7,	-42.4,	0.0,	1.2);
(-77.8,	-49.5,	0.0,	1.2);	(-84.8,	-56.6,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(63.6,	77.8,	0.0,	1.2);	(56.6,	70.7,	0.0,	1.2);
(49.5,	63.6,	0.0,	1.2);	(42.4,	56.6,	0.0,	1.2);
(35.4,	49.5,	0.0,	1.2);	(28.3,	42.4,	0.0,	1.2);
(21.2,	35.4,	0.0,	1.2);	(14.1,	28.3,	0.0,	1.2);
(10.6,	24.8,	0.0,	1.2);	(7.1,	21.2,	0.0,	1.2);
(4.9,	19.1,	0.0,	1.2);	(3.5,	17.7,	0.0,	1.2);
(2.1,	16.3,	0.0,	1.2);	(0.7,	14.9,	0.0,	1.2);
(-0.7,	13.4,	0.0,	1.2);	(-13.4,	0.7,	0.0,	1.2);
(-14.9,	-0.7,	0.0,	1.2);	(-16.3,	-2.1,	0.0,	1.2);
(-17.7,	-3.5,	0.0,	1.2);	(-19.1,	-4.9,	0.0,	1.2);
(-21.2,	-7.1,	0.0,	1.2);	(-24.8,	-10.6,	0.0,	1.2);
(-28.3,	-14.1,	0.0,	1.2);	(-35.4,	-21.2,	0.0,	1.2);
(-42.4,	-28.3,	0.0,	1.2);	(-49.5,	-35.4,	0.0,	1.2);
(-56.6,	-42.4,	0.0,	1.2);	(-63.6,	-49.5,	0.0,	1.2);
(-70.7,	-56.6,	0.0,	1.2);	(-77.8,	-63.6,	0.0,	1.2);
(70.7,	70.7,	0.0,	1.2);	(63.6,	63.6,	0.0,	1.2);
(56.6,	56.6,	0.0,	1.2);	(49.5,	49.5,	0.0,	1.2);
(42.4,	42.4,	0.0,	1.2);	(35.4,	35.4,	0.0,	1.2);
(28.3,	28.3,	0.0,	1.2);	(21.2,	21.2,	0.0,	1.2);
(17.7,	17.7,	0.0,	1.2);	(14.1,	14.1,	0.0,	1.2);
(12.0,	12.0,	0.0,	1.2);	(10.6,	10.6,	0.0,	1.2);
(9.2,	9.2,	0.0,	1.2);	(7.8,	7.8,	0.0,	1.2);
(6.4,	6.4,	0.0,	1.2);	(-6.4,	-6.4,	0.0,	1.2);
(-7.8,	-7.8,	0.0,	1.2);	(-9.2,	-9.2,	0.0,	1.2);
(-10.6,	-10.6,	0.0,	1.2);	(-12.0,	-12.0,	0.0,	1.2);
(-14.1,	-14.1,	0.0,	1.2);	(-17.7,	-17.7,	0.0,	1.2);
(-21.2,	-21.2,	0.0,	1.2);	(-28.3,	-28.3,	0.0,	1.2);

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

(-35.4, -35.4, 0.0, 1.2);	(-42.4, -42.4, 0.0, 1.2);
(-49.5, -49.5, 0.0, 1.2);	(-56.6, -56.6, 0.0, 1.2);
(-63.6, -63.6, 0.0, 1.2);	(-70.7, -70.7, 0.0, 1.2);
(77.8, 63.6, 0.0, 1.2);	(70.7, 56.6, 0.0, 1.2);
(63.6, 49.5, 0.0, 1.2);	(56.6, 42.4, 0.0, 1.2);
(49.5, 35.4, 0.0, 1.2);	(42.4, 28.3, 0.0, 1.2);
(35.4, 21.2, 0.0, 1.2);	(28.3, 14.1, 0.0, 1.2);
(24.8, 10.6, 0.0, 1.2);	(21.2, 7.1, 0.0, 1.2);
(19.1, 4.9, 0.0, 1.2);	(17.7, 3.5, 0.0, 1.2);
(16.3, 2.1, 0.0, 1.2);	(14.9, 0.7, 0.0, 1.2);
(13.4, -0.7, 0.0, 1.2);	(0.7, -13.4, 0.0, 1.2);
(-0.7, -14.9, 0.0, 1.2);	(-2.1, -16.3, 0.0, 1.2);
(-3.5, -17.7, 0.0, 1.2);	(-4.9, -19.1, 0.0, 1.2);
(-7.1, -21.2, 0.0, 1.2);	(-10.6, -24.8, 0.0, 1.2);
(-14.1, -28.3, 0.0, 1.2);	(-21.2, -35.4, 0.0, 1.2);
(-28.3, -42.4, 0.0, 1.2);	(-35.4, -49.5, 0.0, 1.2);
(-42.4, -56.6, 0.0, 1.2);	(-49.5, -63.6, 0.0, 1.2);
(-56.6, -70.7, 0.0, 1.2);	(-63.6, -77.8, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(84.8, 56.6, 0.0, 1.2);	(77.8, 49.5, 0.0, 1.2);
(70.7, 42.4, 0.0, 1.2);	(63.6, 35.4, 0.0, 1.2);
(56.6, 28.3, 0.0, 1.2);	(49.5, 21.2, 0.0, 1.2);
(42.4, 14.1, 0.0, 1.2);	(35.4, 7.1, 0.0, 1.2);
(31.8, 3.5, 0.0, 1.2);	(28.3, 0.0, 0.0, 1.2);
(26.2, -2.1, 0.0, 1.2);	(24.8, -3.5, 0.0, 1.2);
(23.3, -4.9, 0.0, 1.2);	(21.9, -6.4, 0.0, 1.2);
(20.5, -7.8, 0.0, 1.2);	(7.8, -20.5, 0.0, 1.2);
(6.4, -21.9, 0.0, 1.2);	(4.9, -23.3, 0.0, 1.2);
(3.5, -24.8, 0.0, 1.2);	(2.1, -26.2, 0.0, 1.2);
(0.0, -28.3, 0.0, 1.2);	(-3.5, -31.8, 0.0, 1.2);
(-7.1, -35.4, 0.0, 1.2);	(-14.1, -42.4, 0.0, 1.2);
(-21.2, -49.5, 0.0, 1.2);	(-28.3, -56.6, 0.0, 1.2);
(-35.4, -63.6, 0.0, 1.2);	(-42.4, -70.7, 0.0, 1.2);
(-49.5, -77.8, 0.0, 1.2);	(-56.6, -84.8, 0.0, 1.2);
(91.9, 49.5, 0.0, 1.2);	(84.8, 42.4, 0.0, 1.2);
(77.8, 35.4, 0.0, 1.2);	(70.7, 28.3, 0.0, 1.2);
(63.6, 21.2, 0.0, 1.2);	(56.6, 14.1, 0.0, 1.2);
(49.5, 7.1, 0.0, 1.2);	(42.4, 0.0, 0.0, 1.2);

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

(38.9, -3.5, 0.0, 1.2);	(-35.4, -7.1, 0.0, 1.2);
(33.2, -9.2, 0.0, 1.2);	(31.8, -10.6, 0.0, 1.2);
(30.4, -12.0, 0.0, 1.2);	(29.0, -13.4, 0.0, 1.2);
(27.6, -14.9, 0.0, 1.2);	(14.9, -27.6, 0.0, 1.2);
(13.4, -29.0, 0.0, 1.2);	(12.0, -30.4, 0.0, 1.2);
(10.6, -31.8, 0.0, 1.2);	(9.2, -33.2, 0.0, 1.2);
(7.1, -35.4, 0.0, 1.2);	(3.5, -38.9, 0.0, 1.2);
(0.0, -42.4, 0.0, 1.2);	(-7.1, -49.5, 0.0, 1.2);
(-14.1, -56.6, 0.0, 1.2);	(-21.2, -63.6, 0.0, 1.2);
(-28.3, -70.7, 0.0, 1.2);	(-35.4, -77.8, 0.0, 1.2);
(-42.4, -84.8, 0.0, 1.2);	(-49.5, -91.9, 0.0, 1.2);
(99.0, 42.4, 0.0, 1.2);	(91.9, 35.4, 0.0, 1.2);
(84.8, 28.3, 0.0, 1.2);	(77.8, 21.2, 0.0, 1.2);
(70.7, 14.1, 0.0, 1.2);	(63.6, 7.1, 0.0, 1.2);
(56.6, 0.0, 0.0, 1.2);	(49.5, -7.1, 0.0, 1.2);
(46.0, -10.6, 0.0, 1.2);	(42.4, -14.1, 0.0, 1.2);
(40.3, -16.3, 0.0, 1.2);	(38.9, -17.7, 0.0, 1.2);
(37.5, -19.1, 0.0, 1.2);	(36.1, -20.5, 0.0, 1.2);
(34.7, -21.9, 0.0, 1.2);	(21.9, -34.7, 0.0, 1.2);
(20.5, -36.1, 0.0, 1.2);	(19.1, -37.5, 0.0, 1.2);
(17.7, -38.9, 0.0, 1.2);	(16.3, -40.3, 0.0, 1.2);
(14.1, -42.4, 0.0, 1.2);	(10.6, -46.0, 0.0, 1.2);
(7.1, -49.5, 0.0, 1.2);	(0.0, -56.6, 0.0, 1.2);
(-7.1, -63.6, 0.0, 1.2);	(-14.1, -70.7, 0.0, 1.2);
(-21.2, -77.8, 0.0, 1.2);	(-28.3, -84.8, 0.0, 1.2);
(-35.4, -91.9, 0.0, 1.2);	(-42.4, -99.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(106.1, 35.4, 0.0, 1.2);	(99.0, 28.3, 0.0, 1.2);
(91.9, 21.2, 0.0, 1.2);	(84.8, 14.1, 0.0, 1.2);
(77.8, 7.1, 0.0, 1.2);	(70.7, 0.0, 0.0, 1.2);
(63.6, -7.1, 0.0, 1.2);	(56.6, -14.1, 0.0, 1.2);
(53.0, -17.7, 0.0, 1.2);	(49.5, -21.2, 0.0, 1.2);
(47.4, -23.3, 0.0, 1.2);	(46.0, -24.8, 0.0, 1.2);
(44.5, -26.2, 0.0, 1.2);	(43.1, -27.6, 0.0, 1.2);
(41.7, -29.0, 0.0, 1.2);	(29.0, -41.7, 0.0, 1.2);
(27.6, -43.1, 0.0, 1.2);	(26.2, -44.5, 0.0, 1.2);
(24.8, -46.0, 0.0, 1.2);	(23.3, -47.4, 0.0, 1.2);
(21.2, -49.5, 0.0, 1.2);	(17.7, -53.0, 0.0, 1.2);

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

(14.1, -56.6, 0.0, 1.2);	(7.1, -63.6, 0.0, 1.2);
(0.0, -70.7, 0.0, 1.2);	(-7.1, -77.8, 0.0, 1.2);
(-14.1, -84.8, 0.0, 1.2);	(-21.2, -91.9, 0.0, 1.2);
(-28.3, -99.0, 0.0, 1.2);	(-35.4, -106.1, 0.0, 1.2);
(113.1, 28.3, 0.0, 1.2);	(106.1, 21.2, 0.0, 1.2);
(99.0, 14.1, 0.0, 1.2);	(91.9, 7.1, 0.0, 1.2);
(84.8, 0.0, 0.0, 1.2);	(77.8, -7.1, 0.0, 1.2);
(70.7, -14.1, 0.0, 1.2);	(63.6, -21.2, 0.0, 1.2);
(60.1, -24.8, 0.0, 1.2);	(56.6, -28.3, 0.0, 1.2);
(54.5, -30.4, 0.0, 1.2);	(53.0, -31.8, 0.0, 1.2);
(51.6, -33.2, 0.0, 1.2);	(50.2, -34.7, 0.0, 1.2);
(48.8, -36.1, 0.0, 1.2);	(36.1, -48.8, 0.0, 1.2);
(34.7, -50.2, 0.0, 1.2);	(33.2, -51.6, 0.0, 1.2);
(31.8, -53.0, 0.0, 1.2);	(30.4, -54.5, 0.0, 1.2);
(28.3, -56.6, 0.0, 1.2);	(24.8, -60.1, 0.0, 1.2);
(21.2, -63.6, 0.0, 1.2);	(14.1, -70.7, 0.0, 1.2);
(7.1, -77.8, 0.0, 1.2);	(0.0, -84.8, 0.0, 1.2);
(-7.1, -91.9, 0.0, 1.2);	(-14.1, -99.0, 0.0, 1.2);
(-21.2, -106.1, 0.0, 1.2);	(-28.3, -113.1, 0.0, 1.2);
(120.2, 21.2, 0.0, 1.2);	(113.1, 14.1, 0.0, 1.2);
(106.1, 7.1, 0.0, 1.2);	(99.0, 0.0, 0.0, 1.2);
(91.9, -7.1, 0.0, 1.2);	(84.8, -14.1, 0.0, 1.2);
(77.8, -21.2, 0.0, 1.2);	(70.7, -28.3, 0.0, 1.2);
(67.2, -31.8, 0.0, 1.2);	(63.6, -35.4, 0.0, 1.2);
(61.5, -37.5, 0.0, 1.2);	(60.1, -38.9, 0.0, 1.2);
(58.7, -40.3, 0.0, 1.2);	(57.3, -41.7, 0.0, 1.2);
(55.9, -43.1, 0.0, 1.2);	(43.1, -55.9, 0.0, 1.2);
(41.7, -57.3, 0.0, 1.2);	(40.3, -58.7, 0.0, 1.2);
(38.9, -60.1, 0.0, 1.2);	(37.5, -61.5, 0.0, 1.2);
(35.4, -63.6, 0.0, 1.2);	(31.8, -67.2, 0.0, 1.2);
(28.3, -70.7, 0.0, 1.2);	(21.2, -77.8, 0.0, 1.2);
(14.1, -84.8, 0.0, 1.2);	(7.1, -91.9, 0.0, 1.2);
(0.0, -99.0, 0.0, 1.2);	(-7.1, -106.1, 0.0, 1.2);
(-14.1, -113.1, 0.0, 1.2);	(-21.2, -120.2, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(127.3, 14.1, 0.0, 1.2);	(120.2, 7.1, 0.0, 1.2);
(113.1, 0.0, 0.0, 1.2);	(106.1, -7.1, 0.0, 1.2);
(99.0, -14.1, 0.0, 1.2);	(91.9, -21.2, 0.0, 1.2);

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

(84.8, -28.3, 0.0, 1.2);	(77.8, -35.4, 0.0, 1.2);
(74.2, -38.9, 0.0, 1.2);	(70.7, -42.4, 0.0, 1.2);
(68.6, -44.5, 0.0, 1.2);	(67.2, -46.0, 0.0, 1.2);
(65.8, -47.4, 0.0, 1.2);	(64.3, -48.8, 0.0, 1.2);
(62.9, -50.2, 0.0, 1.2);	(50.2, -62.9, 0.0, 1.2);
(48.8, -64.3, 0.0, 1.2);	(47.4, -65.8, 0.0, 1.2);
(46.0, -67.2, 0.0, 1.2);	(44.5, -68.6, 0.0, 1.2);
(42.4, -70.7, 0.0, 1.2);	(38.9, -74.2, 0.0, 1.2);
(35.4, -77.8, 0.0, 1.2);	(28.3, -84.8, 0.0, 1.2);
(21.2, -91.9, 0.0, 1.2);	(14.1, -99.0, 0.0, 1.2);
(7.1, -106.1, 0.0, 1.2);	(0.0, -113.1, 0.0, 1.2);
(-7.1, -120.2, 0.0, 1.2);	(-14.1, -127.3, 0.0, 1.2);
(134.4, 7.1, 0.0, 1.2);	(127.3, 0.0, 0.0, 1.2);
(120.2, -7.1, 0.0, 1.2);	(113.1, -14.1, 0.0, 1.2);
(106.1, -21.2, 0.0, 1.2);	(99.0, -28.3, 0.0, 1.2);
(91.9, -35.4, 0.0, 1.2);	(84.8, -42.4, 0.0, 1.2);
(81.3, -46.0, 0.0, 1.2);	(77.8, -49.5, 0.0, 1.2);
(75.7, -51.6, 0.0, 1.2);	(74.2, -53.0, 0.0, 1.2);
(72.8, -54.5, 0.0, 1.2);	(71.4, -55.9, 0.0, 1.2);
(70.0, -57.3, 0.0, 1.2);	(57.3, -70.0, 0.0, 1.2);
(55.9, -71.4, 0.0, 1.2);	(54.5, -72.8, 0.0, 1.2);
(53.0, -74.2, 0.0, 1.2);	(51.6, -75.7, 0.0, 1.2);
(49.5, -77.8, 0.0, 1.2);	(46.0, -81.3, 0.0, 1.2);
(42.4, -84.8, 0.0, 1.2);	(35.4, -91.9, 0.0, 1.2);
(28.3, -99.0, 0.0, 1.2);	(21.2, -106.1, 0.0, 1.2);
(14.1, -113.1, 0.0, 1.2);	(7.1, -120.2, 0.0, 1.2);
(0.0, -127.3, 0.0, 1.2);	(-7.1, -134.4, 0.0, 1.2);
(141.4, 0.0, 0.0, 1.2);	(134.4, -7.1, 0.0, 1.2);
(127.3, -14.1, 0.0, 1.2);	(120.2, -21.2, 0.0, 1.2);
(113.1, -28.3, 0.0, 1.2);	(106.1, -35.4, 0.0, 1.2);
(99.0, -42.4, 0.0, 1.2);	(91.9, -49.5, 0.0, 1.2);
(88.4, -53.0, 0.0, 1.2);	(84.8, -56.6, 0.0, 1.2);
(82.7, -58.7, 0.0, 1.2);	(81.3, -60.1, 0.0, 1.2);
(79.9, -61.5, 0.0, 1.2);	(78.5, -62.9, 0.0, 1.2);
(77.1, -64.3, 0.0, 1.2);	(64.3, -77.1, 0.0, 1.2);
(62.9, -78.5, 0.0, 1.2);	(61.5, -79.9, 0.0, 1.2);
(60.1, -81.3, 0.0, 1.2);	(58.7, -82.7, 0.0, 1.2);
(56.6, -84.8, 0.0, 1.2);	(53.0, -88.4, 0.0, 1.2);
(49.5, -91.9, 0.0, 1.2);	(42.4, -99.0, 0.0, 1.2);
(35.4, -106.1, 0.0, 1.2);	(28.3, -113.1, 0.0, 1.2);
(21.2, -120.2, 0.0, 1.2);	(14.1, -127.3, 0.0, 1.2);
(7.1, -134.4, 0.0, 1.2);	(0.0, -141.4, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

18:33:00

*** Maximum train overlap at SE/NW Bound Direction

**MODELOPTs:
PAGE 16
CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(148.5,	-7.1,	0.0,	1.2);	(141.4,	-14.1,	0.0,	1.2);
(134.4,	-21.2,	0.0,	1.2);	(127.3,	-28.3,	0.0,	1.2);
(120.2,	-35.4,	0.0,	1.2);	(113.1,	-42.4,	0.0,	1.2);
(106.1,	-49.5,	0.0,	1.2);	(99.0,	-56.6,	0.0,	1.2);
(95.5,	-60.1,	0.0,	1.2);	(91.9,	-63.6,	0.0,	1.2);
(89.8,	-65.8,	0.0,	1.2);	(88.4,	-67.2,	0.0,	1.2);
(87.0,	-68.6,	0.0,	1.2);	(85.6,	-70.0,	0.0,	1.2);
(84.2,	-71.4,	0.0,	1.2);	(71.4,	-84.2,	0.0,	1.2);
(70.0,	-85.6,	0.0,	1.2);	(68.6,	-87.0,	0.0,	1.2);
(67.2,	-88.4,	0.0,	1.2);	(65.8,	-89.8,	0.0,	1.2);
(63.6,	-91.9,	0.0,	1.2);	(60.1,	-95.5,	0.0,	1.2);
(56.6,	-99.0,	0.0,	1.2);	(49.5,	-106.1,	0.0,	1.2);
(42.4,	-113.1,	0.0,	1.2);	(35.4,	-120.2,	0.0,	1.2);
(28.3,	-127.3,	0.0,	1.2);	(21.2,	-134.4,	0.0,	1.2);
(14.1,	-141.4,	0.0,	1.2);	(7.1,	-148.5,	0.0,	1.2);
(155.6,	-14.1,	0.0,	1.2);	(148.5,	-21.2,	0.0,	1.2);
(141.4,	-28.3,	0.0,	1.2);	(134.4,	-35.4,	0.0,	1.2);
(127.3,	-42.4,	0.0,	1.2);	(120.2,	-49.5,	0.0,	1.2);
(113.1,	-56.6,	0.0,	1.2);	(106.1,	-63.6,	0.0,	1.2);
(102.5,	-67.2,	0.0,	1.2);	(99.0,	-70.7,	0.0,	1.2);
(96.9,	-72.8,	0.0,	1.2);	(95.5,	-74.2,	0.0,	1.2);
(94.1,	-75.7,	0.0,	1.2);	(92.6,	-77.1,	0.0,	1.2);
(91.2,	-78.5,	0.0,	1.2);	(78.5,	-91.2,	0.0,	1.2);
(77.1,	-92.6,	0.0,	1.2);	(75.7,	-94.1,	0.0,	1.2);
(74.2,	-95.5,	0.0,	1.2);	(72.8,	-96.9,	0.0,	1.2);
(70.7,	-99.0,	0.0,	1.2);	(67.2,	-102.5,	0.0,	1.2);
(63.6,	-106.1,	0.0,	1.2);	(56.6,	-113.1,	0.0,	1.2);
(49.5,	-120.2,	0.0,	1.2);	(42.4,	-127.3,	0.0,	1.2);
(35.4,	-134.4,	0.0,	1.2);	(28.3,	-141.4,	0.0,	1.2);
(21.2,	-148.5,	0.0,	1.2);	(14.1,	-155.6,	0.0,	1.2);
(162.6,	-21.2,	0.0,	1.2);	(155.6,	-28.3,	0.0,	1.2);
(148.5,	-35.4,	0.0,	1.2);	(141.4,	-42.4,	0.0,	1.2);
(134.4,	-49.5,	0.0,	1.2);	(127.3,	-56.6,	0.0,	1.2);
(120.2,	-63.6,	0.0,	1.2);	(113.1,	-70.7,	0.0,	1.2);
(109.6,	-74.2,	0.0,	1.2);	(106.1,	-77.8,	0.0,	1.2);
(103.9,	-79.9,	0.0,	1.2);	(102.5,	-81.3,	0.0,	1.2);
(101.1,	-82.7,	0.0,	1.2);	(99.7,	-84.2,	0.0,	1.2);
(98.3,	-85.6,	0.0,	1.2);	(85.6,	-98.3,	0.0,	1.2);
(84.2,	-99.7,	0.0,	1.2);	(82.7,	-101.1,	0.0,	1.2);

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

(81.3,	-102.5,	0.0,	1.2);	(79.9,	-103.9,	0.0,	1.2);
(77.8,	-106.1,	0.0,	1.2);	(74.2,	-109.6,	0.0,	1.2);
(70.7,	-113.1,	0.0,	1.2);	(63.6,	-120.2,	0.0,	1.2);
(56.6,	-127.3,	0.0,	1.2);	(49.5,	-134.4,	0.0,	1.2);
(42.4,	-141.4,	0.0,	1.2);	(35.4,	-148.5,	0.0,	1.2);
(28.3,	-155.6,	0.0,	1.2);	(21.2,	-162.6,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(169.7,	-28.3,	0.0,	1.2);	(162.6,	-35.4,	0.0,	1.2);
(155.6,	-42.4,	0.0,	1.2);	(148.5,	-49.5,	0.0,	1.2);
(141.4,	-56.6,	0.0,	1.2);	(134.4,	-63.6,	0.0,	1.2);
(127.3,	-70.7,	0.0,	1.2);	(120.2,	-77.8,	0.0,	1.2);
(116.7,	-81.3,	0.0,	1.2);	(113.1,	-84.8,	0.0,	1.2);
(111.0,	-87.0,	0.0,	1.2);	(109.6,	-88.4,	0.0,	1.2);
(108.2,	-89.8,	0.0,	1.2);	(106.8,	-91.2,	0.0,	1.2);
(105.4,	-92.6,	0.0,	1.2);	(92.6,	-105.4,	0.0,	1.2);
(91.2,	-106.8,	0.0,	1.2);	(89.8,	-108.2,	0.0,	1.2);
(88.4,	-109.6,	0.0,	1.2);	(87.0,	-111.0,	0.0,	1.2);
(84.8,	-113.1,	0.0,	1.2);	(81.3,	-116.7,	0.0,	1.2);
(77.8,	-120.2,	0.0,	1.2);	(70.7,	-127.3,	0.0,	1.2);
(63.6,	-134.4,	0.0,	1.2);	(56.6,	-141.4,	0.0,	1.2);
(49.5,	-148.5,	0.0,	1.2);	(42.4,	-155.6,	0.0,	1.2);
(35.4,	-162.6,	0.0,	1.2);	(28.3,	-169.7,	0.0,	1.2);
(176.8,	-35.4,	0.0,	1.2);	(169.7,	-42.4,	0.0,	1.2);
(162.6,	-49.5,	0.0,	1.2);	(155.6,	-56.6,	0.0,	1.2);
(148.5,	-63.6,	0.0,	1.2);	(141.4,	-70.7,	0.0,	1.2);
(134.4,	-77.8,	0.0,	1.2);	(127.3,	-84.8,	0.0,	1.2);
(123.7,	-88.4,	0.0,	1.2);	(120.2,	-91.9,	0.0,	1.2);
(118.1,	-94.1,	0.0,	1.2);	(116.7,	-95.5,	0.0,	1.2);
(115.3,	-96.9,	0.0,	1.2);	(113.8,	-98.3,	0.0,	1.2);
(112.4,	-99.7,	0.0,	1.2);	(99.7,	-112.4,	0.0,	1.2);
(98.3,	-113.8,	0.0,	1.2);	(96.9,	-115.3,	0.0,	1.2);
(95.5,	-116.7,	0.0,	1.2);	(94.1,	-118.1,	0.0,	1.2);
(91.9,	-120.2,	0.0,	1.2);	(88.4,	-123.7,	0.0,	1.2);
(84.8,	-127.3,	0.0,	1.2);	(77.8,	-134.4,	0.0,	1.2);
(70.7,	-141.4,	0.0,	1.2);	(63.6,	-148.5,	0.0,	1.2);
(56.6,	-155.6,	0.0,	1.2);	(49.5,	-162.6,	0.0,	1.2);
(42.4,	-169.7,	0.0,	1.2);	(35.4,	-176.8,	0.0,	1.2);
(183.9,	-42.4,	0.0,	1.2);	(176.8,	-49.5,	0.0,	1.2);

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

(169.7, -56.6, 0.0, 1.2);	(162.6, -63.6, 0.0, 1.2);
(155.6, -70.7, 0.0, 1.2);	(148.5, -77.8, 0.0, 1.2);
(141.4, -84.8, 0.0, 1.2);	(134.4, -91.9, 0.0, 1.2);
(130.8, -95.5, 0.0, 1.2);	(127.3, -99.0, 0.0, 1.2);
(125.2, -101.1, 0.0, 1.2);	(123.7, -102.5, 0.0, 1.2);
(122.3, -103.9, 0.0, 1.2);	(120.9, -105.4, 0.0, 1.2);
(119.5, -106.8, 0.0, 1.2);	(106.8, -119.5, 0.0, 1.2);
(105.4, -120.9, 0.0, 1.2);	(103.9, -122.3, 0.0, 1.2);
(102.5, -123.7, 0.0, 1.2);	(101.1, -125.2, 0.0, 1.2);
(99.0, -127.3, 0.0, 1.2);	(95.5, -130.8, 0.0, 1.2);
(91.9, -134.4, 0.0, 1.2);	(84.8, -141.4, 0.0, 1.2);
(77.8, -148.5, 0.0, 1.2);	(70.7, -155.6, 0.0, 1.2);
(63.6, -162.6, 0.0, 1.2);	(56.6, -169.7, 0.0, 1.2);
(49.5, -176.8, 0.0, 1.2);	(42.4, -183.9, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:33:00

**MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(190.9, -49.5, 0.0, 1.2);	(183.9, -56.6, 0.0, 1.2);
(176.8, -63.6, 0.0, 1.2);	(169.7, -70.7, 0.0, 1.2);
(162.6, -77.8, 0.0, 1.2);	(155.6, -84.8, 0.0, 1.2);
(148.5, -91.9, 0.0, 1.2);	(141.4, -99.0, 0.0, 1.2);
(137.9, -102.5, 0.0, 1.2);	(134.4, -106.1, 0.0, 1.2);
(132.2, -108.2, 0.0, 1.2);	(130.8, -109.6, 0.0, 1.2);
(129.4, -111.0, 0.0, 1.2);	(128.0, -112.4, 0.0, 1.2);
(126.6, -113.8, 0.0, 1.2);	(113.8, -126.6, 0.0, 1.2);
(112.4, -128.0, 0.0, 1.2);	(111.0, -129.4, 0.0, 1.2);
(109.6, -130.8, 0.0, 1.2);	(108.2, -132.2, 0.0, 1.2);
(106.1, -134.4, 0.0, 1.2);	(102.5, -137.9, 0.0, 1.2);
(99.0, -141.4, 0.0, 1.2);	(91.9, -148.5, 0.0, 1.2);
(84.8, -155.6, 0.0, 1.2);	(77.8, -162.6, 0.0, 1.2);
(70.7, -169.7, 0.0, 1.2);	(63.6, -176.8, 0.0, 1.2);
(56.6, -183.9, 0.0, 1.2);	(49.5, -190.9, 0.0, 1.2);
(198.0, -56.6, 0.0, 1.2);	(190.9, -63.6, 0.0, 1.2);
(183.9, -70.7, 0.0, 1.2);	(176.8, -77.8, 0.0, 1.2);
(169.7, -84.8, 0.0, 1.2);	(162.6, -91.9, 0.0, 1.2);
(155.6, -99.0, 0.0, 1.2);	(148.5, -106.1, 0.0, 1.2);
(145.0, -109.6, 0.0, 1.2);	(141.4, -113.1, 0.0, 1.2);
(139.3, -115.3, 0.0, 1.2);	(137.9, -116.7, 0.0, 1.2);
(136.5, -118.1, 0.0, 1.2);	(135.1, -119.5, 0.0, 1.2);
(133.6, -120.9, 0.0, 1.2);	(120.9, -133.6, 0.0, 1.2);

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

(119.5, -135.1, 0.0, 1.2);	(118.1, -136.5, 0.0, 1.2);
(116.7, -137.9, 0.0, 1.2);	(115.3, -139.3, 0.0, 1.2);
(113.1, -141.4, 0.0, 1.2);	(109.6, -145.0, 0.0, 1.2);
(106.1, -148.5, 0.0, 1.2);	(99.0, -155.6, 0.0, 1.2);
(91.9, -162.6, 0.0, 1.2);	(84.8, -169.7, 0.0, 1.2);
(77.8, -176.8, 0.0, 1.2);	(70.7, -183.9, 0.0, 1.2);
(63.6, -190.9, 0.0, 1.2);	(56.6, -198.0, 0.0, 1.2);
(205.1, -63.6, 0.0, 1.2);	(198.0, -70.7, 0.0, 1.2);
(190.9, -77.8, 0.0, 1.2);	(183.9, -84.8, 0.0, 1.2);
(176.8, -91.9, 0.0, 1.2);	(169.7, -99.0, 0.0, 1.2);
(162.6, -106.1, 0.0, 1.2);	(155.6, -113.1, 0.0, 1.2);
(152.0, -116.7, 0.0, 1.2);	(148.5, -120.2, 0.0, 1.2);
(146.4, -122.3, 0.0, 1.2);	(145.0, -123.7, 0.0, 1.2);
(143.5, -125.2, 0.0, 1.2);	(142.1, -126.6, 0.0, 1.2);
(140.7, -128.0, 0.0, 1.2);	(128.0, -140.7, 0.0, 1.2);
(126.6, -142.1, 0.0, 1.2);	(125.2, -143.5, 0.0, 1.2);
(123.7, -145.0, 0.0, 1.2);	(122.3, -146.4, 0.0, 1.2);
(120.2, -148.5, 0.0, 1.2);	(116.7, -152.0, 0.0, 1.2);
(113.1, -155.6, 0.0, 1.2);	(106.1, -162.6, 0.0, 1.2);
(99.0, -169.7, 0.0, 1.2);	(91.9, -176.8, 0.0, 1.2);
(84.8, -183.9, 0.0, 1.2);	(77.8, -190.9, 0.0, 1.2);
(70.7, -198.0, 0.0, 1.2);	(63.6, -205.1, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(212.1, -70.7, 0.0, 1.2);	(205.1, -77.8, 0.0, 1.2);
(198.0, -84.8, 0.0, 1.2);	(190.9, -91.9, 0.0, 1.2);
(183.9, -99.0, 0.0, 1.2);	(176.8, -106.1, 0.0, 1.2);
(169.7, -113.1, 0.0, 1.2);	(162.6, -120.2, 0.0, 1.2);
(159.1, -123.7, 0.0, 1.2);	(155.6, -127.3, 0.0, 1.2);
(153.4, -129.4, 0.0, 1.2);	(152.0, -130.8, 0.0, 1.2);
(150.6, -132.2, 0.0, 1.2);	(149.2, -133.6, 0.0, 1.2);
(147.8, -135.1, 0.0, 1.2);	(135.1, -147.8, 0.0, 1.2);
(133.6, -149.2, 0.0, 1.2);	(132.2, -150.6, 0.0, 1.2);
(130.8, -152.0, 0.0, 1.2);	(129.4, -153.4, 0.0, 1.2);
(127.3, -155.6, 0.0, 1.2);	(123.7, -159.1, 0.0, 1.2);
(120.2, -162.6, 0.0, 1.2);	(113.1, -169.7, 0.0, 1.2);
(106.1, -176.8, 0.0, 1.2);	(99.0, -183.9, 0.0, 1.2);
(91.9, -190.9, 0.0, 1.2);	(84.8, -198.0, 0.0, 1.2);
(77.8, -205.1, 0.0, 1.2);	(70.7, -212.1, 0.0, 1.2);

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

(219.2, -77.8, 0.0, 1.2);	(212.1, -84.8, 0.0, 1.2);
(205.1, -91.9, 0.0, 1.2);	(198.0, -99.0, 0.0, 1.2);
(190.9, -106.1, 0.0, 1.2);	(183.9, -113.1, 0.0, 1.2);
(176.8, -120.2, 0.0, 1.2);	(169.7, -127.3, 0.0, 1.2);
(166.2, -130.8, 0.0, 1.2);	(162.6, -134.4, 0.0, 1.2);
(160.5, -136.5, 0.0, 1.2);	(159.1, -137.9, 0.0, 1.2);
(157.7, -139.3, 0.0, 1.2);	(156.3, -140.7, 0.0, 1.2);
(154.9, -142.1, 0.0, 1.2);	(142.1, -154.9, 0.0, 1.2);
(140.7, -156.3, 0.0, 1.2);	(139.3, -157.7, 0.0, 1.2);
(137.9, -159.1, 0.0, 1.2);	(136.5, -160.5, 0.0, 1.2);
(134.4, -162.6, 0.0, 1.2);	(130.8, -166.2, 0.0, 1.2);
(127.3, -169.7, 0.0, 1.2);	(120.2, -176.8, 0.0, 1.2);
(113.1, -183.9, 0.0, 1.2);	(106.1, -190.9, 0.0, 1.2);
(99.0, -198.0, 0.0, 1.2);	(91.9, -205.1, 0.0, 1.2);
(84.8, -212.1, 0.0, 1.2);	(77.8, -219.2, 0.0, 1.2);
(226.3, -84.8, 0.0, 1.2);	(219.2, -91.9, 0.0, 1.2);
(212.1, -99.0, 0.0, 1.2);	(205.1, -106.1, 0.0, 1.2);
(198.0, -113.1, 0.0, 1.2);	(190.9, -120.2, 0.0, 1.2);
(183.9, -127.3, 0.0, 1.2);	(176.8, -134.4, 0.0, 1.2);
(173.2, -137.9, 0.0, 1.2);	(169.7, -141.4, 0.0, 1.2);
(167.6, -143.5, 0.0, 1.2);	(166.2, -145.0, 0.0, 1.2);
(164.8, -146.4, 0.0, 1.2);	(163.3, -147.8, 0.0, 1.2);
(161.9, -149.2, 0.0, 1.2);	(149.2, -161.9, 0.0, 1.2);
(147.8, -163.3, 0.0, 1.2);	(146.4, -164.8, 0.0, 1.2);
(145.0, -166.2, 0.0, 1.2);	(143.5, -167.6, 0.0, 1.2);
(141.4, -169.7, 0.0, 1.2);	(137.9, -173.2, 0.0, 1.2);
(134.4, -176.8, 0.0, 1.2);	(127.3, -183.9, 0.0, 1.2);
(120.2, -190.9, 0.0, 1.2);	(113.1, -198.0, 0.0, 1.2);
(106.1, -205.1, 0.0, 1.2);	(99.0, -212.1, 0.0, 1.2);
(91.9, -219.2, 0.0, 1.2);	(84.8, -226.3, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(233.4, -91.9, 0.0, 1.2);	(226.3, -99.0, 0.0, 1.2);
(219.2, -106.1, 0.0, 1.2);	(212.1, -113.1, 0.0, 1.2);
(205.1, -120.2, 0.0, 1.2);	(198.0, -127.3, 0.0, 1.2);
(190.9, -134.4, 0.0, 1.2);	(183.9, -141.4, 0.0, 1.2);
(180.3, -145.0, 0.0, 1.2);	(176.8, -148.5, 0.0, 1.2);
(174.7, -150.6, 0.0, 1.2);	(173.2, -152.0, 0.0, 1.2);
(171.8, -153.4, 0.0, 1.2);	(170.4, -154.9, 0.0, 1.2);

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

(169.0,	-156.3,	0.0,	1.2);	(-156.3,	-169.0,	0.0,	1.2);
(154.9,	-170.4,	0.0,	1.2);	(153.4,	-171.8,	0.0,	1.2);
(152.0,	-173.2,	0.0,	1.2);	(150.6,	-174.7,	0.0,	1.2);
(148.5,	-176.8,	0.0,	1.2);	(145.0,	-180.3,	0.0,	1.2);
(141.4,	-183.9,	0.0,	1.2);	(134.4,	-190.9,	0.0,	1.2);
(127.3,	-198.0,	0.0,	1.2);	(120.2,	-205.1,	0.0,	1.2);
(113.1,	-212.1,	0.0,	1.2);	(106.1,	-219.2,	0.0,	1.2);
(99.0,	-226.3,	0.0,	1.2);	(91.9,	-233.4,	0.0,	1.2);
(240.4,	-99.0,	0.0,	1.2);	(233.4,	-106.1,	0.0,	1.2);
(226.3,	-113.1,	0.0,	1.2);	(219.2,	-120.2,	0.0,	1.2);
(212.1,	-127.3,	0.0,	1.2);	(205.1,	-134.4,	0.0,	1.2);
(198.0,	-141.4,	0.0,	1.2);	(190.9,	-148.5,	0.0,	1.2);
(187.4,	-152.0,	0.0,	1.2);	(183.9,	-155.6,	0.0,	1.2);
(181.7,	-157.7,	0.0,	1.2);	(180.3,	-159.1,	0.0,	1.2);
(178.9,	-160.5,	0.0,	1.2);	(177.5,	-161.9,	0.0,	1.2);
(176.1,	-163.3,	0.0,	1.2);	(163.3,	-176.1,	0.0,	1.2);
(161.9,	-177.5,	0.0,	1.2);	(160.5,	-178.9,	0.0,	1.2);
(159.1,	-180.3,	0.0,	1.2);	(157.7,	-181.7,	0.0,	1.2);
(155.6,	-183.9,	0.0,	1.2);	(152.0,	-187.4,	0.0,	1.2);
(148.5,	-190.9,	0.0,	1.2);	(141.4,	-198.0,	0.0,	1.2);
(134.4,	-205.1,	0.0,	1.2);	(127.3,	-212.1,	0.0,	1.2);
(120.2,	-219.2,	0.0,	1.2);	(113.1,	-226.3,	0.0,	1.2);
(106.1,	-233.4,	0.0,	1.2);	(99.0,	-240.4,	0.0,	1.2);
(247.5,	-106.1,	0.0,	1.2);	(240.4,	-113.1,	0.0,	1.2);
(233.4,	-120.2,	0.0,	1.2);	(226.3,	-127.3,	0.0,	1.2);
(219.2,	-134.4,	0.0,	1.2);	(212.1,	-141.4,	0.0,	1.2);
(205.1,	-148.5,	0.0,	1.2);	(198.0,	-155.6,	0.0,	1.2);
(194.4,	-159.1,	0.0,	1.2);	(190.9,	-162.6,	0.0,	1.2);
(188.8,	-164.8,	0.0,	1.2);	(187.4,	-166.2,	0.0,	1.2);
(186.0,	-167.6,	0.0,	1.2);	(184.6,	-169.0,	0.0,	1.2);
(183.1,	-170.4,	0.0,	1.2);	(170.4,	-183.1,	0.0,	1.2);
(169.0,	-184.6,	0.0,	1.2);	(167.6,	-186.0,	0.0,	1.2);
(166.2,	-187.4,	0.0,	1.2);	(164.8,	-188.8,	0.0,	1.2);
(162.6,	-190.9,	0.0,	1.2);	(159.1,	-194.4,	0.0,	1.2);
(155.6,	-198.0,	0.0,	1.2);	(148.5,	-205.1,	0.0,	1.2);
(141.4,	-212.1,	0.0,	1.2);	(134.4,	-219.2,	0.0,	1.2);
(127.3,	-226.3,	0.0,	1.2);	(120.2,	-233.4,	0.0,	1.2);
(113.1,	-240.4,	0.0,	1.2);	(106.1,	-247.5,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 1994 1 1 1
AND END DATE: 1994 12 31 24

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY					6
	1	2	3	4	5	
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					6
	1	2	3	4	5	
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

FILE: C:\NCRA\Modeling\Met Data\Napa\NAP94300.ASC

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)

SURFACE STATION NO.: 4901
NAME: UNKNOWN

UPPER AIR STATION NO.: 4901
NAME: UNKNOWN

YEAR: 1994

YEAR: 1994

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
94	01	01	01	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	02	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	03	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	04	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	05	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	06	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	07	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	08	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	09	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	10	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	11	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	12	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	13	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	14	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	15	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	16	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	17	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	18	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	19	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	20	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	21	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	22	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	23	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
94	01	01	24	0.0	0.00	293.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00006	-113.14	240.42	0.00006
-120.21	233.35	0.00006	-127.28	226.27	0.00005
-134.35	219.20	0.00005	-141.42	212.13	0.00005
-148.49	205.06	0.00005	-155.56	197.99	0.00005
-159.10	194.45	0.00005	-162.63	190.92	0.00005
-164.76	188.80	0.00005	-166.17	187.38	0.00005
-167.58	185.97	0.00005	-169.00	184.55	0.00005
-170.41	183.14	0.00005	-183.14	170.41	0.00005
-184.55	169.00	0.00005	-185.97	167.58	0.00005
-187.38	166.17	0.00005	-188.80	164.76	0.00005
-190.92	162.63	0.00005	-194.45	159.10	0.00005
-197.99	155.56	0.00005	-205.06	148.49	0.00004
-212.13	141.42	0.00004	-219.20	134.35	0.00004
-226.27	127.28	0.00004	-233.35	120.21	0.00004
-240.42	113.14	0.00004	-247.49	106.07	0.00004
-98.99	240.42	0.00006	-106.07	233.35	0.00006
-113.14	226.27	0.00006	-120.21	219.20	0.00006

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-127.28	212.13	0.00006	-134.35	205.06	0.00005
-141.42	197.99	0.00005	-148.49	190.92	0.00005
-152.03	187.38	0.00005	-155.56	183.85	0.00005
-157.68	181.73	0.00005	-159.10	180.31	0.00005
-160.51	178.90	0.00005	-161.93	177.48	0.00005
-163.34	176.07	0.00005	-176.07	163.34	0.00005
-177.48	161.93	0.00005	-178.90	160.51	0.00005
-180.31	159.10	0.00005	-181.73	157.68	0.00005
-183.85	155.56	0.00005	-187.38	152.03	0.00005
-190.92	148.49	0.00005	-197.99	141.42	0.00005
-205.06	134.35	0.00005	-212.13	127.28	0.00004
-219.20	120.21	0.00004	-226.27	113.14	0.00004
-233.35	106.07	0.00004	-240.42	98.99	0.00004
-91.92	233.35	0.00006	-99.00	226.27	0.00006
-106.07	219.20	0.00006	-113.14	212.13	0.00006
-120.21	205.06	0.00006	-127.28	197.99	0.00006
-134.35	190.92	0.00005	-141.42	183.85	0.00005
-144.96	180.31	0.00005	-148.49	176.78	0.00005
-150.61	174.66	0.00005	-152.03	173.24	0.00005
-153.44	171.83	0.00005	-154.86	170.41	0.00005
-156.27	169.00	0.00005	-169.00	156.27	0.00005
-170.41	154.86	0.00005	-171.83	153.44	0.00005
-173.24	152.03	0.00005	-174.66	150.61	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTS:
 PAGE 24

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00005	-180.31	144.96	0.00005
-183.85	141.42	0.00005	-190.92	134.35	0.00005
-197.99	127.28	0.00005	-205.06	120.21	0.00005
-212.13	113.14	0.00005	-219.20	106.07	0.00004
-226.27	98.99	0.00004	-233.35	91.92	0.00004
-84.85	226.27	0.00007	-91.92	219.20	0.00007
-99.00	212.13	0.00006	-106.07	205.06	0.00006
-113.14	197.99	0.00006	-120.21	190.92	0.00006
-127.28	183.85	0.00006	-134.35	176.78	0.00006
-137.89	173.24	0.00005	-141.42	169.71	0.00005
-143.54	167.58	0.00005	-144.96	166.17	0.00005

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-146.37	164.76	0.00005	-147.79	163.34	0.00005
-149.20	161.93	0.00005	-161.93	149.20	0.00005
-163.34	147.79	0.00005	-164.76	146.37	0.00005
-166.17	144.96	0.00005	-167.58	143.54	0.00005
-169.71	141.42	0.00005	-173.24	137.89	0.00005
-176.78	134.35	0.00005	-183.85	127.28	0.00005
-190.92	120.21	0.00005	-197.99	113.14	0.00005
-205.06	106.07	0.00005	-212.13	98.99	0.00005
-219.20	91.92	0.00004	-226.27	84.85	0.00004
-77.78	219.20	0.00007	-84.85	212.13	0.00007
-91.92	205.06	0.00007	-99.00	197.99	0.00007
-106.07	190.92	0.00006	-113.14	183.85	0.00006
-120.21	176.78	0.00006	-127.28	169.71	0.00006
-130.81	166.17	0.00006	-134.35	162.63	0.00006
-136.47	160.51	0.00006	-137.89	159.10	0.00006
-139.30	157.68	0.00006	-140.71	156.27	0.00006
-142.13	154.86	0.00006	-154.86	142.13	0.00005
-156.27	140.71	0.00005	-157.68	139.30	0.00005
-159.10	137.89	0.00005	-160.51	136.47	0.00005
-162.63	134.35	0.00005	-166.17	130.81	0.00005
-169.71	127.28	0.00005	-176.78	120.21	0.00005
-183.85	113.14	0.00005	-190.92	106.07	0.00005
-197.99	98.99	0.00005	-205.06	91.92	0.00005
-212.13	84.85	0.00005	-219.20	77.78	0.00004
-70.71	212.13	0.00007	-77.78	205.06	0.00007
-84.85	197.99	0.00007	-91.92	190.92	0.00007
-98.99	183.85	0.00007	-106.07	176.78	0.00007
-113.14	169.71	0.00006	-120.21	162.63	0.00006
-123.74	159.10	0.00006	-127.28	155.56	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTS:
 PAGE 25

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00006	-130.81	152.03	0.00006
-132.23	150.61	0.00006	-133.64	149.20	0.00006
-135.06	147.79	0.00006	-147.79	135.06	0.00006
-149.20	133.64	0.00006	-150.61	132.23	0.00006
-152.03	130.81	0.00006	-153.44	129.40	0.00006

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-155.56	127.28	0.00006	-159.10	123.74	0.00006
-162.63	120.21	0.00006	-169.71	113.14	0.00006
-176.78	106.07	0.00005	-183.85	98.99	0.00005
-190.92	91.92	0.00005	-197.99	84.85	0.00005
-205.06	77.78	0.00005	-212.13	70.71	0.00005
-63.64	205.06	0.00008	-70.71	197.99	0.00008
-77.78	190.92	0.00008	-84.85	183.85	0.00007
-91.92	176.78	0.00007	-98.99	169.71	0.00007
-106.07	162.63	0.00007	-113.14	155.56	0.00006
-116.67	152.03	0.00006	-120.21	148.49	0.00006
-122.33	146.37	0.00006	-123.74	144.96	0.00006
-125.16	143.54	0.00006	-126.57	142.13	0.00006
-127.99	140.71	0.00006	-140.71	127.99	0.00006
-142.13	126.57	0.00006	-143.54	125.16	0.00006
-144.96	123.74	0.00006	-146.37	122.33	0.00006
-148.49	120.21	0.00006	-152.03	116.67	0.00006
-155.56	113.14	0.00006	-162.63	106.07	0.00006
-169.71	98.99	0.00006	-176.78	91.92	0.00006
-183.85	84.85	0.00005	-190.92	77.78	0.00005
-197.99	70.71	0.00005	-205.06	63.64	0.00005
-56.57	197.99	0.00008	-63.64	190.92	0.00008
-70.71	183.85	0.00008	-77.78	176.78	0.00008
-84.85	169.71	0.00008	-91.92	162.63	0.00007
-98.99	155.56	0.00007	-106.07	148.49	0.00007
-109.60	144.96	0.00007	-113.14	141.42	0.00007
-115.26	139.30	0.00007	-116.67	137.89	0.00007
-118.09	136.47	0.00007	-119.50	135.06	0.00007
-120.92	133.64	0.00006	-133.64	120.92	0.00006
-135.06	119.50	0.00006	-136.47	118.09	0.00006
-137.89	116.67	0.00006	-139.30	115.26	0.00006
-141.42	113.14	0.00006	-144.96	109.60	0.00006
-148.49	106.07	0.00006	-155.56	98.99	0.00006
-162.63	91.92	0.00006	-169.71	84.85	0.00006
-176.78	77.78	0.00006	-183.85	70.71	0.00005
-190.92	63.64	0.00005	-197.99	56.57	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***
 18:33:00
 **MODELOPTs:
 PAGE 26
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00009	-56.57	183.85	0.00009
-63.64	176.78	0.00008	-70.71	169.71	0.00008
-77.78	162.63	0.00008	-84.85	155.56	0.00008
-91.92	148.49	0.00007	-98.99	141.42	0.00007
-102.53	137.89	0.00007	-106.07	134.35	0.00007
-108.19	132.23	0.00007	-109.60	130.81	0.00007
-111.02	129.40	0.00007	-112.43	127.99	0.00007
-113.84	126.57	0.00007	-126.57	113.84	0.00007
-127.99	112.43	0.00007	-129.40	111.02	0.00007
-130.81	109.60	0.00007	-132.23	108.19	0.00007
-134.35	106.07	0.00007	-137.89	102.53	0.00007
-141.42	98.99	0.00006	-148.49	91.92	0.00006
-155.56	84.85	0.00006	-162.63	77.78	0.00006
-169.71	70.71	0.00006	-176.78	63.64	0.00006
-183.85	56.57	0.00005	-190.92	49.50	0.00005
-42.43	183.85	0.00009	-49.50	176.78	0.00009
-56.57	169.71	0.00009	-63.64	162.63	0.00009
-70.71	155.56	0.00008	-77.78	148.49	0.00008
-84.85	141.42	0.00008	-91.92	134.35	0.00008
-95.46	130.81	0.00007	-98.99	127.28	0.00007
-101.12	125.16	0.00007	-102.53	123.74	0.00007
-103.94	122.33	0.00007	-105.36	120.92	0.00007
-106.77	119.50	0.00007	-119.50	106.77	0.00007
-120.92	105.36	0.00007	-122.33	103.94	0.00007
-123.74	102.53	0.00007	-125.16	101.12	0.00007
-127.28	98.99	0.00007	-130.81	95.46	0.00007
-134.35	91.92	0.00007	-141.42	84.85	0.00007
-148.49	77.78	0.00007	-155.56	70.71	0.00006
-162.63	63.64	0.00006	-169.71	56.57	0.00006
-176.78	49.50	0.00006	-183.85	42.43	0.00006
-35.36	176.78	0.00010	-42.43	169.71	0.00010
-49.50	162.63	0.00010	-56.57	155.56	0.00009
-63.64	148.49	0.00009	-70.71	141.42	0.00009
-77.78	134.35	0.00008	-84.85	127.28	0.00008
-88.39	123.74	0.00008	-91.92	120.21	0.00008
-94.05	118.09	0.00008	-95.46	116.67	0.00008
-96.87	115.26	0.00008	-98.29	113.84	0.00008
-99.70	112.43	0.00008	-112.43	99.70	0.00007
-113.84	98.29	0.00007	-115.26	96.87	0.00007
-116.67	95.46	0.00007	-118.09	94.05	0.00007

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:33:00

**MODELOPTS:

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00007	-123.74	88.39	0.00007
-127.28	84.85	0.00007	-134.35	77.78	0.00007
-141.42	70.71	0.00007	-148.49	63.64	0.00007
-155.56	56.57	0.00006	-162.63	49.50	0.00006
-169.71	42.43	0.00006	-176.78	35.36	0.00006
-28.28	169.71	0.00011	-35.36	162.63	0.00010
-42.43	155.56	0.00010	-49.50	148.49	0.00010
-56.57	141.42	0.00010	-63.64	134.35	0.00009
-70.71	127.28	0.00009	-77.78	120.21	0.00009
-81.32	116.67	0.00008	-84.85	113.14	0.00008
-86.97	111.02	0.00008	-88.39	109.60	0.00008
-89.80	108.19	0.00008	-91.22	106.77	0.00008
-92.63	105.36	0.00008	-105.36	92.63	0.00008
-106.77	91.22	0.00008	-108.19	89.80	0.00008
-109.60	88.39	0.00008	-111.02	86.97	0.00008
-113.14	84.85	0.00008	-116.67	81.32	0.00008
-120.21	77.78	0.00008	-127.28	70.71	0.00007
-134.35	63.64	0.00007	-141.42	56.57	0.00007
-148.49	49.50	0.00007	-155.56	42.43	0.00006
-162.63	35.36	0.00006	-169.71	28.28	0.00006
-21.21	162.63	0.00012	-28.28	155.56	0.00011
-35.36	148.49	0.00011	-42.43	141.42	0.00011
-49.50	134.35	0.00010	-56.57	127.28	0.00010
-63.64	120.21	0.00010	-70.71	113.14	0.00009
-74.25	109.60	0.00009	-77.78	106.07	0.00009
-79.90	103.94	0.00009	-81.32	102.53	0.00009
-82.73	101.12	0.00009	-84.15	99.70	0.00009
-85.56	98.29	0.00009	-98.29	85.56	0.00008
-99.70	84.15	0.00008	-101.12	82.73	0.00008
-102.53	81.32	0.00008	-103.94	79.90	0.00008
-106.07	77.78	0.00008	-109.60	74.25	0.00008
-113.14	70.71	0.00008	-120.21	63.64	0.00008
-127.28	56.57	0.00008	-134.35	49.50	0.00007
-141.42	42.43	0.00007	-148.49	35.36	0.00007
-155.56	28.28	0.00007	-162.63	21.21	0.00006
-14.14	155.56	0.00012	-21.21	148.49	0.00012
-28.28	141.42	0.00012	-35.36	134.35	0.00011

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-42.43	127.28	0.00011	-49.50	120.21	0.00011
-56.57	113.14	0.00010	-63.64	106.07	0.00010
-67.18	102.53	0.00010	-70.71	98.99	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 28

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00009	-74.25	95.46	0.00009
-75.66	94.05	0.00009	-77.07	92.63	0.00009
-78.49	91.22	0.00009	-91.22	78.49	0.00009
-92.63	77.07	0.00009	-94.05	75.66	0.00009
-95.46	74.25	0.00009	-96.87	72.83	0.00009
-98.99	70.71	0.00009	-102.53	67.18	0.00009
-106.07	63.64	0.00009	-113.14	56.57	0.00008
-120.21	49.50	0.00008	-127.28	42.43	0.00008
-134.35	35.36	0.00007	-141.42	28.28	0.00007
-148.49	21.21	0.00007	-155.56	14.14	0.00007
-7.07	148.49	0.00013	-14.14	141.42	0.00013
-21.21	134.35	0.00013	-28.28	127.28	0.00012
-35.36	120.21	0.00012	-42.43	113.14	0.00011
-49.50	106.07	0.00011	-56.57	98.99	0.00010
-60.10	95.46	0.00010	-63.64	91.92	0.00010
-65.76	89.80	0.00010	-67.18	88.39	0.00010
-68.59	86.97	0.00010	-70.00	85.56	0.00010
-71.42	84.15	0.00010	-84.15	71.42	0.00009
-85.56	70.00	0.00009	-86.97	68.59	0.00009
-88.39	67.18	0.00009	-89.80	65.76	0.00009
-91.92	63.64	0.00009	-95.46	60.10	0.00009
-98.99	56.57	0.00009	-106.07	49.50	0.00009
-113.14	42.43	0.00008	-120.21	35.36	0.00008
-127.28	28.28	0.00008	-134.35	21.21	0.00008
-141.42	14.14	0.00007	-148.49	7.07	0.00007
0.00	141.42	0.00014	-7.07	134.35	0.00014
-14.14	127.28	0.00014	-21.21	120.21	0.00013
-28.28	113.14	0.00013	-35.36	106.07	0.00012
-42.43	98.99	0.00012	-49.50	91.92	0.00011
-53.03	88.39	0.00011	-56.57	84.85	0.00011
-58.69	82.73	0.00011	-60.10	81.32	0.00011

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-61.52	79.90	0.00010	-62.93	78.49	0.00010
-64.35	77.07	0.00010	-77.07	64.35	0.00010
-78.49	62.93	0.00010	-79.90	61.52	0.00010
-81.32	60.10	0.00010	-82.73	58.69	0.00010
-84.85	56.57	0.00010	-88.39	53.03	0.00010
-91.92	49.50	0.00010	-98.99	42.43	0.00009
-106.07	35.36	0.00009	-113.14	28.28	0.00009
-120.21	21.21	0.00008	-127.28	14.14	0.00008
-134.35	7.07	0.00008	-141.42	0.00	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 29
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00016	0.00	127.28	0.00015
-7.07	120.21	0.00015	-14.14	113.14	0.00014
-21.21	106.07	0.00014	-28.28	98.99	0.00013
-35.36	91.92	0.00013	-42.43	84.85	0.00012
-45.96	81.32	0.00012	-49.50	77.78	0.00012
-51.62	75.66	0.00011	-53.03	74.25	0.00011
-54.45	72.83	0.00011	-55.86	71.42	0.00011
-57.28	70.00	0.00011	-70.00	57.28	0.00011
-71.42	55.86	0.00011	-72.83	54.45	0.00011
-74.25	53.03	0.00011	-75.66	51.62	0.00011
-77.78	49.50	0.00011	-81.32	45.96	0.00010
-84.85	42.43	0.00010	-91.92	35.36	0.00010
-98.99	28.28	0.00010	-106.07	21.21	0.00009
-113.14	14.14	0.00009	-120.21	7.07	0.00008
-127.28	0.00	0.00008	-134.35	-7.07	0.00008
14.14	127.28	0.00017	7.07	120.21	0.00017
0.00	113.14	0.00016	-7.07	106.07	0.00015
-14.14	98.99	0.00015	-21.21	91.92	0.00014
-28.28	84.85	0.00014	-35.36	77.78	0.00013
-38.89	74.25	0.00013	-42.43	70.71	0.00012
-44.55	68.59	0.00012	-45.96	67.18	0.00012
-47.38	65.76	0.00012	-48.79	64.35	0.00012
-50.20	62.93	0.00012	-62.93	50.20	0.00011
-64.35	48.79	0.00011	-65.76	47.38	0.00011
-67.18	45.96	0.00011	-68.59	44.55	0.00011

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	42.43	0.00011	-74.25	38.89	0.00011
-77.78	35.36	0.00011	-84.85	28.28	0.00011
-91.92	21.21	0.00010	-98.99	14.14	0.00010
-106.07	7.07	0.00009	-113.14	0.00	0.00009
-120.21	-7.07	0.00009	-127.28	-14.14	0.00008
21.21	120.21	0.00019	14.14	113.14	0.00018
7.07	106.07	0.00017	0.00	98.99	0.00017
-7.07	91.92	0.00016	-14.14	84.85	0.00015
-21.21	77.78	0.00015	-28.28	70.71	0.00014
-31.82	67.18	0.00014	-35.36	63.64	0.00013
-37.48	61.52	0.00013	-38.89	60.10	0.00013
-40.31	58.69	0.00013	-41.72	57.28	0.00013
-43.13	55.86	0.00013	-55.86	43.13	0.00012
-57.28	41.72	0.00012	-58.69	40.31	0.00012
-60.10	38.89	0.00012	-61.52	37.48	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00012	-67.18	31.82	0.00012
-70.71	28.28	0.00012	-77.78	21.21	0.00011
-84.85	14.14	0.00011	-91.92	7.07	0.00010
-98.99	0.00	0.00010	-106.07	-7.07	0.00009
-113.14	-14.14	0.00009	-120.21	-21.21	0.00009
28.28	113.14	0.00021	21.21	106.07	0.00020
14.14	98.99	0.00019	7.07	91.92	0.00018
0.00	84.85	0.00018	-7.07	77.78	0.00017
-14.14	70.71	0.00016	-21.21	63.64	0.00015
-24.75	60.10	0.00015	-28.28	56.57	0.00014
-30.41	54.45	0.00014	-31.82	53.03	0.00014
-33.23	51.62	0.00014	-34.65	50.20	0.00014
-36.06	48.79	0.00014	-48.79	36.06	0.00013
-50.20	34.65	0.00013	-51.62	33.23	0.00013
-53.03	31.82	0.00013	-54.45	30.41	0.00013
-56.57	28.28	0.00013	-60.10	24.75	0.00013
-63.64	21.21	0.00013	-70.71	14.14	0.00012
-77.78	7.07	0.00012	-84.85	0.00	0.00011
-91.92	-7.07	0.00010	-98.99	-14.14	0.00010

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	-21.21	0.00010	-113.14	-28.28	0.00009
35.36	106.07	0.00023	28.28	98.99	0.00022
21.21	91.92	0.00021	14.14	84.85	0.00020
7.07	77.78	0.00019	0.00	70.71	0.00018
-7.07	63.64	0.00018	-14.14	56.57	0.00017
-17.68	53.03	0.00016	-21.21	49.50	0.00016
-23.33	47.38	0.00016	-24.75	45.96	0.00015
-26.16	44.55	0.00015	-27.58	43.13	0.00015
-28.99	41.72	0.00015	-41.72	28.99	0.00014
-43.13	27.58	0.00014	-44.55	26.16	0.00014
-45.96	24.75	0.00014	-47.38	23.33	0.00014
-49.50	21.21	0.00014	-53.03	17.68	0.00014
-56.57	14.14	0.00014	-63.64	7.07	0.00013
-70.71	0.00	0.00012	-77.78	-7.07	0.00012
-84.85	-14.14	0.00011	-91.92	-21.21	0.00011
-98.99	-28.28	0.00010	-106.07	-35.36	0.00010
42.43	98.99	0.00026	35.36	91.92	0.00025
28.28	84.85	0.00023	21.21	77.78	0.00022
14.14	70.71	0.00021	7.07	63.64	0.00020
0.00	56.57	0.00019	-7.07	49.50	0.00018
-10.61	45.96	0.00018	-14.14	42.43	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:

PAGE 31

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00017	-17.68	38.89	0.00017
-19.09	37.48	0.00017	-20.51	36.06	0.00016
-21.92	34.65	0.00016	-34.65	21.92	0.00016
-36.06	20.51	0.00016	-37.48	19.09	0.00015
-38.89	17.68	0.00015	-40.31	16.26	0.00015
-42.43	14.14	0.00015	-45.96	10.61	0.00015
-49.50	7.07	0.00015	-56.57	0.00	0.00014
-63.64	-7.07	0.00013	-70.71	-14.14	0.00013
-77.78	-21.21	0.00012	-84.85	-28.28	0.00011
-91.92	-35.36	0.00011	-98.99	-42.43	0.00011
49.50	91.92	0.00030	42.43	84.85	0.00028
35.36	77.78	0.00026	28.28	70.71	0.00025
21.21	63.64	0.00024	14.14	56.57	0.00022

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

7.07	49.50	0.00021	0.00	42.43	0.00020
-3.54	38.89	0.00019	-7.07	35.36	0.00019
-9.19	33.23	0.00019	-10.61	31.82	0.00018
-12.02	30.41	0.00018	-13.44	28.99	0.00018
-14.85	27.58	0.00018	-27.58	14.85	0.00017
-28.99	13.44	0.00017	-30.41	12.02	0.00017
-31.82	10.61	0.00017	-33.23	9.19	0.00017
-35.36	7.07	0.00016	-38.89	3.54	0.00016
-42.43	0.00	0.00016	-49.50	-7.07	0.00015
-56.57	-14.14	0.00014	-63.64	-21.21	0.00013
-70.71	-28.28	0.00013	-77.78	-35.36	0.00012
-84.85	-42.43	0.00012	-91.92	-49.50	0.00012
56.57	84.85	0.00034	49.50	77.78	0.00032
42.43	70.71	0.00030	35.36	63.64	0.00028
28.28	56.57	0.00026	21.21	49.50	0.00025
14.14	42.43	0.00024	7.07	35.36	0.00022
3.54	31.82	0.00022	0.00	28.28	0.00021
-2.12	26.16	0.00020	-3.54	24.75	0.00020
-4.95	23.33	0.00020	-6.36	21.92	0.00020
-7.78	20.51	0.00020	-20.51	7.78	0.00019
-21.92	6.36	0.00018	-23.33	4.95	0.00018
-24.75	3.54	0.00018	-26.16	2.12	0.00018
-28.28	0.00	0.00018	-31.82	-3.54	0.00018
-35.36	-7.07	0.00017	-42.43	-14.14	0.00016
-49.50	-21.21	0.00015	-56.57	-28.28	0.00014
-63.64	-35.36	0.00014	-70.71	-42.43	0.00013
-77.78	-49.50	0.00013	-84.85	-56.57	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 32
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00039	56.57	70.71	0.00036
49.50	63.64	0.00034	42.43	56.57	0.00032
35.36	49.50	0.00030	28.28	42.43	0.00028
21.21	35.36	0.00026	14.14	28.28	0.00025
10.61	24.75	0.00024	7.07	21.21	0.00023
4.95	19.09	0.00023	3.54	17.68	0.00022
2.12	16.26	0.00022	0.71	14.85	0.00022

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-0.71	13.44	0.00022	-13.44	0.71	0.00020
-14.85	-0.71	0.00020	-16.26	-2.12	0.00020
-17.68	-3.54	0.00020	-19.09	-4.95	0.00020
-21.21	-7.07	0.00020	-24.75	-10.61	0.00019
-28.28	-14.14	0.00019	-35.36	-21.21	0.00018
-42.43	-28.28	0.00017	-49.50	-35.36	0.00016
-56.57	-42.43	0.00015	-63.64	-49.50	0.00014
-70.71	-56.57	0.00014	-77.78	-63.64	0.00014
70.71	70.71	0.00044	63.64	63.64	0.00042
56.57	56.57	0.00039	49.50	49.50	0.00036
42.43	42.43	0.00034	35.36	35.36	0.00032
28.28	28.28	0.00030	21.21	21.21	0.00028
17.68	17.68	0.00027	14.14	14.14	0.00026
12.02	12.02	0.00025	10.61	10.61	0.00025
9.19	9.19	0.00025	7.78	7.78	0.00024
6.36	6.36	0.00024	-6.36	-6.36	0.00022
-7.78	-7.78	0.00022	-9.19	-9.19	0.00022
-10.61	-10.61	0.00022	-12.02	-12.02	0.00022
-14.14	-14.14	0.00022	-17.68	-17.68	0.00021
-21.21	-21.21	0.00020	-28.28	-28.28	0.00019
-35.36	-35.36	0.00018	-42.43	-42.43	0.00017
-49.50	-49.50	0.00016	-56.57	-56.57	0.00016
-63.64	-63.64	0.00016	-70.71	-70.71	0.00016
77.78	63.64	0.00051	70.71	56.57	0.00048
63.64	49.50	0.00045	56.57	42.43	0.00042
49.50	35.36	0.00039	42.43	28.28	0.00036
35.36	21.21	0.00034	28.28	14.14	0.00031
24.75	10.61	0.00030	21.21	7.07	0.00029
19.09	4.95	0.00028	17.68	3.54	0.00028
16.26	2.12	0.00027	14.85	0.71	0.00027
13.44	-0.71	0.00027	0.71	-13.44	0.00025
-0.71	-14.85	0.00025	-2.12	-16.26	0.00025
-3.54	-17.68	0.00024	-4.95	-19.09	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00024	-10.61	-24.75	0.00023

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-14.14	-28.28	0.00022	-21.21	-35.36	0.00021
-28.28	-42.43	0.00020	-35.36	-49.50	0.00019
-42.43	-56.57	0.00018	-49.50	-63.64	0.00018
-56.57	-70.71	0.00018	-63.64	-77.78	0.00018
84.85	56.57	0.00058	77.78	49.50	0.00056
70.71	42.43	0.00053	63.64	35.36	0.00049
56.57	28.28	0.00045	49.50	21.21	0.00041
42.43	14.14	0.00038	35.36	7.07	0.00036
31.82	3.54	0.00034	28.28	0.00	0.00033
26.16	-2.12	0.00032	24.75	-3.54	0.00031
23.33	-4.95	0.00031	21.92	-6.36	0.00031
20.51	-7.78	0.00030	7.78	-20.51	0.00028
6.36	-21.92	0.00028	4.95	-23.33	0.00027
3.54	-24.75	0.00027	2.12	-26.16	0.00027
0.00	-28.28	0.00026	-3.54	-31.82	0.00026
-7.07	-35.36	0.00025	-14.14	-42.43	0.00023
-21.21	-49.50	0.00022	-28.28	-56.57	0.00020
-35.36	-63.64	0.00020	-42.43	-70.71	0.00020
-49.50	-77.78	0.00020	-56.57	-84.85	0.00021
91.92	49.50	0.00066	84.85	42.43	0.00065
77.78	35.36	0.00062	70.71	28.28	0.00058
63.64	21.21	0.00053	56.57	14.14	0.00049
49.50	7.07	0.00045	42.43	0.00	0.00041
38.89	-3.54	0.00039	35.36	-7.07	0.00038
33.23	-9.19	0.00036	31.82	-10.61	0.00036
30.41	-12.02	0.00035	28.99	-13.44	0.00035
27.58	-14.85	0.00034	14.85	-27.58	0.00031
13.44	-28.99	0.00031	12.02	-30.41	0.00031
10.61	-31.82	0.00030	9.19	-33.23	0.00030
7.07	-35.36	0.00029	3.54	-38.89	0.00028
0.00	-42.43	0.00027	-7.07	-49.50	0.00025
-14.14	-56.57	0.00024	-21.21	-63.64	0.00023
-28.28	-70.71	0.00022	-35.36	-77.78	0.00023
-42.43	-84.85	0.00023	-49.50	-91.92	0.00024
98.99	42.43	0.00075	91.92	35.36	0.00075
84.85	28.28	0.00074	77.78	21.21	0.00070
70.71	14.14	0.00064	63.64	7.07	0.00058
56.57	0.00	0.00052	49.50	-7.07	0.00048
45.96	-10.61	0.00046	42.43	-14.14	0.00043

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00042	38.89	-17.68	0.00041
37.48	-19.09	0.00040	36.06	-20.51	0.00040
34.65	-21.92	0.00039	21.92	-34.65	0.00035
20.51	-36.06	0.00035	19.09	-37.48	0.00035
17.68	-38.89	0.00034	16.26	-40.31	0.00034
14.14	-42.43	0.00033	10.61	-45.96	0.00032
7.07	-49.50	0.00030	0.00	-56.57	0.00028
-7.07	-63.64	0.00026	-14.14	-70.71	0.00026
-21.21	-77.78	0.00026	-28.28	-84.85	0.00026
-35.36	-91.92	0.00027	-42.43	-98.99	0.00027
106.07	35.36	0.00085	98.99	28.28	0.00087
91.92	21.21	0.00087	84.85	14.14	0.00084
77.78	7.07	0.00078	70.71	0.00	0.00070
63.64	-7.07	0.00063	56.57	-14.14	0.00056
53.03	-17.68	0.00054	49.50	-21.21	0.00051
47.38	-23.33	0.00049	45.96	-24.75	0.00048
44.55	-26.16	0.00047	43.13	-27.58	0.00046
41.72	-28.99	0.00045	28.99	-41.72	0.00040
27.58	-43.13	0.00040	26.16	-44.55	0.00039
24.75	-45.96	0.00039	23.33	-47.38	0.00038
21.21	-49.50	0.00037	17.68	-53.03	0.00036
14.14	-56.57	0.00034	7.07	-63.64	0.00031
0.00	-70.71	0.00030	-7.07	-77.78	0.00030
-14.14	-84.85	0.00030	-21.21	-91.92	0.00031
-28.28	-98.99	0.00031	-35.36	-106.07	0.00032
113.14	28.28	0.00094	106.07	21.21	0.00099
98.99	14.14	0.00101	91.92	7.07	0.00101
84.85	0.00	0.00096	77.78	-7.07	0.00088
70.71	-14.14	0.00077	63.64	-21.21	0.00068
60.10	-24.75	0.00064	56.57	-28.28	0.00060
54.45	-30.41	0.00058	53.03	-31.82	0.00056
51.62	-33.23	0.00055	50.20	-34.65	0.00054
48.79	-36.06	0.00052	36.06	-48.79	0.00046
34.65	-50.20	0.00045	33.23	-51.62	0.00045
31.82	-53.03	0.00044	30.41	-54.45	0.00043
28.28	-56.57	0.00042	24.75	-60.10	0.00040
21.21	-63.64	0.00038	14.14	-70.71	0.00036
7.07	-77.78	0.00035	0.00	-84.85	0.00035
-7.07	-91.92	0.00036	-14.14	-98.99	0.00036

-21.21 -106.07 0.00037 -28.28 -113.14 0.00037

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00103	113.14	14.14	0.00111
106.07	7.07	0.00117	98.99	0.00	0.00120
91.92	-7.07	0.00118	84.85	-14.14	0.00110
77.78	-21.21	0.00098	70.71	-28.28	0.00084
67.18	-31.82	0.00078	63.64	-35.36	0.00073
61.52	-37.48	0.00070	60.10	-38.89	0.00068
58.69	-40.31	0.00066	57.28	-41.72	0.00064
55.86	-43.13	0.00062	43.13	-55.86	0.00053
41.72	-57.28	0.00052	40.31	-58.69	0.00052
38.89	-60.10	0.00051	37.48	-61.52	0.00050
35.36	-63.64	0.00048	31.82	-67.18	0.00046
28.28	-70.71	0.00044	21.21	-77.78	0.00041
14.14	-84.85	0.00041	7.07	-91.92	0.00042
0.00	-98.99	0.00043	-7.07	-106.07	0.00043
-14.14	-113.14	0.00043	-21.21	-120.21	0.00043
127.28	14.14	0.00112	120.21	7.07	0.00123
113.14	0.00	0.00133	106.07	-7.07	0.00141
98.99	-14.14	0.00144	91.92	-21.21	0.00140
84.85	-28.28	0.00127	77.78	-35.36	0.00108
74.25	-38.89	0.00099	70.71	-42.43	0.00090
68.59	-44.55	0.00086	67.18	-45.96	0.00083
65.76	-47.38	0.00080	64.35	-48.79	0.00077
62.93	-50.20	0.00075	50.20	-62.93	0.00062
48.79	-64.35	0.00061	47.38	-65.76	0.00060
45.96	-67.18	0.00058	44.55	-68.59	0.00057
42.43	-70.71	0.00055	38.89	-74.25	0.00052
35.36	-77.78	0.00050	28.28	-84.85	0.00049
21.21	-91.92	0.00050	14.14	-98.99	0.00051
7.07	-106.07	0.00052	0.00	-113.14	0.00052
-7.07	-120.21	0.00051	-14.14	-127.28	0.00050
134.35	7.07	0.00119	127.28	0.00	0.00133
120.21	-7.07	0.00148	113.14	-14.14	0.00162
106.07	-21.21	0.00173	98.99	-28.28	0.00176

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

91.92	-35.36	0.00168	84.85	-42.43	0.00146
81.32	-45.96	0.00131	77.78	-49.50	0.00117
75.66	-51.62	0.00109	74.25	-53.03	0.00105
72.83	-54.45	0.00100	71.42	-55.86	0.00096
70.00	-57.28	0.00092	57.28	-70.00	0.00073
55.86	-71.42	0.00071	54.45	-72.83	0.00069
53.03	-74.25	0.00068	51.62	-75.66	0.00066

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00064	45.96	-81.32	0.00061
42.43	-84.85	0.00060	35.36	-91.92	0.00060
28.28	-98.99	0.00062	21.21	-106.07	0.00063
14.14	-113.14	0.00063	7.07	-120.21	0.00062
0.00	-127.28	0.00060	-7.07	-134.35	0.00058
141.42	0.00	0.00124	134.35	-7.07	0.00142
127.28	-14.14	0.00161	120.21	-21.21	0.00181
113.14	-28.28	0.00200	106.07	-35.36	0.00215
98.99	-42.43	0.00220	91.92	-49.50	0.00203
88.39	-53.03	0.00184	84.85	-56.57	0.00162
82.73	-58.69	0.00148	81.32	-60.10	0.00139
79.90	-61.52	0.00131	78.49	-62.93	0.00123
77.07	-64.35	0.00117	64.35	-77.07	0.00086
62.93	-78.49	0.00083	61.52	-79.90	0.00081
60.10	-81.32	0.00079	58.69	-82.73	0.00077
56.57	-84.85	0.00075	53.03	-88.39	0.00074
49.50	-91.92	0.00074	42.43	-98.99	0.00076
35.36	-106.07	0.00078	28.28	-113.14	0.00078
21.21	-120.21	0.00077	14.14	-127.28	0.00075
7.07	-134.35	0.00071	0.00	-141.42	0.00068
148.49	-7.07	0.00128	141.42	-14.14	0.00149
134.35	-21.21	0.00172	127.28	-28.28	0.00198
120.21	-35.36	0.00226	113.14	-42.43	0.00253
106.07	-49.50	0.00275	98.99	-56.57	0.00280
95.46	-60.10	0.00268	91.92	-63.64	0.00241
89.80	-65.76	0.00219	88.39	-67.18	0.00203
86.97	-68.59	0.00186	85.56	-70.00	0.00171

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

84.15	-71.42	0.00157	71.42	-84.15	0.00101
70.00	-85.56	0.00099	68.59	-86.97	0.00096
67.18	-88.39	0.00094	65.76	-89.80	0.00093
63.64	-91.92	0.00093	60.10	-95.46	0.00094
56.57	-98.99	0.00096	49.50	-106.07	0.00099
42.43	-113.14	0.00099	35.36	-120.21	0.00098
28.28	-127.28	0.00095	21.21	-134.35	0.00090
14.14	-141.42	0.00085	7.07	-148.49	0.00079
155.56	-14.14	0.00130	148.49	-21.21	0.00152
141.42	-28.28	0.00179	134.35	-35.36	0.00211
127.28	-42.43	0.00247	120.21	-49.50	0.00286
113.14	-56.57	0.00326	106.07	-63.64	0.00360
102.53	-67.18	0.00369	98.99	-70.71	0.00362

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00345	95.46	-74.25	0.00326
94.05	-75.66	0.00302	92.63	-77.07	0.00273
91.22	-78.49	0.00243	78.49	-91.22	0.00123
77.07	-92.63	0.00121	75.66	-94.05	0.00120
74.25	-95.46	0.00121	72.83	-96.87	0.00121
70.71	-98.99	0.00123	67.18	-102.53	0.00126
63.64	-106.07	0.00129	56.57	-113.14	0.00131
49.50	-120.21	0.00129	42.43	-127.28	0.00124
35.36	-134.35	0.00116	28.28	-141.42	0.00108
21.21	-148.49	0.00100	14.14	-155.56	0.00092
162.63	-21.21	0.00128	155.56	-28.28	0.00152
148.49	-35.36	0.00182	141.42	-42.43	0.00218
134.35	-49.50	0.00261	127.28	-56.57	0.00311
120.21	-63.64	0.00367	113.14	-70.71	0.00426
109.60	-74.25	0.00456	106.07	-77.78	0.00479
103.94	-79.90	0.00486	102.53	-81.32	0.00486
101.12	-82.73	0.00482	99.70	-84.15	0.00468
98.29	-85.56	0.00440	85.56	-98.29	0.00172
84.15	-99.70	0.00173	82.73	-101.12	0.00174
81.32	-102.53	0.00175	79.90	-103.94	0.00176
77.78	-106.07	0.00178	74.25	-109.60	0.00179

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

70.71	-113.14	0.00179	63.64	-120.21	0.00175
56.57	-127.28	0.00166	49.50	-134.35	0.00154
42.43	-141.42	0.00141	35.36	-148.49	0.00128
28.28	-155.56	0.00116	21.21	-162.63	0.00105
169.71	-28.28	0.00125	162.63	-35.36	0.00149
155.56	-42.43	0.00180	148.49	-49.50	0.00219
141.42	-56.57	0.00267	134.35	-63.64	0.00325
127.28	-70.71	0.00393	120.21	-77.78	0.00469
116.67	-81.32	0.00510	113.14	-84.85	0.00548
111.02	-86.97	0.00566	109.60	-88.39	0.00575
108.19	-89.80	0.00581	106.77	-91.22	0.00589
105.36	-92.63	0.00589	92.63	-105.36	0.00322
91.22	-106.77	0.00303	89.80	-108.19	0.00290
88.39	-109.60	0.00280	86.97	-111.02	0.00273
84.85	-113.14	0.00265	81.32	-116.67	0.00254
77.78	-120.21	0.00246	70.71	-127.28	0.00228
63.64	-134.35	0.00209	56.57	-141.42	0.00188
49.50	-148.49	0.00168	42.43	-155.56	0.00150
35.36	-162.63	0.00133	28.28	-169.71	0.00119

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00119	169.71	-42.43	0.00143
162.63	-49.50	0.00173	155.56	-56.57	0.00213
148.49	-63.64	0.00263	141.42	-70.71	0.00326
134.35	-77.78	0.00402	127.28	-84.85	0.00487
123.74	-88.39	0.00531	120.21	-91.92	0.00574
118.09	-94.05	0.00594	116.67	-95.46	0.00603
115.26	-96.87	0.00608	113.84	-98.29	0.00612
112.43	-99.70	0.00613	99.70	-112.43	0.00405
98.29	-113.84	0.00392	96.87	-115.26	0.00382
95.46	-116.67	0.00372	94.05	-118.09	0.00364
91.92	-120.21	0.00352	88.39	-123.74	0.00335
84.85	-127.28	0.00318	77.78	-134.35	0.00285
70.71	-141.42	0.00253	63.64	-148.49	0.00223
56.57	-155.56	0.00195	49.50	-162.63	0.00171
42.43	-169.71	0.00150	35.36	-176.78	0.00133

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

183.85	-42.43	0.00111	176.78	-49.50	0.00133
169.71	-56.57	0.00162	162.63	-63.64	0.00200
155.56	-70.71	0.00250	148.49	-77.78	0.00315
141.42	-84.85	0.00395	134.35	-91.92	0.00487
130.81	-95.46	0.00533	127.28	-98.99	0.00577
125.16	-101.12	0.00599	123.74	-102.53	0.00609
122.33	-103.94	0.00614	120.92	-105.36	0.00616
119.50	-106.77	0.00618	106.77	-119.50	0.00435
105.36	-120.92	0.00426	103.94	-122.33	0.00420
102.53	-123.74	0.00415	101.12	-125.16	0.00410
98.99	-127.28	0.00402	95.46	-130.81	0.00388
91.92	-134.35	0.00372	84.85	-141.42	0.00335
77.78	-148.49	0.00294	70.71	-155.56	0.00255
63.64	-162.63	0.00220	56.57	-169.71	0.00191
49.50	-176.78	0.00166	42.43	-183.85	0.00145
190.92	-49.50	0.00102	183.85	-56.57	0.00122
176.78	-63.64	0.00148	169.71	-70.71	0.00182
162.63	-77.78	0.00229	155.56	-84.85	0.00292
148.49	-91.92	0.00374	141.42	-98.99	0.00472
137.89	-102.53	0.00522	134.35	-106.07	0.00567
132.23	-108.19	0.00591	130.81	-109.60	0.00602
129.40	-111.02	0.00610	127.99	-112.43	0.00613
126.57	-113.84	0.00615	113.84	-126.57	0.00447
112.43	-127.99	0.00441	111.02	-129.40	0.00437
109.60	-130.81	0.00434	108.19	-132.23	0.00431

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00427	102.53	-137.89	0.00418
98.99	-141.42	0.00404	91.92	-148.49	0.00367
84.85	-155.56	0.00324	77.78	-162.63	0.00280
70.71	-169.71	0.00241	63.64	-176.78	0.00208
56.57	-183.85	0.00180	49.50	-190.92	0.00156
197.99	-56.57	0.00092	190.92	-63.64	0.00110
183.85	-70.71	0.00132	176.78	-77.78	0.00162
169.71	-84.85	0.00202	162.63	-91.92	0.00258
155.56	-98.99	0.00337	148.49	-106.07	0.00439

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

144.96	-109.60	0.00495	141.42	-113.14	0.00547
139.30	-115.26	0.00572	137.89	-116.67	0.00586
136.47	-118.09	0.00596	135.06	-119.50	0.00601
133.64	-120.92	0.00604	120.92	-133.64	0.00452
119.50	-135.06	0.00446	118.09	-136.47	0.00443
116.67	-137.89	0.00441	115.26	-139.30	0.00440
113.14	-141.42	0.00438	109.60	-144.96	0.00432
106.07	-148.49	0.00420	98.99	-155.56	0.00383
91.92	-162.63	0.00339	84.85	-169.71	0.00295
77.78	-176.78	0.00255	70.71	-183.85	0.00220
63.64	-190.92	0.00190	56.57	-197.99	0.00165
205.06	-63.64	0.00082	197.99	-70.71	0.00097
190.92	-77.78	0.00116	183.85	-84.85	0.00140
176.78	-91.92	0.00173	169.71	-98.99	0.00219
162.63	-106.07	0.00286	155.56	-113.14	0.00383
152.03	-116.67	0.00443	148.49	-120.21	0.00505
146.37	-122.33	0.00538	144.96	-123.74	0.00555
143.54	-125.16	0.00569	142.13	-126.57	0.00578
140.71	-127.99	0.00582	127.99	-140.71	0.00449
126.57	-142.13	0.00444	125.16	-143.54	0.00442
123.74	-144.96	0.00441	122.33	-146.37	0.00441
120.21	-148.49	0.00439	116.67	-152.03	0.00433
113.14	-155.56	0.00422	106.07	-162.63	0.00386
98.99	-169.71	0.00343	91.92	-176.78	0.00300
84.85	-183.85	0.00260	77.78	-190.92	0.00225
70.71	-197.99	0.00195	63.64	-205.06	0.00169
212.13	-70.71	0.00072	205.06	-77.78	0.00083
197.99	-84.85	0.00098	190.92	-91.92	0.00118
183.85	-98.99	0.00144	176.78	-106.07	0.00178
169.71	-113.14	0.00228	162.63	-120.21	0.00305
159.10	-123.74	0.00360	155.56	-127.28	0.00427

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00468	152.03	-130.81	0.00494
150.61	-132.23	0.00515	149.20	-133.64	0.00532
147.79	-135.06	0.00544	135.06	-147.79	0.00440

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-149.20	0.00435	132.23	-150.61	0.00434
130.81	-152.03	0.00433	129.40	-153.44	0.00432
127.28	-155.56	0.00430	123.74	-159.10	0.00422
120.21	-162.63	0.00410	113.14	-169.71	0.00376
106.07	-176.78	0.00335	98.99	-183.85	0.00294
91.92	-190.92	0.00256	84.85	-197.99	0.00223
77.78	-205.06	0.00194	70.71	-212.13	0.00169
219.20	-77.78	0.00061	212.13	-84.85	0.00071
205.06	-91.92	0.00082	197.99	-98.99	0.00097
190.92	-106.07	0.00115	183.85	-113.14	0.00140
176.78	-120.21	0.00173	169.71	-127.28	0.00222
166.17	-130.81	0.00257	162.63	-134.35	0.00304
160.51	-136.47	0.00341	159.10	-137.89	0.00369
157.68	-139.30	0.00399	156.27	-140.71	0.00430
154.86	-142.13	0.00458	142.13	-154.86	0.00423
140.71	-156.27	0.00417	139.30	-157.68	0.00414
137.89	-159.10	0.00411	136.47	-160.51	0.00409
134.35	-162.63	0.00404	130.81	-166.17	0.00395
127.28	-169.71	0.00384	120.21	-176.78	0.00352
113.14	-183.85	0.00315	106.07	-190.92	0.00278
98.99	-197.99	0.00244	91.92	-205.06	0.00214
84.85	-212.13	0.00188	77.78	-219.20	0.00165
226.27	-84.85	0.00052	219.20	-91.92	0.00059
212.13	-98.99	0.00068	205.06	-106.07	0.00078
197.99	-113.14	0.00090	190.92	-120.21	0.00105
183.85	-127.28	0.00125	176.78	-134.35	0.00150
173.24	-137.89	0.00166	169.71	-141.42	0.00184
167.58	-143.54	0.00198	166.17	-144.96	0.00208
164.76	-146.37	0.00221	163.34	-147.79	0.00237
161.93	-149.20	0.00260	149.20	-161.93	0.00375
147.79	-163.34	0.00367	146.37	-164.76	0.00362
144.96	-166.17	0.00358	143.54	-167.58	0.00356
141.42	-169.71	0.00352	137.89	-173.24	0.00346
134.35	-176.78	0.00337	127.28	-183.85	0.00314
120.21	-190.92	0.00285	113.14	-197.99	0.00254
106.07	-205.06	0.00226	98.99	-212.13	0.00200
91.92	-219.20	0.00177	84.85	-226.27	0.00157

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00044	226.27	-98.99	0.00049
219.20	-106.07	0.00055	212.13	-113.14	0.00062
205.06	-120.21	0.00070	197.99	-127.28	0.00079
190.92	-134.35	0.00088	183.85	-141.42	0.00099
180.31	-144.96	0.00104	176.78	-148.49	0.00109
174.66	-150.61	0.00111	173.24	-152.03	0.00112
171.83	-153.44	0.00114	170.41	-154.86	0.00115
169.00	-156.27	0.00116	156.27	-169.00	0.00223
154.86	-170.41	0.00236	153.44	-171.83	0.00245
152.03	-173.24	0.00253	150.61	-174.66	0.00259
148.49	-176.78	0.00266	144.96	-180.31	0.00271
141.42	-183.85	0.00271	134.35	-190.92	0.00262
127.28	-197.99	0.00245	120.21	-205.06	0.00224
113.14	-212.13	0.00202	106.07	-219.20	0.00182
98.99	-226.27	0.00163	91.92	-233.35	0.00147
240.42	-98.99	0.00037	233.35	-106.07	0.00041
226.27	-113.14	0.00045	219.20	-120.21	0.00049
212.13	-127.28	0.00054	205.06	-134.35	0.00059
197.99	-141.42	0.00064	190.92	-148.49	0.00069
187.38	-152.03	0.00071	183.85	-155.56	0.00074
181.73	-157.68	0.00075	180.31	-159.10	0.00077
178.90	-160.51	0.00079	177.48	-161.93	0.00081
176.07	-163.34	0.00084	163.34	-176.07	0.00135
161.93	-177.48	0.00143	160.51	-178.90	0.00150
159.10	-180.31	0.00158	157.68	-181.73	0.00166
155.56	-183.85	0.00176	152.03	-187.38	0.00190
148.49	-190.92	0.00198	141.42	-197.99	0.00205
134.35	-205.06	0.00200	127.28	-212.13	0.00189
120.21	-219.20	0.00175	113.14	-226.27	0.00161
106.07	-233.35	0.00147	98.99	-240.42	0.00134
247.49	-106.07	0.00031	240.42	-113.14	0.00034
233.35	-120.21	0.00037	226.27	-127.28	0.00040
219.20	-134.35	0.00043	212.13	-141.42	0.00046
205.06	-148.49	0.00049	197.99	-155.56	0.00052
194.45	-159.10	0.00054	190.92	-162.63	0.00057
188.80	-164.76	0.00059	187.38	-166.17	0.00061
185.97	-167.58	0.00063	184.55	-169.00	0.00065
183.14	-170.41	0.00068	170.41	-183.14	0.00100
169.00	-184.55	0.00103	167.58	-185.97	0.00107
166.17	-187.38	0.00111	164.76	-188.80	0.00115

04/20/08

*** Maximum train overlap at SE/NW Bound Direction

18:33:00

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00122	159.10	-194.45	0.00132
155.56	-197.99	0.00141	148.49	-205.06	0.00153
141.42	-212.13	0.00156	134.35	-219.20	0.00154
127.28	-226.27	0.00147	120.21	-233.35	0.00138
113.14	-240.42	0.00129	106.07	-247.49	0.00120

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:33:00

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00009	-113.14	240.42	0.00009
-120.21	233.35	0.00009	-127.28	226.27	0.00009
-134.35	219.20	0.00008	-141.42	212.13	0.00008
-148.49	205.06	0.00008	-155.56	197.99	0.00008
-159.10	194.45	0.00007	-162.63	190.92	0.00007
-164.76	188.80	0.00007	-166.17	187.38	0.00007
-167.58	185.97	0.00007	-169.00	184.55	0.00007
-170.41	183.14	0.00007	-183.14	170.41	0.00007
-184.55	169.00	0.00007	-185.97	167.58	0.00007
-187.38	166.17	0.00007	-188.80	164.76	0.00007
-190.92	162.63	0.00007	-194.45	159.10	0.00007
-197.99	155.56	0.00007	-205.06	148.49	0.00007
-212.13	141.42	0.00007	-219.20	134.35	0.00006
-226.27	127.28	0.00006	-233.35	120.21	0.00006
-240.42	113.14	0.00006	-247.49	106.07	0.00006
-98.99	240.42	0.00010	-106.07	233.35	0.00010
-113.14	226.27	0.00010	-120.21	219.20	0.00009
-127.28	212.13	0.00009	-134.35	205.06	0.00009
-141.42	197.99	0.00008	-148.49	190.92	0.00008
-152.03	187.38	0.00008	-155.56	183.85	0.00008

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-157.68	181.73	0.00008	-159.10	180.31	0.00008
-160.51	178.90	0.00008	-161.93	177.48	0.00008
-163.34	176.07	0.00008	-176.07	163.34	0.00007
-177.48	161.93	0.00007	-178.90	160.51	0.00007
-180.31	159.10	0.00007	-181.73	157.68	0.00007
-183.85	155.56	0.00007	-187.38	152.03	0.00007
-190.92	148.49	0.00007	-197.99	141.42	0.00007
-205.06	134.35	0.00007	-212.13	127.28	0.00007
-219.20	120.21	0.00006	-226.27	113.14	0.00006
-233.35	106.07	0.00006	-240.42	98.99	0.00006
-91.92	233.35	0.00011	-99.00	226.27	0.00010
-106.07	219.20	0.00010	-113.14	212.13	0.00010
-120.21	205.06	0.00010	-127.28	197.99	0.00009
-134.35	190.92	0.00009	-141.42	183.85	0.00009
-144.96	180.31	0.00008	-148.49	176.78	0.00008
-150.61	174.66	0.00008	-152.03	173.24	0.00008
-153.44	171.83	0.00008	-154.86	170.41	0.00008
-156.27	169.00	0.00008	-169.00	156.27	0.00008
-170.41	154.86	0.00008	-171.83	153.44	0.00008
-173.24	152.03	0.00008	-174.66	150.61	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00008	-180.31	144.96	0.00008
-183.85	141.42	0.00008	-190.92	134.35	0.00007
-197.99	127.28	0.00007	-205.06	120.21	0.00007
-212.13	113.14	0.00007	-219.20	106.07	0.00006
-226.27	98.99	0.00006	-233.35	91.92	0.00006
-84.85	226.27	0.00012	-91.92	219.20	0.00011
-99.00	212.13	0.00011	-106.07	205.06	0.00011
-113.14	197.99	0.00010	-120.21	190.92	0.00010
-127.28	183.85	0.00010	-134.35	176.78	0.00009
-137.89	173.24	0.00009	-141.42	169.71	0.00009
-143.54	167.58	0.00009	-144.96	166.17	0.00009
-146.37	164.76	0.00009	-147.79	163.34	0.00009
-149.20	161.93	0.00009	-161.93	149.20	0.00008
-163.34	147.79	0.00008	-164.76	146.37	0.00008

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-166.17	144.96	0.00008	-167.58	143.54	0.00008
-169.71	141.42	0.00008	-173.24	137.89	0.00008
-176.78	134.35	0.00008	-183.85	127.28	0.00008
-190.92	120.21	0.00008	-197.99	113.14	0.00007
-205.06	106.07	0.00007	-212.13	98.99	0.00007
-219.20	91.92	0.00007	-226.27	84.85	0.00006
-77.78	219.20	0.00012	-84.85	212.13	0.00012
-91.92	205.06	0.00012	-99.00	197.99	0.00011
-106.07	190.92	0.00011	-113.14	183.85	0.00011
-120.21	176.78	0.00010	-127.28	169.71	0.00010
-130.81	166.17	0.00010	-134.35	162.63	0.00009
-136.47	160.51	0.00009	-137.89	159.10	0.00009
-139.30	157.68	0.00009	-140.71	156.27	0.00009
-142.13	154.86	0.00009	-154.86	142.13	0.00009
-156.27	140.71	0.00009	-157.68	139.30	0.00009
-159.10	137.89	0.00009	-160.51	136.47	0.00009
-162.63	134.35	0.00009	-166.17	130.81	0.00009
-169.71	127.28	0.00009	-176.78	120.21	0.00008
-183.85	113.14	0.00008	-190.92	106.07	0.00008
-197.99	98.99	0.00007	-205.06	91.92	0.00007
-212.13	84.85	0.00007	-219.20	77.78	0.00007
-70.71	212.13	0.00013	-77.78	205.06	0.00013
-84.85	197.99	0.00013	-91.92	190.92	0.00012
-98.99	183.85	0.00012	-106.07	176.78	0.00011
-113.14	169.71	0.00011	-120.21	162.63	0.00010
-123.74	159.10	0.00010	-127.28	155.56	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00010	-130.81	152.03	0.00010
-132.23	150.61	0.00010	-133.64	149.20	0.00010
-135.06	147.79	0.00010	-147.79	135.06	0.00009
-149.20	133.64	0.00009	-150.61	132.23	0.00009
-152.03	130.81	0.00009	-153.44	129.40	0.00009
-155.56	127.28	0.00009	-159.10	123.74	0.00009
-162.63	120.21	0.00009	-169.71	113.14	0.00009
-176.78	106.07	0.00008	-183.85	98.99	0.00008

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	91.92	0.00008	-197.99	84.85	0.00008
-205.06	77.78	0.00007	-212.13	70.71	0.00007
-63.64	205.06	0.00014	-70.71	197.99	0.00014
-77.78	190.92	0.00014	-84.85	183.85	0.00013
-91.92	176.78	0.00013	-98.99	169.71	0.00012
-106.07	162.63	0.00012	-113.14	155.56	0.00011
-116.67	152.03	0.00011	-120.21	148.49	0.00011
-122.33	146.37	0.00011	-123.74	144.96	0.00011
-125.16	143.54	0.00010	-126.57	142.13	0.00010
-127.99	140.71	0.00010	-140.71	127.99	0.00010
-142.13	126.57	0.00010	-143.54	125.16	0.00010
-144.96	123.74	0.00010	-146.37	122.33	0.00010
-148.49	120.21	0.00010	-152.03	116.67	0.00010
-155.56	113.14	0.00010	-162.63	106.07	0.00009
-169.71	98.99	0.00009	-176.78	91.92	0.00009
-183.85	84.85	0.00008	-190.92	77.78	0.00008
-197.99	70.71	0.00008	-205.06	63.64	0.00007
-56.57	197.99	0.00016	-63.64	190.92	0.00015
-70.71	183.85	0.00015	-77.78	176.78	0.00014
-84.85	169.71	0.00014	-91.92	162.63	0.00013
-98.99	155.56	0.00013	-106.07	148.49	0.00012
-109.60	144.96	0.00012	-113.14	141.42	0.00012
-115.26	139.30	0.00011	-116.67	137.89	0.00011
-118.09	136.47	0.00011	-119.50	135.06	0.00011
-120.92	133.64	0.00011	-133.64	120.92	0.00011
-135.06	119.50	0.00011	-136.47	118.09	0.00011
-137.89	116.67	0.00011	-139.30	115.26	0.00011
-141.42	113.14	0.00011	-144.96	109.60	0.00010
-148.49	106.07	0.00010	-155.56	98.99	0.00010
-162.63	91.92	0.00010	-169.71	84.85	0.00009
-176.78	77.78	0.00009	-183.85	70.71	0.00008
-190.92	63.64	0.00008	-197.99	56.57	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTS:
 PAGE 46
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00017	-56.57	183.85	0.00017
-63.64	176.78	0.00016	-70.71	169.71	0.00015

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	162.63	0.00015	-84.85	155.56	0.00014
-91.92	148.49	0.00014	-98.99	141.42	0.00013
-102.53	137.89	0.00013	-106.07	134.35	0.00012
-108.19	132.23	0.00012	-109.60	130.81	0.00012
-111.02	129.40	0.00012	-112.43	127.99	0.00012
-113.84	126.57	0.00012	-126.57	113.84	0.00011
-127.99	112.43	0.00011	-129.40	111.02	0.00011
-130.81	109.60	0.00011	-132.23	108.19	0.00011
-134.35	106.07	0.00011	-137.89	102.53	0.00011
-141.42	98.99	0.00011	-148.49	91.92	0.00011
-155.56	84.85	0.00010	-162.63	77.78	0.00010
-169.71	70.71	0.00009	-176.78	63.64	0.00009
-183.85	56.57	0.00009	-190.92	49.50	0.00008
-42.43	183.85	0.00019	-49.50	176.78	0.00018
-56.57	169.71	0.00017	-63.64	162.63	0.00017
-70.71	155.56	0.00016	-77.78	148.49	0.00015
-84.85	141.42	0.00015	-91.92	134.35	0.00014
-95.46	130.81	0.00014	-98.99	127.28	0.00013
-101.12	125.16	0.00013	-102.53	123.74	0.00013
-103.94	122.33	0.00013	-105.36	120.92	0.00013
-106.77	119.50	0.00013	-119.50	106.77	0.00012
-120.92	105.36	0.00012	-122.33	103.94	0.00012
-123.74	102.53	0.00012	-125.16	101.12	0.00012
-127.28	98.99	0.00012	-130.81	95.46	0.00012
-134.35	91.92	0.00012	-141.42	84.85	0.00011
-148.49	77.78	0.00011	-155.56	70.71	0.00010
-162.63	63.64	0.00010	-169.71	56.57	0.00009
-176.78	49.50	0.00009	-183.85	42.43	0.00009
-35.36	176.78	0.00021	-42.43	169.71	0.00020
-49.50	162.63	0.00019	-56.57	155.56	0.00018
-63.64	148.49	0.00018	-70.71	141.42	0.00017
-77.78	134.35	0.00016	-84.85	127.28	0.00015
-88.39	123.74	0.00015	-91.92	120.21	0.00014
-94.05	118.09	0.00014	-95.46	116.67	0.00014
-96.87	115.26	0.00014	-98.29	113.84	0.00014
-99.70	112.43	0.00014	-112.43	99.70	0.00013
-113.84	98.29	0.00013	-115.26	96.87	0.00013
-116.67	95.46	0.00013	-118.09	94.05	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-120.21	91.92	0.00013	-123.74	88.39	0.00013	
-127.28	84.85	0.00013	-134.35	77.78	0.00012	
-141.42	70.71	0.00012	-148.49	63.64	0.00011	
-155.56	56.57	0.00010	-162.63	49.50	0.00010	
-169.71	42.43	0.00010	-176.78	35.36	0.00009	
-28.28	169.71	0.00023	-35.36	162.63	0.00022	
-42.43	155.56	0.00021	-49.50	148.49	0.00020	
-56.57	141.42	0.00019	-63.64	134.35	0.00018	
-70.71	127.28	0.00018	-77.78	120.21	0.00017	
-81.32	116.67	0.00016	-84.85	113.14	0.00016	
-86.97	111.02	0.00016	-88.39	109.60	0.00015	
-89.80	108.19	0.00015	-91.22	106.77	0.00015	
-92.63	105.36	0.00015	-105.36	92.63	0.00014	
-106.77	91.22	0.00014	-108.19	89.80	0.00014	
-109.60	88.39	0.00014	-111.02	86.97	0.00014	
-113.14	84.85	0.00014	-116.67	81.32	0.00014	
-120.21	77.78	0.00014	-127.28	70.71	0.00013	
-134.35	63.64	0.00012	-141.42	56.57	0.00012	
-148.49	49.50	0.00011	-155.56	42.43	0.00011	
-162.63	35.36	0.00010	-169.71	28.28	0.00010	
-21.21	162.63	0.00026	-28.28	155.56	0.00025	
-35.36	148.49	0.00023	-42.43	141.42	0.00022	
-49.50	134.35	0.00021	-56.57	127.28	0.00020	
-63.64	120.21	0.00019	-70.71	113.14	0.00018	
-74.25	109.60	0.00018	-77.78	106.07	0.00017	
-79.90	103.94	0.00017	-81.32	102.53	0.00017	
-82.73	101.12	0.00017	-84.15	99.70	0.00016	
-85.56	98.29	0.00016	-98.29	85.56	0.00016	
-99.70	84.15	0.00016	-101.12	82.73	0.00015	
-102.53	81.32	0.00015	-103.94	79.90	0.00015	
-106.07	77.78	0.00015	-109.60	74.25	0.00015	
-113.14	70.71	0.00015	-120.21	63.64	0.00014	
-127.28	56.57	0.00013	-134.35	49.50	0.00013	
-141.42	42.43	0.00012	-148.49	35.36	0.00011	
-155.56	28.28	0.00011	-162.63	21.21	0.00011	
-14.14	155.56	0.00030	-21.21	148.49	0.00028	
-28.28	141.42	0.00026	-35.36	134.35	0.00025	
-42.43	127.28	0.00024	-49.50	120.21	0.00022	
-56.57	113.14	0.00021	-63.64	106.07	0.00020	
-67.18	102.53	0.00019	-70.71	98.99	0.00019	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

18:33:00

**MODELOPTS:

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*** Maximum train overlap at SE/NW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00019	-74.25	95.46	0.00018
-75.66	94.05	0.00018	-77.07	92.63	0.00018
-78.49	91.22	0.00018	-91.22	78.49	0.00017
-92.63	77.07	0.00017	-94.05	75.66	0.00017
-95.46	74.25	0.00017	-96.87	72.83	0.00017
-98.99	70.71	0.00016	-102.53	67.18	0.00016
-106.07	63.64	0.00016	-113.14	56.57	0.00015
-120.21	49.50	0.00014	-127.28	42.43	0.00013
-134.35	35.36	0.00013	-141.42	28.28	0.00012
-148.49	21.21	0.00012	-155.56	14.14	0.00012
-7.07	148.49	0.00034	-14.14	141.42	0.00032
-21.21	134.35	0.00030	-28.28	127.28	0.00028
-35.36	120.21	0.00026	-42.43	113.14	0.00025
-49.50	106.07	0.00024	-56.57	98.99	0.00022
-60.10	95.46	0.00022	-63.64	91.92	0.00021
-65.76	89.80	0.00020	-67.18	88.39	0.00020
-68.59	86.97	0.00020	-70.00	85.56	0.00020
-71.42	84.15	0.00020	-84.15	71.42	0.00019
-85.56	70.00	0.00018	-86.97	68.59	0.00018
-88.39	67.18	0.00018	-89.80	65.76	0.00018
-91.92	63.64	0.00018	-95.46	60.10	0.00018
-98.99	56.57	0.00017	-106.07	49.50	0.00016
-113.14	42.43	0.00015	-120.21	35.36	0.00014
-127.28	28.28	0.00014	-134.35	21.21	0.00013
-141.42	14.14	0.00013	-148.49	7.07	0.00013
0.00	141.42	0.00039	-7.07	134.35	0.00036
-14.14	127.28	0.00034	-21.21	120.21	0.00032
-28.28	113.14	0.00030	-35.36	106.07	0.00028
-42.43	98.99	0.00026	-49.50	91.92	0.00025
-53.03	88.39	0.00024	-56.57	84.85	0.00023
-58.69	82.73	0.00023	-60.10	81.32	0.00022
-61.52	79.90	0.00022	-62.93	78.49	0.00022
-64.35	77.07	0.00022	-77.07	64.35	0.00020
-78.49	62.93	0.00020	-79.90	61.52	0.00020

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-81.32	60.10	0.00020	-82.73	58.69	0.00020
-84.85	56.57	0.00020	-88.39	53.03	0.00019
-91.92	49.50	0.00019	-98.99	42.43	0.00018
-106.07	35.36	0.00017	-113.14	28.28	0.00016
-120.21	21.21	0.00015	-127.28	14.14	0.00014
-134.35	7.07	0.00014	-141.42	0.00	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 49
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00044	0.00	127.28	0.00042
-7.07	120.21	0.00039	-14.14	113.14	0.00036
-21.21	106.07	0.00034	-28.28	98.99	0.00032
-35.36	91.92	0.00030	-42.43	84.85	0.00028
-45.96	81.32	0.00027	-49.50	77.78	0.00026
-51.62	75.66	0.00025	-53.03	74.25	0.00025
-54.45	72.83	0.00025	-55.86	71.42	0.00024
-57.28	70.00	0.00024	-70.00	57.28	0.00022
-71.42	55.86	0.00022	-72.83	54.45	0.00022
-74.25	53.03	0.00022	-75.66	51.62	0.00022
-77.78	49.50	0.00022	-81.32	45.96	0.00021
-84.85	42.43	0.00020	-91.92	35.36	0.00019
-98.99	28.28	0.00018	-106.07	21.21	0.00017
-113.14	14.14	0.00016	-120.21	7.07	0.00016
-127.28	0.00	0.00016	-134.35	-7.07	0.00016
14.14	127.28	0.00051	7.07	120.21	0.00048
0.00	113.14	0.00045	-7.07	106.07	0.00042
-14.14	98.99	0.00039	-21.21	91.92	0.00036
-28.28	84.85	0.00034	-35.36	77.78	0.00031
-38.89	74.25	0.00030	-42.43	70.71	0.00029
-44.55	68.59	0.00028	-45.96	67.18	0.00028
-47.38	65.76	0.00027	-48.79	64.35	0.00027
-50.20	62.93	0.00027	-62.93	50.20	0.00025
-64.35	48.79	0.00025	-65.76	47.38	0.00025
-67.18	45.96	0.00024	-68.59	44.55	0.00024
-70.71	42.43	0.00024	-74.25	38.89	0.00023
-77.78	35.36	0.00022	-84.85	28.28	0.00021
-91.92	21.21	0.00020	-98.99	14.14	0.00019

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	7.07	0.00018	-113.14	0.00	0.00018
-120.21	-7.07	0.00018	-127.28	-14.14	0.00018
21.21	120.21	0.00058	14.14	113.14	0.00056
7.07	106.07	0.00053	0.00	98.99	0.00049
-7.07	91.92	0.00045	-14.14	84.85	0.00041
-21.21	77.78	0.00038	-28.28	70.71	0.00036
-31.82	67.18	0.00034	-35.36	63.64	0.00033
-37.48	61.52	0.00032	-38.89	60.10	0.00031
-40.31	58.69	0.00031	-41.72	57.28	0.00031
-43.13	55.86	0.00030	-55.86	43.13	0.00028
-57.28	41.72	0.00028	-58.69	40.31	0.00027
-60.10	38.89	0.00027	-61.52	37.48	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 50

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00026	-67.18	31.82	0.00026
-70.71	28.28	0.00025	-77.78	21.21	0.00023
-84.85	14.14	0.00022	-91.92	7.07	0.00020
-98.99	0.00	0.00020	-106.07	-7.07	0.00020
-113.14	-14.14	0.00020	-120.21	-21.21	0.00021
28.28	113.14	0.00066	21.21	106.07	0.00065
14.14	98.99	0.00062	7.07	91.92	0.00058
0.00	84.85	0.00053	-7.07	77.78	0.00049
-14.14	70.71	0.00045	-21.21	63.64	0.00041
-24.75	60.10	0.00039	-28.28	56.57	0.00038
-30.41	54.45	0.00036	-31.82	53.03	0.00036
-33.23	51.62	0.00035	-34.65	50.20	0.00035
-36.06	48.79	0.00034	-48.79	36.06	0.00031
-50.20	34.65	0.00031	-51.62	33.23	0.00031
-53.03	31.82	0.00030	-54.45	30.41	0.00030
-56.57	28.28	0.00029	-60.10	24.75	0.00028
-63.64	21.21	0.00027	-70.71	14.14	0.00025
-77.78	7.07	0.00024	-84.85	0.00	0.00023
-91.92	-7.07	0.00022	-98.99	-14.14	0.00023
-106.07	-21.21	0.00023	-113.14	-28.28	0.00024
35.36	106.07	0.00075	28.28	98.99	0.00075
21.21	91.92	0.00074	14.14	84.85	0.00070

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

7.07	77.78	0.00064	0.00	70.71	0.00058
-7.07	63.64	0.00052	-14.14	56.57	0.00048
-17.68	53.03	0.00046	-21.21	49.50	0.00043
-23.33	47.38	0.00042	-24.75	45.96	0.00041
-26.16	44.55	0.00040	-27.58	43.13	0.00040
-28.99	41.72	0.00039	-41.72	28.99	0.00035
-43.13	27.58	0.00035	-44.55	26.16	0.00035
-45.96	24.75	0.00034	-47.38	23.33	0.00034
-49.50	21.21	0.00033	-53.03	17.68	0.00032
-56.57	14.14	0.00030	-63.64	7.07	0.00028
-70.71	0.00	0.00026	-77.78	-7.07	0.00026
-84.85	-14.14	0.00026	-91.92	-21.21	0.00026
-98.99	-28.28	0.00027	-106.07	-35.36	0.00027
42.43	98.99	0.00085	35.36	91.92	0.00087
28.28	84.85	0.00087	21.21	77.78	0.00084
14.14	70.71	0.00078	7.07	63.64	0.00070
0.00	56.57	0.00063	-7.07	49.50	0.00056
-10.61	45.96	0.00054	-14.14	42.43	0.00051

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 51
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00049	-17.68	38.89	0.00048
-19.09	37.48	0.00047	-20.51	36.06	0.00046
-21.92	34.65	0.00045	-34.65	21.92	0.00040
-36.06	20.51	0.00040	-37.48	19.09	0.00039
-38.89	17.68	0.00039	-40.31	16.26	0.00038
-42.43	14.14	0.00037	-45.96	10.61	0.00036
-49.50	7.07	0.00034	-56.57	0.00	0.00031
-63.64	-7.07	0.00030	-70.71	-14.14	0.00030
-77.78	-21.21	0.00030	-84.85	-28.28	0.00031
-91.92	-35.36	0.00031	-98.99	-42.43	0.00032
49.50	91.92	0.00094	42.43	84.85	0.00099
35.36	77.78	0.00101	28.28	70.71	0.00101
21.21	63.64	0.00096	14.14	56.57	0.00088
7.07	49.50	0.00077	0.00	42.43	0.00068
-3.54	38.89	0.00064	-7.07	35.36	0.00060
-9.19	33.23	0.00058	-10.61	31.82	0.00056

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-12.02	30.41	0.00055	-13.44	28.99	0.00054
-14.85	27.58	0.00052	-27.58	14.85	0.00046
-28.99	13.44	0.00045	-30.41	12.02	0.00045
-31.82	10.61	0.00044	-33.23	9.19	0.00043
-35.36	7.07	0.00042	-38.89	3.54	0.00040
-42.43	0.00	0.00038	-49.50	-7.07	0.00036
-56.57	-14.14	0.00035	-63.64	-21.21	0.00035
-70.71	-28.28	0.00036	-77.78	-35.36	0.00036
-84.85	-42.43	0.00037	-91.92	-49.50	0.00037
56.57	84.85	0.00103	49.50	77.78	0.00111
42.43	70.71	0.00117	35.36	63.64	0.00120
28.28	56.57	0.00118	21.21	49.50	0.00110
14.14	42.43	0.00098	7.07	35.36	0.00084
3.54	31.82	0.00078	0.00	28.28	0.00073
-2.12	26.16	0.00070	-3.54	24.75	0.00068
-4.95	23.33	0.00066	-6.36	21.92	0.00064
-7.78	20.51	0.00062	-20.51	7.78	0.00053
-21.92	6.36	0.00052	-23.33	4.95	0.00052
-24.75	3.54	0.00051	-26.16	2.12	0.00050
-28.28	0.00	0.00048	-31.82	-3.54	0.00046
-35.36	-7.07	0.00044	-42.43	-14.14	0.00041
-49.50	-21.21	0.00041	-56.57	-28.28	0.00042
-63.64	-35.36	0.00043	-70.71	-42.43	0.00043
-77.78	-49.50	0.00043	-84.85	-56.57	0.00043

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 52
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00112	56.57	70.71	0.00123
49.50	63.64	0.00133	42.43	56.57	0.00141
35.36	49.50	0.00144	28.28	42.43	0.00140
21.21	35.36	0.00127	14.14	28.28	0.00108
10.61	24.75	0.00099	7.07	21.21	0.00090
4.95	19.09	0.00086	3.54	17.68	0.00083
2.12	16.26	0.00080	0.71	14.85	0.00077
-0.71	13.44	0.00075	-13.44	0.71	0.00062
-14.85	-0.71	0.00061	-16.26	-2.12	0.00060
-17.68	-3.54	0.00058	-19.09	-4.95	0.00057

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-21.21	-7.07	0.00055	-24.75	-10.61	0.00052
-28.28	-14.14	0.00050	-35.36	-21.21	0.00049
-42.43	-28.28	0.00050	-49.50	-35.36	0.00051
-56.57	-42.43	0.00052	-63.64	-49.50	0.00052
-70.71	-56.57	0.00051	-77.78	-63.64	0.00050
70.71	70.71	0.00119	63.64	63.64	0.00133
56.57	56.57	0.00148	49.50	49.50	0.00162
42.43	42.43	0.00173	35.36	35.36	0.00176
28.28	28.28	0.00168	21.21	21.21	0.00146
17.68	17.68	0.00131	14.14	14.14	0.00117
12.02	12.02	0.00109	10.61	10.61	0.00105
9.19	9.19	0.00100	7.78	7.78	0.00096
6.36	6.36	0.00092	-6.36	-6.36	0.00073
-7.78	-7.78	0.00071	-9.19	-9.19	0.00069
-10.61	-10.61	0.00068	-12.02	-12.02	0.00066
-14.14	-14.14	0.00064	-17.68	-17.68	0.00061
-21.21	-21.21	0.00060	-28.28	-28.28	0.00060
-35.36	-35.36	0.00062	-42.43	-42.43	0.00063
-49.50	-49.50	0.00063	-56.57	-56.57	0.00062
-63.64	-63.64	0.00060	-70.71	-70.71	0.00058
77.78	63.64	0.00124	70.71	56.57	0.00142
63.64	49.50	0.00161	56.57	42.43	0.00181
49.50	35.36	0.00200	42.43	28.28	0.00215
35.36	21.21	0.00220	28.28	14.14	0.00203
24.75	10.61	0.00184	21.21	7.07	0.00162
19.09	4.95	0.00148	17.68	3.54	0.00139
16.26	2.12	0.00131	14.85	0.71	0.00123
13.44	-0.71	0.00117	0.71	-13.44	0.00086
-0.71	-14.85	0.00083	-2.12	-16.26	0.00081
-3.54	-17.68	0.00079	-4.95	-19.09	0.00077

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 53

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00075	-10.61	-24.75	0.00074
-14.14	-28.28	0.00074	-21.21	-35.36	0.00076
-28.28	-42.43	0.00078	-35.36	-49.50	0.00078
-42.43	-56.57	0.00077	-49.50	-63.64	0.00075

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-70.71	0.00071	-63.64	-77.78	0.00068
84.85	56.57	0.00128	77.78	49.50	0.00149
70.71	42.43	0.00172	63.64	35.36	0.00198
56.57	28.28	0.00226	49.50	21.21	0.00253
42.43	14.14	0.00275	35.36	7.07	0.00280
31.82	3.54	0.00268	28.28	0.00	0.00241
26.16	-2.12	0.00219	24.75	-3.54	0.00203
23.33	-4.95	0.00186	21.92	-6.36	0.00171
20.51	-7.78	0.00157	7.78	-20.51	0.00101
6.36	-21.92	0.00099	4.95	-23.33	0.00096
3.54	-24.75	0.00094	2.12	-26.16	0.00093
0.00	-28.28	0.00093	-3.54	-31.82	0.00094
-7.07	-35.36	0.00096	-14.14	-42.43	0.00099
-21.21	-49.50	0.00099	-28.28	-56.57	0.00098
-35.36	-63.64	0.00095	-42.43	-70.71	0.00090
-49.50	-77.78	0.00085	-56.57	-84.85	0.00079
91.92	49.50	0.00130	84.85	42.43	0.00152
77.78	35.36	0.00179	70.71	28.28	0.00211
63.64	21.21	0.00247	56.57	14.14	0.00286
49.50	7.07	0.00326	42.43	0.00	0.00360
38.89	-3.54	0.00369	35.36	-7.07	0.00362
33.23	-9.19	0.00345	31.82	-10.61	0.00326
30.41	-12.02	0.00302	28.99	-13.44	0.00273
27.58	-14.85	0.00243	14.85	-27.58	0.00123
13.44	-28.99	0.00121	12.02	-30.41	0.00120
10.61	-31.82	0.00121	9.19	-33.23	0.00121
7.07	-35.36	0.00123	3.54	-38.89	0.00126
0.00	-42.43	0.00129	-7.07	-49.50	0.00131
-14.14	-56.57	0.00129	-21.21	-63.64	0.00124
-28.28	-70.71	0.00116	-35.36	-77.78	0.00108
-42.43	-84.85	0.00100	-49.50	-91.92	0.00092
98.99	42.43	0.00128	91.92	35.36	0.00152
84.85	28.28	0.00182	77.78	21.21	0.00218
70.71	14.14	0.00261	63.64	7.07	0.00311
56.57	0.00	0.00367	49.50	-7.07	0.00426
45.96	-10.61	0.00456	42.43	-14.14	0.00479

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00486	38.89	-17.68	0.00486
37.48	-19.09	0.00482	36.06	-20.51	0.00468
34.65	-21.92	0.00440	21.92	-34.65	0.00172
20.51	-36.06	0.00173	19.09	-37.48	0.00174
17.68	-38.89	0.00175	16.26	-40.31	0.00176
14.14	-42.43	0.00178	10.61	-45.96	0.00179
7.07	-49.50	0.00179	0.00	-56.57	0.00175
-7.07	-63.64	0.00166	-14.14	-70.71	0.00154
-21.21	-77.78	0.00141	-28.28	-84.85	0.00128
-35.36	-91.92	0.00116	-42.43	-98.99	0.00105
106.07	35.36	0.00125	98.99	28.28	0.00149
91.92	21.21	0.00180	84.85	14.14	0.00219
77.78	7.07	0.00267	70.71	0.00	0.00325
63.64	-7.07	0.00393	56.57	-14.14	0.00469
53.03	-17.68	0.00510	49.50	-21.21	0.00548
47.38	-23.33	0.00566	45.96	-24.75	0.00575
44.55	-26.16	0.00581	43.13	-27.58	0.00589
41.72	-28.99	0.00589	28.99	-41.72	0.00322
27.58	-43.13	0.00303	26.16	-44.55	0.00290
24.75	-45.96	0.00280	23.33	-47.38	0.00273
21.21	-49.50	0.00265	17.68	-53.03	0.00254
14.14	-56.57	0.00246	7.07	-63.64	0.00228
0.00	-70.71	0.00209	-7.07	-77.78	0.00188
-14.14	-84.85	0.00168	-21.21	-91.92	0.00150
-28.28	-98.99	0.00133	-35.36	-106.07	0.00119
113.14	28.28	0.00119	106.07	21.21	0.00143
98.99	14.14	0.00173	91.92	7.07	0.00213
84.85	0.00	0.00263	77.78	-7.07	0.00326
70.71	-14.14	0.00402	63.64	-21.21	0.00487
60.10	-24.75	0.00531	56.57	-28.28	0.00574
54.45	-30.41	0.00594	53.03	-31.82	0.00603
51.62	-33.23	0.00608	50.20	-34.65	0.00612
48.79	-36.06	0.00613	36.06	-48.79	0.00405
34.65	-50.20	0.00392	33.23	-51.62	0.00382
31.82	-53.03	0.00372	30.41	-54.45	0.00364
28.28	-56.57	0.00352	24.75	-60.10	0.00335
21.21	-63.64	0.00318	14.14	-70.71	0.00285
7.07	-77.78	0.00253	0.00	-84.85	0.00223
-7.07	-91.92	0.00195	-14.14	-98.99	0.00171
-21.21	-106.07	0.00150	-28.28	-113.14	0.00133

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:33:00

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
120.21	21.21	0.00111	113.14	14.14	0.00133	
106.07	7.07	0.00162	98.99	0.00	0.00200	
91.92	-7.07	0.00250	84.85	-14.14	0.00315	
77.78	-21.21	0.00395	70.71	-28.28	0.00487	
67.18	-31.82	0.00533	63.64	-35.36	0.00577	
61.52	-37.48	0.00599	60.10	-38.89	0.00609	
58.69	-40.31	0.00614	57.28	-41.72	0.00616	
55.86	-43.13	0.00618	43.13	-55.86	0.00435	
41.72	-57.28	0.00426	40.31	-58.69	0.00420	
38.89	-60.10	0.00415	37.48	-61.52	0.00410	
35.36	-63.64	0.00402	31.82	-67.18	0.00388	
28.28	-70.71	0.00372	21.21	-77.78	0.00335	
14.14	-84.85	0.00294	7.07	-91.92	0.00255	
0.00	-98.99	0.00220	-7.07	-106.07	0.00191	
-14.14	-113.14	0.00166	-21.21	-120.21	0.00145	
127.28	14.14	0.00102	120.21	7.07	0.00122	
113.14	0.00	0.00148	106.07	-7.07	0.00182	
98.99	-14.14	0.00229	91.92	-21.21	0.00292	
84.85	-28.28	0.00374	77.78	-35.36	0.00472	
74.25	-38.89	0.00522	70.71	-42.43	0.00567	
68.59	-44.55	0.00591	67.18	-45.96	0.00602	
65.76	-47.38	0.00610	64.35	-48.79	0.00613	
62.93	-50.20	0.00615	50.20	-62.93	0.00447	
48.79	-64.35	0.00441	47.38	-65.76	0.00437	
45.96	-67.18	0.00434	44.55	-68.59	0.00431	
42.43	-70.71	0.00427	38.89	-74.25	0.00418	
35.36	-77.78	0.00404	28.28	-84.85	0.00367	
21.21	-91.92	0.00324	14.14	-98.99	0.00280	
7.07	-106.07	0.00241	0.00	-113.14	0.00208	
-7.07	-120.21	0.00180	-14.14	-127.28	0.00156	
134.35	7.07	0.00092	127.28	0.00	0.00110	
120.21	-7.07	0.00132	113.14	-14.14	0.00162	
106.07	-21.21	0.00202	98.99	-28.28	0.00258	
91.92	-35.36	0.00337	84.85	-42.43	0.00439	
81.32	-45.96	0.00495	77.78	-49.50	0.00547	
75.66	-51.62	0.00572	74.25	-53.03	0.00586	

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

72.83	-54.45	0.00596	71.42	-55.86	0.00601
70.00	-57.28	0.00604	57.28	-70.00	0.00452
55.86	-71.42	0.00446	54.45	-72.83	0.00443
53.03	-74.25	0.00441	51.62	-75.66	0.00440

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 56
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00438	45.96	-81.32	0.00432
42.43	-84.85	0.00420	35.36	-91.92	0.00383
28.28	-98.99	0.00339	21.21	-106.07	0.00295
14.14	-113.14	0.00255	7.07	-120.21	0.00220
0.00	-127.28	0.00190	-7.07	-134.35	0.00165
141.42	0.00	0.00082	134.35	-7.07	0.00097
127.28	-14.14	0.00116	120.21	-21.21	0.00140
113.14	-28.28	0.00173	106.07	-35.36	0.00219
98.99	-42.43	0.00286	91.92	-49.50	0.00383
88.39	-53.03	0.00443	84.85	-56.57	0.00505
82.73	-58.69	0.00538	81.32	-60.10	0.00555
79.90	-61.52	0.00569	78.49	-62.93	0.00578
77.07	-64.35	0.00582	64.35	-77.07	0.00449
62.93	-78.49	0.00444	61.52	-79.90	0.00442
60.10	-81.32	0.00441	58.69	-82.73	0.00441
56.57	-84.85	0.00439	53.03	-88.39	0.00433
49.50	-91.92	0.00422	42.43	-98.99	0.00386
35.36	-106.07	0.00343	28.28	-113.14	0.00300
21.21	-120.21	0.00260	14.14	-127.28	0.00225
7.07	-134.35	0.00195	0.00	-141.42	0.00169
148.49	-7.07	0.00072	141.42	-14.14	0.00083
134.35	-21.21	0.00098	127.28	-28.28	0.00118
120.21	-35.36	0.00144	113.14	-42.43	0.00178
106.07	-49.50	0.00228	98.99	-56.57	0.00305
95.46	-60.10	0.00360	91.92	-63.64	0.00427
89.80	-65.76	0.00468	88.39	-67.18	0.00494
86.97	-68.59	0.00515	85.56	-70.00	0.00532
84.15	-71.42	0.00544	71.42	-84.15	0.00440
70.00	-85.56	0.00435	68.59	-86.97	0.00434
67.18	-88.39	0.00433	65.76	-89.80	0.00432

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

63.64	-91.92	0.00430	60.10	-95.46	0.00422
56.57	-98.99	0.00410	49.50	-106.07	0.00376
42.43	-113.14	0.00335	35.36	-120.21	0.00294
28.28	-127.28	0.00256	21.21	-134.35	0.00223
14.14	-141.42	0.00194	7.07	-148.49	0.00169
155.56	-14.14	0.00061	148.49	-21.21	0.00071
141.42	-28.28	0.00082	134.35	-35.36	0.00097
127.28	-42.43	0.00115	120.21	-49.50	0.00140
113.14	-56.57	0.00173	106.07	-63.64	0.00222
102.53	-67.18	0.00257	98.99	-70.71	0.00304

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00341	95.46	-74.25	0.00369
94.05	-75.66	0.00399	92.63	-77.07	0.00430
91.22	-78.49	0.00458	78.49	-91.22	0.00423
77.07	-92.63	0.00417	75.66	-94.05	0.00414
74.25	-95.46	0.00411	72.83	-96.87	0.00409
70.71	-98.99	0.00404	67.18	-102.53	0.00395
63.64	-106.07	0.00384	56.57	-113.14	0.00352
49.50	-120.21	0.00315	42.43	-127.28	0.00278
35.36	-134.35	0.00244	28.28	-141.42	0.00214
21.21	-148.49	0.00188	14.14	-155.56	0.00165
162.63	-21.21	0.00052	155.56	-28.28	0.00059
148.49	-35.36	0.00068	141.42	-42.43	0.00078
134.35	-49.50	0.00090	127.28	-56.57	0.00105
120.21	-63.64	0.00125	113.14	-70.71	0.00150
109.60	-74.25	0.00166	106.07	-77.78	0.00184
103.94	-79.90	0.00198	102.53	-81.32	0.00208
101.12	-82.73	0.00221	99.70	-84.15	0.00237
98.29	-85.56	0.00260	85.56	-98.29	0.00375
84.15	-99.70	0.00367	82.73	-101.12	0.00362
81.32	-102.53	0.00358	79.90	-103.94	0.00356
77.78	-106.07	0.00352	74.25	-109.60	0.00346
70.71	-113.14	0.00337	63.64	-120.21	0.00314
56.57	-127.28	0.00285	49.50	-134.35	0.00254
42.43	-141.42	0.00226	35.36	-148.49	0.00200

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-155.56	0.00177	21.21	-162.63	0.00157
169.71	-28.28	0.00044	162.63	-35.36	0.00049
155.56	-42.43	0.00055	148.49	-49.50	0.00062
141.42	-56.57	0.00070	134.35	-63.64	0.00079
127.28	-70.71	0.00088	120.21	-77.78	0.00099
116.67	-81.32	0.00104	113.14	-84.85	0.00109
111.02	-86.97	0.00111	109.60	-88.39	0.00112
108.19	-89.80	0.00113	106.77	-91.22	0.00115
105.36	-92.63	0.00116	92.63	-105.36	0.00223
91.22	-106.77	0.00236	89.80	-108.19	0.00245
88.39	-109.60	0.00253	86.97	-111.02	0.00259
84.85	-113.14	0.00266	81.32	-116.67	0.00271
77.78	-120.21	0.00271	70.71	-127.28	0.00262
63.64	-134.35	0.00245	56.57	-141.42	0.00224
49.50	-148.49	0.00202	42.43	-155.56	0.00182
35.36	-162.63	0.00163	28.28	-169.71	0.00147

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00037	169.71	-42.43	0.00041
162.63	-49.50	0.00045	155.56	-56.57	0.00049
148.49	-63.64	0.00054	141.42	-70.71	0.00059
134.35	-77.78	0.00064	127.28	-84.85	0.00069
123.74	-88.39	0.00071	120.21	-91.92	0.00074
118.09	-94.05	0.00075	116.67	-95.46	0.00077
115.26	-96.87	0.00079	113.84	-98.29	0.00081
112.43	-99.70	0.00084	99.70	-112.43	0.00135
98.29	-113.84	0.00143	96.87	-115.26	0.00150
95.46	-116.67	0.00158	94.05	-118.09	0.00166
91.92	-120.21	0.00176	88.39	-123.74	0.00190
84.85	-127.28	0.00198	77.78	-134.35	0.00205
70.71	-141.42	0.00200	63.64	-148.49	0.00189
56.57	-155.56	0.00175	49.50	-162.63	0.00161
42.43	-169.71	0.00147	35.36	-176.78	0.00134
183.85	-42.43	0.00031	176.78	-49.50	0.00034
169.71	-56.57	0.00037	162.63	-63.64	0.00040
155.56	-70.71	0.00043	148.49	-77.78	0.00046

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-84.85	0.00049	134.35	-91.92	0.00052
130.81	-95.46	0.00054	127.28	-98.99	0.00057
125.16	-101.12	0.00059	123.74	-102.53	0.00061
122.33	-103.94	0.00063	120.92	-105.36	0.00065
119.50	-106.77	0.00068	106.77	-119.50	0.00100
105.36	-120.92	0.00103	103.94	-122.33	0.00107
102.53	-123.74	0.00111	101.12	-125.16	0.00115
98.99	-127.28	0.00122	95.46	-130.81	0.00132
91.92	-134.35	0.00141	84.85	-141.42	0.00153
77.78	-148.49	0.00156	70.71	-155.56	0.00154
63.64	-162.63	0.00147	56.57	-169.71	0.00138
49.50	-176.78	0.00129	42.43	-183.85	0.00120
190.92	-49.50	0.00027	183.85	-56.57	0.00029
176.78	-63.64	0.00031	169.71	-70.71	0.00033
162.63	-77.78	0.00034	155.56	-84.85	0.00036
148.49	-91.92	0.00039	141.42	-98.99	0.00042
137.89	-102.53	0.00044	134.35	-106.07	0.00047
132.23	-108.19	0.00049	130.81	-109.60	0.00051
129.40	-111.02	0.00052	127.99	-112.43	0.00055
126.57	-113.84	0.00057	113.84	-126.57	0.00079
112.43	-127.99	0.00081	111.02	-129.40	0.00082
109.60	-130.81	0.00084	108.19	-132.23	0.00087

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00091	102.53	-137.89	0.00097
98.99	-141.42	0.00104	91.92	-148.49	0.00114
84.85	-155.56	0.00120	77.78	-162.63	0.00122
70.71	-169.71	0.00120	63.64	-176.78	0.00116
56.57	-183.85	0.00111	49.50	-190.92	0.00105
197.99	-56.57	0.00023	190.92	-63.64	0.00024
183.85	-70.71	0.00026	176.78	-77.78	0.00027
169.71	-84.85	0.00028	162.63	-91.92	0.00030
155.56	-98.99	0.00032	148.49	-106.07	0.00035
144.96	-109.60	0.00037	141.42	-113.14	0.00040
139.30	-115.26	0.00041	137.89	-116.67	0.00043
136.47	-118.09	0.00044	135.06	-119.50	0.00046

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-120.92	0.00048	120.92	-133.64	0.00064
119.50	-135.06	0.00066	118.09	-136.47	0.00067
116.67	-137.89	0.00068	115.26	-139.30	0.00069
113.14	-141.42	0.00071	109.60	-144.96	0.00075
106.07	-148.49	0.00079	98.99	-155.56	0.00088
91.92	-162.63	0.00093	84.85	-169.71	0.00096
77.78	-176.78	0.00097	70.71	-183.85	0.00096
63.64	-190.92	0.00094	56.57	-197.99	0.00090
205.06	-63.64	0.00020	197.99	-70.71	0.00021
190.92	-77.78	0.00022	183.85	-84.85	0.00023
176.78	-91.92	0.00024	169.71	-98.99	0.00025
162.63	-106.07	0.00027	155.56	-113.14	0.00030
152.03	-116.67	0.00032	148.49	-120.21	0.00034
146.37	-122.33	0.00036	144.96	-123.74	0.00037
143.54	-125.16	0.00038	142.13	-126.57	0.00039
140.71	-127.99	0.00041	127.99	-140.71	0.00053
126.57	-142.13	0.00054	125.16	-143.54	0.00055
123.74	-144.96	0.00056	122.33	-146.37	0.00056
120.21	-148.49	0.00057	116.67	-152.03	0.00060
113.14	-155.56	0.00063	106.07	-162.63	0.00069
98.99	-169.71	0.00074	91.92	-176.78	0.00077
84.85	-183.85	0.00079	77.78	-190.92	0.00079
70.71	-197.99	0.00079	63.64	-205.06	0.00077
212.13	-70.71	0.00017	205.06	-77.78	0.00018
197.99	-84.85	0.00019	190.92	-91.92	0.00019
183.85	-98.99	0.00020	176.78	-106.07	0.00022
169.71	-113.14	0.00023	162.63	-120.21	0.00026
159.10	-123.74	0.00028	155.56	-127.28	0.00030

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00031	152.03	-130.81	0.00032
150.61	-132.23	0.00033	149.20	-133.64	0.00034
147.79	-135.06	0.00035	135.06	-147.79	0.00045
133.64	-149.20	0.00046	132.23	-150.61	0.00046
130.81	-152.03	0.00047	129.40	-153.44	0.00047
127.28	-155.56	0.00048	123.74	-159.10	0.00049

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

120.21	-162.63	0.00051	113.14	-169.71	0.00055
106.07	-176.78	0.00060	98.99	-183.85	0.00063
91.92	-190.92	0.00065	84.85	-197.99	0.00066
77.78	-205.06	0.00066	70.71	-212.13	0.00065
219.20	-77.78	0.00015	212.13	-84.85	0.00015
205.06	-91.92	0.00016	197.99	-98.99	0.00017
190.92	-106.07	0.00018	183.85	-113.14	0.00019
176.78	-120.21	0.00021	169.71	-127.28	0.00023
166.17	-130.81	0.00024	162.63	-134.35	0.00026
160.51	-136.47	0.00027	159.10	-137.89	0.00028
157.68	-139.30	0.00029	156.27	-140.71	0.00030
154.86	-142.13	0.00031	142.13	-154.86	0.00038
140.71	-156.27	0.00039	139.30	-157.68	0.00039
137.89	-159.10	0.00040	136.47	-160.51	0.00040
134.35	-162.63	0.00040	130.81	-166.17	0.00041
127.28	-169.71	0.00043	120.21	-176.78	0.00046
113.14	-183.85	0.00049	106.07	-190.92	0.00052
98.99	-197.99	0.00054	91.92	-205.06	0.00055
84.85	-212.13	0.00056	77.78	-219.20	0.00056
226.27	-84.85	0.00013	219.20	-91.92	0.00014
212.13	-98.99	0.00014	205.06	-106.07	0.00015
197.99	-113.14	0.00016	190.92	-120.21	0.00017
183.85	-127.28	0.00018	176.78	-134.35	0.00020
173.24	-137.89	0.00022	169.71	-141.42	0.00023
167.58	-143.54	0.00024	166.17	-144.96	0.00025
164.76	-146.37	0.00025	163.34	-147.79	0.00026
161.93	-149.20	0.00027	149.20	-161.93	0.00033
147.79	-163.34	0.00033	146.37	-164.76	0.00034
144.96	-166.17	0.00034	143.54	-167.58	0.00034
141.42	-169.71	0.00035	137.89	-173.24	0.00035
134.35	-176.78	0.00036	127.28	-183.85	0.00038
120.21	-190.92	0.00041	113.14	-197.99	0.00043
106.07	-205.06	0.00045	98.99	-212.13	0.00047
91.92	-219.20	0.00048	84.85	-226.27	0.00048

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

233.35	-91.92	0.00012	226.27	-98.99	0.00012
219.20	-106.07	0.00013	212.13	-113.14	0.00013
205.06	-120.21	0.00014	197.99	-127.28	0.00015
190.92	-134.35	0.00017	183.85	-141.42	0.00018
180.31	-144.96	0.00019	176.78	-148.49	0.00020
174.66	-150.61	0.00021	173.24	-152.03	0.00022
171.83	-153.44	0.00022	170.41	-154.86	0.00023
169.00	-156.27	0.00024	156.27	-169.00	0.00029
154.86	-170.41	0.00029	153.44	-171.83	0.00029
152.03	-173.24	0.00030	150.61	-174.66	0.00030
148.49	-176.78	0.00030	144.96	-180.31	0.00031
141.42	-183.85	0.00031	134.35	-190.92	0.00033
127.28	-197.99	0.00035	120.21	-205.06	0.00037
113.14	-212.13	0.00039	106.07	-219.20	0.00040
98.99	-226.27	0.00041	91.92	-233.35	0.00041
240.42	-98.99	0.00010	233.35	-106.07	0.00011
226.27	-113.14	0.00011	219.20	-120.21	0.00012
212.13	-127.28	0.00013	205.06	-134.35	0.00014
197.99	-141.42	0.00015	190.92	-148.49	0.00016
187.38	-152.03	0.00017	183.85	-155.56	0.00018
181.73	-157.68	0.00019	180.31	-159.10	0.00020
178.90	-160.51	0.00020	177.48	-161.93	0.00021
176.07	-163.34	0.00021	163.34	-176.07	0.00025
161.93	-177.48	0.00025	160.51	-178.90	0.00026
159.10	-180.31	0.00026	157.68	-181.73	0.00026
155.56	-183.85	0.00026	152.03	-187.38	0.00027
148.49	-190.92	0.00027	141.42	-197.99	0.00028
134.35	-205.06	0.00030	127.28	-212.13	0.00031
120.21	-219.20	0.00033	113.14	-226.27	0.00034
106.07	-233.35	0.00035	98.99	-240.42	0.00036
247.49	-106.07	0.00009	240.42	-113.14	0.00010
233.35	-120.21	0.00010	226.27	-127.28	0.00011
219.20	-134.35	0.00012	212.13	-141.42	0.00012
205.06	-148.49	0.00014	197.99	-155.56	0.00015
194.45	-159.10	0.00016	190.92	-162.63	0.00017
188.80	-164.76	0.00017	187.38	-166.17	0.00018
185.97	-167.58	0.00018	184.55	-169.00	0.00018
183.14	-170.41	0.00019	170.41	-183.14	0.00022
169.00	-184.55	0.00022	167.58	-185.97	0.00023
166.17	-187.38	0.00023	164.76	-188.80	0.00023

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:33:00
**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
162.63	-190.92	0.00023	159.10	-194.45	0.00024	
155.56	-197.99	0.00024	148.49	-205.06	0.00025	
141.42	-212.13	0.00026	134.35	-219.20	0.00027	
127.28	-226.27	0.00029	120.21	-233.35	0.00030	
113.14	-240.42	0.00031	106.07	-247.49	0.00032	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-106.07	247.49	0.00019	-113.14	240.42	0.00018	
-120.21	233.35	0.00017	-127.28	226.27	0.00017	
-134.35	219.20	0.00016	-141.42	212.13	0.00015	
-148.49	205.06	0.00015	-155.56	197.99	0.00014	
-159.10	194.45	0.00014	-162.63	190.92	0.00013	
-164.76	188.80	0.00013	-166.17	187.38	0.00013	
-167.58	185.97	0.00013	-169.00	184.55	0.00013	
-170.41	183.14	0.00013	-183.14	170.41	0.00012	
-184.55	169.00	0.00012	-185.97	167.58	0.00012	
-187.38	166.17	0.00012	-188.80	164.76	0.00012	
-190.92	162.63	0.00012	-194.45	159.10	0.00012	
-197.99	155.56	0.00012	-205.06	148.49	0.00011	
-212.13	141.42	0.00011	-219.20	134.35	0.00010	
-226.27	127.28	0.00010	-233.35	120.21	0.00009	
-240.42	113.14	0.00009	-247.49	106.07	0.00009	
-98.99	240.42	0.00021	-106.07	233.35	0.00020	
-113.14	226.27	0.00019	-120.21	219.20	0.00018	
-127.28	212.13	0.00018	-134.35	205.06	0.00017	
-141.42	197.99	0.00016	-148.49	190.92	0.00015	
-152.03	187.38	0.00015	-155.56	183.85	0.00014	
-157.68	181.73	0.00014	-159.10	180.31	0.00014	
-160.51	178.90	0.00014	-161.93	177.48	0.00014	
-163.34	176.07	0.00014	-176.07	163.34	0.00013	

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-177.48	161.93	0.00013	-178.90	160.51	0.00013
-180.31	159.10	0.00013	-181.73	157.68	0.00013
-183.85	155.56	0.00013	-187.38	152.03	0.00013
-190.92	148.49	0.00013	-197.99	141.42	0.00012
-205.06	134.35	0.00012	-212.13	127.28	0.00011
-219.20	120.21	0.00010	-226.27	113.14	0.00010
-233.35	106.07	0.00010	-240.42	98.99	0.00009
-91.92	233.35	0.00023	-99.00	226.27	0.00022
-106.07	219.20	0.00021	-113.14	212.13	0.00020
-120.21	205.06	0.00019	-127.28	197.99	0.00018
-134.35	190.92	0.00018	-141.42	183.85	0.00017
-144.96	180.31	0.00016	-148.49	176.78	0.00016
-150.61	174.66	0.00016	-152.03	173.24	0.00015
-153.44	171.83	0.00015	-154.86	170.41	0.00015
-156.27	169.00	0.00015	-169.00	156.27	0.00014
-170.41	154.86	0.00014	-171.83	153.44	0.00014
-173.24	152.03	0.00014	-174.66	150.61	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00014	-180.31	144.96	0.00014
-183.85	141.42	0.00014	-190.92	134.35	0.00013
-197.99	127.28	0.00012	-205.06	120.21	0.00012
-212.13	113.14	0.00011	-219.20	106.07	0.00011
-226.27	98.99	0.00010	-233.35	91.92	0.00010
-84.85	226.27	0.00026	-91.92	219.20	0.00025
-99.00	212.13	0.00023	-106.07	205.06	0.00022
-113.14	197.99	0.00021	-120.21	190.92	0.00020
-127.28	183.85	0.00019	-134.35	176.78	0.00018
-137.89	173.24	0.00018	-141.42	169.71	0.00017
-143.54	167.58	0.00017	-144.96	166.17	0.00017
-146.37	164.76	0.00017	-147.79	163.34	0.00016
-149.20	161.93	0.00016	-161.93	149.20	0.00016
-163.34	147.79	0.00016	-164.76	146.37	0.00015
-166.17	144.96	0.00015	-167.58	143.54	0.00015
-169.71	141.42	0.00015	-173.24	137.89	0.00015
-176.78	134.35	0.00015	-183.85	127.28	0.00014

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	120.21	0.00013	-197.99	113.14	0.00013
-205.06	106.07	0.00012	-212.13	98.99	0.00011
-219.20	91.92	0.00011	-226.27	84.85	0.00011
-77.78	219.20	0.00030	-84.85	212.13	0.00028
-91.92	205.06	0.00026	-99.00	197.99	0.00025
-106.07	190.92	0.00024	-113.14	183.85	0.00022
-120.21	176.78	0.00021	-127.28	169.71	0.00020
-130.81	166.17	0.00019	-134.35	162.63	0.00019
-136.47	160.51	0.00019	-137.89	159.10	0.00018
-139.30	157.68	0.00018	-140.71	156.27	0.00018
-142.13	154.86	0.00018	-154.86	142.13	0.00017
-156.27	140.71	0.00017	-157.68	139.30	0.00017
-159.10	137.89	0.00017	-160.51	136.47	0.00017
-162.63	134.35	0.00016	-166.17	130.81	0.00016
-169.71	127.28	0.00016	-176.78	120.21	0.00015
-183.85	113.14	0.00014	-190.92	106.07	0.00013
-197.99	98.99	0.00013	-205.06	91.92	0.00012
-212.13	84.85	0.00012	-219.20	77.78	0.00012
-70.71	212.13	0.00034	-77.78	205.06	0.00032
-84.85	197.99	0.00030	-91.92	190.92	0.00028
-98.99	183.85	0.00026	-106.07	176.78	0.00025
-113.14	169.71	0.00024	-120.21	162.63	0.00022
-123.74	159.10	0.00022	-127.28	155.56	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00020	-130.81	152.03	0.00020
-132.23	150.61	0.00020	-133.64	149.20	0.00020
-135.06	147.79	0.00020	-147.79	135.06	0.00019
-149.20	133.64	0.00018	-150.61	132.23	0.00018
-152.03	130.81	0.00018	-153.44	129.40	0.00018
-155.56	127.28	0.00018	-159.10	123.74	0.00018
-162.63	120.21	0.00017	-169.71	113.14	0.00016
-176.78	106.07	0.00015	-183.85	98.99	0.00014
-190.92	91.92	0.00014	-197.99	84.85	0.00013
-205.06	77.78	0.00013	-212.13	70.71	0.00013
-63.64	205.06	0.00039	-70.71	197.99	0.00036

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	190.92	0.00034	-84.85	183.85	0.00032
-91.92	176.78	0.00030	-98.99	169.71	0.00028
-106.07	162.63	0.00026	-113.14	155.56	0.00025
-116.67	152.03	0.00024	-120.21	148.49	0.00023
-122.33	146.37	0.00023	-123.74	144.96	0.00022
-125.16	143.54	0.00022	-126.57	142.13	0.00022
-127.99	140.71	0.00022	-140.71	127.99	0.00020
-142.13	126.57	0.00020	-143.54	125.16	0.00020
-144.96	123.74	0.00020	-146.37	122.33	0.00020
-148.49	120.21	0.00020	-152.03	116.67	0.00019
-155.56	113.14	0.00019	-162.63	106.07	0.00018
-169.71	98.99	0.00017	-176.78	91.92	0.00016
-183.85	84.85	0.00015	-190.92	77.78	0.00014
-197.99	70.71	0.00014	-205.06	63.64	0.00014
-56.57	197.99	0.00044	-63.64	190.92	0.00042
-70.71	183.85	0.00039	-77.78	176.78	0.00036
-84.85	169.71	0.00034	-91.92	162.63	0.00032
-98.99	155.56	0.00030	-106.07	148.49	0.00028
-109.60	144.96	0.00027	-113.14	141.42	0.00026
-115.26	139.30	0.00025	-116.67	137.89	0.00025
-118.09	136.47	0.00025	-119.50	135.06	0.00024
-120.92	133.64	0.00024	-133.64	120.92	0.00022
-135.06	119.50	0.00022	-136.47	118.09	0.00022
-137.89	116.67	0.00022	-139.30	115.26	0.00022
-141.42	113.14	0.00022	-144.96	109.60	0.00021
-148.49	106.07	0.00020	-155.56	98.99	0.00019
-162.63	91.92	0.00018	-169.71	84.85	0.00017
-176.78	77.78	0.00016	-183.85	70.71	0.00016
-190.92	63.64	0.00016	-197.99	56.57	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTS:
 PAGE 66
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00051	-56.57	183.85	0.00048
-63.64	176.78	0.00045	-70.71	169.71	0.00042
-77.78	162.63	0.00039	-84.85	155.56	0.00036
-91.92	148.49	0.00034	-98.99	141.42	0.00031
-102.53	137.89	0.00030	-106.07	134.35	0.00029

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-108.19	132.23	0.00028	-109.60	130.81	0.00028
-111.02	129.40	0.00027	-112.43	127.99	0.00027
-113.84	126.57	0.00027	-126.57	113.84	0.00025
-127.99	112.43	0.00025	-129.40	111.02	0.00025
-130.81	109.60	0.00024	-132.23	108.19	0.00024
-134.35	106.07	0.00024	-137.89	102.53	0.00023
-141.42	98.99	0.00022	-148.49	91.92	0.00021
-155.56	84.85	0.00020	-162.63	77.78	0.00019
-169.71	70.71	0.00018	-176.78	63.64	0.00018
-183.85	56.57	0.00018	-190.92	49.50	0.00018
-42.43	183.85	0.00058	-49.50	176.78	0.00056
-56.57	169.71	0.00053	-63.64	162.63	0.00049
-70.71	155.56	0.00045	-77.78	148.49	0.00041
-84.85	141.42	0.00038	-91.92	134.35	0.00036
-95.46	130.81	0.00034	-98.99	127.28	0.00033
-101.12	125.16	0.00032	-102.53	123.74	0.00031
-103.94	122.33	0.00031	-105.36	120.92	0.00031
-106.77	119.50	0.00030	-119.50	106.77	0.00028
-120.92	105.36	0.00028	-122.33	103.94	0.00027
-123.74	102.53	0.00027	-125.16	101.12	0.00027
-127.28	98.99	0.00026	-130.81	95.46	0.00026
-134.35	91.92	0.00025	-141.42	84.85	0.00023
-148.49	77.78	0.00022	-155.56	70.71	0.00020
-162.63	63.64	0.00020	-169.71	56.57	0.00020
-176.78	49.50	0.00020	-183.85	42.43	0.00021
-35.36	176.78	0.00066	-42.43	169.71	0.00065
-49.50	162.63	0.00062	-56.57	155.56	0.00058
-63.64	148.49	0.00053	-70.71	141.42	0.00049
-77.78	134.35	0.00045	-84.85	127.28	0.00041
-88.39	123.74	0.00039	-91.92	120.21	0.00038
-94.05	118.09	0.00036	-95.46	116.67	0.00036
-96.87	115.26	0.00035	-98.29	113.84	0.00035
-99.70	112.43	0.00034	-112.43	99.70	0.00031
-113.84	98.29	0.00031	-115.26	96.87	0.00031
-116.67	95.46	0.00030	-118.09	94.05	0.00030

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00029	-123.74	88.39	0.00028
-127.28	84.85	0.00027	-134.35	77.78	0.00025
-141.42	70.71	0.00024	-148.49	63.64	0.00023
-155.56	56.57	0.00022	-162.63	49.50	0.00023
-169.71	42.43	0.00023	-176.78	35.36	0.00024
-28.28	169.71	0.00075	-35.36	162.63	0.00075
-42.43	155.56	0.00074	-49.50	148.49	0.00070
-56.57	141.42	0.00064	-63.64	134.35	0.00058
-70.71	127.28	0.00052	-77.78	120.21	0.00048
-81.32	116.67	0.00046	-84.85	113.14	0.00043
-86.97	111.02	0.00042	-88.39	109.60	0.00041
-89.80	108.19	0.00040	-91.22	106.77	0.00040
-92.63	105.36	0.00039	-105.36	92.63	0.00035
-106.77	91.22	0.00035	-108.19	89.80	0.00035
-109.60	88.39	0.00034	-111.02	86.97	0.00034
-113.14	84.85	0.00033	-116.67	81.32	0.00032
-120.21	77.78	0.00030	-127.28	70.71	0.00028
-134.35	63.64	0.00026	-141.42	56.57	0.00026
-148.49	49.50	0.00026	-155.56	42.43	0.00026
-162.63	35.36	0.00027	-169.71	28.28	0.00027
-21.21	162.63	0.00085	-28.28	155.56	0.00087
-35.36	148.49	0.00087	-42.43	141.42	0.00084
-49.50	134.35	0.00078	-56.57	127.28	0.00070
-63.64	120.21	0.00063	-70.71	113.14	0.00056
-74.25	109.60	0.00054	-77.78	106.07	0.00051
-79.90	103.94	0.00049	-81.32	102.53	0.00048
-82.73	101.12	0.00047	-84.15	99.70	0.00046
-85.56	98.29	0.00045	-98.29	85.56	0.00040
-99.70	84.15	0.00040	-101.12	82.73	0.00039
-102.53	81.32	0.00039	-103.94	79.90	0.00038
-106.07	77.78	0.00037	-109.60	74.25	0.00036
-113.14	70.71	0.00034	-120.21	63.64	0.00031
-127.28	56.57	0.00030	-134.35	49.50	0.00030
-141.42	42.43	0.00030	-148.49	35.36	0.00031
-155.56	28.28	0.00031	-162.63	21.21	0.00032
-14.14	155.56	0.00094	-21.21	148.49	0.00099
-28.28	141.42	0.00101	-35.36	134.35	0.00101
-42.43	127.28	0.00096	-49.50	120.21	0.00088
-56.57	113.14	0.00077	-63.64	106.07	0.00068
-67.18	102.53	0.00064	-70.71	98.99	0.00060

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:33:00

**MODELOPTS:

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
*** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00058	-74.25	95.46	0.00056
-75.66	94.05	0.00055	-77.07	92.63	0.00054
-78.49	91.22	0.00052	-91.22	78.49	0.00046
-92.63	77.07	0.00045	-94.05	75.66	0.00045
-95.46	74.25	0.00044	-96.87	72.83	0.00043
-98.99	70.71	0.00042	-102.53	67.18	0.00040
-106.07	63.64	0.00038	-113.14	56.57	0.00036
-120.21	49.50	0.00035	-127.28	42.43	0.00035
-134.35	35.36	0.00036	-141.42	28.28	0.00036
-148.49	21.21	0.00037	-155.56	14.14	0.00037
-7.07	148.49	0.00103	-14.14	141.42	0.00111
-21.21	134.35	0.00117	-28.28	127.28	0.00120
-35.36	120.21	0.00118	-42.43	113.14	0.00110
-49.50	106.07	0.00098	-56.57	98.99	0.00084
-60.10	95.46	0.00078	-63.64	91.92	0.00073
-65.76	89.80	0.00070	-67.18	88.39	0.00068
-68.59	86.97	0.00066	-70.00	85.56	0.00064
-71.42	84.15	0.00062	-84.15	71.42	0.00053
-85.56	70.00	0.00052	-86.97	68.59	0.00052
-88.39	67.18	0.00051	-89.80	65.76	0.00050
-91.92	63.64	0.00048	-95.46	60.10	0.00046
-98.99	56.57	0.00044	-106.07	49.50	0.00041
-113.14	42.43	0.00041	-120.21	35.36	0.00042
-127.28	28.28	0.00043	-134.35	21.21	0.00043
-141.42	14.14	0.00043	-148.49	7.07	0.00043
0.00	141.42	0.00112	-7.07	134.35	0.00123
-14.14	127.28	0.00133	-21.21	120.21	0.00141
-28.28	113.14	0.00144	-35.36	106.07	0.00140
-42.43	98.99	0.00127	-49.50	91.92	0.00108
-53.03	88.39	0.00099	-56.57	84.85	0.00090
-58.69	82.73	0.00086	-60.10	81.32	0.00083
-61.52	79.90	0.00080	-62.93	78.49	0.00077
-64.35	77.07	0.00075	-77.07	64.35	0.00062
-78.49	62.93	0.00061	-79.90	61.52	0.00060
-81.32	60.10	0.00058	-82.73	58.69	0.00057
-84.85	56.57	0.00055	-88.39	53.03	0.00052
-91.92	49.50	0.00050	-98.99	42.43	0.00049

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	35.36	0.00050	-113.14	28.28	0.00051
-120.21	21.21	0.00052	-127.28	14.14	0.00052
-134.35	7.07	0.00051	-141.42	0.00	0.00050

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00119	0.00	127.28	0.00133
-7.07	120.21	0.00148	-14.14	113.14	0.00162
-21.21	106.07	0.00173	-28.28	98.99	0.00176
-35.36	91.92	0.00168	-42.43	84.85	0.00146
-45.96	81.32	0.00131	-49.50	77.78	0.00117
-51.62	75.66	0.00109	-53.03	74.25	0.00105
-54.45	72.83	0.00100	-55.86	71.42	0.00096
-57.28	70.00	0.00092	-70.00	57.28	0.00073
-71.42	55.86	0.00071	-72.83	54.45	0.00069
-74.25	53.03	0.00068	-75.66	51.62	0.00066
-77.78	49.50	0.00064	-81.32	45.96	0.00061
-84.85	42.43	0.00060	-91.92	35.36	0.00060
-98.99	28.28	0.00062	-106.07	21.21	0.00063
-113.14	14.14	0.00063	-120.21	7.07	0.00062
-127.28	0.00	0.00060	-134.35	-7.07	0.00058
14.14	127.28	0.00124	7.07	120.21	0.00142
0.00	113.14	0.00161	-7.07	106.07	0.00181
-14.14	98.99	0.00200	-21.21	91.92	0.00215
-28.28	84.85	0.00220	-35.36	77.78	0.00203
-38.89	74.25	0.00184	-42.43	70.71	0.00162
-44.55	68.59	0.00148	-45.96	67.18	0.00139
-47.38	65.76	0.00131	-48.79	64.35	0.00123
-50.20	62.93	0.00117	-62.93	50.20	0.00086
-64.35	48.79	0.00083	-65.76	47.38	0.00081
-67.18	45.96	0.00079	-68.59	44.55	0.00077
-70.71	42.43	0.00075	-74.25	38.89	0.00074
-77.78	35.36	0.00074	-84.85	28.28	0.00076
-91.92	21.21	0.00078	-98.99	14.14	0.00078
-106.07	7.07	0.00077	-113.14	0.00	0.00075
-120.21	-7.07	0.00071	-127.28	-14.14	0.00068
21.21	120.21	0.00128	14.14	113.14	0.00149

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

7.07	106.07	0.00172	0.00	98.99	0.00198
-7.07	91.92	0.00226	-14.14	84.85	0.00253
-21.21	77.78	0.00275	-28.28	70.71	0.00280
-31.82	67.18	0.00268	-35.36	63.64	0.00241
-37.48	61.52	0.00219	-38.89	60.10	0.00203
-40.31	58.69	0.00186	-41.72	57.28	0.00171
-43.13	55.86	0.00157	-55.86	43.13	0.00101
-57.28	41.72	0.00099	-58.69	40.31	0.00096
-60.10	38.89	0.00094	-61.52	37.48	0.00093

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 70
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00093	-67.18	31.82	0.00094
-70.71	28.28	0.00096	-77.78	21.21	0.00099
-84.85	14.14	0.00099	-91.92	7.07	0.00098
-98.99	0.00	0.00095	-106.07	-7.07	0.00090
-113.14	-14.14	0.00085	-120.21	-21.21	0.00079
28.28	113.14	0.00130	21.21	106.07	0.00152
14.14	98.99	0.00179	7.07	91.92	0.00211
0.00	84.85	0.00247	-7.07	77.78	0.00286
-14.14	70.71	0.00326	-21.21	63.64	0.00360
-24.75	60.10	0.00369	-28.28	56.57	0.00362
-30.41	54.45	0.00345	-31.82	53.03	0.00326
-33.23	51.62	0.00302	-34.65	50.20	0.00273
-36.06	48.79	0.00243	-48.79	36.06	0.00123
-50.20	34.65	0.00121	-51.62	33.23	0.00120
-53.03	31.82	0.00121	-54.45	30.41	0.00121
-56.57	28.28	0.00123	-60.10	24.75	0.00126
-63.64	21.21	0.00129	-70.71	14.14	0.00131
-77.78	7.07	0.00129	-84.85	0.00	0.00124
-91.92	-7.07	0.00116	-98.99	-14.14	0.00108
-106.07	-21.21	0.00100	-113.14	-28.28	0.00092
35.36	106.07	0.00128	28.28	98.99	0.00152
21.21	91.92	0.00182	14.14	84.85	0.00218
7.07	77.78	0.00261	0.00	70.71	0.00311
-7.07	63.64	0.00367	-14.14	56.57	0.00426
-17.68	53.03	0.00456	-21.21	49.50	0.00479

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-23.33	47.38	0.00486	-24.75	45.96	0.00486
-26.16	44.55	0.00482	-27.58	43.13	0.00468
-28.99	41.72	0.00440	-41.72	28.99	0.00172
-43.13	27.58	0.00173	-44.55	26.16	0.00174
-45.96	24.75	0.00175	-47.38	23.33	0.00176
-49.50	21.21	0.00178	-53.03	17.68	0.00179
-56.57	14.14	0.00179	-63.64	7.07	0.00175
-70.71	0.00	0.00166	-77.78	-7.07	0.00154
-84.85	-14.14	0.00141	-91.92	-21.21	0.00128
-98.99	-28.28	0.00116	-106.07	-35.36	0.00105
42.43	98.99	0.00125	35.36	91.92	0.00149
28.28	84.85	0.00180	21.21	77.78	0.00219
14.14	70.71	0.00267	7.07	63.64	0.00325
0.00	56.57	0.00393	-7.07	49.50	0.00469
-10.61	45.96	0.00510	-14.14	42.43	0.00548

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00566	-17.68	38.89	0.00575
-19.09	37.48	0.00581	-20.51	36.06	0.00589
-21.92	34.65	0.00589	-34.65	21.92	0.00322
-36.06	20.51	0.00303	-37.48	19.09	0.00290
-38.89	17.68	0.00280	-40.31	16.26	0.00273
-42.43	14.14	0.00265	-45.96	10.61	0.00254
-49.50	7.07	0.00246	-56.57	0.00	0.00228
-63.64	-7.07	0.00209	-70.71	-14.14	0.00188
-77.78	-21.21	0.00168	-84.85	-28.28	0.00150
-91.92	-35.36	0.00133	-98.99	-42.43	0.00119
49.50	91.92	0.00119	42.43	84.85	0.00143
35.36	77.78	0.00173	28.28	70.71	0.00213
21.21	63.64	0.00263	14.14	56.57	0.00326
7.07	49.50	0.00402	0.00	42.43	0.00487
-3.54	38.89	0.00531	-7.07	35.36	0.00574
-9.19	33.23	0.00594	-10.61	31.82	0.00603
-12.02	30.41	0.00608	-13.44	28.99	0.00612
-14.85	27.58	0.00613	-27.58	14.85	0.00405
-28.99	13.44	0.00392	-30.41	12.02	0.00382

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	10.61	0.00372	-33.23	9.19	0.00364
-35.36	7.07	0.00352	-38.89	3.54	0.00335
-42.43	0.00	0.00318	-49.50	-7.07	0.00285
-56.57	-14.14	0.00253	-63.64	-21.21	0.00223
-70.71	-28.28	0.00195	-77.78	-35.36	0.00171
-84.85	-42.43	0.00150	-91.92	-49.50	0.00133
56.57	84.85	0.00111	49.50	77.78	0.00133
42.43	70.71	0.00162	35.36	63.64	0.00200
28.28	56.57	0.00250	21.21	49.50	0.00315
14.14	42.43	0.00395	7.07	35.36	0.00487
3.54	31.82	0.00533	0.00	28.28	0.00577
-2.12	26.16	0.00599	-3.54	24.75	0.00609
-4.95	23.33	0.00614	-6.36	21.92	0.00616
-7.78	20.51	0.00618	-20.51	7.78	0.00435
-21.92	6.36	0.00426	-23.33	4.95	0.00420
-24.75	3.54	0.00415	-26.16	2.12	0.00410
-28.28	0.00	0.00402	-31.82	-3.54	0.00388
-35.36	-7.07	0.00372	-42.43	-14.14	0.00335
-49.50	-21.21	0.00294	-56.57	-28.28	0.00255
-63.64	-35.36	0.00220	-70.71	-42.43	0.00191
-77.78	-49.50	0.00166	-84.85	-56.57	0.00145

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00102	56.57	70.71	0.00122
49.50	63.64	0.00148	42.43	56.57	0.00182
35.36	49.50	0.00229	28.28	42.43	0.00292
21.21	35.36	0.00374	14.14	28.28	0.00472
10.61	24.75	0.00522	7.07	21.21	0.00567
4.95	19.09	0.00591	3.54	17.68	0.00602
2.12	16.26	0.00610	0.71	14.85	0.00613
-0.71	13.44	0.00615	-13.44	0.71	0.00447
-14.85	-0.71	0.00441	-16.26	-2.12	0.00437
-17.68	-3.54	0.00434	-19.09	-4.95	0.00431
-21.21	-7.07	0.00427	-24.75	-10.61	0.00418
-28.28	-14.14	0.00404	-35.36	-21.21	0.00367
-42.43	-28.28	0.00324	-49.50	-35.36	0.00280

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-42.43	0.00241	-63.64	-49.50	0.00208
-70.71	-56.57	0.00180	-77.78	-63.64	0.00156
70.71	70.71	0.00092	63.64	63.64	0.00110
56.57	56.57	0.00132	49.50	49.50	0.00162
42.43	42.43	0.00202	35.36	35.36	0.00258
28.28	28.28	0.00337	21.21	21.21	0.00439
17.68	17.68	0.00495	14.14	14.14	0.00547
12.02	12.02	0.00572	10.61	10.61	0.00586
9.19	9.19	0.00596	7.78	7.78	0.00601
6.36	6.36	0.00604	-6.36	-6.36	0.00452
-7.78	-7.78	0.00446	-9.19	-9.19	0.00443
-10.61	-10.61	0.00441	-12.02	-12.02	0.00440
-14.14	-14.14	0.00438	-17.68	-17.68	0.00432
-21.21	-21.21	0.00420	-28.28	-28.28	0.00383
-35.36	-35.36	0.00339	-42.43	-42.43	0.00295
-49.50	-49.50	0.00255	-56.57	-56.57	0.00220
-63.64	-63.64	0.00190	-70.71	-70.71	0.00165
77.78	63.64	0.00082	70.71	56.57	0.00097
63.64	49.50	0.00116	56.57	42.43	0.00140
49.50	35.36	0.00173	42.43	28.28	0.00219
35.36	21.21	0.00286	28.28	14.14	0.00383
24.75	10.61	0.00443	21.21	7.07	0.00505
19.09	4.95	0.00538	17.68	3.54	0.00555
16.26	2.12	0.00569	14.85	0.71	0.00578
13.44	-0.71	0.00582	0.71	-13.44	0.00449
-0.71	-14.85	0.00444	-2.12	-16.26	0.00442
-3.54	-17.68	0.00441	-4.95	-19.09	0.00441

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 73
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00439	-10.61	-24.75	0.00433
-14.14	-28.28	0.00422	-21.21	-35.36	0.00386
-28.28	-42.43	0.00343	-35.36	-49.50	0.00300
-42.43	-56.57	0.00260	-49.50	-63.64	0.00225
-56.57	-70.71	0.00195	-63.64	-77.78	0.00169
84.85	56.57	0.00072	77.78	49.50	0.00083
70.71	42.43	0.00098	63.64	35.36	0.00118

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

56.57	28.28	0.00144	49.50	21.21	0.00178
42.43	14.14	0.00228	35.36	7.07	0.00305
31.82	3.54	0.00360	28.28	0.00	0.00427
26.16	-2.12	0.00468	24.75	-3.54	0.00494
23.33	-4.95	0.00515	21.92	-6.36	0.00532
20.51	-7.78	0.00544	7.78	-20.51	0.00440
6.36	-21.92	0.00435	4.95	-23.33	0.00434
3.54	-24.75	0.00433	2.12	-26.16	0.00432
0.00	-28.28	0.00430	-3.54	-31.82	0.00422
-7.07	-35.36	0.00410	-14.14	-42.43	0.00376
-21.21	-49.50	0.00335	-28.28	-56.57	0.00294
-35.36	-63.64	0.00256	-42.43	-70.71	0.00223
-49.50	-77.78	0.00194	-56.57	-84.85	0.00169
91.92	49.50	0.00061	84.85	42.43	0.00071
77.78	35.36	0.00082	70.71	28.28	0.00097
63.64	21.21	0.00115	56.57	14.14	0.00140
49.50	7.07	0.00173	42.43	0.00	0.00222
38.89	-3.54	0.00257	35.36	-7.07	0.00304
33.23	-9.19	0.00341	31.82	-10.61	0.00369
30.41	-12.02	0.00399	28.99	-13.44	0.00430
27.58	-14.85	0.00458	14.85	-27.58	0.00423
13.44	-28.99	0.00417	12.02	-30.41	0.00414
10.61	-31.82	0.00411	9.19	-33.23	0.00409
7.07	-35.36	0.00404	3.54	-38.89	0.00395
0.00	-42.43	0.00384	-7.07	-49.50	0.00352
-14.14	-56.57	0.00315	-21.21	-63.64	0.00278
-28.28	-70.71	0.00244	-35.36	-77.78	0.00214
-42.43	-84.85	0.00188	-49.50	-91.92	0.00165
98.99	42.43	0.00052	91.92	35.36	0.00059
84.85	28.28	0.00068	77.78	21.21	0.00078
70.71	14.14	0.00090	63.64	7.07	0.00105
56.57	0.00	0.00125	49.50	-7.07	0.00150
45.96	-10.61	0.00166	42.43	-14.14	0.00184

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 74
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00198	38.89	-17.68	0.00208

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

37.48	-19.09	0.00221	36.06	-20.51	0.00237
34.65	-21.92	0.00260	21.92	-34.65	0.00375
20.51	-36.06	0.00367	19.09	-37.48	0.00362
17.68	-38.89	0.00358	16.26	-40.31	0.00356
14.14	-42.43	0.00352	10.61	-45.96	0.00346
7.07	-49.50	0.00337	0.00	-56.57	0.00314
-7.07	-63.64	0.00285	-14.14	-70.71	0.00254
-21.21	-77.78	0.00226	-28.28	-84.85	0.00200
-35.36	-91.92	0.00177	-42.43	-98.99	0.00157
106.07	35.36	0.00044	98.99	28.28	0.00049
91.92	21.21	0.00055	84.85	14.14	0.00062
77.78	7.07	0.00070	70.71	0.00	0.00079
63.64	-7.07	0.00088	56.57	-14.14	0.00099
53.03	-17.68	0.00104	49.50	-21.21	0.00109
47.38	-23.33	0.00111	45.96	-24.75	0.00112
44.55	-26.16	0.00114	43.13	-27.58	0.00115
41.72	-28.99	0.00116	28.99	-41.72	0.00223
27.58	-43.13	0.00236	26.16	-44.55	0.00245
24.75	-45.96	0.00253	23.33	-47.38	0.00259
21.21	-49.50	0.00266	17.68	-53.03	0.00271
14.14	-56.57	0.00271	7.07	-63.64	0.00262
0.00	-70.71	0.00245	-7.07	-77.78	0.00224
-14.14	-84.85	0.00202	-21.21	-91.92	0.00182
-28.28	-98.99	0.00163	-35.36	-106.07	0.00147
113.14	28.28	0.00037	106.07	21.21	0.00041
98.99	14.14	0.00045	91.92	7.07	0.00049
84.85	0.00	0.00054	77.78	-7.07	0.00059
70.71	-14.14	0.00064	63.64	-21.21	0.00069
60.10	-24.75	0.00071	56.57	-28.28	0.00074
54.45	-30.41	0.00075	53.03	-31.82	0.00077
51.62	-33.23	0.00079	50.20	-34.65	0.00081
48.79	-36.06	0.00084	36.06	-48.79	0.00135
34.65	-50.20	0.00143	33.23	-51.62	0.00150
31.82	-53.03	0.00158	30.41	-54.45	0.00166
28.28	-56.57	0.00176	24.75	-60.10	0.00190
21.21	-63.64	0.00198	14.14	-70.71	0.00205
7.07	-77.78	0.00200	0.00	-84.85	0.00189
-7.07	-91.92	0.00175	-14.14	-98.99	0.00161
-21.21	-106.07	0.00147	-28.28	-113.14	0.00134

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
120.21	21.21	0.00031	113.14	14.14	0.00034	
106.07	7.07	0.00037	98.99	0.00	0.00040	
91.92	-7.07	0.00043	84.85	-14.14	0.00046	
77.78	-21.21	0.00049	70.71	-28.28	0.00052	
67.18	-31.82	0.00054	63.64	-35.36	0.00057	
61.52	-37.48	0.00059	60.10	-38.89	0.00061	
58.69	-40.31	0.00063	57.28	-41.72	0.00065	
55.86	-43.13	0.00068	43.13	-55.86	0.00100	
41.72	-57.28	0.00103	40.31	-58.69	0.00107	
38.89	-60.10	0.00111	37.48	-61.52	0.00115	
35.36	-63.64	0.00122	31.82	-67.18	0.00132	
28.28	-70.71	0.00141	21.21	-77.78	0.00153	
14.14	-84.85	0.00156	7.07	-91.92	0.00154	
0.00	-98.99	0.00147	-7.07	-106.07	0.00138	
-14.14	-113.14	0.00129	-21.21	-120.21	0.00120	
127.28	14.14	0.00027	120.21	7.07	0.00029	
113.14	0.00	0.00031	106.07	-7.07	0.00033	
98.99	-14.14	0.00034	91.92	-21.21	0.00036	
84.85	-28.28	0.00039	77.78	-35.36	0.00042	
74.25	-38.89	0.00044	70.71	-42.43	0.00047	
68.59	-44.55	0.00049	67.18	-45.96	0.00051	
65.76	-47.38	0.00052	64.35	-48.79	0.00055	
62.93	-50.20	0.00057	50.20	-62.93	0.00079	
48.79	-64.35	0.00081	47.38	-65.76	0.00082	
45.96	-67.18	0.00084	44.55	-68.59	0.00087	
42.43	-70.71	0.00091	38.89	-74.25	0.00097	
35.36	-77.78	0.00104	28.28	-84.85	0.00114	
21.21	-91.92	0.00120	14.14	-98.99	0.00122	
7.07	-106.07	0.00120	0.00	-113.14	0.00116	
-7.07	-120.21	0.00111	-14.14	-127.28	0.00105	
134.35	7.07	0.00023	127.28	0.00	0.00024	
120.21	-7.07	0.00026	113.14	-14.14	0.00027	
106.07	-21.21	0.00028	98.99	-28.28	0.00030	
91.92	-35.36	0.00032	84.85	-42.43	0.00035	
81.32	-45.96	0.00037	77.78	-49.50	0.00040	
75.66	-51.62	0.00041	74.25	-53.03	0.00043	
72.83	-54.45	0.00044	71.42	-55.86	0.00046	
70.00	-57.28	0.00048	57.28	-70.00	0.00064	
55.86	-71.42	0.00066	54.45	-72.83	0.00067	

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

53.03 -74.25 0.00068 51.62 -75.66 0.00069

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00071	45.96	-81.32	0.00075
42.43	-84.85	0.00079	35.36	-91.92	0.00088
28.28	-98.99	0.00093	21.21	-106.07	0.00096
14.14	-113.14	0.00097	7.07	-120.21	0.00096
0.00	-127.28	0.00094	-7.07	-134.35	0.00090
141.42	0.00	0.00020	134.35	-7.07	0.00021
127.28	-14.14	0.00022	120.21	-21.21	0.00023
113.14	-28.28	0.00024	106.07	-35.36	0.00025
98.99	-42.43	0.00027	91.92	-49.50	0.00030
88.39	-53.03	0.00032	84.85	-56.57	0.00034
82.73	-58.69	0.00036	81.32	-60.10	0.00037
79.90	-61.52	0.00038	78.49	-62.93	0.00039
77.07	-64.35	0.00041	64.35	-77.07	0.00053
62.93	-78.49	0.00054	61.52	-79.90	0.00055
60.10	-81.32	0.00056	58.69	-82.73	0.00056
56.57	-84.85	0.00057	53.03	-88.39	0.00060
49.50	-91.92	0.00063	42.43	-98.99	0.00069
35.36	-106.07	0.00074	28.28	-113.14	0.00077
21.21	-120.21	0.00079	14.14	-127.28	0.00079
7.07	-134.35	0.00079	0.00	-141.42	0.00077
148.49	-7.07	0.00017	141.42	-14.14	0.00018
134.35	-21.21	0.00019	127.28	-28.28	0.00019
120.21	-35.36	0.00020	113.14	-42.43	0.00022
106.07	-49.50	0.00023	98.99	-56.57	0.00026
95.46	-60.10	0.00028	91.92	-63.64	0.00030
89.80	-65.76	0.00031	88.39	-67.18	0.00032
86.97	-68.59	0.00033	85.56	-70.00	0.00034
84.15	-71.42	0.00035	71.42	-84.15	0.00045
70.00	-85.56	0.00046	68.59	-86.97	0.00046
67.18	-88.39	0.00047	65.76	-89.80	0.00047
63.64	-91.92	0.00048	60.10	-95.46	0.00049
56.57	-98.99	0.00051	49.50	-106.07	0.00055
42.43	-113.14	0.00060	35.36	-120.21	0.00063

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-127.28	0.00065	21.21	-134.35	0.00066
14.14	-141.42	0.00066	7.07	-148.49	0.00065
155.56	-14.14	0.00015	148.49	-21.21	0.00015
141.42	-28.28	0.00016	134.35	-35.36	0.00017
127.28	-42.43	0.00018	120.21	-49.50	0.00019
113.14	-56.57	0.00021	106.07	-63.64	0.00023
102.53	-67.18	0.00024	98.99	-70.71	0.00026

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00027	95.46	-74.25	0.00028
94.05	-75.66	0.00029	92.63	-77.07	0.00030
91.22	-78.49	0.00031	78.49	-91.22	0.00038
77.07	-92.63	0.00039	75.66	-94.05	0.00039
74.25	-95.46	0.00040	72.83	-96.87	0.00040
70.71	-98.99	0.00040	67.18	-102.53	0.00041
63.64	-106.07	0.00043	56.57	-113.14	0.00046
49.50	-120.21	0.00049	42.43	-127.28	0.00052
35.36	-134.35	0.00054	28.28	-141.42	0.00055
21.21	-148.49	0.00056	14.14	-155.56	0.00056
162.63	-21.21	0.00013	155.56	-28.28	0.00014
148.49	-35.36	0.00014	141.42	-42.43	0.00015
134.35	-49.50	0.00016	127.28	-56.57	0.00017
120.21	-63.64	0.00018	113.14	-70.71	0.00020
109.60	-74.25	0.00022	106.07	-77.78	0.00023
103.94	-79.90	0.00024	102.53	-81.32	0.00025
101.12	-82.73	0.00025	99.70	-84.15	0.00026
98.29	-85.56	0.00027	85.56	-98.29	0.00033
84.15	-99.70	0.00033	82.73	-101.12	0.00034
81.32	-102.53	0.00034	79.90	-103.94	0.00034
77.78	-106.07	0.00035	74.25	-109.60	0.00035
70.71	-113.14	0.00036	63.64	-120.21	0.00038
56.57	-127.28	0.00041	49.50	-134.35	0.00043
42.43	-141.42	0.00045	35.36	-148.49	0.00047
28.28	-155.56	0.00048	21.21	-162.63	0.00048
169.71	-28.28	0.00012	162.63	-35.36	0.00012
155.56	-42.43	0.00013	148.49	-49.50	0.00013

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-56.57	0.00014	134.35	-63.64	0.00015
127.28	-70.71	0.00017	120.21	-77.78	0.00018
116.67	-81.32	0.00019	113.14	-84.85	0.00020
111.02	-86.97	0.00021	109.60	-88.39	0.00022
108.19	-89.80	0.00022	106.77	-91.22	0.00023
105.36	-92.63	0.00024	92.63	-105.36	0.00029
91.22	-106.77	0.00029	89.80	-108.19	0.00029
88.39	-109.60	0.00030	86.97	-111.02	0.00030
84.85	-113.14	0.00030	81.32	-116.67	0.00031
77.78	-120.21	0.00031	70.71	-127.28	0.00033
63.64	-134.35	0.00035	56.57	-141.42	0.00037
49.50	-148.49	0.00039	42.43	-155.56	0.00040
35.36	-162.63	0.00041	28.28	-169.71	0.00041

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00010	169.71	-42.43	0.00011
162.63	-49.50	0.00011	155.56	-56.57	0.00012
148.49	-63.64	0.00013	141.42	-70.71	0.00014
134.35	-77.78	0.00015	127.28	-84.85	0.00016
123.74	-88.39	0.00017	120.21	-91.92	0.00018
118.09	-94.05	0.00019	116.67	-95.46	0.00020
115.26	-96.87	0.00020	113.84	-98.29	0.00021
112.43	-99.70	0.00021	99.70	-112.43	0.00025
98.29	-113.84	0.00025	96.87	-115.26	0.00026
95.46	-116.67	0.00026	94.05	-118.09	0.00026
91.92	-120.21	0.00026	88.39	-123.74	0.00027
84.85	-127.28	0.00027	77.78	-134.35	0.00028
70.71	-141.42	0.00030	63.64	-148.49	0.00031
56.57	-155.56	0.00033	49.50	-162.63	0.00034
42.43	-169.71	0.00035	35.36	-176.78	0.00036
183.85	-42.43	0.00009	176.78	-49.50	0.00010
169.71	-56.57	0.00010	162.63	-63.64	0.00011
155.56	-70.71	0.00012	148.49	-77.78	0.00012
141.42	-84.85	0.00014	134.35	-91.92	0.00015
130.81	-95.46	0.00016	127.28	-98.99	0.00017
125.16	-101.12	0.00017	123.74	-102.53	0.00018

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

122.33	-103.94	0.00018	120.92	-105.36	0.00018
119.50	-106.77	0.00019	106.77	-119.50	0.00022
105.36	-120.92	0.00022	103.94	-122.33	0.00023
102.53	-123.74	0.00023	101.12	-125.16	0.00023
98.99	-127.28	0.00023	95.46	-130.81	0.00024
91.92	-134.35	0.00024	84.85	-141.42	0.00025
77.78	-148.49	0.00026	70.71	-155.56	0.00027
63.64	-162.63	0.00029	56.57	-169.71	0.00030
49.50	-176.78	0.00031	42.43	-183.85	0.00032
190.92	-49.50	0.00008	183.85	-56.57	0.00009
176.78	-63.64	0.00009	169.71	-70.71	0.00010
162.63	-77.78	0.00011	155.56	-84.85	0.00011
148.49	-91.92	0.00012	141.42	-98.99	0.00013
137.89	-102.53	0.00014	134.35	-106.07	0.00015
132.23	-108.19	0.00015	130.81	-109.60	0.00016
129.40	-111.02	0.00016	127.99	-112.43	0.00017
126.57	-113.84	0.00017	113.84	-126.57	0.00020
112.43	-127.99	0.00020	111.02	-129.40	0.00020
109.60	-130.81	0.00020	108.19	-132.23	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:

PAGE 79

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00021	102.53	-137.89	0.00021
98.99	-141.42	0.00021	91.92	-148.49	0.00022
84.85	-155.56	0.00023	77.78	-162.63	0.00024
70.71	-169.71	0.00025	63.64	-176.78	0.00026
56.57	-183.85	0.00027	49.50	-190.92	0.00028
197.99	-56.57	0.00008	190.92	-63.64	0.00008
183.85	-70.71	0.00009	176.78	-77.78	0.00009
169.71	-84.85	0.00010	162.63	-91.92	0.00010
155.56	-98.99	0.00011	148.49	-106.07	0.00012
144.96	-109.60	0.00013	141.42	-113.14	0.00014
139.30	-115.26	0.00014	137.89	-116.67	0.00014
136.47	-118.09	0.00015	135.06	-119.50	0.00015
133.64	-120.92	0.00015	120.92	-133.64	0.00018
119.50	-135.06	0.00018	118.09	-136.47	0.00018
116.67	-137.89	0.00018	115.26	-139.30	0.00018

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

113.14	-141.42	0.00019	109.60	-144.96	0.00019
106.07	-148.49	0.00019	98.99	-155.56	0.00020
91.92	-162.63	0.00020	84.85	-169.71	0.00021
77.78	-176.78	0.00022	70.71	-183.85	0.00023
63.64	-190.92	0.00024	56.57	-197.99	0.00025
205.06	-63.64	0.00007	197.99	-70.71	0.00008
190.92	-77.78	0.00008	183.85	-84.85	0.00008
176.78	-91.92	0.00009	169.71	-98.99	0.00010
162.63	-106.07	0.00010	155.56	-113.14	0.00011
152.03	-116.67	0.00012	148.49	-120.21	0.00012
146.37	-122.33	0.00013	144.96	-123.74	0.00013
143.54	-125.16	0.00013	142.13	-126.57	0.00014
140.71	-127.99	0.00014	127.99	-140.71	0.00016
126.57	-142.13	0.00016	125.16	-143.54	0.00016
123.74	-144.96	0.00016	122.33	-146.37	0.00017
120.21	-148.49	0.00017	116.67	-152.03	0.00017
113.14	-155.56	0.00017	106.07	-162.63	0.00018
98.99	-169.71	0.00018	91.92	-176.78	0.00019
84.85	-183.85	0.00019	77.78	-190.92	0.00020
70.71	-197.99	0.00021	63.64	-205.06	0.00022
212.13	-70.71	0.00007	205.06	-77.78	0.00007
197.99	-84.85	0.00007	190.92	-91.92	0.00008
183.85	-98.99	0.00008	176.78	-106.07	0.00009
169.71	-113.14	0.00010	162.63	-120.21	0.00010
159.10	-123.74	0.00011	155.56	-127.28	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00012	152.03	-130.81	0.00012
150.61	-132.23	0.00012	149.20	-133.64	0.00012
147.79	-135.06	0.00013	135.06	-147.79	0.00014
133.64	-149.20	0.00015	132.23	-150.61	0.00015
130.81	-152.03	0.00015	129.40	-153.44	0.00015
127.28	-155.56	0.00015	123.74	-159.10	0.00015
120.21	-162.63	0.00016	113.14	-169.71	0.00016
106.07	-176.78	0.00016	98.99	-183.85	0.00017
91.92	-190.92	0.00017	84.85	-197.99	0.00018

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-205.06	0.00019	70.71	-212.13	0.00019
219.20	-77.78	0.00006	212.13	-84.85	0.00007
205.06	-91.92	0.00007	197.99	-98.99	0.00007
190.92	-106.07	0.00008	183.85	-113.14	0.00008
176.78	-120.21	0.00009	169.71	-127.28	0.00010
166.17	-130.81	0.00010	162.63	-134.35	0.00011
160.51	-136.47	0.00011	159.10	-137.89	0.00011
157.68	-139.30	0.00011	156.27	-140.71	0.00011
154.86	-142.13	0.00012	142.13	-154.86	0.00013
140.71	-156.27	0.00013	139.30	-157.68	0.00013
137.89	-159.10	0.00014	136.47	-160.51	0.00014
134.35	-162.63	0.00014	130.81	-166.17	0.00014
127.28	-169.71	0.00014	120.21	-176.78	0.00014
113.14	-183.85	0.00015	106.07	-190.92	0.00015
98.99	-197.99	0.00016	91.92	-205.06	0.00016
84.85	-212.13	0.00017	77.78	-219.20	0.00017
226.27	-84.85	0.00006	219.20	-91.92	0.00006
212.13	-98.99	0.00006	205.06	-106.07	0.00007
197.99	-113.14	0.00007	190.92	-120.21	0.00008
183.85	-127.28	0.00008	176.78	-134.35	0.00009
173.24	-137.89	0.00009	169.71	-141.42	0.00010
167.58	-143.54	0.00010	166.17	-144.96	0.00010
164.76	-146.37	0.00010	163.34	-147.79	0.00011
161.93	-149.20	0.00011	149.20	-161.93	0.00012
147.79	-163.34	0.00012	146.37	-164.76	0.00012
144.96	-166.17	0.00012	143.54	-167.58	0.00012
141.42	-169.71	0.00013	137.89	-173.24	0.00013
134.35	-176.78	0.00013	127.28	-183.85	0.00013
120.21	-190.92	0.00013	113.14	-197.99	0.00014
106.07	-205.06	0.00014	98.99	-212.13	0.00015
91.92	-219.20	0.00015	84.85	-226.27	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00005	226.27	-98.99	0.00006
219.20	-106.07	0.00006	212.13	-113.14	0.00006
205.06	-120.21	0.00007	197.99	-127.28	0.00007

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-134.35	0.00008	183.85	-141.42	0.00008
180.31	-144.96	0.00009	176.78	-148.49	0.00009
174.66	-150.61	0.00009	173.24	-152.03	0.00009
171.83	-153.44	0.00010	170.41	-154.86	0.00010
169.00	-156.27	0.00010	156.27	-169.00	0.00011
154.86	-170.41	0.00011	153.44	-171.83	0.00011
152.03	-173.24	0.00011	150.61	-174.66	0.00011
148.49	-176.78	0.00012	144.96	-180.31	0.00012
141.42	-183.85	0.00012	134.35	-190.92	0.00012
127.28	-197.99	0.00012	120.21	-205.06	0.00013
113.14	-212.13	0.00013	106.07	-219.20	0.00013
98.99	-226.27	0.00014	91.92	-233.35	0.00014
240.42	-98.99	0.00005	233.35	-106.07	0.00005
226.27	-113.14	0.00006	219.20	-120.21	0.00006
212.13	-127.28	0.00006	205.06	-134.35	0.00007
197.99	-141.42	0.00007	190.92	-148.49	0.00008
187.38	-152.03	0.00008	183.85	-155.56	0.00008
181.73	-157.68	0.00009	180.31	-159.10	0.00009
178.90	-160.51	0.00009	177.48	-161.93	0.00009
176.07	-163.34	0.00009	163.34	-176.07	0.00010
161.93	-177.48	0.00010	160.51	-178.90	0.00010
159.10	-180.31	0.00010	157.68	-181.73	0.00011
155.56	-183.85	0.00011	152.03	-187.38	0.00011
148.49	-190.92	0.00011	141.42	-197.99	0.00011
134.35	-205.06	0.00011	127.28	-212.13	0.00012
120.21	-219.20	0.00012	113.14	-226.27	0.00012
106.07	-233.35	0.00012	98.99	-240.42	0.00013
247.49	-106.07	0.00005	240.42	-113.14	0.00005
233.35	-120.21	0.00005	226.27	-127.28	0.00006
219.20	-134.35	0.00006	212.13	-141.42	0.00006
205.06	-148.49	0.00007	197.99	-155.56	0.00007
194.45	-159.10	0.00008	190.92	-162.63	0.00008
188.80	-164.76	0.00008	187.38	-166.17	0.00008
185.97	-167.58	0.00008	184.55	-169.00	0.00008
183.14	-170.41	0.00009	170.41	-183.14	0.00009
169.00	-184.55	0.00010	167.58	-185.97	0.00010
166.17	-187.38	0.00010	164.76	-188.80	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00010	159.10	-194.45	0.00010
155.56	-197.99	0.00010	148.49	-205.06	0.00010
141.42	-212.13	0.00010	134.35	-219.20	0.00011
127.28	-226.27	0.00011	120.21	-233.35	0.00011
113.14	-240.42	0.00011	106.07	-247.49	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00058	-113.14	240.42	0.00056
-120.21	233.35	0.00053	-127.28	226.27	0.00049
-134.35	219.20	0.00045	-141.42	212.13	0.00041
-148.49	205.06	0.00038	-155.56	197.99	0.00036
-159.10	194.45	0.00034	-162.63	190.92	0.00033
-164.76	188.80	0.00032	-166.17	187.38	0.00031
-167.58	185.97	0.00031	-169.00	184.55	0.00031
-170.41	183.14	0.00030	-183.14	170.41	0.00028
-184.55	169.00	0.00028	-185.97	167.58	0.00027
-187.38	166.17	0.00027	-188.80	164.76	0.00027
-190.92	162.63	0.00026	-194.45	159.10	0.00026
-197.99	155.56	0.00025	-205.06	148.49	0.00023
-212.13	141.42	0.00022	-219.20	134.35	0.00020
-226.27	127.28	0.00020	-233.35	120.21	0.00020
-240.42	113.14	0.00020	-247.49	106.07	0.00021
-98.99	240.42	0.00066	-106.07	233.35	0.00065
-113.14	226.27	0.00062	-120.21	219.20	0.00058
-127.28	212.13	0.00053	-134.35	205.06	0.00049
-141.42	197.99	0.00045	-148.49	190.92	0.00041
-152.03	187.38	0.00039	-155.56	183.85	0.00038
-157.68	181.73	0.00036	-159.10	180.31	0.00036
-160.51	178.90	0.00035	-161.93	177.48	0.00035
-163.34	176.07	0.00034	-176.07	163.34	0.00031
-177.48	161.93	0.00031	-178.90	160.51	0.00031
-180.31	159.10	0.00030	-181.73	157.68	0.00030
-183.85	155.56	0.00029	-187.38	152.03	0.00028

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	148.49	0.00027	-197.99	141.42	0.00025
-205.06	134.35	0.00024	-212.13	127.28	0.00023
-219.20	120.21	0.00022	-226.27	113.14	0.00023
-233.35	106.07	0.00023	-240.42	98.99	0.00024
-91.92	233.35	0.00075	-99.00	226.27	0.00075
-106.07	219.20	0.00074	-113.14	212.13	0.00070
-120.21	205.06	0.00064	-127.28	197.99	0.00058
-134.35	190.92	0.00052	-141.42	183.85	0.00048
-144.96	180.31	0.00046	-148.49	176.78	0.00043
-150.61	174.66	0.00042	-152.03	173.24	0.00041
-153.44	171.83	0.00040	-154.86	170.41	0.00040
-156.27	169.00	0.00039	-169.00	156.27	0.00035
-170.41	154.86	0.00035	-171.83	153.44	0.00035
-173.24	152.03	0.00034	-174.66	150.61	0.00034

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00033	-180.31	144.96	0.00032
-183.85	141.42	0.00030	-190.92	134.35	0.00028
-197.99	127.28	0.00026	-205.06	120.21	0.00026
-212.13	113.14	0.00026	-219.20	106.07	0.00026
-226.27	98.99	0.00027	-233.35	91.92	0.00027
-84.85	226.27	0.00085	-91.92	219.20	0.00087
-99.00	212.13	0.00087	-106.07	205.06	0.00084
-113.14	197.99	0.00078	-120.21	190.92	0.00070
-127.28	183.85	0.00063	-134.35	176.78	0.00056
-137.89	173.24	0.00054	-141.42	169.71	0.00051
-143.54	167.58	0.00049	-144.96	166.17	0.00048
-146.37	164.76	0.00047	-147.79	163.34	0.00046
-149.20	161.93	0.00045	-161.93	149.20	0.00040
-163.34	147.79	0.00040	-164.76	146.37	0.00039
-166.17	144.96	0.00039	-167.58	143.54	0.00038
-169.71	141.42	0.00037	-173.24	137.89	0.00036
-176.78	134.35	0.00034	-183.85	127.28	0.00031
-190.92	120.21	0.00030	-197.99	113.14	0.00030
-205.06	106.07	0.00030	-212.13	98.99	0.00031
-219.20	91.92	0.00031	-226.27	84.85	0.00032

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	219.20	0.00094	-84.85	212.13	0.00099
-91.92	205.06	0.00101	-99.00	197.99	0.00101
-106.07	190.92	0.00096	-113.14	183.85	0.00088
-120.21	176.78	0.00077	-127.28	169.71	0.00068
-130.81	166.17	0.00064	-134.35	162.63	0.00060
-136.47	160.51	0.00058	-137.89	159.10	0.00056
-139.30	157.68	0.00055	-140.71	156.27	0.00054
-142.13	154.86	0.00052	-154.86	142.13	0.00046
-156.27	140.71	0.00045	-157.68	139.30	0.00045
-159.10	137.89	0.00044	-160.51	136.47	0.00043
-162.63	134.35	0.00042	-166.17	130.81	0.00040
-169.71	127.28	0.00038	-176.78	120.21	0.00036
-183.85	113.14	0.00035	-190.92	106.07	0.00035
-197.99	98.99	0.00036	-205.06	91.92	0.00036
-212.13	84.85	0.00037	-219.20	77.78	0.00037
-70.71	212.13	0.00103	-77.78	205.06	0.00111
-84.85	197.99	0.00117	-91.92	190.92	0.00120
-98.99	183.85	0.00118	-106.07	176.78	0.00110
-113.14	169.71	0.00098	-120.21	162.63	0.00084
-123.74	159.10	0.00078	-127.28	155.56	0.00073

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00070	-130.81	152.03	0.00068
-132.23	150.61	0.00066	-133.64	149.20	0.00064
-135.06	147.79	0.00062	-147.79	135.06	0.00053
-149.20	133.64	0.00052	-150.61	132.23	0.00052
-152.03	130.81	0.00051	-153.44	129.40	0.00050
-155.56	127.28	0.00048	-159.10	123.74	0.00046
-162.63	120.21	0.00044	-169.71	113.14	0.00041
-176.78	106.07	0.00041	-183.85	98.99	0.00042
-190.92	91.92	0.00043	-197.99	84.85	0.00043
-205.06	77.78	0.00043	-212.13	70.71	0.00043
-63.64	205.06	0.00112	-70.71	197.99	0.00123
-77.78	190.92	0.00133	-84.85	183.85	0.00141
-91.92	176.78	0.00144	-98.99	169.71	0.00140
-106.07	162.63	0.00127	-113.14	155.56	0.00108

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-116.67	152.03	0.00099	-120.21	148.49	0.00090
-122.33	146.37	0.00086	-123.74	144.96	0.00083
-125.16	143.54	0.00080	-126.57	142.13	0.00077
-127.99	140.71	0.00075	-140.71	127.99	0.00062
-142.13	126.57	0.00061	-143.54	125.16	0.00060
-144.96	123.74	0.00058	-146.37	122.33	0.00057
-148.49	120.21	0.00055	-152.03	116.67	0.00052
-155.56	113.14	0.00050	-162.63	106.07	0.00049
-169.71	98.99	0.00050	-176.78	91.92	0.00051
-183.85	84.85	0.00052	-190.92	77.78	0.00052
-197.99	70.71	0.00051	-205.06	63.64	0.00050
-56.57	197.99	0.00119	-63.64	190.92	0.00133
-70.71	183.85	0.00148	-77.78	176.78	0.00162
-84.85	169.71	0.00173	-91.92	162.63	0.00176
-98.99	155.56	0.00168	-106.07	148.49	0.00146
-109.60	144.96	0.00131	-113.14	141.42	0.00117
-115.26	139.30	0.00109	-116.67	137.89	0.00105
-118.09	136.47	0.00100	-119.50	135.06	0.00096
-120.92	133.64	0.00092	-133.64	120.92	0.00073
-135.06	119.50	0.00071	-136.47	118.09	0.00069
-137.89	116.67	0.00068	-139.30	115.26	0.00066
-141.42	113.14	0.00064	-144.96	109.60	0.00061
-148.49	106.07	0.00060	-155.56	98.99	0.00060
-162.63	91.92	0.00062	-169.71	84.85	0.00063
-176.78	77.78	0.00063	-183.85	70.71	0.00062
-190.92	63.64	0.00060	-197.99	56.57	0.00058

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTS:
 PAGE 86
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00124	-56.57	183.85	0.00142
-63.64	176.78	0.00161	-70.71	169.71	0.00181
-77.78	162.63	0.00200	-84.85	155.56	0.00215
-91.92	148.49	0.00220	-98.99	141.42	0.00203
-102.53	137.89	0.00184	-106.07	134.35	0.00162
-108.19	132.23	0.00148	-109.60	130.81	0.00139
-111.02	129.40	0.00131	-112.43	127.99	0.00123
-113.84	126.57	0.00117	-126.57	113.84	0.00086

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	112.43	0.00083	-129.40	111.02	0.00081
-130.81	109.60	0.00079	-132.23	108.19	0.00077
-134.35	106.07	0.00075	-137.89	102.53	0.00074
-141.42	98.99	0.00074	-148.49	91.92	0.00076
-155.56	84.85	0.00078	-162.63	77.78	0.00078
-169.71	70.71	0.00077	-176.78	63.64	0.00075
-183.85	56.57	0.00071	-190.92	49.50	0.00068
-42.43	183.85	0.00128	-49.50	176.78	0.00149
-56.57	169.71	0.00172	-63.64	162.63	0.00198
-70.71	155.56	0.00226	-77.78	148.49	0.00253
-84.85	141.42	0.00275	-91.92	134.35	0.00280
-95.46	130.81	0.00268	-98.99	127.28	0.00241
-101.12	125.16	0.00219	-102.53	123.74	0.00203
-103.94	122.33	0.00187	-105.36	120.92	0.00171
-106.77	119.50	0.00157	-119.50	106.77	0.00101
-120.92	105.36	0.00099	-122.33	103.94	0.00096
-123.74	102.53	0.00094	-125.16	101.12	0.00093
-127.28	98.99	0.00093	-130.81	95.46	0.00094
-134.35	91.92	0.00096	-141.42	84.85	0.00099
-148.49	77.78	0.00099	-155.56	70.71	0.00098
-162.63	63.64	0.00095	-169.71	56.57	0.00090
-176.78	49.50	0.00085	-183.85	42.43	0.00079
-35.36	176.78	0.00130	-42.43	169.71	0.00152
-49.50	162.63	0.00179	-56.57	155.56	0.00211
-63.64	148.49	0.00247	-70.71	141.42	0.00286
-77.78	134.35	0.00326	-84.85	127.28	0.00360
-88.39	123.74	0.00369	-91.92	120.21	0.00362
-94.05	118.09	0.00345	-95.46	116.67	0.00326
-96.87	115.26	0.00302	-98.29	113.84	0.00273
-99.70	112.43	0.00243	-112.43	99.70	0.00123
-113.84	98.29	0.00121	-115.26	96.87	0.00120
-116.67	95.46	0.00121	-118.09	94.05	0.00121

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTS:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00123	-123.74	88.39	0.00126
-127.28	84.85	0.00129	-134.35	77.78	0.00131

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	70.71	0.00129	-148.49	63.64	0.00124
-155.56	56.57	0.00116	-162.63	49.50	0.00108
-169.71	42.43	0.00100	-176.78	35.36	0.00092
-28.28	169.71	0.00128	-35.36	162.63	0.00152
-42.43	155.56	0.00182	-49.50	148.49	0.00218
-56.57	141.42	0.00261	-63.64	134.35	0.00311
-70.71	127.28	0.00367	-77.78	120.21	0.00426
-81.32	116.67	0.00456	-84.85	113.14	0.00479
-86.97	111.02	0.00486	-88.39	109.60	0.00486
-89.80	108.19	0.00482	-91.22	106.77	0.00468
-92.63	105.36	0.00440	-105.36	92.63	0.00172
-106.77	91.22	0.00173	-108.19	89.80	0.00174
-109.60	88.39	0.00175	-111.02	86.97	0.00176
-113.14	84.85	0.00178	-116.67	81.32	0.00179
-120.21	77.78	0.00179	-127.28	70.71	0.00175
-134.35	63.64	0.00166	-141.42	56.57	0.00154
-148.49	49.50	0.00141	-155.56	42.43	0.00128
-162.63	35.36	0.00116	-169.71	28.28	0.00105
-21.21	162.63	0.00125	-28.28	155.56	0.00149
-35.36	148.49	0.00180	-42.43	141.42	0.00219
-49.50	134.35	0.00267	-56.57	127.28	0.00325
-63.64	120.21	0.00393	-70.71	113.14	0.00469
-74.25	109.60	0.00510	-77.78	106.07	0.00548
-79.90	103.94	0.00566	-81.32	102.53	0.00575
-82.73	101.12	0.00581	-84.15	99.70	0.00589
-85.56	98.29	0.00589	-98.29	85.56	0.00322
-99.70	84.15	0.00303	-101.12	82.73	0.00290
-102.53	81.32	0.00280	-103.94	79.90	0.00273
-106.07	77.78	0.00265	-109.60	74.25	0.00254
-113.14	70.71	0.00246	-120.21	63.64	0.00228
-127.28	56.57	0.00209	-134.35	49.50	0.00188
-141.42	42.43	0.00168	-148.49	35.36	0.00150
-155.56	28.28	0.00133	-162.63	21.21	0.00119
-14.14	155.56	0.00119	-21.21	148.49	0.00143
-28.28	141.42	0.00173	-35.36	134.35	0.00213
-42.43	127.28	0.00263	-49.50	120.21	0.00326
-56.57	113.14	0.00402	-63.64	106.07	0.00487
-67.18	102.53	0.00531	-70.71	98.99	0.00574

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00594	-74.25	95.46	0.00603
-75.66	94.05	0.00608	-77.07	92.63	0.00612
-78.49	91.22	0.00613	-91.22	78.49	0.00405
-92.63	77.07	0.00392	-94.05	75.66	0.00382
-95.46	74.25	0.00372	-96.87	72.83	0.00364
-98.99	70.71	0.00353	-102.53	67.18	0.00335
-106.07	63.64	0.00318	-113.14	56.57	0.00285
-120.21	49.50	0.00253	-127.28	42.43	0.00223
-134.35	35.36	0.00195	-141.42	28.28	0.00171
-148.49	21.21	0.00150	-155.56	14.14	0.00133
-7.07	148.49	0.00111	-14.14	141.42	0.00133
-21.21	134.35	0.00162	-28.28	127.28	0.00200
-35.36	120.21	0.00250	-42.43	113.14	0.00315
-49.50	106.07	0.00395	-56.57	98.99	0.00487
-60.10	95.46	0.00533	-63.64	91.92	0.00577
-65.76	89.80	0.00599	-67.18	88.39	0.00609
-68.59	86.97	0.00614	-70.00	85.56	0.00616
-71.42	84.15	0.00618	-84.15	71.42	0.00435
-85.56	70.00	0.00426	-86.97	68.59	0.00420
-88.39	67.18	0.00415	-89.80	65.76	0.00410
-91.92	63.64	0.00402	-95.46	60.10	0.00388
-98.99	56.57	0.00373	-106.07	49.50	0.00335
-113.14	42.43	0.00294	-120.21	35.36	0.00255
-127.28	28.28	0.00220	-134.35	21.21	0.00191
-141.42	14.14	0.00166	-148.49	7.07	0.00145
0.00	141.42	0.00102	-7.07	134.35	0.00122
-14.14	127.28	0.00148	-21.21	120.21	0.00182
-28.28	113.14	0.00229	-35.36	106.07	0.00292
-42.43	98.99	0.00374	-49.50	91.92	0.00472
-53.03	88.39	0.00522	-56.57	84.85	0.00567
-58.69	82.73	0.00591	-60.10	81.32	0.00602
-61.52	79.90	0.00610	-62.93	78.49	0.00613
-64.35	77.07	0.00615	-77.07	64.35	0.00447
-78.49	62.93	0.00441	-79.90	61.52	0.00437
-81.32	60.10	0.00434	-82.73	58.69	0.00431
-84.85	56.57	0.00427	-88.39	53.03	0.00418
-91.92	49.50	0.00404	-98.99	42.43	0.00367
-106.07	35.36	0.00324	-113.14	28.28	0.00280
-120.21	21.21	0.00241	-127.28	14.14	0.00208
-134.35	7.07	0.00180	-141.42	0.00	0.00156

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:33:00

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00092	0.00	127.28	0.00110
-7.07	120.21	0.00132	-14.14	113.14	0.00162
-21.21	106.07	0.00202	-28.28	98.99	0.00258
-35.36	91.92	0.00337	-42.43	84.85	0.00439
-45.96	81.32	0.00495	-49.50	77.78	0.00547
-51.62	75.66	0.00572	-53.03	74.25	0.00586
-54.45	72.83	0.00596	-55.86	71.42	0.00601
-57.28	70.00	0.00604	-70.00	57.28	0.00452
-71.42	55.86	0.00446	-72.83	54.45	0.00443
-74.25	53.03	0.00441	-75.66	51.62	0.00440
-77.78	49.50	0.00438	-81.32	45.96	0.00432
-84.85	42.43	0.00420	-91.92	35.36	0.00383
-98.99	28.28	0.00339	-106.07	21.21	0.00295
-113.14	14.14	0.00255	-120.21	7.07	0.00220
-127.28	0.00	0.00190	-134.35	-7.07	0.00165
14.14	127.28	0.00082	7.07	120.21	0.00097
0.00	113.14	0.00116	-7.07	106.07	0.00140
-14.14	98.99	0.00173	-21.21	91.92	0.00219
-28.28	84.85	0.00286	-35.36	77.78	0.00383
-38.89	74.25	0.00443	-42.43	70.71	0.00505
-44.55	68.59	0.00538	-45.96	67.18	0.00555
-47.38	65.76	0.00569	-48.79	64.35	0.00578
-50.20	62.93	0.00582	-62.93	50.20	0.00449
-64.35	48.79	0.00444	-65.76	47.38	0.00442
-67.18	45.96	0.00441	-68.59	44.55	0.00441
-70.71	42.43	0.00439	-74.25	38.89	0.00433
-77.78	35.36	0.00422	-84.85	28.28	0.00386
-91.92	21.21	0.00343	-98.99	14.14	0.00300
-106.07	7.07	0.00260	-113.14	0.00	0.00225
-120.21	-7.07	0.00195	-127.28	-14.14	0.00169
21.21	120.21	0.00072	14.14	113.14	0.00083
7.07	106.07	0.00098	0.00	98.99	0.00118
-7.07	91.92	0.00144	-14.14	84.85	0.00178
-21.21	77.78	0.00228	-28.28	70.71	0.00305

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	67.18	0.00360	-35.36	63.64	0.00427
-37.48	61.52	0.00468	-38.89	60.10	0.00494
-40.31	58.69	0.00515	-41.72	57.28	0.00532
-43.13	55.86	0.00544	-55.86	43.13	0.00440
-57.28	41.72	0.00435	-58.69	40.31	0.00434
-60.10	38.89	0.00433	-61.52	37.48	0.00432

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 90

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00430	-67.18	31.82	0.00422
-70.71	28.28	0.00410	-77.78	21.21	0.00376
-84.85	14.14	0.00335	-91.92	7.07	0.00294
-98.99	0.00	0.00256	-106.07	-7.07	0.00223
-113.14	-14.14	0.00194	-120.21	-21.21	0.00169
28.28	113.14	0.00061	21.21	106.07	0.00071
14.14	98.99	0.00082	7.07	91.92	0.00097
0.00	84.85	0.00115	-7.07	77.78	0.00140
-14.14	70.71	0.00173	-21.21	63.64	0.00222
-24.75	60.10	0.00257	-28.28	56.57	0.00304
-30.41	54.45	0.00341	-31.82	53.03	0.00369
-33.23	51.62	0.00399	-34.65	50.20	0.00430
-36.06	48.79	0.00458	-48.79	36.06	0.00423
-50.20	34.65	0.00417	-51.62	33.23	0.00414
-53.03	31.82	0.00411	-54.45	30.41	0.00409
-56.57	28.28	0.00404	-60.10	24.75	0.00395
-63.64	21.21	0.00384	-70.71	14.14	0.00352
-77.78	7.07	0.00315	-84.85	0.00	0.00278
-91.92	-7.07	0.00244	-98.99	-14.14	0.00214
-106.07	-21.21	0.00188	-113.14	-28.28	0.00165
35.36	106.07	0.00052	28.28	98.99	0.00059
21.21	91.92	0.00068	14.14	84.85	0.00078
7.07	77.78	0.00090	0.00	70.71	0.00105
-7.07	63.64	0.00125	-14.14	56.57	0.00150
-17.68	53.03	0.00166	-21.21	49.50	0.00184
-23.33	47.38	0.00198	-24.75	45.96	0.00208
-26.16	44.55	0.00221	-27.58	43.13	0.00237
-28.99	41.72	0.00260	-41.72	28.99	0.00375

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	27.58	0.00367	-44.55	26.16	0.00362
-45.96	24.75	0.00358	-47.38	23.33	0.00356
-49.50	21.21	0.00352	-53.03	17.68	0.00346
-56.57	14.14	0.00337	-63.64	7.07	0.00314
-70.71	0.00	0.00285	-77.78	-7.07	0.00254
-84.85	-14.14	0.00226	-91.92	-21.21	0.00200
-98.99	-28.28	0.00177	-106.07	-35.36	0.00157
42.43	98.99	0.00044	35.36	91.92	0.00049
28.28	84.85	0.00055	21.21	77.78	0.00062
14.14	70.71	0.00070	7.07	63.64	0.00079
0.00	56.57	0.00088	-7.07	49.50	0.00099
-10.61	45.96	0.00104	-14.14	42.43	0.00109

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 91
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00111	-17.68	38.89	0.00112
-19.09	37.48	0.00113	-20.51	36.06	0.00115
-21.92	34.65	0.00116	-34.65	21.92	0.00223
-36.06	20.51	0.00236	-37.48	19.09	0.00245
-38.89	17.68	0.00253	-40.31	16.26	0.00259
-42.43	14.14	0.00266	-45.96	10.61	0.00271
-49.50	7.07	0.00271	-56.57	0.00	0.00262
-63.64	-7.07	0.00245	-70.71	-14.14	0.00224
-77.78	-21.21	0.00202	-84.85	-28.28	0.00182
-91.92	-35.36	0.00163	-98.99	-42.43	0.00147
49.50	91.92	0.00037	42.43	84.85	0.00041
35.36	77.78	0.00045	28.28	70.71	0.00049
21.21	63.64	0.00054	14.14	56.57	0.00059
7.07	49.50	0.00064	0.00	42.43	0.00069
-3.54	38.89	0.00071	-7.07	35.36	0.00074
-9.19	33.23	0.00075	-10.61	31.82	0.00077
-12.02	30.41	0.00079	-13.44	28.99	0.00081
-14.85	27.58	0.00084	-27.58	14.85	0.00135
-28.99	13.44	0.00143	-30.41	12.02	0.00150
-31.82	10.61	0.00158	-33.23	9.19	0.00166
-35.36	7.07	0.00176	-38.89	3.54	0.00190
-42.43	0.00	0.00198	-49.50	-7.07	0.00205

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-14.14	0.00200	-63.64	-21.21	0.00189
-70.71	-28.28	0.00175	-77.78	-35.36	0.00161
-84.85	-42.43	0.00147	-91.92	-49.50	0.00134
56.57	84.85	0.00031	49.50	77.78	0.00034
42.43	70.71	0.00037	35.36	63.64	0.00040
28.28	56.57	0.00043	21.21	49.50	0.00046
14.14	42.43	0.00049	7.07	35.36	0.00052
3.54	31.82	0.00054	0.00	28.28	0.00057
-2.12	26.16	0.00059	-3.54	24.75	0.00061
-4.95	23.33	0.00063	-6.36	21.92	0.00065
-7.78	20.51	0.00068	-20.51	7.78	0.00100
-21.92	6.36	0.00103	-23.33	4.95	0.00107
-24.75	3.54	0.00111	-26.16	2.12	0.00115
-28.28	0.00	0.00122	-31.82	-3.54	0.00132
-35.36	-7.07	0.00141	-42.43	-14.14	0.00153
-49.50	-21.21	0.00156	-56.57	-28.28	0.00154
-63.64	-35.36	0.00147	-70.71	-42.43	0.00138
-77.78	-49.50	0.00129	-84.85	-56.57	0.00120

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 92
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00027	56.57	70.71	0.00029
49.50	63.64	0.00031	42.43	56.57	0.00033
35.36	49.50	0.00034	28.28	42.43	0.00036
21.21	35.36	0.00039	14.14	28.28	0.00042
10.61	24.75	0.00044	7.07	21.21	0.00047
4.95	19.09	0.00049	3.54	17.68	0.00051
2.12	16.26	0.00052	0.71	14.85	0.00055
-0.71	13.44	0.00057	-13.44	0.71	0.00079
-14.85	-0.71	0.00081	-16.26	-2.12	0.00082
-17.68	-3.54	0.00084	-19.09	-4.95	0.00087
-21.21	-7.07	0.00091	-24.75	-10.61	0.00097
-28.28	-14.14	0.00104	-35.36	-21.21	0.00114
-42.43	-28.28	0.00120	-49.50	-35.36	0.00122
-56.57	-42.43	0.00120	-63.64	-49.50	0.00116
-70.71	-56.57	0.00111	-77.78	-63.64	0.00105
70.71	70.71	0.00023	63.64	63.64	0.00024

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

56.57	56.57	0.00026	49.50	49.50	0.00027
42.43	42.43	0.00028	35.36	35.36	0.00030
28.28	28.28	0.00032	21.21	21.21	0.00035
17.68	17.68	0.00037	14.14	14.14	0.00040
12.02	12.02	0.00041	10.61	10.61	0.00043
9.19	9.19	0.00044	7.78	7.78	0.00046
6.36	6.36	0.00048	-6.36	-6.36	0.00064
-7.78	-7.78	0.00066	-9.19	-9.19	0.00067
-10.61	-10.61	0.00068	-12.02	-12.02	0.00069
-14.14	-14.14	0.00071	-17.68	-17.68	0.00075
-21.21	-21.21	0.00079	-28.28	-28.28	0.00088
-35.36	-35.36	0.00093	-42.43	-42.43	0.00096
-49.50	-49.50	0.00097	-56.57	-56.57	0.00096
-63.64	-63.64	0.00094	-70.71	-70.71	0.00090
77.78	63.64	0.00020	70.71	56.57	0.00021
63.64	49.50	0.00022	56.57	42.43	0.00023
49.50	35.36	0.00024	42.43	28.28	0.00025
35.36	21.21	0.00027	28.28	14.14	0.00030
24.75	10.61	0.00032	21.21	7.07	0.00034
19.09	4.95	0.00036	17.68	3.54	0.00037
16.26	2.12	0.00038	14.85	0.71	0.00039
13.44	-0.71	0.00041	0.71	-13.44	0.00053
-0.71	-14.85	0.00054	-2.12	-16.26	0.00055
-3.54	-17.68	0.00056	-4.95	-19.09	0.00056

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 93
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00057	-10.61	-24.75	0.00060
-14.14	-28.28	0.00063	-21.21	-35.36	0.00069
-28.28	-42.43	0.00074	-35.36	-49.50	0.00077
-42.43	-56.57	0.00079	-49.50	-63.64	0.00079
-56.57	-70.71	0.00079	-63.64	-77.78	0.00077
84.85	56.57	0.00017	77.78	49.50	0.00018
70.71	42.43	0.00019	63.64	35.36	0.00019
56.57	28.28	0.00020	49.50	21.21	0.00022
42.43	14.14	0.00023	35.36	7.07	0.00026
31.82	3.54	0.00028	28.28	0.00	0.00030

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

26.16	-2.12	0.00031	24.75	-3.54	0.00032
23.33	-4.95	0.00033	21.92	-6.36	0.00034
20.51	-7.78	0.00035	7.78	-20.51	0.00045
6.36	-21.92	0.00046	4.95	-23.33	0.00046
3.54	-24.75	0.00047	2.12	-26.16	0.00047
0.00	-28.28	0.00048	-3.54	-31.82	0.00049
-7.07	-35.36	0.00051	-14.14	-42.43	0.00055
-21.21	-49.50	0.00060	-28.28	-56.57	0.00063
-35.36	-63.64	0.00065	-42.43	-70.71	0.00066
-49.50	-77.78	0.00066	-56.57	-84.85	0.00065
91.92	49.50	0.00015	84.85	42.43	0.00015
77.78	35.36	0.00016	70.71	28.28	0.00017
63.64	21.21	0.00018	56.57	14.14	0.00019
49.50	7.07	0.00021	42.43	0.00	0.00023
38.89	-3.54	0.00024	35.36	-7.07	0.00026
33.23	-9.19	0.00027	31.82	-10.61	0.00028
30.41	-12.02	0.00029	28.99	-13.44	0.00030
27.58	-14.85	0.00031	14.85	-27.58	0.00038
13.44	-28.99	0.00039	12.02	-30.41	0.00039
10.61	-31.82	0.00040	9.19	-33.23	0.00040
7.07	-35.36	0.00040	3.54	-38.89	0.00041
0.00	-42.43	0.00043	-7.07	-49.50	0.00046
-14.14	-56.57	0.00049	-21.21	-63.64	0.00052
-28.28	-70.71	0.00054	-35.36	-77.78	0.00055
-42.43	-84.85	0.00056	-49.50	-91.92	0.00056
98.99	42.43	0.00013	91.92	35.36	0.00014
84.85	28.28	0.00014	77.78	21.21	0.00015
70.71	14.14	0.00016	63.64	7.07	0.00017
56.57	0.00	0.00018	49.50	-7.07	0.00020
45.96	-10.61	0.00022	42.43	-14.14	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00024	38.89	-17.68	0.00025
37.48	-19.09	0.00025	36.06	-20.51	0.00026
34.65	-21.92	0.00027	21.92	-34.65	0.00033
20.51	-36.06	0.00033	19.09	-37.48	0.00034

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

17.68	-38.89	0.00034	16.26	-40.31	0.00034
14.14	-42.43	0.00035	10.61	-45.96	0.00035
7.07	-49.50	0.00036	0.00	-56.57	0.00038
-7.07	-63.64	0.00041	-14.14	-70.71	0.00043
-21.21	-77.78	0.00045	-28.28	-84.85	0.00047
-35.36	-91.92	0.00048	-42.43	-98.99	0.00048
106.07	35.36	0.00012	98.99	28.28	0.00012
91.92	21.21	0.00013	84.85	14.14	0.00013
77.78	7.07	0.00014	70.71	0.00	0.00015
63.64	-7.07	0.00017	56.57	-14.14	0.00018
53.03	-17.68	0.00019	49.50	-21.21	0.00020
47.38	-23.33	0.00021	45.96	-24.75	0.00022
44.55	-26.16	0.00022	43.13	-27.58	0.00023
41.72	-28.99	0.00024	28.99	-41.72	0.00029
27.58	-43.13	0.00029	26.16	-44.55	0.00029
24.75	-45.96	0.00030	23.33	-47.38	0.00030
21.21	-49.50	0.00030	17.68	-53.03	0.00031
14.14	-56.57	0.00031	7.07	-63.64	0.00033
0.00	-70.71	0.00035	-7.07	-77.78	0.00037
-14.14	-84.85	0.00039	-21.21	-91.92	0.00040
-28.28	-98.99	0.00041	-35.36	-106.07	0.00041
113.14	28.28	0.00010	106.07	21.21	0.00011
98.99	14.14	0.00011	91.92	7.07	0.00012
84.85	0.00	0.00013	77.78	-7.07	0.00014
70.71	-14.14	0.00015	63.64	-21.21	0.00016
60.10	-24.75	0.00017	56.57	-28.28	0.00018
54.45	-30.41	0.00019	53.03	-31.82	0.00020
51.62	-33.23	0.00020	50.20	-34.65	0.00021
48.79	-36.06	0.00021	36.06	-48.79	0.00025
34.65	-50.20	0.00025	33.23	-51.62	0.00026
31.82	-53.03	0.00026	30.41	-54.45	0.00026
28.28	-56.57	0.00026	24.75	-60.10	0.00027
21.21	-63.64	0.00027	14.14	-70.71	0.00028
7.07	-77.78	0.00030	0.00	-84.85	0.00031
-7.07	-91.92	0.00033	-14.14	-98.99	0.00034
-21.21	-106.07	0.00035	-28.28	-113.14	0.00036

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00009	113.14	14.14	0.00010
106.07	7.07	0.00010	98.99	0.00	0.00011
91.92	-7.07	0.00012	84.85	-14.14	0.00012
77.78	-21.21	0.00014	70.71	-28.28	0.00015
67.18	-31.82	0.00016	63.64	-35.36	0.00017
61.52	-37.48	0.00017	60.10	-38.89	0.00018
58.69	-40.31	0.00018	57.28	-41.72	0.00018
55.86	-43.13	0.00019	43.13	-55.86	0.00022
41.72	-57.28	0.00022	40.31	-58.69	0.00023
38.89	-60.10	0.00023	37.48	-61.52	0.00023
35.36	-63.64	0.00023	31.82	-67.18	0.00024
28.28	-70.71	0.00024	21.21	-77.78	0.00025
14.14	-84.85	0.00026	7.07	-91.92	0.00027
0.00	-98.99	0.00029	-7.07	-106.07	0.00030
-14.14	-113.14	0.00031	-21.21	-120.21	0.00032
127.28	14.14	0.00008	120.21	7.07	0.00009
113.14	0.00	0.00009	106.07	-7.07	0.00010
98.99	-14.14	0.00011	91.92	-21.21	0.00011
84.85	-28.28	0.00012	77.78	-35.36	0.00013
74.25	-38.89	0.00014	70.71	-42.43	0.00015
68.59	-44.55	0.00015	67.18	-45.96	0.00016
65.76	-47.38	0.00016	64.35	-48.79	0.00017
62.93	-50.20	0.00017	50.20	-62.93	0.00020
48.79	-64.35	0.00020	47.38	-65.76	0.00020
45.96	-67.18	0.00020	44.55	-68.59	0.00021
42.43	-70.71	0.00021	38.89	-74.25	0.00021
35.36	-77.78	0.00021	28.28	-84.85	0.00022
21.21	-91.92	0.00023	14.14	-98.99	0.00024
7.07	-106.07	0.00025	0.00	-113.14	0.00026
-7.07	-120.21	0.00027	-14.14	-127.28	0.00028
134.35	7.07	0.00008	127.28	0.00	0.00008
120.21	-7.07	0.00009	113.14	-14.14	0.00009
106.07	-21.21	0.00010	98.99	-28.28	0.00010
91.92	-35.36	0.00011	84.85	-42.43	0.00012
81.32	-45.96	0.00013	77.78	-49.50	0.00014
75.66	-51.62	0.00014	74.25	-53.03	0.00014
72.83	-54.45	0.00015	71.42	-55.86	0.00015
70.00	-57.28	0.00015	57.28	-70.00	0.00018
55.86	-71.42	0.00018	54.45	-72.83	0.00018
53.03	-74.25	0.00018	51.62	-75.66	0.00018

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:33:00
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00019	45.96	-81.32	0.00019
42.43	-84.85	0.00019	35.36	-91.92	0.00020
28.28	-98.99	0.00020	21.21	-106.07	0.00021
14.14	-113.14	0.00022	7.07	-120.21	0.00023
0.00	-127.28	0.00024	-7.07	-134.35	0.00025
141.42	0.00	0.00007	134.35	-7.07	0.00008
127.28	-14.14	0.00008	120.21	-21.21	0.00008
113.14	-28.28	0.00009	106.07	-35.36	0.00010
98.99	-42.43	0.00010	91.92	-49.50	0.00011
88.39	-53.03	0.00012	84.85	-56.57	0.00012
82.73	-58.69	0.00013	81.32	-60.10	0.00013
79.90	-61.52	0.00013	78.49	-62.93	0.00014
77.07	-64.35	0.00014	64.35	-77.07	0.00016
62.93	-78.49	0.00016	61.52	-79.90	0.00016
60.10	-81.32	0.00016	58.69	-82.73	0.00017
56.57	-84.85	0.00017	53.03	-88.39	0.00017
49.50	-91.92	0.00017	42.43	-98.99	0.00018
35.36	-106.07	0.00018	28.28	-113.14	0.00019
21.21	-120.21	0.00019	14.14	-127.28	0.00020
7.07	-134.35	0.00021	0.00	-141.42	0.00022
148.49	-7.07	0.00007	141.42	-14.14	0.00007
134.35	-21.21	0.00007	127.28	-28.28	0.00008
120.21	-35.36	0.00008	113.14	-42.43	0.00009
106.07	-49.50	0.00010	98.99	-56.57	0.00010
95.46	-60.10	0.00011	91.92	-63.64	0.00011
89.80	-65.76	0.00012	88.39	-67.18	0.00012
86.97	-68.59	0.00012	85.56	-70.00	0.00012
84.15	-71.42	0.00013	71.42	-84.15	0.00014
70.00	-85.56	0.00015	68.59	-86.97	0.00015
67.18	-88.39	0.00015	65.76	-89.80	0.00015
63.64	-91.92	0.00015	60.10	-95.46	0.00015
56.57	-98.99	0.00016	49.50	-106.07	0.00016
42.43	-113.14	0.00016	35.36	-120.21	0.00017
28.28	-127.28	0.00017	21.21	-134.35	0.00018
14.14	-141.42	0.00019	7.07	-148.49	0.00019
155.56	-14.14	0.00006	148.49	-21.21	0.00007

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-28.28	0.00007	134.35	-35.36	0.00007
127.28	-42.43	0.00008	120.21	-49.50	0.00008
113.14	-56.57	0.00009	106.07	-63.64	0.00010
102.53	-67.18	0.00010	98.99	-70.71	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00011	95.46	-74.25	0.00011
94.05	-75.66	0.00011	92.63	-77.07	0.00011
91.22	-78.49	0.00012	78.49	-91.22	0.00013
77.07	-92.63	0.00013	75.66	-94.05	0.00013
74.25	-95.46	0.00014	72.83	-96.87	0.00014
70.71	-98.99	0.00014	67.18	-102.53	0.00014
63.64	-106.07	0.00014	56.57	-113.14	0.00014
49.50	-120.21	0.00015	42.43	-127.28	0.00015
35.36	-134.35	0.00016	28.28	-141.42	0.00016
21.21	-148.49	0.00017	14.14	-155.56	0.00017
162.63	-21.21	0.00006	155.56	-28.28	0.00006
148.49	-35.36	0.00006	141.42	-42.43	0.00007
134.35	-49.50	0.00007	127.28	-56.57	0.00008
120.21	-63.64	0.00008	113.14	-70.71	0.00009
109.60	-74.25	0.00009	106.07	-77.78	0.00010
103.94	-79.90	0.00010	102.53	-81.32	0.00010
101.12	-82.73	0.00010	99.70	-84.15	0.00011
98.29	-85.56	0.00011	85.56	-98.29	0.00012
84.15	-99.70	0.00012	82.73	-101.12	0.00012
81.32	-102.53	0.00012	79.90	-103.94	0.00012
77.78	-106.07	0.00013	74.25	-109.60	0.00013
70.71	-113.14	0.00013	63.64	-120.21	0.00013
56.57	-127.28	0.00013	49.50	-134.35	0.00014
42.43	-141.42	0.00014	35.36	-148.49	0.00015
28.28	-155.56	0.00015	21.21	-162.63	0.00016
169.71	-28.28	0.00005	162.63	-35.36	0.00006
155.56	-42.43	0.00006	148.49	-49.50	0.00006
141.42	-56.57	0.00007	134.35	-63.64	0.00007
127.28	-70.71	0.00008	120.21	-77.78	0.00008
116.67	-81.32	0.00009	113.14	-84.85	0.00009

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

111.02	-86.97	0.00009	109.60	-88.39	0.00009
108.19	-89.80	0.00010	106.77	-91.22	0.00010
105.36	-92.63	0.00010	92.63	-105.36	0.00011
91.22	-106.77	0.00011	89.80	-108.19	0.00011
88.39	-109.60	0.00011	86.97	-111.02	0.00011
84.85	-113.14	0.00012	81.32	-116.67	0.00012
77.78	-120.21	0.00012	70.71	-127.28	0.00012
63.64	-134.35	0.00012	56.57	-141.42	0.00013
49.50	-148.49	0.00013	42.43	-155.56	0.00013
35.36	-162.63	0.00014	28.28	-169.71	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00005	169.71	-42.43	0.00005
162.63	-49.50	0.00006	155.56	-56.57	0.00006
148.49	-63.64	0.00006	141.42	-70.71	0.00007
134.35	-77.78	0.00007	127.28	-84.85	0.00008
123.74	-88.39	0.00008	120.21	-91.92	0.00008
118.09	-94.05	0.00009	116.67	-95.46	0.00009
115.26	-96.87	0.00009	113.84	-98.29	0.00009
112.43	-99.70	0.00009	99.70	-112.43	0.00010
98.29	-113.84	0.00010	96.87	-115.26	0.00010
95.46	-116.67	0.00010	94.05	-118.09	0.00011
91.92	-120.21	0.00011	88.39	-123.74	0.00011
84.85	-127.28	0.00011	77.78	-134.35	0.00011
70.71	-141.42	0.00011	63.64	-148.49	0.00012
56.57	-155.56	0.00012	49.50	-162.63	0.00012
42.43	-169.71	0.00012	35.36	-176.78	0.00013
183.85	-42.43	0.00005	176.78	-49.50	0.00005
169.71	-56.57	0.00005	162.63	-63.64	0.00006
155.56	-70.71	0.00006	148.49	-77.78	0.00006
141.42	-84.85	0.00007	134.35	-91.92	0.00007
130.81	-95.46	0.00008	127.28	-98.99	0.00008
125.16	-101.12	0.00008	123.74	-102.53	0.00008
122.33	-103.94	0.00008	120.92	-105.36	0.00008
119.50	-106.77	0.00009	106.77	-119.50	0.00009
105.36	-120.92	0.00010	103.94	-122.33	0.00010

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

102.53	-123.74	0.00010	101.12	-125.16	0.00010
98.99	-127.28	0.00010	95.46	-130.81	0.00010
91.92	-134.35	0.00010	84.85	-141.42	0.00010
77.78	-148.49	0.00010	70.71	-155.56	0.00011
63.64	-162.63	0.00011	56.57	-169.71	0.00011
49.50	-176.78	0.00011	42.43	-183.85	0.00012
190.92	-49.50	0.00005	183.85	-56.57	0.00005
176.78	-63.64	0.00005	169.71	-70.71	0.00005
162.63	-77.78	0.00006	155.56	-84.85	0.00006
148.49	-91.92	0.00006	141.42	-98.99	0.00007
137.89	-102.53	0.00007	134.35	-106.07	0.00007
132.23	-108.19	0.00008	130.81	-109.60	0.00008
129.40	-111.02	0.00008	127.99	-112.43	0.00008
126.57	-113.84	0.00008	113.84	-126.57	0.00009
112.43	-127.99	0.00009	111.02	-129.40	0.00009
109.60	-130.81	0.00009	108.19	-132.23	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00009	102.53	-137.89	0.00009
98.99	-141.42	0.00009	91.92	-148.49	0.00010
84.85	-155.56	0.00010	77.78	-162.63	0.00010
70.71	-169.71	0.00010	63.64	-176.78	0.00010
56.57	-183.85	0.00010	49.50	-190.92	0.00011
197.99	-56.57	0.00004	190.92	-63.64	0.00005
183.85	-70.71	0.00005	176.78	-77.78	0.00005
169.71	-84.85	0.00005	162.63	-91.92	0.00006
155.56	-98.99	0.00006	148.49	-106.07	0.00006
144.96	-109.60	0.00007	141.42	-113.14	0.00007
139.30	-115.26	0.00007	137.89	-116.67	0.00007
136.47	-118.09	0.00007	135.06	-119.50	0.00007
133.64	-120.92	0.00007	120.92	-133.64	0.00008
119.50	-135.06	0.00008	118.09	-136.47	0.00008
116.67	-137.89	0.00008	115.26	-139.30	0.00008
113.14	-141.42	0.00009	109.60	-144.96	0.00009
106.07	-148.49	0.00009	98.99	-155.56	0.00009
91.92	-162.63	0.00009	84.85	-169.71	0.00009

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-176.78	0.00009	70.71	-183.85	0.00009
63.64	-190.92	0.00010	56.57	-197.99	0.00010
205.06	-63.64	0.00004	197.99	-70.71	0.00004
190.92	-77.78	0.00005	183.85	-84.85	0.00005
176.78	-91.92	0.00005	169.71	-98.99	0.00005
162.63	-106.07	0.00006	155.56	-113.14	0.00006
152.03	-116.67	0.00006	148.49	-120.21	0.00006
146.37	-122.33	0.00007	144.96	-123.74	0.00007
143.54	-125.16	0.00007	142.13	-126.57	0.00007
140.71	-127.99	0.00007	127.99	-140.71	0.00008
126.57	-142.13	0.00008	125.16	-143.54	0.00008
123.74	-144.96	0.00008	122.33	-146.37	0.00008
120.21	-148.49	0.00008	116.67	-152.03	0.00008
113.14	-155.56	0.00008	106.07	-162.63	0.00008
98.99	-169.71	0.00008	91.92	-176.78	0.00009
84.85	-183.85	0.00009	77.78	-190.92	0.00009
70.71	-197.99	0.00009	63.64	-205.06	0.00009
212.13	-70.71	0.00004	205.06	-77.78	0.00004
197.99	-84.85	0.00004	190.92	-91.92	0.00004
183.85	-98.99	0.00005	176.78	-106.07	0.00005
169.71	-113.14	0.00005	162.63	-120.21	0.00006
159.10	-123.74	0.00006	155.56	-127.28	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

18:33:00

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00006	152.03	-130.81	0.00006
150.61	-132.23	0.00006	149.20	-133.64	0.00006
147.79	-135.06	0.00007	135.06	-147.79	0.00007
133.64	-149.20	0.00007	132.23	-150.61	0.00007
130.81	-152.03	0.00007	129.40	-153.44	0.00007
127.28	-155.56	0.00007	123.74	-159.10	0.00008
120.21	-162.63	0.00008	113.14	-169.71	0.00008
106.07	-176.78	0.00008	98.99	-183.85	0.00008
91.92	-190.92	0.00008	84.85	-197.99	0.00008
77.78	-205.06	0.00008	70.71	-212.13	0.00009
219.20	-77.78	0.00004	212.13	-84.85	0.00004
205.06	-91.92	0.00004	197.99	-98.99	0.00004

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-106.07	0.00005	183.85	-113.14	0.00005
176.78	-120.21	0.00005	169.71	-127.28	0.00005
166.17	-130.81	0.00006	162.63	-134.35	0.00006
160.51	-136.47	0.00006	159.10	-137.89	0.00006
157.68	-139.30	0.00006	156.27	-140.71	0.00006
154.86	-142.13	0.00006	142.13	-154.86	0.00007
140.71	-156.27	0.00007	139.30	-157.68	0.00007
137.89	-159.10	0.00007	136.47	-160.51	0.00007
134.35	-162.63	0.00007	130.81	-166.17	0.00007
127.28	-169.71	0.00007	120.21	-176.78	0.00007
113.14	-183.85	0.00007	106.07	-190.92	0.00007
98.99	-197.99	0.00008	91.92	-205.06	0.00008
84.85	-212.13	0.00008	77.78	-219.20	0.00008
226.27	-84.85	0.00004	219.20	-91.92	0.00004
212.13	-98.99	0.00004	205.06	-106.07	0.00004
197.99	-113.14	0.00004	190.92	-120.21	0.00005
183.85	-127.28	0.00005	176.78	-134.35	0.00005
173.24	-137.89	0.00005	169.71	-141.42	0.00005
167.58	-143.54	0.00006	166.17	-144.96	0.00006
164.76	-146.37	0.00006	163.34	-147.79	0.00006
161.93	-149.20	0.00006	149.20	-161.93	0.00006
147.79	-163.34	0.00006	146.37	-164.76	0.00006
144.96	-166.17	0.00006	143.54	-167.58	0.00006
141.42	-169.71	0.00007	137.89	-173.24	0.00007
134.35	-176.78	0.00007	127.28	-183.85	0.00007
120.21	-190.92	0.00007	113.14	-197.99	0.00007
106.07	-205.06	0.00007	98.99	-212.13	0.00007
91.92	-219.20	0.00007	84.85	-226.27	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00003	226.27	-98.99	0.00004
219.20	-106.07	0.00004	212.13	-113.14	0.00004
205.06	-120.21	0.00004	197.99	-127.28	0.00004
190.92	-134.35	0.00005	183.85	-141.42	0.00005
180.31	-144.96	0.00005	176.78	-148.49	0.00005
174.66	-150.61	0.00005	173.24	-152.03	0.00005

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

171.83	-153.44	0.00005	170.41	-154.86	0.00005
169.00	-156.27	0.00005	156.27	-169.00	0.00006
154.86	-170.41	0.00006	153.44	-171.83	0.00006
152.03	-173.24	0.00006	150.61	-174.66	0.00006
148.49	-176.78	0.00006	144.96	-180.31	0.00006
141.42	-183.85	0.00006	134.35	-190.92	0.00006
127.28	-197.99	0.00007	120.21	-205.06	0.00007
113.14	-212.13	0.00007	106.07	-219.20	0.00007
98.99	-226.27	0.00007	91.92	-233.35	0.00007
240.42	-98.99	0.00003	233.35	-106.07	0.00003
226.27	-113.14	0.00004	219.20	-120.21	0.00004
212.13	-127.28	0.00004	205.06	-134.35	0.00004
197.99	-141.42	0.00004	190.92	-148.49	0.00005
187.38	-152.03	0.00005	183.85	-155.56	0.00005
181.73	-157.68	0.00005	180.31	-159.10	0.00005
178.90	-160.51	0.00005	177.48	-161.93	0.00005
176.07	-163.34	0.00005	163.34	-176.07	0.00006
161.93	-177.48	0.00006	160.51	-178.90	0.00006
159.10	-180.31	0.00006	157.68	-181.73	0.00006
155.56	-183.85	0.00006	152.03	-187.38	0.00006
148.49	-190.92	0.00006	141.42	-197.99	0.00006
134.35	-205.06	0.00006	127.28	-212.13	0.00006
120.21	-219.20	0.00006	113.14	-226.27	0.00006
106.07	-233.35	0.00006	98.99	-240.42	0.00007
247.49	-106.07	0.00003	240.42	-113.14	0.00003
233.35	-120.21	0.00003	226.27	-127.28	0.00004
219.20	-134.35	0.00004	212.13	-141.42	0.00004
205.06	-148.49	0.00004	197.99	-155.56	0.00004
194.45	-159.10	0.00004	190.92	-162.63	0.00005
188.80	-164.76	0.00005	187.38	-166.17	0.00005
185.97	-167.58	0.00005	184.55	-169.00	0.00005
183.14	-170.41	0.00005	170.41	-183.14	0.00005
169.00	-184.55	0.00005	167.58	-185.97	0.00005
166.17	-187.38	0.00005	164.76	-188.80	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-----	-----	-----	-----	-----	-----

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

162.63	-190.92	0.00005	159.10	-194.45	0.00006
155.56	-197.99	0.00006	148.49	-205.06	0.00006
141.42	-212.13	0.00006	134.35	-219.20	0.00006
127.28	-226.27	0.00006	120.21	-233.35	0.00006
113.14	-240.42	0.00006	106.07	-247.49	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00128	-113.14	240.42	0.00149
-120.21	233.35	0.00172	-127.28	226.27	0.00198
-134.35	219.20	0.00226	-141.42	212.13	0.00253
-148.49	205.06	0.00275	-155.56	197.99	0.00280
-159.10	194.45	0.00268	-162.63	190.92	0.00241
-164.76	188.80	0.00219	-166.17	187.38	0.00203
-167.58	185.97	0.00187	-169.00	184.55	0.00171
-170.41	183.14	0.00157	-183.14	170.41	0.00101
-184.55	169.00	0.00099	-185.97	167.58	0.00096
-187.38	166.17	0.00094	-188.80	164.76	0.00093
-190.92	162.63	0.00093	-194.45	159.10	0.00094
-197.99	155.56	0.00096	-205.06	148.49	0.00099
-212.13	141.42	0.00099	-219.20	134.35	0.00098
-226.27	127.28	0.00095	-233.35	120.21	0.00090
-240.42	113.14	0.00085	-247.49	106.07	0.00079
-98.99	240.42	0.00130	-106.07	233.35	0.00152
-113.14	226.27	0.00179	-120.21	219.20	0.00211
-127.28	212.13	0.00247	-134.35	205.06	0.00286
-141.42	197.99	0.00326	-148.49	190.92	0.00360
-152.03	187.38	0.00369	-155.56	183.85	0.00362
-157.68	181.73	0.00345	-159.10	180.31	0.00326
-160.51	178.90	0.00302	-161.93	177.48	0.00273
-163.34	176.07	0.00243	-176.07	163.34	0.00123
-177.48	161.93	0.00121	-178.90	160.51	0.00120
-180.31	159.10	0.00121	-181.73	157.68	0.00121
-183.85	155.56	0.00123	-187.38	152.03	0.00126
-190.92	148.49	0.00129	-197.99	141.42	0.00131
-205.06	134.35	0.00129	-212.13	127.28	0.00124
-219.20	120.21	0.00116	-226.27	113.14	0.00108

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-233.35	106.07	0.00100	-240.42	98.99	0.00092
-91.92	233.35	0.00128	-99.00	226.27	0.00152
-106.07	219.20	0.00182	-113.14	212.13	0.00218
-120.21	205.06	0.00261	-127.28	197.99	0.00311
-134.35	190.92	0.00367	-141.42	183.85	0.00426
-144.96	180.31	0.00456	-148.49	176.78	0.00479
-150.61	174.66	0.00486	-152.03	173.24	0.00486
-153.44	171.83	0.00482	-154.86	170.41	0.00468
-156.27	169.00	0.00440	-169.00	156.27	0.00172
-170.41	154.86	0.00173	-171.83	153.44	0.00174
-173.24	152.03	0.00175	-174.66	150.61	0.00176

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00178	-180.31	144.96	0.00179
-183.85	141.42	0.00179	-190.92	134.35	0.00175
-197.99	127.28	0.00166	-205.06	120.21	0.00154
-212.13	113.14	0.00141	-219.20	106.07	0.00128
-226.27	98.99	0.00116	-233.35	91.92	0.00105
-84.85	226.27	0.00125	-91.92	219.20	0.00149
-99.00	212.13	0.00180	-106.07	205.06	0.00219
-113.14	197.99	0.00267	-120.21	190.92	0.00325
-127.28	183.85	0.00393	-134.35	176.78	0.00469
-137.89	173.24	0.00510	-141.42	169.71	0.00548
-143.54	167.58	0.00566	-144.96	166.17	0.00575
-146.37	164.76	0.00581	-147.79	163.34	0.00589
-149.20	161.93	0.00589	-161.93	149.20	0.00322
-163.34	147.79	0.00303	-164.76	146.37	0.00290
-166.17	144.96	0.00280	-167.58	143.54	0.00273
-169.71	141.42	0.00265	-173.24	137.89	0.00254
-176.78	134.35	0.00246	-183.85	127.28	0.00228
-190.92	120.21	0.00209	-197.99	113.14	0.00188
-205.06	106.07	0.00168	-212.13	98.99	0.00150
-219.20	91.92	0.00133	-226.27	84.85	0.00119
-77.78	219.20	0.00119	-84.85	212.13	0.00143
-91.92	205.06	0.00173	-99.00	197.99	0.00213
-106.07	190.92	0.00263	-113.14	183.85	0.00326

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	176.78	0.00402	-127.28	169.71	0.00487
-130.81	166.17	0.00531	-134.35	162.63	0.00574
-136.47	160.51	0.00594	-137.89	159.10	0.00603
-139.30	157.68	0.00608	-140.71	156.27	0.00612
-142.13	154.86	0.00613	-154.86	142.13	0.00405
-156.27	140.71	0.00392	-157.68	139.30	0.00382
-159.10	137.89	0.00372	-160.51	136.47	0.00364
-162.63	134.35	0.00353	-166.17	130.81	0.00335
-169.71	127.28	0.00318	-176.78	120.21	0.00285
-183.85	113.14	0.00253	-190.92	106.07	0.00223
-197.99	98.99	0.00195	-205.06	91.92	0.00171
-212.13	84.85	0.00150	-219.20	77.78	0.00133
-70.71	212.13	0.00111	-77.78	205.06	0.00133
-84.85	197.99	0.00162	-91.92	190.92	0.00200
-98.99	183.85	0.00250	-106.07	176.78	0.00315
-113.14	169.71	0.00395	-120.21	162.63	0.00487
-123.74	159.10	0.00533	-127.28	155.56	0.00577

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00599	-130.81	152.03	0.00609
-132.23	150.61	0.00614	-133.64	149.20	0.00616
-135.06	147.79	0.00618	-147.79	135.06	0.00435
-149.20	133.64	0.00426	-150.61	132.23	0.00420
-152.03	130.81	0.00415	-153.44	129.40	0.00410
-155.56	127.28	0.00402	-159.10	123.74	0.00388
-162.63	120.21	0.00373	-169.71	113.14	0.00335
-176.78	106.07	0.00294	-183.85	98.99	0.00255
-190.92	91.92	0.00220	-197.99	84.85	0.00191
-205.06	77.78	0.00166	-212.13	70.71	0.00145
-63.64	205.06	0.00102	-70.71	197.99	0.00122
-77.78	190.92	0.00148	-84.85	183.85	0.00182
-91.92	176.78	0.00229	-98.99	169.71	0.00292
-106.07	162.63	0.00374	-113.14	155.56	0.00472
-116.67	152.03	0.00522	-120.21	148.49	0.00567
-122.33	146.37	0.00591	-123.74	144.96	0.00602
-125.16	143.54	0.00610	-126.57	142.13	0.00613

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	140.71	0.00615	-140.71	127.99	0.00447
-142.13	126.57	0.00441	-143.54	125.16	0.00437
-144.96	123.74	0.00434	-146.37	122.33	0.00431
-148.49	120.21	0.00427	-152.03	116.67	0.00418
-155.56	113.14	0.00404	-162.63	106.07	0.00367
-169.71	98.99	0.00324	-176.78	91.92	0.00280
-183.85	84.85	0.00241	-190.92	77.78	0.00208
-197.99	70.71	0.00180	-205.06	63.64	0.00156
-56.57	197.99	0.00092	-63.64	190.92	0.00110
-70.71	183.85	0.00132	-77.78	176.78	0.00162
-84.85	169.71	0.00202	-91.92	162.63	0.00258
-98.99	155.56	0.00337	-106.07	148.49	0.00439
-109.60	144.96	0.00495	-113.14	141.42	0.00547
-115.26	139.30	0.00572	-116.67	137.89	0.00586
-118.09	136.47	0.00596	-119.50	135.06	0.00601
-120.92	133.64	0.00604	-133.64	120.92	0.00452
-135.06	119.50	0.00446	-136.47	118.09	0.00443
-137.89	116.67	0.00441	-139.30	115.26	0.00440
-141.42	113.14	0.00438	-144.96	109.60	0.00432
-148.49	106.07	0.00420	-155.56	98.99	0.00383
-162.63	91.92	0.00339	-169.71	84.85	0.00295
-176.78	77.78	0.00255	-183.85	70.71	0.00220
-190.92	63.64	0.00190	-197.99	56.57	0.00165

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTS:
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00082	-56.57	183.85	0.00097
-63.64	176.78	0.00116	-70.71	169.71	0.00140
-77.78	162.63	0.00173	-84.85	155.56	0.00219
-91.92	148.49	0.00286	-98.99	141.42	0.00383
-102.53	137.89	0.00443	-106.07	134.35	0.00505
-108.19	132.23	0.00538	-109.60	130.81	0.00555
-111.02	129.40	0.00569	-112.43	127.99	0.00578
-113.84	126.57	0.00582	-126.57	113.84	0.00449
-127.99	112.43	0.00444	-129.40	111.02	0.00442
-130.81	109.60	0.00441	-132.23	108.19	0.00441
-134.35	106.07	0.00439	-137.89	102.53	0.00433

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	98.99	0.00422	-148.49	91.92	0.00386
-155.56	84.85	0.00343	-162.63	77.78	0.00300
-169.71	70.71	0.00260	-176.78	63.64	0.00225
-183.85	56.57	0.00195	-190.92	49.50	0.00169
-42.43	183.85	0.00072	-49.50	176.78	0.00083
-56.57	169.71	0.00098	-63.64	162.63	0.00118
-70.71	155.56	0.00144	-77.78	148.49	0.00178
-84.85	141.42	0.00228	-91.92	134.35	0.00305
-95.46	130.81	0.00360	-98.99	127.28	0.00426
-101.12	125.16	0.00468	-102.53	123.74	0.00494
-103.94	122.33	0.00515	-105.36	120.92	0.00532
-106.77	119.50	0.00544	-119.50	106.77	0.00440
-120.92	105.36	0.00435	-122.33	103.94	0.00434
-123.74	102.53	0.00433	-125.16	101.12	0.00432
-127.28	98.99	0.00430	-130.81	95.46	0.00422
-134.35	91.92	0.00410	-141.42	84.85	0.00376
-148.49	77.78	0.00335	-155.56	70.71	0.00294
-162.63	63.64	0.00256	-169.71	56.57	0.00223
-176.78	49.50	0.00194	-183.85	42.43	0.00169
-35.36	176.78	0.00061	-42.43	169.71	0.00071
-49.50	162.63	0.00082	-56.57	155.56	0.00097
-63.64	148.49	0.00115	-70.71	141.42	0.00140
-77.78	134.35	0.00173	-84.85	127.28	0.00222
-88.39	123.74	0.00257	-91.92	120.21	0.00304
-94.05	118.09	0.00341	-95.46	116.67	0.00369
-96.87	115.26	0.00399	-98.29	113.84	0.00430
-99.70	112.43	0.00458	-112.43	99.70	0.00423
-113.84	98.29	0.00417	-115.26	96.87	0.00414
-116.67	95.46	0.00411	-118.09	94.05	0.00409

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 107
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00404	-123.74	88.39	0.00395
-127.28	84.85	0.00384	-134.35	77.78	0.00352
-141.42	70.71	0.00315	-148.49	63.64	0.00278
-155.56	56.57	0.00244	-162.63	49.50	0.00214
-169.71	42.43	0.00188	-176.78	35.36	0.00165

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-28.28	169.71	0.00052	-35.36	162.63	0.00059
-42.43	155.56	0.00068	-49.50	148.49	0.00078
-56.57	141.42	0.00090	-63.64	134.35	0.00105
-70.71	127.28	0.00125	-77.78	120.21	0.00150
-81.32	116.67	0.00166	-84.85	113.14	0.00184
-86.97	111.02	0.00198	-88.39	109.60	0.00208
-89.80	108.19	0.00221	-91.22	106.77	0.00237
-92.63	105.36	0.00260	-105.36	92.63	0.00375
-106.77	91.22	0.00367	-108.19	89.80	0.00362
-109.60	88.39	0.00358	-111.02	86.97	0.00356
-113.14	84.85	0.00352	-116.67	81.32	0.00346
-120.21	77.78	0.00337	-127.28	70.71	0.00314
-134.35	63.64	0.00285	-141.42	56.57	0.00254
-148.49	49.50	0.00226	-155.56	42.43	0.00200
-162.63	35.36	0.00177	-169.71	28.28	0.00157
-21.21	162.63	0.00044	-28.28	155.56	0.00049
-35.36	148.49	0.00055	-42.43	141.42	0.00062
-49.50	134.35	0.00070	-56.57	127.28	0.00079
-63.64	120.21	0.00088	-70.71	113.14	0.00099
-74.25	109.60	0.00104	-77.78	106.07	0.00109
-79.90	103.94	0.00111	-81.32	102.53	0.00112
-82.73	101.12	0.00114	-84.15	99.70	0.00115
-85.56	98.29	0.00116	-98.29	85.56	0.00223
-99.70	84.15	0.00236	-101.12	82.73	0.00245
-102.53	81.32	0.00253	-103.94	79.90	0.00259
-106.07	77.78	0.00266	-109.60	74.25	0.00271
-113.14	70.71	0.00271	-120.21	63.64	0.00262
-127.28	56.57	0.00245	-134.35	49.50	0.00224
-141.42	42.43	0.00202	-148.49	35.36	0.00182
-155.56	28.28	0.00163	-162.63	21.21	0.00147
-14.14	155.56	0.00037	-21.21	148.49	0.00041
-28.28	141.42	0.00045	-35.36	134.35	0.00049
-42.43	127.28	0.00054	-49.50	120.21	0.00059
-56.57	113.14	0.00064	-63.64	106.07	0.00069
-67.18	102.53	0.00071	-70.71	98.99	0.00074

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***
 18:33:00
 **MODELOPTs:
 PAGE 108
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

 INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00075	-74.25	95.46	0.00077
-75.66	94.05	0.00079	-77.07	92.63	0.00081
-78.49	91.22	0.00084	-91.22	78.49	0.00135
-92.63	77.07	0.00143	-94.05	75.66	0.00150
-95.46	74.25	0.00158	-96.87	72.83	0.00166
-98.99	70.71	0.00176	-102.53	67.18	0.00190
-106.07	63.64	0.00198	-113.14	56.57	0.00205
-120.21	49.50	0.00200	-127.28	42.43	0.00189
-134.35	35.36	0.00175	-141.42	28.28	0.00161
-148.49	21.21	0.00147	-155.56	14.14	0.00134
-7.07	148.49	0.00031	-14.14	141.42	0.00034
-21.21	134.35	0.00037	-28.28	127.28	0.00040
-35.36	120.21	0.00043	-42.43	113.14	0.00046
-49.50	106.07	0.00049	-56.57	98.99	0.00052
-60.10	95.46	0.00054	-63.64	91.92	0.00057
-65.76	89.80	0.00059	-67.18	88.39	0.00061
-68.59	86.97	0.00063	-70.00	85.56	0.00065
-71.42	84.15	0.00068	-84.15	71.42	0.00100
-85.56	70.00	0.00103	-86.97	68.59	0.00107
-88.39	67.18	0.00111	-89.80	65.76	0.00115
-91.92	63.64	0.00122	-95.46	60.10	0.00132
-98.99	56.57	0.00141	-106.07	49.50	0.00153
-113.14	42.43	0.00156	-120.21	35.36	0.00154
-127.28	28.28	0.00147	-134.35	21.21	0.00138
-141.42	14.14	0.00129	-148.49	7.07	0.00120
0.00	141.42	0.00027	-7.07	134.35	0.00029
-14.14	127.28	0.00031	-21.21	120.21	0.00033
-28.28	113.14	0.00034	-35.36	106.07	0.00036
-42.43	98.99	0.00039	-49.50	91.92	0.00042
-53.03	88.39	0.00044	-56.57	84.85	0.00047
-58.69	82.73	0.00049	-60.10	81.32	0.00051
-61.52	79.90	0.00052	-62.93	78.49	0.00055
-64.35	77.07	0.00057	-77.07	64.35	0.00079
-78.49	62.93	0.00081	-79.90	61.52	0.00082
-81.32	60.10	0.00084	-82.73	58.69	0.00087
-84.85	56.57	0.00091	-88.39	53.03	0.00097
-91.92	49.50	0.00104	-98.99	42.43	0.00114
-106.07	35.36	0.00120	-113.14	28.28	0.00122
-120.21	21.21	0.00120	-127.28	14.14	0.00116
-134.35	7.07	0.00111	-141.42	0.00	0.00105

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:33:00

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00023	0.00	127.28	0.00024
-7.07	120.21	0.00026	-14.14	113.14	0.00027
-21.21	106.07	0.00028	-28.28	98.99	0.00030
-35.36	91.92	0.00032	-42.43	84.85	0.00035
-45.96	81.32	0.00037	-49.50	77.78	0.00040
-51.62	75.66	0.00041	-53.03	74.25	0.00043
-54.45	72.83	0.00044	-55.86	71.42	0.00046
-57.28	70.00	0.00048	-70.00	57.28	0.00064
-71.42	55.86	0.00066	-72.83	54.45	0.00067
-74.25	53.03	0.00068	-75.66	51.62	0.00069
-77.78	49.50	0.00071	-81.32	45.96	0.00075
-84.85	42.43	0.00079	-91.92	35.36	0.00088
-98.99	28.28	0.00093	-106.07	21.21	0.00096
-113.14	14.14	0.00097	-120.21	7.07	0.00096
-127.28	0.00	0.00094	-134.35	-7.07	0.00090
14.14	127.28	0.00020	7.07	120.21	0.00021
0.00	113.14	0.00022	-7.07	106.07	0.00023
-14.14	98.99	0.00024	-21.21	91.92	0.00025
-28.28	84.85	0.00027	-35.36	77.78	0.00030
-38.89	74.25	0.00032	-42.43	70.71	0.00034
-44.55	68.59	0.00036	-45.96	67.18	0.00037
-47.38	65.76	0.00038	-48.79	64.35	0.00039
-50.20	62.93	0.00041	-62.93	50.20	0.00053
-64.35	48.79	0.00054	-65.76	47.38	0.00055
-67.18	45.96	0.00056	-68.59	44.55	0.00056
-70.71	42.43	0.00057	-74.25	38.89	0.00060
-77.78	35.36	0.00063	-84.85	28.28	0.00069
-91.92	21.21	0.00074	-98.99	14.14	0.00077
-106.07	7.07	0.00079	-113.14	0.00	0.00079
-120.21	-7.07	0.00079	-127.28	-14.14	0.00077
21.21	120.21	0.00017	14.14	113.14	0.00018
7.07	106.07	0.00019	0.00	98.99	0.00019
-7.07	91.92	0.00020	-14.14	84.85	0.00022
-21.21	77.78	0.00023	-28.28	70.71	0.00026
-31.82	67.18	0.00028	-35.36	63.64	0.00030
-37.48	61.52	0.00031	-38.89	60.10	0.00032
-40.31	58.69	0.00033	-41.72	57.28	0.00034

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	55.86	0.00035	-55.86	43.13	0.00045
-57.28	41.72	0.00046	-58.69	40.31	0.00046
-60.10	38.89	0.00047	-61.52	37.48	0.00047

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 110

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00048	-67.18	31.82	0.00049
-70.71	28.28	0.00051	-77.78	21.21	0.00055
-84.85	14.14	0.00060	-91.92	7.07	0.00063
-98.99	0.00	0.00065	-106.07	-7.07	0.00066
-113.14	-14.14	0.00066	-120.21	-21.21	0.00065
28.28	113.14	0.00015	21.21	106.07	0.00015
14.14	98.99	0.00016	7.07	91.92	0.00017
0.00	84.85	0.00018	-7.07	77.78	0.00019
-14.14	70.71	0.00021	-21.21	63.64	0.00023
-24.75	60.10	0.00024	-28.28	56.57	0.00026
-30.41	54.45	0.00027	-31.82	53.03	0.00028
-33.23	51.62	0.00029	-34.65	50.20	0.00030
-36.06	48.79	0.00031	-48.79	36.06	0.00038
-50.20	34.65	0.00039	-51.62	33.23	0.00039
-53.03	31.82	0.00040	-54.45	30.41	0.00040
-56.57	28.28	0.00040	-60.10	24.75	0.00041
-63.64	21.21	0.00043	-70.71	14.14	0.00046
-77.78	7.07	0.00049	-84.85	0.00	0.00052
-91.92	-7.07	0.00054	-98.99	-14.14	0.00055
-106.07	-21.21	0.00056	-113.14	-28.28	0.00056
35.36	106.07	0.00013	28.28	98.99	0.00014
21.21	91.92	0.00014	14.14	84.85	0.00015
7.07	77.78	0.00016	0.00	70.71	0.00017
-7.07	63.64	0.00018	-14.14	56.57	0.00020
-17.68	53.03	0.00022	-21.21	49.50	0.00023
-23.33	47.38	0.00024	-24.75	45.96	0.00025
-26.16	44.55	0.00025	-27.58	43.13	0.00026
-28.99	41.72	0.00027	-41.72	28.99	0.00033
-43.13	27.58	0.00033	-44.55	26.16	0.00034
-45.96	24.75	0.00034	-47.38	23.33	0.00034
-49.50	21.21	0.00035	-53.03	17.68	0.00035

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	14.14	0.00036	-63.64	7.07	0.00038
-70.71	0.00	0.00041	-77.78	-7.07	0.00043
-84.85	-14.14	0.00045	-91.92	-21.21	0.00047
-98.99	-28.28	0.00048	-106.07	-35.36	0.00048
42.43	98.99	0.00012	35.36	91.92	0.00012
28.28	84.85	0.00013	21.21	77.78	0.00013
14.14	70.71	0.00014	7.07	63.64	0.00015
0.00	56.57	0.00017	-7.07	49.50	0.00018
-10.61	45.96	0.00019	-14.14	42.43	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 111
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00021	-17.68	38.89	0.00022
-19.09	37.48	0.00022	-20.51	36.06	0.00023
-21.92	34.65	0.00024	-34.65	21.92	0.00029
-36.06	20.51	0.00029	-37.48	19.09	0.00029
-38.89	17.68	0.00030	-40.31	16.26	0.00030
-42.43	14.14	0.00030	-45.96	10.61	0.00031
-49.50	7.07	0.00031	-56.57	0.00	0.00033
-63.64	-7.07	0.00035	-70.71	-14.14	0.00037
-77.78	-21.21	0.00039	-84.85	-28.28	0.00040
-91.92	-35.36	0.00041	-98.99	-42.43	0.00041
49.50	91.92	0.00010	42.43	84.85	0.00011
35.36	77.78	0.00011	28.28	70.71	0.00012
21.21	63.64	0.00013	14.14	56.57	0.00014
7.07	49.50	0.00015	0.00	42.43	0.00016
-3.54	38.89	0.00017	-7.07	35.36	0.00018
-9.19	33.23	0.00019	-10.61	31.82	0.00020
-12.02	30.41	0.00020	-13.44	28.99	0.00021
-14.85	27.58	0.00021	-27.58	14.85	0.00025
-28.99	13.44	0.00025	-30.41	12.02	0.00026
-31.82	10.61	0.00026	-33.23	9.19	0.00026
-35.36	7.07	0.00026	-38.89	3.54	0.00027
-42.43	0.00	0.00027	-49.50	-7.07	0.00028
-56.57	-14.14	0.00030	-63.64	-21.21	0.00031
-70.71	-28.28	0.00033	-77.78	-35.36	0.00034
-84.85	-42.43	0.00035	-91.92	-49.50	0.00036

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

56.57	84.85	0.00009	49.50	77.78	0.00010
42.43	70.71	0.00010	35.36	63.64	0.00011
28.28	56.57	0.00012	21.21	49.50	0.00012
14.14	42.43	0.00014	7.07	35.36	0.00015
3.54	31.82	0.00016	0.00	28.28	0.00017
-2.12	26.16	0.00017	-3.54	24.75	0.00018
-4.95	23.33	0.00018	-6.36	21.92	0.00018
-7.78	20.51	0.00019	-20.51	7.78	0.00022
-21.92	6.36	0.00022	-23.33	4.95	0.00023
-24.75	3.54	0.00023	-26.16	2.12	0.00023
-28.28	0.00	0.00023	-31.82	-3.54	0.00024
-35.36	-7.07	0.00024	-42.43	-14.14	0.00025
-49.50	-21.21	0.00026	-56.57	-28.28	0.00027
-63.64	-35.36	0.00029	-70.71	-42.43	0.00030
-77.78	-49.50	0.00031	-84.85	-56.57	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00008	56.57	70.71	0.00009
49.50	63.64	0.00009	42.43	56.57	0.00010
35.36	49.50	0.00011	28.28	42.43	0.00011
21.21	35.36	0.00012	14.14	28.28	0.00013
10.61	24.75	0.00014	7.07	21.21	0.00015
4.95	19.09	0.00015	3.54	17.68	0.00016
2.12	16.26	0.00016	0.71	14.85	0.00017
-0.71	13.44	0.00017	-13.44	0.71	0.00020
-14.85	-0.71	0.00020	-16.26	-2.12	0.00020
-17.68	-3.54	0.00020	-19.09	-4.95	0.00021
-21.21	-7.07	0.00021	-24.75	-10.61	0.00021
-28.28	-14.14	0.00021	-35.36	-21.21	0.00022
-42.43	-28.28	0.00023	-49.50	-35.36	0.00024
-56.57	-42.43	0.00025	-63.64	-49.50	0.00026
-70.71	-56.57	0.00027	-77.78	-63.64	0.00028
70.71	70.71	0.00008	63.64	63.64	0.00008
56.57	56.57	0.00009	49.50	49.50	0.00009
42.43	42.43	0.00010	35.36	35.36	0.00010
28.28	28.28	0.00011	21.21	21.21	0.00012

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

17.68	17.68	0.00013	14.14	14.14	0.00014
12.02	12.02	0.00014	10.61	10.61	0.00014
9.19	9.19	0.00015	7.78	7.78	0.00015
6.36	6.36	0.00015	-6.36	-6.36	0.00018
-7.78	-7.78	0.00018	-9.19	-9.19	0.00018
-10.61	-10.61	0.00018	-12.02	-12.02	0.00018
-14.14	-14.14	0.00019	-17.68	-17.68	0.00019
-21.21	-21.21	0.00019	-28.28	-28.28	0.00020
-35.36	-35.36	0.00020	-42.43	-42.43	0.00021
-49.50	-49.50	0.00022	-56.57	-56.57	0.00023
-63.64	-63.64	0.00024	-70.71	-70.71	0.00025
77.78	63.64	0.00007	70.71	56.57	0.00008
63.64	49.50	0.00008	56.57	42.43	0.00008
49.50	35.36	0.00009	42.43	28.28	0.00010
35.36	21.21	0.00010	28.28	14.14	0.00011
24.75	10.61	0.00012	21.21	7.07	0.00012
19.09	4.95	0.00013	17.68	3.54	0.00013
16.26	2.12	0.00013	14.85	0.71	0.00014
13.44	-0.71	0.00014	0.71	-13.44	0.00016
-0.71	-14.85	0.00016	-2.12	-16.26	0.00016
-3.54	-17.68	0.00016	-4.95	-19.09	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:
 PAGE 113

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00017	-10.61	-24.75	0.00017
-14.14	-28.28	0.00017	-21.21	-35.36	0.00018
-28.28	-42.43	0.00018	-35.36	-49.50	0.00019
-42.43	-56.57	0.00019	-49.50	-63.64	0.00020
-56.57	-70.71	0.00021	-63.64	-77.78	0.00022
84.85	56.57	0.00007	77.78	49.50	0.00007
70.71	42.43	0.00007	63.64	35.36	0.00008
56.57	28.28	0.00008	49.50	21.21	0.00009
42.43	14.14	0.00010	35.36	7.07	0.00010
31.82	3.54	0.00011	28.28	0.00	0.00011
26.16	-2.12	0.00012	24.75	-3.54	0.00012
23.33	-4.95	0.00012	21.92	-6.36	0.00012
20.51	-7.78	0.00013	7.78	-20.51	0.00014

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

6.36	-21.92	0.00015	4.95	-23.33	0.00015
3.54	-24.75	0.00015	2.12	-26.16	0.00015
0.00	-28.28	0.00015	-3.54	-31.82	0.00015
-7.07	-35.36	0.00016	-14.14	-42.43	0.00016
-21.21	-49.50	0.00016	-28.28	-56.57	0.00017
-35.36	-63.64	0.00017	-42.43	-70.71	0.00018
-49.50	-77.78	0.00019	-56.57	-84.85	0.00019
91.92	49.50	0.00006	84.85	42.43	0.00007
77.78	35.36	0.00007	70.71	28.28	0.00007
63.64	21.21	0.00008	56.57	14.14	0.00008
49.50	7.07	0.00009	42.43	0.00	0.00010
38.89	-3.54	0.00010	35.36	-7.07	0.00011
33.23	-9.19	0.00011	31.82	-10.61	0.00011
30.41	-12.02	0.00011	28.99	-13.44	0.00011
27.58	-14.85	0.00012	14.85	-27.58	0.00013
13.44	-28.99	0.00013	12.02	-30.41	0.00013
10.61	-31.82	0.00014	9.19	-33.23	0.00014
7.07	-35.36	0.00014	3.54	-38.89	0.00014
0.00	-42.43	0.00014	-7.07	-49.50	0.00014
-14.14	-56.57	0.00015	-21.21	-63.64	0.00015
-28.28	-70.71	0.00016	-35.36	-77.78	0.00016
-42.43	-84.85	0.00017	-49.50	-91.92	0.00017
98.99	42.43	0.00006	91.92	35.36	0.00006
84.85	28.28	0.00006	77.78	21.21	0.00007
70.71	14.14	0.00007	63.64	7.07	0.00008
56.57	0.00	0.00008	49.50	-7.07	0.00009
45.96	-10.61	0.00009	42.43	-14.14	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 114
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00010	38.89	-17.68	0.00010
37.48	-19.09	0.00010	36.06	-20.51	0.00011
34.65	-21.92	0.00011	21.92	-34.65	0.00012
20.51	-36.06	0.00012	19.09	-37.48	0.00012
17.68	-38.89	0.00012	16.26	-40.31	0.00012
14.14	-42.43	0.00013	10.61	-45.96	0.00013
7.07	-49.50	0.00013	0.00	-56.57	0.00013

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-63.64	0.00013	-14.14	-70.71	0.00014
-21.21	-77.78	0.00014	-28.28	-84.85	0.00015
-35.36	-91.92	0.00015	-42.43	-98.99	0.00016
106.07	35.36	0.00005	98.99	28.28	0.00006
91.92	21.21	0.00006	84.85	14.14	0.00006
77.78	7.07	0.00007	70.71	0.00	0.00007
63.64	-7.07	0.00008	56.57	-14.14	0.00008
53.03	-17.68	0.00009	49.50	-21.21	0.00009
47.38	-23.33	0.00009	45.96	-24.75	0.00009
44.55	-26.16	0.00010	43.13	-27.58	0.00010
41.72	-28.99	0.00010	28.99	-41.72	0.00011
27.58	-43.13	0.00011	26.16	-44.55	0.00011
24.75	-45.96	0.00011	23.33	-47.38	0.00011
21.21	-49.50	0.00012	17.68	-53.03	0.00012
14.14	-56.57	0.00012	7.07	-63.64	0.00012
0.00	-70.71	0.00012	-7.07	-77.78	0.00013
-14.14	-84.85	0.00013	-21.21	-91.92	0.00013
-28.28	-98.99	0.00014	-35.36	-106.07	0.00014
113.14	28.28	0.00005	106.07	21.21	0.00005
98.99	14.14	0.00006	91.92	7.07	0.00006
84.85	0.00	0.00006	77.78	-7.07	0.00007
70.71	-14.14	0.00007	63.64	-21.21	0.00008
60.10	-24.75	0.00008	56.57	-28.28	0.00008
54.45	-30.41	0.00009	53.03	-31.82	0.00009
51.62	-33.23	0.00009	50.20	-34.65	0.00009
48.79	-36.06	0.00009	36.06	-48.79	0.00010
34.65	-50.20	0.00010	33.23	-51.62	0.00010
31.82	-53.03	0.00010	30.41	-54.45	0.00011
28.28	-56.57	0.00011	24.75	-60.10	0.00011
21.21	-63.64	0.00011	14.14	-70.71	0.00011
7.07	-77.78	0.00011	0.00	-84.85	0.00012
-7.07	-91.92	0.00012	-14.14	-98.99	0.00012
-21.21	-106.07	0.00012	-28.28	-113.14	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00005	113.14	14.14	0.00005

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

106.07	7.07	0.00005	98.99	0.00	0.00006
91.92	-7.07	0.00006	84.85	-14.14	0.00006
77.78	-21.21	0.00007	70.71	-28.28	0.00007
67.18	-31.82	0.00008	63.64	-35.36	0.00008
61.52	-37.48	0.00008	60.10	-38.89	0.00008
58.69	-40.31	0.00008	57.28	-41.72	0.00008
55.86	-43.13	0.00009	43.13	-55.86	0.00009
41.72	-57.28	0.00010	40.31	-58.69	0.00010
38.89	-60.10	0.00010	37.48	-61.52	0.00010
35.36	-63.64	0.00010	31.82	-67.18	0.00010
28.28	-70.71	0.00010	21.21	-77.78	0.00010
14.14	-84.85	0.00010	7.07	-91.92	0.00011
0.00	-98.99	0.00011	-7.07	-106.07	0.00011
-14.14	-113.14	0.00011	-21.21	-120.21	0.00012
127.28	14.14	0.00005	120.21	7.07	0.00005
113.14	0.00	0.00005	106.07	-7.07	0.00005
98.99	-14.14	0.00006	91.92	-21.21	0.00006
84.85	-28.28	0.00006	77.78	-35.36	0.00007
74.25	-38.89	0.00007	70.71	-42.43	0.00007
68.59	-44.55	0.00008	67.18	-45.96	0.00008
65.76	-47.38	0.00008	64.35	-48.79	0.00008
62.93	-50.20	0.00008	50.20	-62.93	0.00009
48.79	-64.35	0.00009	47.38	-65.76	0.00009
45.96	-67.18	0.00009	44.55	-68.59	0.00009
42.43	-70.71	0.00009	38.89	-74.25	0.00009
35.36	-77.78	0.00009	28.28	-84.85	0.00010
21.21	-91.92	0.00010	14.14	-98.99	0.00010
7.07	-106.07	0.00010	0.00	-113.14	0.00010
-7.07	-120.21	0.00010	-14.14	-127.28	0.00011
134.35	7.07	0.00004	127.28	0.00	0.00005
120.21	-7.07	0.00005	113.14	-14.14	0.00005
106.07	-21.21	0.00005	98.99	-28.28	0.00006
91.92	-35.36	0.00006	84.85	-42.43	0.00006
81.32	-45.96	0.00007	77.78	-49.50	0.00007
75.66	-51.62	0.00007	74.25	-53.03	0.00007
72.83	-54.45	0.00007	71.42	-55.86	0.00007
70.00	-57.28	0.00007	57.28	-70.00	0.00008
55.86	-71.42	0.00008	54.45	-72.83	0.00008
53.03	-74.25	0.00008	51.62	-75.66	0.00008

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00009	45.96	-81.32	0.00009
42.43	-84.85	0.00009	35.36	-91.92	0.00009
28.28	-98.99	0.00009	21.21	-106.07	0.00009
14.14	-113.14	0.00009	7.07	-120.21	0.00009
0.00	-127.28	0.00010	-7.07	-134.35	0.00010
141.42	0.00	0.00004	134.35	-7.07	0.00004
127.28	-14.14	0.00005	120.21	-21.21	0.00005
113.14	-28.28	0.00005	106.07	-35.36	0.00005
98.99	-42.43	0.00006	91.92	-49.50	0.00006
88.39	-53.03	0.00006	84.85	-56.57	0.00006
82.73	-58.69	0.00007	81.32	-60.10	0.00007
79.90	-61.52	0.00007	78.49	-62.93	0.00007
77.07	-64.35	0.00007	64.35	-77.07	0.00008
62.93	-78.49	0.00008	61.52	-79.90	0.00008
60.10	-81.32	0.00008	58.69	-82.73	0.00008
56.57	-84.85	0.00008	53.03	-88.39	0.00008
49.50	-91.92	0.00008	42.43	-98.99	0.00008
35.36	-106.07	0.00008	28.28	-113.14	0.00009
21.21	-120.21	0.00009	14.14	-127.28	0.00009
7.07	-134.35	0.00009	0.00	-141.42	0.00009
148.49	-7.07	0.00004	141.42	-14.14	0.00004
134.35	-21.21	0.00004	127.28	-28.28	0.00004
120.21	-35.36	0.00005	113.14	-42.43	0.00005
106.07	-49.50	0.00005	98.99	-56.57	0.00006
95.46	-60.10	0.00006	91.92	-63.64	0.00006
89.80	-65.76	0.00006	88.39	-67.18	0.00006
86.97	-68.59	0.00006	85.56	-70.00	0.00006
84.15	-71.42	0.00007	71.42	-84.15	0.00007
70.00	-85.56	0.00007	68.59	-86.97	0.00007
67.18	-88.39	0.00007	65.76	-89.80	0.00007
63.64	-91.92	0.00007	60.10	-95.46	0.00008
56.57	-98.99	0.00008	49.50	-106.07	0.00008
42.43	-113.14	0.00008	35.36	-120.21	0.00008
28.28	-127.28	0.00008	21.21	-134.35	0.00008
14.14	-141.42	0.00008	7.07	-148.49	0.00009
155.56	-14.14	0.00004	148.49	-21.21	0.00004
141.42	-28.28	0.00004	134.35	-35.36	0.00004
127.28	-42.43	0.00005	120.21	-49.50	0.00005
113.14	-56.57	0.00005	106.07	-63.64	0.00005

102.53 -67.18 0.00006 98.99 -70.71 0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:
 PAGE 117

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00006	95.46	-74.25	0.00006
94.05	-75.66	0.00006	92.63	-77.07	0.00006
91.22	-78.49	0.00006	78.49	-91.22	0.00007
77.07	-92.63	0.00007	75.66	-94.05	0.00007
74.25	-95.46	0.00007	72.83	-96.87	0.00007
70.71	-98.99	0.00007	67.18	-102.53	0.00007
63.64	-106.07	0.00007	56.57	-113.14	0.00007
49.50	-120.21	0.00007	42.43	-127.28	0.00007
35.36	-134.35	0.00008	28.28	-141.42	0.00008
21.21	-148.49	0.00008	14.14	-155.56	0.00008
162.63	-21.21	0.00004	155.56	-28.28	0.00004
148.49	-35.36	0.00004	141.42	-42.43	0.00004
134.35	-49.50	0.00004	127.28	-56.57	0.00005
120.21	-63.64	0.00005	113.14	-70.71	0.00005
109.60	-74.25	0.00005	106.07	-77.78	0.00005
103.94	-79.90	0.00006	102.53	-81.32	0.00006
101.12	-82.73	0.00006	99.70	-84.15	0.00006
98.29	-85.56	0.00006	85.56	-98.29	0.00006
84.15	-99.70	0.00006	82.73	-101.12	0.00006
81.32	-102.53	0.00006	79.90	-103.94	0.00006
77.78	-106.07	0.00007	74.25	-109.60	0.00007
70.71	-113.14	0.00007	63.64	-120.21	0.00007
56.57	-127.28	0.00007	49.50	-134.35	0.00007
42.43	-141.42	0.00007	35.36	-148.49	0.00007
28.28	-155.56	0.00007	21.21	-162.63	0.00007
169.71	-28.28	0.00003	162.63	-35.36	0.00004
155.56	-42.43	0.00004	148.49	-49.50	0.00004
141.42	-56.57	0.00004	134.35	-63.64	0.00004
127.28	-70.71	0.00005	120.21	-77.78	0.00005
116.67	-81.32	0.00005	113.14	-84.85	0.00005
111.02	-86.97	0.00005	109.60	-88.39	0.00005
108.19	-89.80	0.00005	106.77	-91.22	0.00005
105.36	-92.63	0.00005	92.63	-105.36	0.00006

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

91.22	-106.77	0.00006	89.80	-108.19	0.00006
88.39	-109.60	0.00006	86.97	-111.02	0.00006
84.85	-113.14	0.00006	81.32	-116.67	0.00006
77.78	-120.21	0.00006	70.71	-127.28	0.00006
63.64	-134.35	0.00007	56.57	-141.42	0.00007
49.50	-148.49	0.00007	42.43	-155.56	0.00007
35.36	-162.63	0.00007	28.28	-169.71	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00003	169.71	-42.43	0.00003
162.63	-49.50	0.00004	155.56	-56.57	0.00004
148.49	-63.64	0.00004	141.42	-70.71	0.00004
134.35	-77.78	0.00004	127.28	-84.85	0.00005
123.74	-88.39	0.00005	120.21	-91.92	0.00005
118.09	-94.05	0.00005	116.67	-95.46	0.00005
115.26	-96.87	0.00005	113.84	-98.29	0.00005
112.43	-99.70	0.00005	99.70	-112.43	0.00006
98.29	-113.84	0.00006	96.87	-115.26	0.00006
95.46	-116.67	0.00006	94.05	-118.09	0.00006
91.92	-120.21	0.00006	88.39	-123.74	0.00006
84.85	-127.28	0.00006	77.78	-134.35	0.00006
70.71	-141.42	0.00006	63.64	-148.49	0.00006
56.57	-155.56	0.00006	49.50	-162.63	0.00006
42.43	-169.71	0.00006	35.36	-176.78	0.00007
183.85	-42.43	0.00003	176.78	-49.50	0.00003
169.71	-56.57	0.00003	162.63	-63.64	0.00004
155.56	-70.71	0.00004	148.49	-77.78	0.00004
141.42	-84.85	0.00004	134.35	-91.92	0.00004
130.81	-95.46	0.00004	127.28	-98.99	0.00005
125.16	-101.12	0.00005	123.74	-102.53	0.00005
122.33	-103.94	0.00005	120.92	-105.36	0.00005
119.50	-106.77	0.00005	106.77	-119.50	0.00005
105.36	-120.92	0.00005	103.94	-122.33	0.00005
102.53	-123.74	0.00005	101.12	-125.16	0.00005
98.99	-127.28	0.00005	95.46	-130.81	0.00006
91.92	-134.35	0.00006	84.85	-141.42	0.00006

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-148.49	0.00006	70.71	-155.56	0.00006
63.64	-162.63	0.00006	56.57	-169.71	0.00006
49.50	-176.78	0.00006	42.43	-183.85	0.00006
190.92	-49.50	0.00003	183.85	-56.57	0.00003
176.78	-63.64	0.00003	169.71	-70.71	0.00003
162.63	-77.78	0.00004	155.56	-84.85	0.00004
148.49	-91.92	0.00004	141.42	-98.99	0.00004
137.89	-102.53	0.00004	134.35	-106.07	0.00004
132.23	-108.19	0.00004	130.81	-109.60	0.00005
129.40	-111.02	0.00005	127.99	-112.43	0.00005
126.57	-113.84	0.00005	113.84	-126.57	0.00005
112.43	-127.99	0.00005	111.02	-129.40	0.00005
109.60	-130.81	0.00005	108.19	-132.23	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00005	102.53	-137.89	0.00005
98.99	-141.42	0.00005	91.92	-148.49	0.00005
84.85	-155.56	0.00006	77.78	-162.63	0.00006
70.71	-169.71	0.00006	63.64	-176.78	0.00006
56.57	-183.85	0.00006	49.50	-190.92	0.00006
197.99	-56.57	0.00003	190.92	-63.64	0.00003
183.85	-70.71	0.00003	176.78	-77.78	0.00003
169.71	-84.85	0.00003	162.63	-91.92	0.00004
155.56	-98.99	0.00004	148.49	-106.07	0.00004
144.96	-109.60	0.00004	141.42	-113.14	0.00004
139.30	-115.26	0.00004	137.89	-116.67	0.00004
136.47	-118.09	0.00004	135.06	-119.50	0.00004
133.64	-120.92	0.00004	120.92	-133.64	0.00005
119.50	-135.06	0.00005	118.09	-136.47	0.00005
116.67	-137.89	0.00005	115.26	-139.30	0.00005
113.14	-141.42	0.00005	109.60	-144.96	0.00005
106.07	-148.49	0.00005	98.99	-155.56	0.00005
91.92	-162.63	0.00005	84.85	-169.71	0.00005
77.78	-176.78	0.00005	70.71	-183.85	0.00005
63.64	-190.92	0.00005	56.57	-197.99	0.00005
205.06	-63.64	0.00003	197.99	-70.71	0.00003

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-77.78	0.00003	183.85	-84.85	0.00003
176.78	-91.92	0.00003	169.71	-98.99	0.00003
162.63	-106.07	0.00004	155.56	-113.14	0.00004
152.03	-116.67	0.00004	148.49	-120.21	0.00004
146.37	-122.33	0.00004	144.96	-123.74	0.00004
143.54	-125.16	0.00004	142.13	-126.57	0.00004
140.71	-127.99	0.00004	127.99	-140.71	0.00005
126.57	-142.13	0.00005	125.16	-143.54	0.00005
123.74	-144.96	0.00005	122.33	-146.37	0.00005
120.21	-148.49	0.00005	116.67	-152.03	0.00005
113.14	-155.56	0.00005	106.07	-162.63	0.00005
98.99	-169.71	0.00005	91.92	-176.78	0.00005
84.85	-183.85	0.00005	77.78	-190.92	0.00005
70.71	-197.99	0.00005	63.64	-205.06	0.00005
212.13	-70.71	0.00003	205.06	-77.78	0.00003
197.99	-84.85	0.00003	190.92	-91.92	0.00003
183.85	-98.99	0.00003	176.78	-106.07	0.00003
169.71	-113.14	0.00003	162.63	-120.21	0.00004
159.10	-123.74	0.00004	155.56	-127.28	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00004	152.03	-130.81	0.00004
150.61	-132.23	0.00004	149.20	-133.64	0.00004
147.79	-135.06	0.00004	135.06	-147.79	0.00004
133.64	-149.20	0.00004	132.23	-150.61	0.00004
130.81	-152.03	0.00004	129.40	-153.44	0.00004
127.28	-155.56	0.00004	123.74	-159.10	0.00005
120.21	-162.63	0.00005	113.14	-169.71	0.00005
106.07	-176.78	0.00005	98.99	-183.85	0.00005
91.92	-190.92	0.00005	84.85	-197.99	0.00005
77.78	-205.06	0.00005	70.71	-212.13	0.00005
219.20	-77.78	0.00003	212.13	-84.85	0.00003
205.06	-91.92	0.00003	197.99	-98.99	0.00003
190.92	-106.07	0.00003	183.85	-113.14	0.00003
176.78	-120.21	0.00003	169.71	-127.28	0.00003
166.17	-130.81	0.00004	162.63	-134.35	0.00004

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

160.51	-136.47	0.00004	159.10	-137.89	0.00004
157.68	-139.30	0.00004	156.27	-140.71	0.00004
154.86	-142.13	0.00004	142.13	-154.86	0.00004
140.71	-156.27	0.00004	139.30	-157.68	0.00004
137.89	-159.10	0.00004	136.47	-160.51	0.00004
134.35	-162.63	0.00004	130.81	-166.17	0.00004
127.28	-169.71	0.00004	120.21	-176.78	0.00004
113.14	-183.85	0.00004	106.07	-190.92	0.00005
98.99	-197.99	0.00005	91.92	-205.06	0.00005
84.85	-212.13	0.00005	77.78	-219.20	0.00005
226.27	-84.85	0.00002	219.20	-91.92	0.00003
212.13	-98.99	0.00003	205.06	-106.07	0.00003
197.99	-113.14	0.00003	190.92	-120.21	0.00003
183.85	-127.28	0.00003	176.78	-134.35	0.00003
173.24	-137.89	0.00003	169.71	-141.42	0.00003
167.58	-143.54	0.00004	166.17	-144.96	0.00004
164.76	-146.37	0.00004	163.34	-147.79	0.00004
161.93	-149.20	0.00004	149.20	-161.93	0.00004
147.79	-163.34	0.00004	146.37	-164.76	0.00004
144.96	-166.17	0.00004	143.54	-167.58	0.00004
141.42	-169.71	0.00004	137.89	-173.24	0.00004
134.35	-176.78	0.00004	127.28	-183.85	0.00004
120.21	-190.92	0.00004	113.14	-197.99	0.00004
106.07	-205.06	0.00004	98.99	-212.13	0.00004
91.92	-219.20	0.00004	84.85	-226.27	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00002	226.27	-98.99	0.00002
219.20	-106.07	0.00003	212.13	-113.14	0.00003
205.06	-120.21	0.00003	197.99	-127.28	0.00003
190.92	-134.35	0.00003	183.85	-141.42	0.00003
180.31	-144.96	0.00003	176.78	-148.49	0.00003
174.66	-150.61	0.00003	173.24	-152.03	0.00003
171.83	-153.44	0.00003	170.41	-154.86	0.00003
169.00	-156.27	0.00003	156.27	-169.00	0.00004
154.86	-170.41	0.00004	153.44	-171.83	0.00004

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

152.03	-173.24	0.00004	150.61	-174.66	0.00004
148.49	-176.78	0.00004	144.96	-180.31	0.00004
141.42	-183.85	0.00004	134.35	-190.92	0.00004
127.28	-197.99	0.00004	120.21	-205.06	0.00004
113.14	-212.13	0.00004	106.07	-219.20	0.00004
98.99	-226.27	0.00004	91.92	-233.35	0.00004
240.42	-98.99	0.00002	233.35	-106.07	0.00002
226.27	-113.14	0.00002	219.20	-120.21	0.00003
212.13	-127.28	0.00003	205.06	-134.35	0.00003
197.99	-141.42	0.00003	190.92	-148.49	0.00003
187.38	-152.03	0.00003	183.85	-155.56	0.00003
181.73	-157.68	0.00003	180.31	-159.10	0.00003
178.90	-160.51	0.00003	177.48	-161.93	0.00003
176.07	-163.34	0.00003	163.34	-176.07	0.00004
161.93	-177.48	0.00004	160.51	-178.90	0.00004
159.10	-180.31	0.00004	157.68	-181.73	0.00004
155.56	-183.85	0.00004	152.03	-187.38	0.00004
148.49	-190.92	0.00004	141.42	-197.99	0.00004
134.35	-205.06	0.00004	127.28	-212.13	0.00004
120.21	-219.20	0.00004	113.14	-226.27	0.00004
106.07	-233.35	0.00004	98.99	-240.42	0.00004
247.49	-106.07	0.00002	240.42	-113.14	0.00002
233.35	-120.21	0.00002	226.27	-127.28	0.00002
219.20	-134.35	0.00003	212.13	-141.42	0.00003
205.06	-148.49	0.00003	197.99	-155.56	0.00003
194.45	-159.10	0.00003	190.92	-162.63	0.00003
188.80	-164.76	0.00003	187.38	-166.17	0.00003
185.97	-167.58	0.00003	184.55	-169.00	0.00003
183.14	-170.41	0.00003	170.41	-183.14	0.00003
169.00	-184.55	0.00003	167.58	-185.97	0.00003
166.17	-187.38	0.00003	164.76	-188.80	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00004	159.10	-194.45	0.00004
155.56	-197.99	0.00004	148.49	-205.06	0.00004
141.42	-212.13	0.00004	134.35	-219.20	0.00004

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-226.27	0.00004	120.21	-233.35	0.00004
113.14	-240.42	0.00004	106.07	-247.49	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3				
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-106.07	247.49	0.00220	-113.14	240.42	0.00238	
-120.21	233.35	0.00257	-127.28	226.27	0.00278	
-134.35	219.20	0.00301	-141.42	212.13	0.00323	
-148.49	205.06	0.00341	-155.56	197.99	0.00342	
-159.10	194.45	0.00328	-162.63	190.92	0.00299	
-164.76	188.80	0.00276	-166.17	187.38	0.00259	
-167.58	185.97	0.00243	-169.00	184.55	0.00227	
-170.41	183.14	0.00212	-183.14	170.41	0.00153	
-184.55	169.00	0.00150	-185.97	167.58	0.00147	
-187.38	166.17	0.00145	-188.80	164.76	0.00144	
-190.92	162.63	0.00143	-194.45	159.10	0.00143	
-197.99	155.56	0.00144	-205.06	148.49	0.00144	
-212.13	141.42	0.00143	-219.20	134.35	0.00139	
-226.27	127.28	0.00135	-233.35	120.21	0.00129	
-240.42	113.14	0.00124	-247.49	106.07	0.00118	
-98.99	240.42	0.00233	-106.07	233.35	0.00253	
-113.14	226.27	0.00276	-120.21	219.20	0.00302	
-127.28	212.13	0.00332	-134.35	205.06	0.00366	
-141.42	197.99	0.00400	-148.49	190.92	0.00430	
-152.03	187.38	0.00437	-155.56	183.85	0.00427	
-157.68	181.73	0.00409	-159.10	180.31	0.00389	
-160.51	178.90	0.00364	-161.93	177.48	0.00335	
-163.34	176.07	0.00304	-176.07	163.34	0.00180	
-177.48	161.93	0.00178	-178.90	160.51	0.00176	
-180.31	159.10	0.00176	-181.73	157.68	0.00177	
-183.85	155.56	0.00178	-187.38	152.03	0.00180	
-190.92	148.49	0.00181	-197.99	141.42	0.00180	
-205.06	134.35	0.00176	-212.13	127.28	0.00168	
-219.20	120.21	0.00160	-226.27	113.14	0.00151	
-233.35	106.07	0.00143	-240.42	98.99	0.00135	
-91.92	233.35	0.00244	-99.00	226.27	0.00267	
-106.07	219.20	0.00293	-113.14	212.13	0.00324	

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	205.06	0.00360	-127.28	197.99	0.00402
-134.35	190.92	0.00451	-141.42	183.85	0.00505
-144.96	180.31	0.00531	-148.49	176.78	0.00551
-150.61	174.66	0.00557	-152.03	173.24	0.00556
-153.44	171.83	0.00551	-154.86	170.41	0.00536
-156.27	169.00	0.00507	-169.00	156.27	0.00234
-170.41	154.86	0.00235	-171.83	153.44	0.00235
-173.24	152.03	0.00236	-174.66	150.61	0.00237

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00237	-180.31	144.96	0.00237
-183.85	141.42	0.00235	-190.92	134.35	0.00228
-197.99	127.28	0.00216	-205.06	120.21	0.00203
-212.13	113.14	0.00189	-219.20	106.07	0.00176
-226.27	98.99	0.00164	-233.35	91.92	0.00153
-84.85	226.27	0.00254	-91.92	219.20	0.00279
-99.00	212.13	0.00308	-106.07	205.06	0.00342
-113.14	197.99	0.00383	-120.21	190.92	0.00432
-127.28	183.85	0.00490	-134.35	176.78	0.00558
-137.89	173.24	0.00596	-141.42	169.71	0.00630
-143.54	167.58	0.00646	-144.96	166.17	0.00654
-146.37	164.76	0.00658	-147.79	163.34	0.00665
-149.20	161.93	0.00664	-161.93	149.20	0.00391
-163.34	147.79	0.00372	-164.76	146.37	0.00358
-166.17	144.96	0.00348	-167.58	143.54	0.00340
-169.71	141.42	0.00330	-173.24	137.89	0.00318
-176.78	134.35	0.00308	-183.85	127.28	0.00286
-190.92	120.21	0.00264	-197.99	113.14	0.00242
-205.06	106.07	0.00222	-212.13	98.99	0.00203
-219.20	91.92	0.00187	-226.27	84.85	0.00172
-77.78	219.20	0.00262	-84.85	212.13	0.00289
-91.92	205.06	0.00319	-99.00	197.99	0.00356
-106.07	190.92	0.00400	-113.14	183.85	0.00453
-120.21	176.78	0.00516	-127.28	169.71	0.00590
-130.81	166.17	0.00630	-134.35	162.63	0.00668
-136.47	160.51	0.00686	-137.89	159.10	0.00693

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-139.30	157.68	0.00696	-140.71	156.27	0.00699
-142.13	154.86	0.00698	-154.86	142.13	0.00483
-156.27	140.71	0.00469	-157.68	139.30	0.00458
-159.10	137.89	0.00447	-160.51	136.47	0.00438
-162.63	134.35	0.00425	-166.17	130.81	0.00405
-169.71	127.28	0.00386	-176.78	120.21	0.00349
-183.85	113.14	0.00315	-190.92	106.07	0.00284
-197.99	98.99	0.00256	-205.06	91.92	0.00231
-212.13	84.85	0.00210	-219.20	77.78	0.00192
-70.71	212.13	0.00269	-77.78	205.06	0.00297
-84.85	197.99	0.00329	-91.92	190.92	0.00367
-98.99	183.85	0.00413	-106.07	176.78	0.00468
-113.14	169.71	0.00534	-120.21	162.63	0.00610
-123.74	159.10	0.00649	-127.28	155.56	0.00687

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00705	-130.81	152.03	0.00713
-132.23	150.61	0.00716	-133.64	149.20	0.00715
-135.06	147.79	0.00715	-147.79	135.06	0.00522
-149.20	133.64	0.00512	-150.61	132.23	0.00505
-152.03	130.81	0.00499	-153.44	129.40	0.00492
-155.56	127.28	0.00483	-159.10	123.74	0.00466
-162.63	120.21	0.00448	-169.71	113.14	0.00407
-176.78	106.07	0.00364	-183.85	98.99	0.00324
-190.92	91.92	0.00290	-197.99	84.85	0.00260
-205.06	77.78	0.00234	-212.13	70.71	0.00213
-63.64	205.06	0.00275	-70.71	197.99	0.00303
-77.78	190.92	0.00336	-84.85	183.85	0.00375
-91.92	176.78	0.00422	-98.99	169.71	0.00479
-106.07	162.63	0.00546	-113.14	155.56	0.00623
-116.67	152.03	0.00662	-120.21	148.49	0.00698
-122.33	146.37	0.00716	-123.74	144.96	0.00725
-125.16	143.54	0.00729	-126.57	142.13	0.00729
-127.99	140.71	0.00728	-140.71	127.99	0.00546
-142.13	126.57	0.00538	-143.54	125.16	0.00533
-144.96	123.74	0.00528	-146.37	122.33	0.00524

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-148.49	120.21	0.00518	-152.03	116.67	0.00505
-155.56	113.14	0.00489	-162.63	106.07	0.00449
-169.71	98.99	0.00405	-176.78	91.92	0.00361
-183.85	84.85	0.00321	-190.92	77.78	0.00287
-197.99	70.71	0.00258	-205.06	63.64	0.00233
-56.57	197.99	0.00279	-63.64	190.92	0.00308
-70.71	183.85	0.00342	-77.78	176.78	0.00382
-84.85	169.71	0.00430	-91.92	162.63	0.00486
-98.99	155.56	0.00554	-106.07	148.49	0.00631
-109.60	144.96	0.00671	-113.14	141.42	0.00708
-115.26	139.30	0.00725	-116.67	137.89	0.00734
-118.09	136.47	0.00739	-119.50	135.06	0.00739
-120.92	133.64	0.00737	-133.64	120.92	0.00564
-135.06	119.50	0.00556	-136.47	118.09	0.00552
-137.89	116.67	0.00548	-139.30	115.26	0.00545
-141.42	113.14	0.00541	-144.96	109.60	0.00530
-148.49	106.07	0.00516	-155.56	98.99	0.00479
-162.63	91.92	0.00435	-169.71	84.85	0.00390
-176.78	77.78	0.00348	-183.85	70.71	0.00311
-190.92	63.64	0.00279	-197.99	56.57	0.00251

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00283	-56.57	183.85	0.00312
-63.64	176.78	0.00346	-70.71	169.71	0.00387
-77.78	162.63	0.00435	-84.85	155.56	0.00492
-91.92	148.49	0.00560	-98.99	141.42	0.00637
-102.53	137.89	0.00678	-106.07	134.35	0.00715
-108.19	132.23	0.00733	-109.60	130.81	0.00741
-111.02	129.40	0.00746	-112.43	127.99	0.00747
-113.84	126.57	0.00744	-126.57	113.84	0.00578
-127.99	112.43	0.00570	-129.40	111.02	0.00566
-130.81	109.60	0.00563	-132.23	108.19	0.00560
-134.35	106.07	0.00556	-137.89	102.53	0.00548
-141.42	98.99	0.00535	-148.49	91.92	0.00500
-155.56	84.85	0.00457	-162.63	77.78	0.00412
-169.71	70.71	0.00370	-176.78	63.64	0.00332

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-183.85	56.57	0.00298	-190.92	49.50	0.00268
-42.43	183.85	0.00286	-49.50	176.78	0.00315
-56.57	169.71	0.00350	-63.64	162.63	0.00390
-70.71	155.56	0.00439	-77.78	148.49	0.00496
-84.85	141.42	0.00564	-91.92	134.35	0.00643
-95.46	130.81	0.00683	-98.99	127.28	0.00721
-101.12	125.16	0.00739	-102.53	123.74	0.00748
-103.94	122.33	0.00753	-105.36	120.92	0.00754
-106.77	119.50	0.00751	-119.50	106.77	0.00588
-120.92	105.36	0.00581	-122.33	103.94	0.00577
-123.74	102.53	0.00574	-125.16	101.12	0.00572
-127.28	98.99	0.00568	-130.81	95.46	0.00560
-134.35	91.92	0.00549	-141.42	84.85	0.00516
-148.49	77.78	0.00473	-155.56	70.71	0.00429
-162.63	63.64	0.00387	-169.71	56.57	0.00348
-176.78	49.50	0.00314	-183.85	42.43	0.00283
-35.36	176.78	0.00288	-42.43	169.71	0.00318
-49.50	162.63	0.00353	-56.57	155.56	0.00393
-63.64	148.49	0.00442	-70.71	141.42	0.00500
-77.78	134.35	0.00568	-84.85	127.28	0.00646
-88.39	123.74	0.00688	-91.92	120.21	0.00727
-94.05	118.09	0.00745	-95.46	116.67	0.00753
-96.87	115.26	0.00758	-98.29	113.84	0.00759
-99.70	112.43	0.00757	-112.43	99.70	0.00597
-113.84	98.29	0.00590	-115.26	96.87	0.00585
-116.67	95.46	0.00583	-118.09	94.05	0.00581

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTS:
 PAGE 127
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00577	-123.74	88.39	0.00570
-127.28	84.85	0.00560	-134.35	77.78	0.00528
-141.42	70.71	0.00486	-148.49	63.64	0.00442
-155.56	56.57	0.00400	-162.63	49.50	0.00361
-169.71	42.43	0.00326	-176.78	35.36	0.00296
-28.28	169.71	0.00290	-35.36	162.63	0.00320
-42.43	155.56	0.00355	-49.50	148.49	0.00396
-56.57	141.42	0.00445	-63.64	134.35	0.00502

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	127.28	0.00570	-77.78	120.21	0.00649
-81.32	116.67	0.00692	-84.85	113.14	0.00731
-86.97	111.02	0.00750	-88.39	109.60	0.00759
-89.80	108.19	0.00766	-91.22	106.77	0.00767
-92.63	105.36	0.00762	-105.36	92.63	0.00605
-106.77	91.22	0.00597	-108.19	89.80	0.00592
-109.60	88.39	0.00589	-111.02	86.97	0.00588
-113.14	84.85	0.00585	-116.67	81.32	0.00578
-120.21	77.78	0.00567	-127.28	70.71	0.00537
-134.35	63.64	0.00496	-141.42	56.57	0.00453
-148.49	49.50	0.00411	-155.56	42.43	0.00372
-162.63	35.36	0.00337	-169.71	28.28	0.00306
-21.21	162.63	0.00292	-28.28	155.56	0.00321
-35.36	148.49	0.00356	-42.43	141.42	0.00398
-49.50	134.35	0.00446	-56.57	127.28	0.00504
-63.64	120.21	0.00573	-70.71	113.14	0.00651
-74.25	109.60	0.00694	-77.78	106.07	0.00733
-79.90	103.94	0.00752	-81.32	102.53	0.00760
-82.73	101.12	0.00766	-84.15	99.70	0.00775
-85.56	98.29	0.00775	-98.29	85.56	0.00609
-99.70	84.15	0.00602	-101.12	82.73	0.00598
-102.53	81.32	0.00596	-103.94	79.90	0.00594
-106.07	77.78	0.00591	-109.60	74.25	0.00584
-113.14	70.71	0.00574	-120.21	63.64	0.00544
-127.28	56.57	0.00504	-134.35	49.50	0.00461
-141.42	42.43	0.00419	-148.49	35.36	0.00380
-155.56	28.28	0.00346	-162.63	21.21	0.00314
-14.14	155.56	0.00293	-21.21	148.49	0.00323
-28.28	141.42	0.00358	-35.36	134.35	0.00399
-42.43	127.28	0.00448	-49.50	120.21	0.00506
-56.57	113.14	0.00575	-63.64	106.07	0.00654
-67.18	102.53	0.00696	-70.71	98.99	0.00736

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00755	-74.25	95.46	0.00764
-75.66	94.05	0.00769	-77.07	92.63	0.00774

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-78.49	91.22	0.00776	-91.22	78.49	0.00612
-92.63	77.07	0.00606	-94.05	75.66	0.00603
-95.46	74.25	0.00600	-96.87	72.83	0.00598
-98.99	70.71	0.00595	-102.53	67.18	0.00589
-106.07	63.64	0.00579	-113.14	56.57	0.00549
-120.21	49.50	0.00510	-127.28	42.43	0.00468
-134.35	35.36	0.00426	-141.42	28.28	0.00387
-148.49	21.21	0.00353	-155.56	14.14	0.00322
-7.07	148.49	0.00293	-14.14	141.42	0.00323
-21.21	134.35	0.00358	-28.28	127.28	0.00400
-35.36	120.21	0.00449	-42.43	113.14	0.00507
-49.50	106.07	0.00576	-56.57	98.99	0.00656
-60.10	95.46	0.00697	-63.64	91.92	0.00738
-65.76	89.80	0.00758	-67.18	88.39	0.00768
-68.59	86.97	0.00773	-70.00	85.56	0.00775
-71.42	84.15	0.00778	-84.15	71.42	0.00616
-85.56	70.00	0.00610	-86.97	68.59	0.00606
-88.39	67.18	0.00604	-89.80	65.76	0.00602
-91.92	63.64	0.00599	-95.46	60.10	0.00593
-98.99	56.57	0.00583	-106.07	49.50	0.00554
-113.14	42.43	0.00515	-120.21	35.36	0.00473
-127.28	28.28	0.00432	-134.35	21.21	0.00393
-141.42	14.14	0.00358	-148.49	7.07	0.00327
0.00	141.42	0.00294	-7.07	134.35	0.00324
-14.14	127.28	0.00359	-21.21	120.21	0.00400
-28.28	113.14	0.00450	-35.36	106.07	0.00508
-42.43	98.99	0.00578	-49.50	91.92	0.00658
-53.03	88.39	0.00700	-56.57	84.85	0.00738
-58.69	82.73	0.00759	-60.10	81.32	0.00769
-61.52	79.90	0.00775	-62.93	78.49	0.00777
-64.35	77.07	0.00779	-77.07	64.35	0.00619
-78.49	62.93	0.00613	-79.90	61.52	0.00609
-81.32	60.10	0.00607	-82.73	58.69	0.00605
-84.85	56.57	0.00602	-88.39	53.03	0.00596
-91.92	49.50	0.00587	-98.99	42.43	0.00557
-106.07	35.36	0.00519	-113.14	28.28	0.00477
-120.21	21.21	0.00436	-127.28	14.14	0.00398
-134.35	7.07	0.00363	-141.42	0.00	0.00332

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTS:
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00294	0.00	127.28	0.00324
-7.07	120.21	0.00359	-14.14	113.14	0.00401
-21.21	106.07	0.00450	-28.28	98.99	0.00509
-35.36	91.92	0.00579	-42.43	84.85	0.00659
-45.96	81.32	0.00701	-49.50	77.78	0.00741
-51.62	75.66	0.00760	-53.03	74.25	0.00770
-54.45	72.83	0.00777	-55.86	71.42	0.00779
-57.28	70.00	0.00779	-70.00	57.28	0.00622
-71.42	55.86	0.00615	-72.83	54.45	0.00612
-74.25	53.03	0.00609	-75.66	51.62	0.00608
-77.78	49.50	0.00605	-81.32	45.96	0.00599
-84.85	42.43	0.00589	-91.92	35.36	0.00560
-98.99	28.28	0.00522	-106.07	21.21	0.00481
-113.14	14.14	0.00440	-120.21	7.07	0.00402
-127.28	0.00	0.00368	-134.35	-7.07	0.00337
14.14	127.28	0.00294	7.07	120.21	0.00324
0.00	113.14	0.00359	-7.07	106.07	0.00401
-14.14	98.99	0.00451	-21.21	91.92	0.00510
-28.28	84.85	0.00580	-35.36	77.78	0.00660
-38.89	74.25	0.00702	-42.43	70.71	0.00742
-44.55	68.59	0.00762	-45.96	67.18	0.00771
-47.38	65.76	0.00777	-48.79	64.35	0.00780
-50.20	62.93	0.00778	-62.93	50.20	0.00624
-64.35	48.79	0.00618	-65.76	47.38	0.00614
-67.18	45.96	0.00612	-68.59	44.55	0.00610
-70.71	42.43	0.00607	-74.25	38.89	0.00601
-77.78	35.36	0.00592	-84.85	28.28	0.00563
-91.92	21.21	0.00525	-98.99	14.14	0.00484
-106.07	7.07	0.00443	-113.14	0.00	0.00405
-120.21	-7.07	0.00371	-127.28	-14.14	0.00340
21.21	120.21	0.00294	14.14	113.14	0.00324
7.07	106.07	0.00359	0.00	98.99	0.00401
-7.07	91.92	0.00451	-14.14	84.85	0.00510
-21.21	77.78	0.00580	-28.28	70.71	0.00661
-31.82	67.18	0.00703	-35.36	63.64	0.00743
-37.48	61.52	0.00763	-38.89	60.10	0.00773
-40.31	58.69	0.00779	-41.72	57.28	0.00781
-43.13	55.86	0.00779	-55.86	43.13	0.00626
-57.28	41.72	0.00619	-58.69	40.31	0.00616
-60.10	38.89	0.00614	-61.52	37.48	0.00612

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:33:00

**MODELOPTS:

PAGE 130

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00609	-67.18	31.82	0.00603
-70.71	28.28	0.00594	-77.78	21.21	0.00565
-84.85	14.14	0.00527	-91.92	7.07	0.00486
-98.99	0.00	0.00446	-106.07	-7.07	0.00408
-113.14	-14.14	0.00374	-120.21	-21.21	0.00343
28.28	113.14	0.00293	21.21	106.07	0.00324
14.14	98.99	0.00359	7.07	91.92	0.00401
0.00	84.85	0.00451	-7.07	77.78	0.00510
-14.14	70.71	0.00580	-21.21	63.64	0.00661
-24.75	60.10	0.00705	-28.28	56.57	0.00745
-30.41	54.45	0.00764	-31.82	53.03	0.00773
-33.23	51.62	0.00779	-34.65	50.20	0.00782
-36.06	48.79	0.00780	-48.79	36.06	0.00628
-50.20	34.65	0.00621	-51.62	33.23	0.00617
-53.03	31.82	0.00615	-54.45	30.41	0.00613
-56.57	28.28	0.00610	-60.10	24.75	0.00604
-63.64	21.21	0.00595	-70.71	14.14	0.00566
-77.78	7.07	0.00528	-84.85	0.00	0.00488
-91.92	-7.07	0.00448	-98.99	-14.14	0.00410
-106.07	-21.21	0.00376	-113.14	-28.28	0.00346
35.36	106.07	0.00293	28.28	98.99	0.00323
21.21	91.92	0.00359	14.14	84.85	0.00401
7.07	77.78	0.00451	0.00	70.71	0.00510
-7.07	63.64	0.00580	-14.14	56.57	0.00661
-17.68	53.03	0.00705	-21.21	49.50	0.00745
-23.33	47.38	0.00765	-24.75	45.96	0.00776
-26.16	44.55	0.00783	-27.58	43.13	0.00785
-28.99	41.72	0.00781	-41.72	28.99	0.00630
-43.13	27.58	0.00623	-44.55	26.16	0.00618
-45.96	24.75	0.00616	-47.38	23.33	0.00614
-49.50	21.21	0.00612	-53.03	17.68	0.00606
-56.57	14.14	0.00596	-63.64	7.07	0.00567
-70.71	0.00	0.00530	-77.78	-7.07	0.00489
-84.85	-14.14	0.00449	-91.92	-21.21	0.00412

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-98.99	-28.28	0.00378	-106.07	-35.36	0.00348
42.43	98.99	0.00292	35.36	91.92	0.00322
28.28	84.85	0.00358	21.21	77.78	0.00400
14.14	70.71	0.00450	7.07	63.64	0.00510
0.00	56.57	0.00580	-7.07	49.50	0.00660
-10.61	45.96	0.00704	-14.14	42.43	0.00745

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 131
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00764	-17.68	38.89	0.00774
-19.09	37.48	0.00780	-20.51	36.06	0.00789
-21.92	34.65	0.00790	-34.65	21.92	0.00629
-36.06	20.51	0.00623	-37.48	19.09	0.00619
-38.89	17.68	0.00617	-40.31	16.26	0.00615
-42.43	14.14	0.00613	-45.96	10.61	0.00607
-49.50	7.07	0.00597	-56.57	0.00	0.00568
-63.64	-7.07	0.00531	-70.71	-14.14	0.00490
-77.78	-21.21	0.00451	-84.85	-28.28	0.00414
-91.92	-35.36	0.00380	-98.99	-42.43	0.00350
49.50	91.92	0.00291	42.43	84.85	0.00321
35.36	77.78	0.00357	28.28	70.71	0.00399
21.21	63.64	0.00449	14.14	56.57	0.00509
7.07	49.50	0.00580	0.00	42.43	0.00660
-3.54	38.89	0.00703	-7.07	35.36	0.00745
-9.19	33.23	0.00765	-10.61	31.82	0.00775
-12.02	30.41	0.00780	-13.44	28.99	0.00786
-14.85	27.58	0.00788	-27.58	14.85	0.00628
-28.99	13.44	0.00623	-30.41	12.02	0.00619
-31.82	10.61	0.00617	-33.23	9.19	0.00616
-35.36	7.07	0.00613	-38.89	3.54	0.00607
-42.43	0.00	0.00598	-49.50	-7.07	0.00569
-56.57	-14.14	0.00532	-63.64	-21.21	0.00491
-70.71	-28.28	0.00452	-77.78	-35.36	0.00415
-84.85	-42.43	0.00381	-91.92	-49.50	0.00351
56.57	84.85	0.00289	49.50	77.78	0.00320
42.43	70.71	0.00356	35.36	63.64	0.00398
28.28	56.57	0.00449	21.21	49.50	0.00508

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

14.14	42.43	0.00579	7.07	35.36	0.00661
3.54	31.82	0.00703	0.00	28.28	0.00744
-2.12	26.16	0.00765	-3.54	24.75	0.00775
-4.95	23.33	0.00781	-6.36	21.92	0.00783
-7.78	20.51	0.00787	-20.51	7.78	0.00629
-21.92	6.36	0.00623	-23.33	4.95	0.00619
-24.75	3.54	0.00617	-26.16	2.12	0.00616
-28.28	0.00	0.00613	-31.82	-3.54	0.00607
-35.36	-7.07	0.00598	-42.43	-14.14	0.00570
-49.50	-21.21	0.00532	-56.57	-28.28	0.00492
-63.64	-35.36	0.00452	-70.71	-42.43	0.00416
-77.78	-49.50	0.00382	-84.85	-56.57	0.00352

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00288	56.57	70.71	0.00319
49.50	63.64	0.00355	42.43	56.57	0.00397
35.36	49.50	0.00448	28.28	42.43	0.00508
21.21	35.36	0.00578	14.14	28.28	0.00660
10.61	24.75	0.00703	7.07	21.21	0.00743
4.95	19.09	0.00764	3.54	17.68	0.00774
2.12	16.26	0.00781	0.71	14.85	0.00783
-0.71	13.44	0.00785	-13.44	0.71	0.00629
-14.85	-0.71	0.00623	-16.26	-2.12	0.00619
-17.68	-3.54	0.00617	-19.09	-4.95	0.00616
-21.21	-7.07	0.00613	-24.75	-10.61	0.00608
-28.28	-14.14	0.00598	-35.36	-21.21	0.00570
-42.43	-28.28	0.00533	-49.50	-35.36	0.00492
-56.57	-42.43	0.00453	-63.64	-49.50	0.00416
-70.71	-56.57	0.00383	-77.78	-63.64	0.00353
70.71	70.71	0.00286	63.64	63.64	0.00317
56.57	56.57	0.00353	49.50	49.50	0.00396
42.43	42.43	0.00446	35.36	35.36	0.00506
28.28	28.28	0.00578	21.21	21.21	0.00659
17.68	17.68	0.00702	14.14	14.14	0.00743
12.02	12.02	0.00762	10.61	10.61	0.00773
9.19	9.19	0.00780	7.78	7.78	0.00783

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

6.36	6.36	0.00783	-6.36	-6.36	0.00629
-7.78	-7.78	0.00623	-9.19	-9.19	0.00619
-10.61	-10.61	0.00617	-12.02	-12.02	0.00615
-14.14	-14.14	0.00613	-17.68	-17.68	0.00607
-21.21	-21.21	0.00598	-28.28	-28.28	0.00570
-35.36	-35.36	0.00533	-42.43	-42.43	0.00493
-49.50	-49.50	0.00453	-56.57	-56.57	0.00417
-63.64	-63.64	0.00383	-70.71	-70.71	0.00353
77.78	63.64	0.00284	70.71	56.57	0.00315
63.64	49.50	0.00351	56.57	42.43	0.00394
49.50	35.36	0.00445	42.43	28.28	0.00505
35.36	21.21	0.00576	28.28	14.14	0.00658
24.75	10.61	0.00702	21.21	7.07	0.00742
19.09	4.95	0.00762	17.68	3.54	0.00772
16.26	2.12	0.00779	14.85	0.71	0.00782
13.44	-0.71	0.00780	0.71	-13.44	0.00629
-0.71	-14.85	0.00622	-2.12	-16.26	0.00619
-3.54	-17.68	0.00617	-4.95	-19.09	0.00615

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 133
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00613	-10.61	-24.75	0.00607
-14.14	-28.28	0.00598	-21.21	-35.36	0.00570
-28.28	-42.43	0.00533	-35.36	-49.50	0.00492
-42.43	-56.57	0.00453	-49.50	-63.64	0.00417
-56.57	-70.71	0.00384	-63.64	-77.78	0.00354
84.85	56.57	0.00281	77.78	49.50	0.00313
70.71	42.43	0.00349	63.64	35.36	0.00392
56.57	28.28	0.00443	49.50	21.21	0.00503
42.43	14.14	0.00575	35.36	7.07	0.00657
31.82	3.54	0.00701	28.28	0.00	0.00741
26.16	-2.12	0.00761	24.75	-3.54	0.00772
23.33	-4.95	0.00778	21.92	-6.36	0.00780
20.51	-7.78	0.00779	7.78	-20.51	0.00628
6.36	-21.92	0.00621	4.95	-23.33	0.00618
3.54	-24.75	0.00616	2.12	-26.16	0.00615
0.00	-28.28	0.00612	-3.54	-31.82	0.00606

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-35.36	0.00597	-14.14	-42.43	0.00569
-21.21	-49.50	0.00532	-28.28	-56.57	0.00492
-35.36	-63.64	0.00453	-42.43	-70.71	0.00417
-49.50	-77.78	0.00384	-56.57	-84.85	0.00354
91.92	49.50	0.00278	84.85	42.43	0.00310
77.78	35.36	0.00347	70.71	28.28	0.00390
63.64	21.21	0.00441	56.57	14.14	0.00501
49.50	7.07	0.00573	42.43	0.00	0.00655
38.89	-3.54	0.00700	35.36	-7.07	0.00741
33.23	-9.19	0.00761	31.82	-10.61	0.00770
30.41	-12.02	0.00776	28.99	-13.44	0.00779
27.58	-14.85	0.00777	14.85	-27.58	0.00628
13.44	-28.99	0.00621	12.02	-30.41	0.00617
10.61	-31.82	0.00615	9.19	-33.23	0.00614
7.07	-35.36	0.00611	3.54	-38.89	0.00606
0.00	-42.43	0.00597	-7.07	-49.50	0.00568
-14.14	-56.57	0.00532	-21.21	-63.64	0.00492
-28.28	-70.71	0.00453	-35.36	-77.78	0.00417
-42.43	-84.85	0.00383	-49.50	-91.92	0.00354
98.99	42.43	0.00275	91.92	35.36	0.00307
84.85	28.28	0.00344	77.78	21.21	0.00387
70.71	14.14	0.00438	63.64	7.07	0.00499
56.57	0.00	0.00571	49.50	-7.07	0.00653
45.96	-10.61	0.00698	42.43	-14.14	0.00739

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 134
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00760	38.89	-17.68	0.00770
37.48	-19.09	0.00778	36.06	-20.51	0.00781
34.65	-21.92	0.00777	21.92	-34.65	0.00627
20.51	-36.06	0.00620	19.09	-37.48	0.00616
17.68	-38.89	0.00614	16.26	-40.31	0.00613
14.14	-42.43	0.00610	10.61	-45.96	0.00605
7.07	-49.50	0.00595	0.00	-56.57	0.00568
-7.07	-63.64	0.00531	-14.14	-70.71	0.00491
-21.21	-77.78	0.00452	-28.28	-84.85	0.00416
-35.36	-91.92	0.00383	-42.43	-98.99	0.00353

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

106.07	35.36	0.00271	98.99	28.28	0.00303
91.92	21.21	0.00341	84.85	14.14	0.00384
77.78	7.07	0.00436	70.71	0.00	0.00496
63.64	-7.07	0.00568	56.57	-14.14	0.00651
53.03	-17.68	0.00695	49.50	-21.21	0.00737
47.38	-23.33	0.00757	45.96	-24.75	0.00766
44.55	-26.16	0.00773	43.13	-27.58	0.00782
41.72	-28.99	0.00783	28.99	-41.72	0.00625
27.58	-43.13	0.00619	26.16	-44.55	0.00615
24.75	-45.96	0.00613	23.33	-47.38	0.00611
21.21	-49.50	0.00609	17.68	-53.03	0.00603
14.14	-56.57	0.00594	7.07	-63.64	0.00566
0.00	-70.71	0.00530	-7.07	-77.78	0.00490
-14.14	-84.85	0.00452	-21.21	-91.92	0.00415
-28.28	-98.99	0.00383	-35.36	-106.07	0.00353
113.14	28.28	0.00266	106.07	21.21	0.00299
98.99	14.14	0.00337	91.92	7.07	0.00381
84.85	0.00	0.00432	77.78	-7.07	0.00493
70.71	-14.14	0.00566	63.64	-21.21	0.00648
60.10	-24.75	0.00692	56.57	-28.28	0.00735
54.45	-30.41	0.00755	53.03	-31.82	0.00765
51.62	-33.23	0.00771	50.20	-34.65	0.00777
48.79	-36.06	0.00779	36.06	-48.79	0.00622
34.65	-50.20	0.00616	33.23	-51.62	0.00613
31.82	-53.03	0.00611	30.41	-54.45	0.00610
28.28	-56.57	0.00607	24.75	-60.10	0.00602
21.21	-63.64	0.00593	14.14	-70.71	0.00565
7.07	-77.78	0.00529	0.00	-84.85	0.00489
-7.07	-91.92	0.00451	-14.14	-98.99	0.00415
-21.21	-106.07	0.00382	-28.28	-113.14	0.00352

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 135
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00260	113.14	14.14	0.00293
106.07	7.07	0.00332	98.99	0.00	0.00376
91.92	-7.07	0.00428	84.85	-14.14	0.00490
77.78	-21.21	0.00562	70.71	-28.28	0.00646

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

67.18	-31.82	0.00689	63.64	-35.36	0.00731
61.52	-37.48	0.00753	60.10	-38.89	0.00763
58.69	-40.31	0.00769	57.28	-41.72	0.00772
55.86	-43.13	0.00776	43.13	-55.86	0.00620
41.72	-57.28	0.00614	40.31	-58.69	0.00611
38.89	-60.10	0.00609	37.48	-61.52	0.00607
35.36	-63.64	0.00605	31.82	-67.18	0.00600
28.28	-70.71	0.00591	21.21	-77.78	0.00564
14.14	-84.85	0.00527	7.07	-91.92	0.00488
0.00	-98.99	0.00449	-7.07	-106.07	0.00413
-14.14	-113.14	0.00381	-21.21	-120.21	0.00351
127.28	14.14	0.00254	120.21	7.07	0.00287
113.14	0.00	0.00326	106.07	-7.07	0.00371
98.99	-14.14	0.00424	91.92	-21.21	0.00486
84.85	-28.28	0.00558	77.78	-35.36	0.00642
74.25	-38.89	0.00686	70.71	-42.43	0.00727
68.59	-44.55	0.00748	67.18	-45.96	0.00759
65.76	-47.38	0.00767	64.35	-48.79	0.00769
62.93	-50.20	0.00772	50.20	-62.93	0.00617
48.79	-64.35	0.00611	47.38	-65.76	0.00608
45.96	-67.18	0.00606	44.55	-68.59	0.00605
42.43	-70.71	0.00603	38.89	-74.25	0.00598
35.36	-77.78	0.00589	28.28	-84.85	0.00562
21.21	-91.92	0.00526	14.14	-98.99	0.00486
7.07	-106.07	0.00448	0.00	-113.14	0.00412
-7.07	-120.21	0.00379	-14.14	-127.28	0.00349
134.35	7.07	0.00246	127.28	0.00	0.00280
120.21	-7.07	0.00319	113.14	-14.14	0.00365
106.07	-21.21	0.00418	98.99	-28.28	0.00480
91.92	-35.36	0.00554	84.85	-42.43	0.00638
81.32	-45.96	0.00682	77.78	-49.50	0.00724
75.66	-51.62	0.00744	74.25	-53.03	0.00755
72.83	-54.45	0.00763	71.42	-55.86	0.00766
70.00	-57.28	0.00766	57.28	-70.00	0.00615
55.86	-71.42	0.00609	54.45	-72.83	0.00605
53.03	-74.25	0.00603	51.62	-75.66	0.00602

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
 PAGE 136
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00600	45.96	-81.32	0.00595
42.43	-84.85	0.00587	35.36	-91.92	0.00560
28.28	-98.99	0.00524	21.21	-106.07	0.00485
14.14	-113.14	0.00446	7.07	-120.21	0.00410
0.00	-127.28	0.00377	-7.07	-134.35	0.00347
141.42	0.00	0.00237	134.35	-7.07	0.00271
127.28	-14.14	0.00311	120.21	-21.21	0.00357
113.14	-28.28	0.00411	106.07	-35.36	0.00474
98.99	-42.43	0.00548	91.92	-49.50	0.00633
88.39	-53.03	0.00678	84.85	-56.57	0.00720
82.73	-58.69	0.00741	81.32	-60.10	0.00751
79.90	-61.52	0.00758	78.49	-62.93	0.00761
77.07	-64.35	0.00760	64.35	-77.07	0.00611
62.93	-78.49	0.00605	61.52	-79.90	0.00602
60.10	-81.32	0.00600	58.69	-82.73	0.00599
56.57	-84.85	0.00597	53.03	-88.39	0.00592
49.50	-91.92	0.00584	42.43	-98.99	0.00557
35.36	-106.07	0.00521	28.28	-113.14	0.00482
21.21	-120.21	0.00444	14.14	-127.28	0.00408
7.07	-134.35	0.00375	0.00	-141.42	0.00345
148.49	-7.07	0.00227	141.42	-14.14	0.00261
134.35	-21.21	0.00301	127.28	-28.28	0.00348
120.21	-35.36	0.00403	113.14	-42.43	0.00467
106.07	-49.50	0.00542	98.99	-56.57	0.00627
95.46	-60.10	0.00672	91.92	-63.64	0.00714
89.80	-65.76	0.00736	88.39	-67.18	0.00746
86.97	-68.59	0.00753	85.56	-70.00	0.00756
84.15	-71.42	0.00756	71.42	-84.15	0.00608
70.00	-85.56	0.00601	68.59	-86.97	0.00598
67.18	-88.39	0.00596	65.76	-89.80	0.00595
63.64	-91.92	0.00593	60.10	-95.46	0.00588
56.57	-98.99	0.00580	49.50	-106.07	0.00554
42.43	-113.14	0.00519	35.36	-120.21	0.00480
28.28	-127.28	0.00441	21.21	-134.35	0.00405
14.14	-141.42	0.00372	7.07	-148.49	0.00342
155.56	-14.14	0.00216	148.49	-21.21	0.00249
141.42	-28.28	0.00289	134.35	-35.36	0.00336
127.28	-42.43	0.00392	120.21	-49.50	0.00457
113.14	-56.57	0.00533	106.07	-63.64	0.00620
102.53	-67.18	0.00666	98.99	-70.71	0.00709

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:33:00
 **MODELOPTS:
 PAGE 137
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
96.87	-72.83	0.00730	95.46	-74.25	0.00740	
94.05	-75.66	0.00747	92.63	-77.07	0.00750	
91.22	-78.49	0.00749	78.49	-91.22	0.00604	
77.07	-92.63	0.00597	75.66	-94.05	0.00593	
74.25	-95.46	0.00592	72.83	-96.87	0.00591	
70.71	-98.99	0.00589	67.18	-102.53	0.00584	
63.64	-106.07	0.00576	56.57	-113.14	0.00550	
49.50	-120.21	0.00515	42.43	-127.28	0.00477	
35.36	-134.35	0.00438	28.28	-141.42	0.00401	
21.21	-148.49	0.00368	14.14	-155.56	0.00338	
162.63	-21.21	0.00203	155.56	-28.28	0.00235	
148.49	-35.36	0.00274	141.42	-42.43	0.00322	
134.35	-49.50	0.00379	127.28	-56.57	0.00446	
120.21	-63.64	0.00523	113.14	-70.71	0.00611	
109.60	-74.25	0.00658	106.07	-77.78	0.00701	
103.94	-79.90	0.00723	102.53	-81.32	0.00735	
101.12	-82.73	0.00744	99.70	-84.15	0.00747	
98.29	-85.56	0.00744	85.56	-98.29	0.00598	
84.15	-99.70	0.00592	82.73	-101.12	0.00588	
81.32	-102.53	0.00586	79.90	-103.94	0.00585	
77.78	-106.07	0.00584	74.25	-109.60	0.00579	
70.71	-113.14	0.00572	63.64	-120.21	0.00546	
56.57	-127.28	0.00511	49.50	-134.35	0.00473	
42.43	-141.42	0.00434	35.36	-148.49	0.00397	
28.28	-155.56	0.00363	21.21	-162.63	0.00334	
169.71	-28.28	0.00189	162.63	-35.36	0.00220	
155.56	-42.43	0.00258	148.49	-49.50	0.00304	
141.42	-56.57	0.00362	134.35	-63.64	0.00430	
127.28	-70.71	0.00510	120.21	-77.78	0.00599	
116.67	-81.32	0.00647	113.14	-84.85	0.00691	
111.02	-86.97	0.00713	109.60	-88.39	0.00724	
108.19	-89.80	0.00732	106.77	-91.22	0.00742	
105.36	-92.63	0.00744	92.63	-105.36	0.00591	
91.22	-106.77	0.00585	89.80	-108.19	0.00582	
88.39	-109.60	0.00580	86.97	-111.02	0.00579	
84.85	-113.14	0.00578	81.32	-116.67	0.00574	

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-120.21	0.00566	70.71	-127.28	0.00541
63.64	-134.35	0.00507	56.57	-141.42	0.00467
49.50	-148.49	0.00428	42.43	-155.56	0.00391
35.36	-162.63	0.00358	28.28	-169.71	0.00328

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:33:00
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00175	169.71	-42.43	0.00203
162.63	-49.50	0.00239	155.56	-56.57	0.00284
148.49	-63.64	0.00340	141.42	-70.71	0.00410
134.35	-77.78	0.00493	127.28	-84.85	0.00585
123.74	-88.39	0.00633	120.21	-91.92	0.00679
118.09	-94.05	0.00702	116.67	-95.46	0.00713
115.26	-96.87	0.00721	113.84	-98.29	0.00728
112.43	-99.70	0.00732	99.70	-112.43	0.00581
98.29	-113.84	0.00576	96.87	-115.26	0.00574
95.46	-116.67	0.00573	94.05	-118.09	0.00572
91.92	-120.21	0.00571	88.39	-123.74	0.00568
84.85	-127.28	0.00560	77.78	-134.35	0.00536
70.71	-141.42	0.00500	63.64	-148.49	0.00461
56.57	-155.56	0.00421	49.50	-162.63	0.00385
42.43	-169.71	0.00351	35.36	-176.78	0.00322
183.85	-42.43	0.00160	176.78	-49.50	0.00185
169.71	-56.57	0.00218	162.63	-63.64	0.00260
155.56	-70.71	0.00314	148.49	-77.78	0.00383
141.42	-84.85	0.00468	134.35	-91.92	0.00566
130.81	-95.46	0.00615	127.28	-98.99	0.00663
125.16	-101.12	0.00687	123.74	-102.53	0.00700
122.33	-103.94	0.00708	120.92	-105.36	0.00713
119.50	-106.77	0.00718	106.77	-119.50	0.00572
105.36	-120.92	0.00567	103.94	-122.33	0.00564
102.53	-123.74	0.00564	101.12	-125.16	0.00563
98.99	-127.28	0.00563	95.46	-130.81	0.00560
91.92	-134.35	0.00553	84.85	-141.42	0.00528
77.78	-148.49	0.00492	70.71	-155.56	0.00452
63.64	-162.63	0.00413	56.57	-169.71	0.00376
49.50	-176.78	0.00343	42.43	-183.85	0.00314

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-49.50	0.00145	183.85	-56.57	0.00168
176.78	-63.64	0.00196	169.71	-70.71	0.00233
162.63	-77.78	0.00283	155.56	-84.85	0.00349
148.49	-91.92	0.00435	141.42	-98.99	0.00538
137.89	-102.53	0.00592	134.35	-106.07	0.00641
132.23	-108.19	0.00667	130.81	-109.60	0.00681
129.40	-111.02	0.00691	127.99	-112.43	0.00697
126.57	-113.84	0.00702	113.84	-126.57	0.00560
112.43	-127.99	0.00556	111.02	-129.40	0.00554
109.60	-130.81	0.00553	108.19	-132.23	0.00553

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00553	102.53	-137.89	0.00551
98.99	-141.42	0.00544	91.92	-148.49	0.00518
84.85	-155.56	0.00481	77.78	-162.63	0.00441
70.71	-169.71	0.00402	63.64	-176.78	0.00366
56.57	-183.85	0.00334	49.50	-190.92	0.00305
197.99	-56.57	0.00130	190.92	-63.64	0.00150
183.85	-70.71	0.00174	176.78	-77.78	0.00206
169.71	-84.85	0.00249	162.63	-91.92	0.00308
155.56	-98.99	0.00389	148.49	-106.07	0.00496
144.96	-109.60	0.00555	141.42	-113.14	0.00611
139.30	-115.26	0.00639	137.89	-116.67	0.00655
136.47	-118.09	0.00667	135.06	-119.50	0.00674
133.64	-120.92	0.00679	120.92	-133.64	0.00547
119.50	-135.06	0.00542	118.09	-136.47	0.00541
116.67	-137.89	0.00540	115.26	-139.30	0.00541
113.14	-141.42	0.00541	109.60	-144.96	0.00539
106.07	-148.49	0.00532	98.99	-155.56	0.00505
91.92	-162.63	0.00467	84.85	-169.71	0.00427
77.78	-176.78	0.00389	70.71	-183.85	0.00354
63.64	-190.92	0.00322	56.57	-197.99	0.00295
205.06	-63.64	0.00116	197.99	-70.71	0.00132
190.92	-77.78	0.00153	183.85	-84.85	0.00179
176.78	-91.92	0.00214	169.71	-98.99	0.00262
162.63	-106.07	0.00332	155.56	-113.14	0.00434

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

152.03	-116.67	0.00497	148.49	-120.21	0.00562
146.37	-122.33	0.00597	144.96	-123.74	0.00616
143.54	-125.16	0.00631	142.13	-126.57	0.00642
140.71	-127.99	0.00648	127.99	-140.71	0.00530
126.57	-142.13	0.00526	125.16	-143.54	0.00525
123.74	-144.96	0.00526	122.33	-146.37	0.00526
120.21	-148.49	0.00526	116.67	-152.03	0.00523
113.14	-155.56	0.00514	106.07	-162.63	0.00486
98.99	-169.71	0.00448	91.92	-176.78	0.00409
84.85	-183.85	0.00372	77.78	-190.92	0.00338
70.71	-197.99	0.00308	63.64	-205.06	0.00282
212.13	-70.71	0.00102	205.06	-77.78	0.00115
197.99	-84.85	0.00132	190.92	-91.92	0.00153
183.85	-98.99	0.00180	176.78	-106.07	0.00217
169.71	-113.14	0.00270	162.63	-120.21	0.00351
159.10	-123.74	0.00408	155.56	-127.28	0.00478

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00521	152.03	-130.81	0.00548
150.61	-132.23	0.00571	149.20	-133.64	0.00589
147.79	-135.06	0.00602	135.06	-147.79	0.00511
133.64	-149.20	0.00507	132.23	-150.61	0.00506
130.81	-152.03	0.00506	129.40	-153.44	0.00506
127.28	-155.56	0.00505	123.74	-159.10	0.00499
120.21	-162.63	0.00489	113.14	-169.71	0.00460
106.07	-176.78	0.00424	98.99	-183.85	0.00387
91.92	-190.92	0.00351	84.85	-197.99	0.00320
77.78	-205.06	0.00292	70.71	-212.13	0.00267
219.20	-77.78	0.00089	212.13	-84.85	0.00099
205.06	-91.92	0.00112	197.99	-98.99	0.00128
190.92	-106.07	0.00148	183.85	-113.14	0.00175
176.78	-120.21	0.00211	169.71	-127.28	0.00263
166.17	-130.81	0.00300	162.63	-134.35	0.00350
160.51	-136.47	0.00389	159.10	-137.89	0.00418
157.68	-139.30	0.00449	156.27	-140.71	0.00481
154.86	-142.13	0.00510	142.13	-154.86	0.00485

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

140.71	-156.27	0.00480	139.30	-157.68	0.00477
137.89	-159.10	0.00475	136.47	-160.51	0.00473
134.35	-162.63	0.00470	130.81	-166.17	0.00462
127.28	-169.71	0.00452	120.21	-176.78	0.00424
113.14	-183.85	0.00391	106.07	-190.92	0.00357
98.99	-197.99	0.00326	91.92	-205.06	0.00298
84.85	-212.13	0.00273	77.78	-219.20	0.00251
226.27	-84.85	0.00077	219.20	-91.92	0.00085
212.13	-98.99	0.00095	205.06	-106.07	0.00106
197.99	-113.14	0.00120	190.92	-120.21	0.00137
183.85	-127.28	0.00159	176.78	-134.35	0.00188
173.24	-137.89	0.00205	169.71	-141.42	0.00226
167.58	-143.54	0.00241	166.17	-144.96	0.00252
164.76	-146.37	0.00266	163.34	-147.79	0.00283
161.93	-149.20	0.00307	149.20	-161.93	0.00430
147.79	-163.34	0.00423	146.37	-164.76	0.00418
144.96	-166.17	0.00415	143.54	-167.58	0.00413
141.42	-169.71	0.00410	137.89	-173.24	0.00405
134.35	-176.78	0.00397	127.28	-183.85	0.00376
120.21	-190.92	0.00350	113.14	-197.99	0.00323
106.07	-205.06	0.00297	98.99	-212.13	0.00273
91.92	-219.20	0.00252	84.85	-226.27	0.00233

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

18:33:00

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00067	226.27	-98.99	0.00073
219.20	-106.07	0.00080	212.13	-113.14	0.00088
205.06	-120.21	0.00097	197.99	-127.28	0.00108
190.92	-134.35	0.00120	183.85	-141.42	0.00133
180.31	-144.96	0.00140	176.78	-148.49	0.00147
174.66	-150.61	0.00150	173.24	-152.03	0.00152
171.83	-153.44	0.00154	170.41	-154.86	0.00156
169.00	-156.27	0.00159	156.27	-169.00	0.00273
154.86	-170.41	0.00285	153.44	-171.83	0.00296
152.03	-173.24	0.00304	150.61	-174.66	0.00310
148.49	-176.78	0.00317	144.96	-180.31	0.00323
141.42	-183.85	0.00325	134.35	-190.92	0.00317

16NCRA_NAPA94-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-197.99	0.00302	120.21	-205.06	0.00284
113.14	-212.13	0.00264	106.07	-219.20	0.00246
98.99	-226.27	0.00229	91.92	-233.35	0.00213
240.42	-98.99	0.00058	233.35	-106.07	0.00063
226.27	-113.14	0.00068	219.20	-120.21	0.00073
212.13	-127.28	0.00080	205.06	-134.35	0.00087
197.99	-141.42	0.00094	190.92	-148.49	0.00101
187.38	-152.03	0.00105	183.85	-155.56	0.00108
181.73	-157.68	0.00111	180.31	-159.10	0.00114
178.90	-160.51	0.00116	177.48	-161.93	0.00119
176.07	-163.34	0.00123	163.34	-176.07	0.00180
161.93	-177.48	0.00188	160.51	-178.90	0.00196
159.10	-180.31	0.00204	157.68	-181.73	0.00212
155.56	-183.85	0.00222	152.03	-187.38	0.00237
148.49	-190.92	0.00246	141.42	-197.99	0.00254
134.35	-205.06	0.00251	127.28	-212.13	0.00242
120.21	-219.20	0.00230	113.14	-226.27	0.00218
106.07	-233.35	0.00205	98.99	-240.42	0.00193
247.49	-106.07	0.00051	240.42	-113.14	0.00054
233.35	-120.21	0.00058	226.27	-127.28	0.00062
219.20	-134.35	0.00067	212.13	-141.42	0.00071
205.06	-148.49	0.00076	197.99	-155.56	0.00081
194.45	-159.10	0.00085	190.92	-162.63	0.00089
188.80	-164.76	0.00092	187.38	-166.17	0.00094
185.97	-167.58	0.00097	184.55	-169.00	0.00100
183.14	-170.41	0.00104	170.41	-183.14	0.00140
169.00	-184.55	0.00144	167.58	-185.97	0.00148
166.17	-187.38	0.00152	164.76	-188.80	0.00157

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 18:33:00
 **MODELOPTs:
 PAGE 142
 CONC URBAN FLAT FLGPOL DFAULT
 *** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00164	159.10	-194.45	0.00175
155.56	-197.99	0.00184	148.49	-205.06	0.00197
141.42	-212.13	0.00202	134.35	-219.20	0.00201
127.28	-226.27	0.00196	120.21	-233.35	0.00189
113.14	-240.42	0.00181	106.07	-247.49	0.00173

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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04/20/08

*** Maximum train overlap at SE/NW Bound Direction

18:33:00

**MODELOPTs:
PAGE 143

CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS 0.00618 AT (	119.50, -106.77, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00616 AT (	120.92, -105.36, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00615 AT (	126.57, -113.84, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00614 AT (	122.33, -103.94, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00613 AT (	127.99, -112.43, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00613 AT (	112.43, -99.70, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00612 AT (	113.84, -98.29, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00610 AT (	129.40, -111.02, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00609 AT (	123.74, -102.53, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00608 AT (	115.26, -96.87, 0.00,	1.20) DC	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00618 AT (	55.86, -43.13, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00616 AT (	57.28, -41.72, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00615 AT (	62.93, -50.20, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00614 AT (	58.69, -40.31, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00613 AT (	64.35, -48.79, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00613 AT (	48.79, -36.06, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00612 AT (	50.20, -34.65, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00610 AT (	65.76, -47.38, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00609 AT (	60.10, -38.89, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00608 AT (	51.62, -33.23, 0.00,	1.20) DC	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00618 AT (	-7.78, 20.51, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00616 AT (	-6.36, 21.92, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00615 AT (	-0.71, 13.44, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00614 AT (	-4.95, 23.33, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00613 AT (	0.71, 14.85, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00613 AT (	-14.85, 27.58, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00612 AT (	-13.44, 28.99, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00610 AT (	2.12, 16.26, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00609 AT (	-3.54, 24.75, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00608 AT (	-12.02, 30.41, 0.00,	1.20) DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at SE/NW Bound Direction

18:33:00

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00618 AT (	-71.42, 84.15, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00616 AT (	-70.00, 85.56, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00615 AT (	-64.35, 77.07, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00614 AT (	-68.59, 86.97, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00613 AT (	-62.93, 78.49, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00613 AT (	-78.49, 91.22, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00612 AT (	-77.07, 92.63, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00610 AT (	-61.52, 79.90, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00609 AT (	-67.18, 88.39, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00608 AT (	-75.66, 94.05, 0.00,	1.20) DC	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00618 AT (	-135.06, 147.79, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00616 AT (	-133.64, 149.20, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00615 AT (	-127.99, 140.71, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00614 AT (	-132.23, 150.61, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00613 AT (	-126.57, 142.13, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00613 AT (	-142.13, 154.86, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00612 AT (	-140.71, 156.27, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00610 AT (	-125.16, 143.54, 0.00,	1.20) DC	NA

		16NCRA NAPA94-300_DPM_TRAV_ANN_SE-NW Bound								
	9TH HIGHEST VALUE IS	0.00609	AT (	-130.81,	152.03,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00608	AT (	-139.30,	157.68,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00790	AT (	-21.92,	34.65,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00789	AT (	-20.51,	36.06,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00788	AT (	-14.85,	27.58,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00787	AT (	-7.78,	20.51,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00786	AT (	-13.44,	28.99,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00785	AT (	-0.71,	13.44,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00785	AT (	-27.58,	43.13,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00783	AT (	-6.36,	21.92,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00783	AT (	0.71,	14.85,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00783	AT (	-26.16,	44.55,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:33:00

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 162 Informational Message(s)
 A Total of 162 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 18:40:15

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at SE/NW Bound Direction
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTS FLAT
CO FLAGPOLE 1.2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA 98.64 -92.28 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA 35.0 -28.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -28.64 35.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -92.28 98.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -155.92 162.28 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 135 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

RE DISCCART	-106.07	247.49	1.2
RE DISCCART	-113.14	240.42	1.2
RE DISCCART	-120.21	233.35	1.2
RE DISCCART	-127.28	226.27	1.2
RE DISCCART	-134.35	219.2	1.2
RE DISCCART	-141.42	212.13	1.2
RE DISCCART	-148.49	205.06	1.2
RE DISCCART	-155.56	197.99	1.2
RE DISCCART	-159.1	194.45	1.2
RE DISCCART	-162.63	190.92	1.2
RE DISCCART	-164.76	188.8	1.2
RE DISCCART	-166.17	187.38	1.2
RE DISCCART	-167.58	185.97	1.2
RE DISCCART	-169.0	184.55	1.2
RE DISCCART	-170.41	183.14	1.2
RE DISCCART	-183.14	170.41	1.2
RE DISCCART	-184.55	169.0	1.2
RE DISCCART	-185.97	167.58	1.2
RE DISCCART	-187.38	166.17	1.2
RE DISCCART	-188.8	164.76	1.2
RE DISCCART	-190.92	162.63	1.2
RE DISCCART	-194.45	159.1	1.2
RE DISCCART	-197.99	155.56	1.2
RE DISCCART	-205.06	148.49	1.2
RE DISCCART	-212.13	141.42	1.2
RE DISCCART	-219.2	134.35	1.2
RE DISCCART	-226.27	127.28	1.2
RE DISCCART	-233.35	120.21	1.2
RE DISCCART	-240.42	113.14	1.2
RE DISCCART	-247.49	106.07	1.2
RE DISCCART	-98.99	240.42	1.2
RE DISCCART	-106.07	233.35	1.2
RE DISCCART	-113.14	226.27	1.2
RE DISCCART	-120.21	219.2	1.2
RE DISCCART	-127.28	212.13	1.2
RE DISCCART	-134.35	205.06	1.2
RE DISCCART	-141.42	197.99	1.2
RE DISCCART	-148.49	190.92	1.2
RE DISCCART	-152.03	187.38	1.2
RE DISCCART	-155.56	183.85	1.2
RE DISCCART	-157.68	181.73	1.2
RE DISCCART	-159.1	180.31	1.2
RE DISCCART	-160.51	178.9	1.2

RE DISCCART	-161.93	177.48	1.2
RE DISCCART	-163.34	176.07	1.2
RE DISCCART	-176.07	163.34	1.2
RE DISCCART	-177.48	161.93	1.2
RE DISCCART	-178.9	160.51	1.2
RE DISCCART	-180.31	159.1	1.2
RE DISCCART	-181.73	157.68	1.2
RE DISCCART	-183.85	155.56	1.2
RE DISCCART	-187.38	152.03	1.2
RE DISCCART	-190.92	148.49	1.2
RE DISCCART	-197.99	141.42	1.2
RE DISCCART	-205.06	134.35	1.2
RE DISCCART	-212.13	127.28	1.2
RE DISCCART	-219.2	120.21	1.2
RE DISCCART	-226.27	113.14	1.2
RE DISCCART	-233.35	106.07	1.2
RE DISCCART	-240.42	98.99	1.2
RE DISCCART	-91.92	233.35	1.2
RE DISCCART	-99.0	226.27	1.2
RE DISCCART	-106.07	219.2	1.2
RE DISCCART	-113.14	212.13	1.2
RE DISCCART	-120.21	205.06	1.2
RE DISCCART	-127.28	197.99	1.2
RE DISCCART	-134.35	190.92	1.2
RE DISCCART	-141.42	183.85	1.2
RE DISCCART	-144.96	180.31	1.2
RE DISCCART	-148.49	176.78	1.2
RE DISCCART	-150.61	174.66	1.2
RE DISCCART	-152.03	173.24	1.2
RE DISCCART	-153.44	171.83	1.2
RE DISCCART	-154.86	170.41	1.2
RE DISCCART	-156.27	169.0	1.2
RE DISCCART	-169.0	156.27	1.2
RE DISCCART	-170.41	154.86	1.2
RE DISCCART	-171.83	153.44	1.2
RE DISCCART	-173.24	152.03	1.2
RE DISCCART	-174.66	150.61	1.2
RE DISCCART	-176.78	148.49	1.2
RE DISCCART	-180.31	144.96	1.2
RE DISCCART	-183.85	141.42	1.2
RE DISCCART	-190.92	134.35	1.2
RE DISCCART	-197.99	127.28	1.2
RE DISCCART	-205.06	120.21	1.2
RE DISCCART	-212.13	113.14	1.2

RE DISCCART	-219.2	106.07	1.2
RE DISCCART	-226.27	98.99	1.2
RE DISCCART	-233.35	91.92	1.2
RE DISCCART	-84.85	226.27	1.2
RE DISCCART	-91.92	219.2	1.2
RE DISCCART	-99.0	212.13	1.2
RE DISCCART	-106.07	205.06	1.2
RE DISCCART	-113.14	197.99	1.2
RE DISCCART	-120.21	190.92	1.2
RE DISCCART	-127.28	183.85	1.2
RE DISCCART	-134.35	176.78	1.2
RE DISCCART	-137.89	173.24	1.2
RE DISCCART	-141.42	169.71	1.2
RE DISCCART	-143.54	167.58	1.2
RE DISCCART	-144.96	166.17	1.2
RE DISCCART	-146.37	164.76	1.2
RE DISCCART	-147.79	163.34	1.2
RE DISCCART	-149.2	161.93	1.2
RE DISCCART	-161.93	149.2	1.2
RE DISCCART	-163.34	147.79	1.2
RE DISCCART	-164.76	146.37	1.2
RE DISCCART	-166.17	144.96	1.2
RE DISCCART	-167.58	143.54	1.2
RE DISCCART	-169.71	141.42	1.2
RE DISCCART	-173.24	137.89	1.2
RE DISCCART	-176.78	134.35	1.2
RE DISCCART	-183.85	127.28	1.2
RE DISCCART	-190.92	120.21	1.2
RE DISCCART	-197.99	113.14	1.2
RE DISCCART	-205.06	106.07	1.2
RE DISCCART	-212.13	98.99	1.2
RE DISCCART	-219.2	91.92	1.2
RE DISCCART	-226.27	84.85	1.2
RE DISCCART	-77.78	219.2	1.2
RE DISCCART	-84.85	212.13	1.2
RE DISCCART	-91.92	205.06	1.2
RE DISCCART	-99.0	197.99	1.2
RE DISCCART	-106.07	190.92	1.2
RE DISCCART	-113.14	183.85	1.2
RE DISCCART	-120.21	176.78	1.2
RE DISCCART	-127.28	169.71	1.2
RE DISCCART	-130.81	166.17	1.2
RE DISCCART	-134.35	162.63	1.2
RE DISCCART	-136.47	160.51	1.2

RE DISCCART	-137.89	159.1	1.2
RE DISCCART	-139.3	157.68	1.2
RE DISCCART	-140.71	156.27	1.2
RE DISCCART	-142.13	154.86	1.2
RE DISCCART	-154.86	142.13	1.2
RE DISCCART	-156.27	140.71	1.2
RE DISCCART	-157.68	139.3	1.2
RE DISCCART	-159.1	137.89	1.2
RE DISCCART	-160.51	136.47	1.2
RE DISCCART	-162.63	134.35	1.2
RE DISCCART	-166.17	130.81	1.2
RE DISCCART	-169.71	127.28	1.2
RE DISCCART	-176.78	120.21	1.2
RE DISCCART	-183.85	113.14	1.2
RE DISCCART	-190.92	106.07	1.2
RE DISCCART	-197.99	98.99	1.2
RE DISCCART	-205.06	91.92	1.2
RE DISCCART	-212.13	84.85	1.2
RE DISCCART	-219.2	77.78	1.2
RE DISCCART	-70.71	212.13	1.2
RE DISCCART	-77.78	205.06	1.2
RE DISCCART	-84.85	197.99	1.2
RE DISCCART	-91.92	190.92	1.2
RE DISCCART	-98.99	183.85	1.2
RE DISCCART	-106.07	176.78	1.2
RE DISCCART	-113.14	169.71	1.2
RE DISCCART	-120.21	162.63	1.2
RE DISCCART	-123.74	159.1	1.2
RE DISCCART	-127.28	155.56	1.2
RE DISCCART	-129.4	153.44	1.2
RE DISCCART	-130.81	152.03	1.2
RE DISCCART	-132.23	150.61	1.2
RE DISCCART	-133.64	149.2	1.2
RE DISCCART	-135.06	147.79	1.2
RE DISCCART	-147.79	135.06	1.2
RE DISCCART	-149.2	133.64	1.2
RE DISCCART	-150.61	132.23	1.2
RE DISCCART	-152.03	130.81	1.2
RE DISCCART	-153.44	129.4	1.2
RE DISCCART	-155.56	127.28	1.2
RE DISCCART	-159.1	123.74	1.2
RE DISCCART	-162.63	120.21	1.2
RE DISCCART	-169.71	113.14	1.2
RE DISCCART	-176.78	106.07	1.2

RE DISCCART	-183.85	98.99	1.2
RE DISCCART	-190.92	91.92	1.2
RE DISCCART	-197.99	84.85	1.2
RE DISCCART	-205.06	77.78	1.2
RE DISCCART	-212.13	70.71	1.2
RE DISCCART	-63.64	205.06	1.2
RE DISCCART	-70.71	197.99	1.2
RE DISCCART	-77.78	190.92	1.2
RE DISCCART	-84.85	183.85	1.2
RE DISCCART	-91.92	176.78	1.2
RE DISCCART	-98.99	169.71	1.2
RE DISCCART	-106.07	162.63	1.2
RE DISCCART	-113.14	155.56	1.2
RE DISCCART	-116.67	152.03	1.2
RE DISCCART	-120.21	148.49	1.2
RE DISCCART	-122.33	146.37	1.2
RE DISCCART	-123.74	144.96	1.2
RE DISCCART	-125.16	143.54	1.2
RE DISCCART	-126.57	142.13	1.2
RE DISCCART	-127.99	140.71	1.2
RE DISCCART	-140.71	127.99	1.2
RE DISCCART	-142.13	126.57	1.2
RE DISCCART	-143.54	125.16	1.2
RE DISCCART	-144.96	123.74	1.2
RE DISCCART	-146.37	122.33	1.2
RE DISCCART	-148.49	120.21	1.2
RE DISCCART	-152.03	116.67	1.2
RE DISCCART	-155.56	113.14	1.2
RE DISCCART	-162.63	106.07	1.2
RE DISCCART	-169.71	98.99	1.2
RE DISCCART	-176.78	91.92	1.2
RE DISCCART	-183.85	84.85	1.2
RE DISCCART	-190.92	77.78	1.2
RE DISCCART	-197.99	70.71	1.2
RE DISCCART	-205.06	63.64	1.2
RE DISCCART	-56.57	197.99	1.2
RE DISCCART	-63.64	190.92	1.2
RE DISCCART	-70.71	183.85	1.2
RE DISCCART	-77.78	176.78	1.2
RE DISCCART	-84.85	169.71	1.2
RE DISCCART	-91.92	162.63	1.2
RE DISCCART	-98.99	155.56	1.2
RE DISCCART	-106.07	148.49	1.2
RE DISCCART	-109.6	144.96	1.2

RE DISCCART	-113.14	141.42	1.2
RE DISCCART	-115.26	139.3	1.2
RE DISCCART	-116.67	137.89	1.2
RE DISCCART	-118.09	136.47	1.2
RE DISCCART	-119.5	135.06	1.2
RE DISCCART	-120.92	133.64	1.2
RE DISCCART	-133.64	120.92	1.2
RE DISCCART	-135.06	119.5	1.2
RE DISCCART	-136.47	118.09	1.2
RE DISCCART	-137.89	116.67	1.2
RE DISCCART	-139.3	115.26	1.2
RE DISCCART	-141.42	113.14	1.2
RE DISCCART	-144.96	109.6	1.2
RE DISCCART	-148.49	106.07	1.2
RE DISCCART	-155.56	98.99	1.2
RE DISCCART	-162.63	91.92	1.2
RE DISCCART	-169.71	84.85	1.2
RE DISCCART	-176.78	77.78	1.2
RE DISCCART	-183.85	70.71	1.2
RE DISCCART	-190.92	63.64	1.2
RE DISCCART	-197.99	56.57	1.2
RE DISCCART	-49.5	190.92	1.2
RE DISCCART	-56.57	183.85	1.2
RE DISCCART	-63.64	176.78	1.2
RE DISCCART	-70.71	169.71	1.2
RE DISCCART	-77.78	162.63	1.2
RE DISCCART	-84.85	155.56	1.2
RE DISCCART	-91.92	148.49	1.2
RE DISCCART	-98.99	141.42	1.2
RE DISCCART	-102.53	137.89	1.2
RE DISCCART	-106.07	134.35	1.2
RE DISCCART	-108.19	132.23	1.2
RE DISCCART	-109.6	130.81	1.2
RE DISCCART	-111.02	129.4	1.2
RE DISCCART	-112.43	127.99	1.2
RE DISCCART	-113.84	126.57	1.2
RE DISCCART	-126.57	113.84	1.2
RE DISCCART	-127.99	112.43	1.2
RE DISCCART	-129.4	111.02	1.2
RE DISCCART	-130.81	109.6	1.2
RE DISCCART	-132.23	108.19	1.2
RE DISCCART	-134.35	106.07	1.2
RE DISCCART	-137.89	102.53	1.2
RE DISCCART	-141.42	98.99	1.2

RE DISCCART	-148.49	91.92	1.2
RE DISCCART	-155.56	84.85	1.2
RE DISCCART	-162.63	77.78	1.2
RE DISCCART	-169.71	70.71	1.2
RE DISCCART	-176.78	63.64	1.2
RE DISCCART	-183.85	56.57	1.2
RE DISCCART	-190.92	49.5	1.2
RE DISCCART	-42.43	183.85	1.2
RE DISCCART	-49.5	176.78	1.2
RE DISCCART	-56.57	169.71	1.2
RE DISCCART	-63.64	162.63	1.2
RE DISCCART	-70.71	155.56	1.2
RE DISCCART	-77.78	148.49	1.2
RE DISCCART	-84.85	141.42	1.2
RE DISCCART	-91.92	134.35	1.2
RE DISCCART	-95.46	130.81	1.2
RE DISCCART	-98.99	127.28	1.2
RE DISCCART	-101.12	125.16	1.2
RE DISCCART	-102.53	123.74	1.2
RE DISCCART	-103.94	122.33	1.2
RE DISCCART	-105.36	120.92	1.2
RE DISCCART	-106.77	119.5	1.2
RE DISCCART	-119.5	106.77	1.2
RE DISCCART	-120.92	105.36	1.2
RE DISCCART	-122.33	103.94	1.2
RE DISCCART	-123.74	102.53	1.2
RE DISCCART	-125.16	101.12	1.2
RE DISCCART	-127.28	98.99	1.2
RE DISCCART	-130.81	95.46	1.2
RE DISCCART	-134.35	91.92	1.2
RE DISCCART	-141.42	84.85	1.2
RE DISCCART	-148.49	77.78	1.2
RE DISCCART	-155.56	70.71	1.2
RE DISCCART	-162.63	63.64	1.2
RE DISCCART	-169.71	56.57	1.2
RE DISCCART	-176.78	49.5	1.2
RE DISCCART	-183.85	42.43	1.2
RE DISCCART	-35.36	176.78	1.2
RE DISCCART	-42.43	169.71	1.2
RE DISCCART	-49.5	162.63	1.2
RE DISCCART	-56.57	155.56	1.2
RE DISCCART	-63.64	148.49	1.2
RE DISCCART	-70.71	141.42	1.2
RE DISCCART	-77.78	134.35	1.2

RE DISCCART	-84.85	127.28	1.2
RE DISCCART	-88.39	123.74	1.2
RE DISCCART	-91.92	120.21	1.2
RE DISCCART	-94.05	118.09	1.2
RE DISCCART	-95.46	116.67	1.2
RE DISCCART	-96.87	115.26	1.2
RE DISCCART	-98.29	113.84	1.2
RE DISCCART	-99.7	112.43	1.2
RE DISCCART	-112.43	99.7	1.2
RE DISCCART	-113.84	98.29	1.2
RE DISCCART	-115.26	96.87	1.2
RE DISCCART	-116.67	95.46	1.2
RE DISCCART	-118.09	94.05	1.2
RE DISCCART	-120.21	91.92	1.2
RE DISCCART	-123.74	88.39	1.2
RE DISCCART	-127.28	84.85	1.2
RE DISCCART	-134.35	77.78	1.2
RE DISCCART	-141.42	70.71	1.2
RE DISCCART	-148.49	63.64	1.2
RE DISCCART	-155.56	56.57	1.2
RE DISCCART	-162.63	49.5	1.2
RE DISCCART	-169.71	42.43	1.2
RE DISCCART	-176.78	35.36	1.2
RE DISCCART	-28.28	169.71	1.2
RE DISCCART	-35.36	162.63	1.2
RE DISCCART	-42.43	155.56	1.2
RE DISCCART	-49.5	148.49	1.2
RE DISCCART	-56.57	141.42	1.2
RE DISCCART	-63.64	134.35	1.2
RE DISCCART	-70.71	127.28	1.2
RE DISCCART	-77.78	120.21	1.2
RE DISCCART	-81.32	116.67	1.2
RE DISCCART	-84.85	113.14	1.2
RE DISCCART	-86.97	111.02	1.2
RE DISCCART	-88.39	109.6	1.2
RE DISCCART	-89.8	108.19	1.2
RE DISCCART	-91.22	106.77	1.2
RE DISCCART	-92.63	105.36	1.2
RE DISCCART	-105.36	92.63	1.2
RE DISCCART	-106.77	91.22	1.2
RE DISCCART	-108.19	89.8	1.2
RE DISCCART	-109.6	88.39	1.2
RE DISCCART	-111.02	86.97	1.2
RE DISCCART	-113.14	84.85	1.2

RE DISCCART	-116.67	81.32	1.2
RE DISCCART	-120.21	77.78	1.2
RE DISCCART	-127.28	70.71	1.2
RE DISCCART	-134.35	63.64	1.2
RE DISCCART	-141.42	56.57	1.2
RE DISCCART	-148.49	49.5	1.2
RE DISCCART	-155.56	42.43	1.2
RE DISCCART	-162.63	35.36	1.2
RE DISCCART	-169.71	28.28	1.2
RE DISCCART	-21.21	162.63	1.2
RE DISCCART	-28.28	155.56	1.2
RE DISCCART	-35.36	148.49	1.2
RE DISCCART	-42.43	141.42	1.2
RE DISCCART	-49.5	134.35	1.2
RE DISCCART	-56.57	127.28	1.2
RE DISCCART	-63.64	120.21	1.2
RE DISCCART	-70.71	113.14	1.2
RE DISCCART	-74.25	109.6	1.2
RE DISCCART	-77.78	106.07	1.2
RE DISCCART	-79.9	103.94	1.2
RE DISCCART	-81.32	102.53	1.2
RE DISCCART	-82.73	101.12	1.2
RE DISCCART	-84.15	99.7	1.2
RE DISCCART	-85.56	98.29	1.2
RE DISCCART	-98.29	85.56	1.2
RE DISCCART	-99.7	84.15	1.2
RE DISCCART	-101.12	82.73	1.2
RE DISCCART	-102.53	81.32	1.2
RE DISCCART	-103.94	79.9	1.2
RE DISCCART	-106.07	77.78	1.2
RE DISCCART	-109.6	74.25	1.2
RE DISCCART	-113.14	70.71	1.2
RE DISCCART	-120.21	63.64	1.2
RE DISCCART	-127.28	56.57	1.2
RE DISCCART	-134.35	49.5	1.2
RE DISCCART	-141.42	42.43	1.2
RE DISCCART	-148.49	35.36	1.2
RE DISCCART	-155.56	28.28	1.2
RE DISCCART	-162.63	21.21	1.2
RE DISCCART	-14.14	155.56	1.2
RE DISCCART	-21.21	148.49	1.2
RE DISCCART	-28.28	141.42	1.2
RE DISCCART	-35.36	134.35	1.2
RE DISCCART	-42.43	127.28	1.2

RE DISCCART	-49.5	120.21	1.2
RE DISCCART	-56.57	113.14	1.2
RE DISCCART	-63.64	106.07	1.2
RE DISCCART	-67.18	102.53	1.2
RE DISCCART	-70.71	98.99	1.2
RE DISCCART	-72.83	96.87	1.2
RE DISCCART	-74.25	95.46	1.2
RE DISCCART	-75.66	94.05	1.2
RE DISCCART	-77.07	92.63	1.2
RE DISCCART	-78.49	91.22	1.2
RE DISCCART	-91.22	78.49	1.2
RE DISCCART	-92.63	77.07	1.2
RE DISCCART	-94.05	75.66	1.2
RE DISCCART	-95.46	74.25	1.2
RE DISCCART	-96.87	72.83	1.2
RE DISCCART	-98.99	70.71	1.2
RE DISCCART	-102.53	67.18	1.2
RE DISCCART	-106.07	63.64	1.2
RE DISCCART	-113.14	56.57	1.2
RE DISCCART	-120.21	49.5	1.2
RE DISCCART	-127.28	42.43	1.2
RE DISCCART	-134.35	35.36	1.2
RE DISCCART	-141.42	28.28	1.2
RE DISCCART	-148.49	21.21	1.2
RE DISCCART	-155.56	14.14	1.2
RE DISCCART	-7.07	148.49	1.2
RE DISCCART	-14.14	141.42	1.2
RE DISCCART	-21.21	134.35	1.2
RE DISCCART	-28.28	127.28	1.2
RE DISCCART	-35.36	120.21	1.2
RE DISCCART	-42.43	113.14	1.2
RE DISCCART	-49.5	106.07	1.2
RE DISCCART	-56.57	98.99	1.2
RE DISCCART	-60.1	95.46	1.2
RE DISCCART	-63.64	91.92	1.2
RE DISCCART	-65.76	89.8	1.2
RE DISCCART	-67.18	88.39	1.2
RE DISCCART	-68.59	86.97	1.2
RE DISCCART	-70.0	85.56	1.2
RE DISCCART	-71.42	84.15	1.2
RE DISCCART	-84.15	71.42	1.2
RE DISCCART	-85.56	70.0	1.2
RE DISCCART	-86.97	68.59	1.2
RE DISCCART	-88.39	67.18	1.2

RE DISCCART	-89.8	65.76	1.2
RE DISCCART	-91.92	63.64	1.2
RE DISCCART	-95.46	60.1	1.2
RE DISCCART	-98.99	56.57	1.2
RE DISCCART	-106.07	49.5	1.2
RE DISCCART	-113.14	42.43	1.2
RE DISCCART	-120.21	35.36	1.2
RE DISCCART	-127.28	28.28	1.2
RE DISCCART	-134.35	21.21	1.2
RE DISCCART	-141.42	14.14	1.2
RE DISCCART	-148.49	7.07	1.2
RE DISCCART	0.0	141.42	1.2
RE DISCCART	-7.07	134.35	1.2
RE DISCCART	-14.14	127.28	1.2
RE DISCCART	-21.21	120.21	1.2
RE DISCCART	-28.28	113.14	1.2
RE DISCCART	-35.36	106.07	1.2
RE DISCCART	-42.43	98.99	1.2
RE DISCCART	-49.5	91.92	1.2
RE DISCCART	-53.03	88.39	1.2
RE DISCCART	-56.57	84.85	1.2
RE DISCCART	-58.69	82.73	1.2
RE DISCCART	-60.1	81.32	1.2
RE DISCCART	-61.52	79.9	1.2
RE DISCCART	-62.93	78.49	1.2
RE DISCCART	-64.35	77.07	1.2
RE DISCCART	-77.07	64.35	1.2
RE DISCCART	-78.49	62.93	1.2
RE DISCCART	-79.9	61.52	1.2
RE DISCCART	-81.32	60.1	1.2
RE DISCCART	-82.73	58.69	1.2
RE DISCCART	-84.85	56.57	1.2
RE DISCCART	-88.39	53.03	1.2
RE DISCCART	-91.92	49.5	1.2
RE DISCCART	-98.99	42.43	1.2
RE DISCCART	-106.07	35.36	1.2
RE DISCCART	-113.14	28.28	1.2
RE DISCCART	-120.21	21.21	1.2
RE DISCCART	-127.28	14.14	1.2
RE DISCCART	-134.35	7.07	1.2
RE DISCCART	-141.42	0.0	1.2
RE DISCCART	7.07	134.35	1.2
RE DISCCART	0.0	127.28	1.2
RE DISCCART	-7.07	120.21	1.2

RE DISCCART	-14.14	113.14	1.2
RE DISCCART	-21.21	106.07	1.2
RE DISCCART	-28.28	98.99	1.2
RE DISCCART	-35.36	91.92	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-45.96	81.32	1.2
RE DISCCART	-49.5	77.78	1.2
RE DISCCART	-51.62	75.66	1.2
RE DISCCART	-53.03	74.25	1.2
RE DISCCART	-54.45	72.83	1.2
RE DISCCART	-55.86	71.42	1.2
RE DISCCART	-57.28	70.0	1.2
RE DISCCART	-70.0	57.28	1.2
RE DISCCART	-71.42	55.86	1.2
RE DISCCART	-72.83	54.45	1.2
RE DISCCART	-74.25	53.03	1.2
RE DISCCART	-75.66	51.62	1.2
RE DISCCART	-77.78	49.5	1.2
RE DISCCART	-81.32	45.96	1.2
RE DISCCART	-84.85	42.43	1.2
RE DISCCART	-91.92	35.36	1.2
RE DISCCART	-98.99	28.28	1.2
RE DISCCART	-106.07	21.21	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-127.28	0.0	1.2
RE DISCCART	-134.35	-7.07	1.2
RE DISCCART	14.14	127.28	1.2
RE DISCCART	7.07	120.21	1.2
RE DISCCART	0.0	113.14	1.2
RE DISCCART	-7.07	106.07	1.2
RE DISCCART	-14.14	98.99	1.2
RE DISCCART	-21.21	91.92	1.2
RE DISCCART	-28.28	84.85	1.2
RE DISCCART	-35.36	77.78	1.2
RE DISCCART	-38.89	74.25	1.2
RE DISCCART	-42.43	70.71	1.2
RE DISCCART	-44.55	68.59	1.2
RE DISCCART	-45.96	67.18	1.2
RE DISCCART	-47.38	65.76	1.2
RE DISCCART	-48.79	64.35	1.2
RE DISCCART	-50.2	62.93	1.2
RE DISCCART	-62.93	50.2	1.2
RE DISCCART	-64.35	48.79	1.2

RE DISCCART	-65.76	47.38	1.2
RE DISCCART	-67.18	45.96	1.2
RE DISCCART	-68.59	44.55	1.2
RE DISCCART	-70.71	42.43	1.2
RE DISCCART	-74.25	38.89	1.2
RE DISCCART	-77.78	35.36	1.2
RE DISCCART	-84.85	28.28	1.2
RE DISCCART	-91.92	21.21	1.2
RE DISCCART	-98.99	14.14	1.2
RE DISCCART	-106.07	7.07	1.2
RE DISCCART	-113.14	0.0	1.2
RE DISCCART	-120.21	-7.07	1.2
RE DISCCART	-127.28	-14.14	1.2
RE DISCCART	21.21	120.21	1.2
RE DISCCART	14.14	113.14	1.2
RE DISCCART	7.07	106.07	1.2
RE DISCCART	0.0	98.99	1.2
RE DISCCART	-7.07	91.92	1.2
RE DISCCART	-14.14	84.85	1.2
RE DISCCART	-21.21	77.78	1.2
RE DISCCART	-28.28	70.71	1.2
RE DISCCART	-31.82	67.18	1.2
RE DISCCART	-35.36	63.64	1.2
RE DISCCART	-37.48	61.52	1.2
RE DISCCART	-38.89	60.1	1.2
RE DISCCART	-40.31	58.69	1.2
RE DISCCART	-41.72	57.28	1.2
RE DISCCART	-43.13	55.86	1.2
RE DISCCART	-55.86	43.13	1.2
RE DISCCART	-57.28	41.72	1.2
RE DISCCART	-58.69	40.31	1.2
RE DISCCART	-60.1	38.89	1.2
RE DISCCART	-61.52	37.48	1.2
RE DISCCART	-63.64	35.36	1.2
RE DISCCART	-67.18	31.82	1.2
RE DISCCART	-70.71	28.28	1.2
RE DISCCART	-77.78	21.21	1.2
RE DISCCART	-84.85	14.14	1.2
RE DISCCART	-91.92	7.07	1.2
RE DISCCART	-98.99	0.0	1.2
RE DISCCART	-106.07	-7.07	1.2
RE DISCCART	-113.14	-14.14	1.2
RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	28.28	113.14	1.2

RE DISCCART	21.21	106.07	1.2
RE DISCCART	14.14	98.99	1.2
RE DISCCART	7.07	91.92	1.2
RE DISCCART	0.0	84.85	1.2
RE DISCCART	-7.07	77.78	1.2
RE DISCCART	-14.14	70.71	1.2
RE DISCCART	-21.21	63.64	1.2
RE DISCCART	-24.75	60.1	1.2
RE DISCCART	-28.28	56.57	1.2
RE DISCCART	-30.41	54.45	1.2
RE DISCCART	-31.82	53.03	1.2
RE DISCCART	-33.23	51.62	1.2
RE DISCCART	-34.65	50.2	1.2
RE DISCCART	-36.06	48.79	1.2
RE DISCCART	-48.79	36.06	1.2
RE DISCCART	-50.2	34.65	1.2
RE DISCCART	-51.62	33.23	1.2
RE DISCCART	-53.03	31.82	1.2
RE DISCCART	-54.45	30.41	1.2
RE DISCCART	-56.57	28.28	1.2
RE DISCCART	-60.1	24.75	1.2
RE DISCCART	-63.64	21.21	1.2
RE DISCCART	-70.71	14.14	1.2
RE DISCCART	-77.78	7.07	1.2
RE DISCCART	-84.85	0.0	1.2
RE DISCCART	-91.92	-7.07	1.2
RE DISCCART	-98.99	-14.14	1.2
RE DISCCART	-106.07	-21.21	1.2
RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	35.36	106.07	1.2
RE DISCCART	28.28	98.99	1.2
RE DISCCART	21.21	91.92	1.2
RE DISCCART	14.14	84.85	1.2
RE DISCCART	7.07	77.78	1.2
RE DISCCART	0.0	70.71	1.2
RE DISCCART	-7.07	63.64	1.2
RE DISCCART	-14.14	56.57	1.2
RE DISCCART	-17.68	53.03	1.2
RE DISCCART	-21.21	49.5	1.2
RE DISCCART	-23.33	47.38	1.2
RE DISCCART	-24.75	45.96	1.2
RE DISCCART	-26.16	44.55	1.2
RE DISCCART	-27.58	43.13	1.2
RE DISCCART	-28.99	41.72	1.2

RE DISCCART	-41.72	28.99	1.2
RE DISCCART	-43.13	27.58	1.2
RE DISCCART	-44.55	26.16	1.2
RE DISCCART	-45.96	24.75	1.2
RE DISCCART	-47.38	23.33	1.2
RE DISCCART	-49.5	21.21	1.2
RE DISCCART	-53.03	17.68	1.2
RE DISCCART	-56.57	14.14	1.2
RE DISCCART	-63.64	7.07	1.2
RE DISCCART	-70.71	0.0	1.2
RE DISCCART	-77.78	-7.07	1.2
RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-106.07	-35.36	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	35.36	91.92	1.2
RE DISCCART	28.28	84.85	1.2
RE DISCCART	21.21	77.78	1.2
RE DISCCART	14.14	70.71	1.2
RE DISCCART	7.07	63.64	1.2
RE DISCCART	0.0	56.57	1.2
RE DISCCART	-7.07	49.5	1.2
RE DISCCART	-10.61	45.96	1.2
RE DISCCART	-14.14	42.43	1.2
RE DISCCART	-16.26	40.31	1.2
RE DISCCART	-17.68	38.89	1.2
RE DISCCART	-19.09	37.48	1.2
RE DISCCART	-20.51	36.06	1.2
RE DISCCART	-21.92	34.65	1.2
RE DISCCART	-34.65	21.92	1.2
RE DISCCART	-36.06	20.51	1.2
RE DISCCART	-37.48	19.09	1.2
RE DISCCART	-38.89	17.68	1.2
RE DISCCART	-40.31	16.26	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-45.96	10.61	1.2
RE DISCCART	-49.5	7.07	1.2
RE DISCCART	-56.57	0.0	1.2
RE DISCCART	-63.64	-7.07	1.2
RE DISCCART	-70.71	-14.14	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-91.92	-35.36	1.2

RE DISCCART -98.99 -42.43 1.2
RE DISCCART 49.5 91.92 1.2
RE DISCCART 42.43 84.85 1.2
RE DISCCART 35.36 77.78 1.2
RE DISCCART 28.28 70.71 1.2
RE DISCCART 21.21 63.64 1.2
RE DISCCART 14.14 56.57 1.2
RE DISCCART 7.07 49.5 1.2
RE DISCCART 0.0 42.43 1.2
RE DISCCART -3.54 38.89 1.2
RE DISCCART -7.07 35.36 1.2
RE DISCCART -9.19 33.23 1.2
RE DISCCART -10.61 31.82 1.2
RE DISCCART -12.02 30.41 1.2
RE DISCCART -13.44 28.99 1.2
RE DISCCART -14.85 27.58 1.2
RE DISCCART -27.58 14.85 1.2
RE DISCCART -28.99 13.44 1.2
RE DISCCART -30.41 12.02 1.2
RE DISCCART -31.82 10.61 1.2
RE DISCCART -33.23 9.19 1.2
RE DISCCART -35.36 7.07 1.2
RE DISCCART -38.89 3.54 1.2
RE DISCCART -42.43 0.0 1.2
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RE DISCCART -56.57 -14.14 1.2
RE DISCCART -63.64 -21.21 1.2
RE DISCCART -70.71 -28.28 1.2
RE DISCCART -77.78 -35.36 1.2
RE DISCCART -84.85 -42.43 1.2
RE DISCCART -91.92 -49.5 1.2
RE DISCCART 56.57 84.85 1.2
RE DISCCART 49.5 77.78 1.2
RE DISCCART 42.43 70.71 1.2
RE DISCCART 35.36 63.64 1.2
RE DISCCART 28.28 56.57 1.2
RE DISCCART 21.21 49.5 1.2
RE DISCCART 14.14 42.43 1.2
RE DISCCART 7.07 35.36 1.2
RE DISCCART 3.54 31.82 1.2
RE DISCCART 0.0 28.28 1.2
RE DISCCART -2.12 26.16 1.2
RE DISCCART -3.54 24.75 1.2
RE DISCCART -4.95 23.33 1.2

RE DISCCART	-6.36	21.92	1.2
RE DISCCART	-7.78	20.51	1.2
RE DISCCART	-20.51	7.78	1.2
RE DISCCART	-21.92	6.36	1.2
RE DISCCART	-23.33	4.95	1.2
RE DISCCART	-24.75	3.54	1.2
RE DISCCART	-26.16	2.12	1.2
RE DISCCART	-28.28	0.0	1.2
RE DISCCART	-31.82	-3.54	1.2
RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-42.43	-14.14	1.2
RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-56.57	-28.28	1.2
RE DISCCART	-63.64	-35.36	1.2
RE DISCCART	-70.71	-42.43	1.2
RE DISCCART	-77.78	-49.5	1.2
RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	63.64	77.78	1.2
RE DISCCART	56.57	70.71	1.2
RE DISCCART	49.5	63.64	1.2
RE DISCCART	42.43	56.57	1.2
RE DISCCART	35.36	49.5	1.2
RE DISCCART	28.28	42.43	1.2
RE DISCCART	21.21	35.36	1.2
RE DISCCART	14.14	28.28	1.2
RE DISCCART	10.61	24.75	1.2
RE DISCCART	7.07	21.21	1.2
RE DISCCART	4.95	19.09	1.2
RE DISCCART	3.54	17.68	1.2
RE DISCCART	2.12	16.26	1.2
RE DISCCART	0.71	14.85	1.2
RE DISCCART	-0.71	13.44	1.2
RE DISCCART	-13.44	0.71	1.2
RE DISCCART	-14.85	-0.71	1.2
RE DISCCART	-16.26	-2.12	1.2
RE DISCCART	-17.68	-3.54	1.2
RE DISCCART	-19.09	-4.95	1.2
RE DISCCART	-21.21	-7.07	1.2
RE DISCCART	-24.75	-10.61	1.2
RE DISCCART	-28.28	-14.14	1.2
RE DISCCART	-35.36	-21.21	1.2
RE DISCCART	-42.43	-28.28	1.2
RE DISCCART	-49.5	-35.36	1.2
RE DISCCART	-56.57	-42.43	1.2

RE DISCCART	-63.64	-49.5	1.2
RE DISCCART	-70.71	-56.57	1.2
RE DISCCART	-77.78	-63.64	1.2
RE DISCCART	70.71	70.71	1.2
RE DISCCART	63.64	63.64	1.2
RE DISCCART	56.57	56.57	1.2
RE DISCCART	49.5	49.5	1.2
RE DISCCART	42.43	42.43	1.2
RE DISCCART	35.36	35.36	1.2
RE DISCCART	28.28	28.28	1.2
RE DISCCART	21.21	21.21	1.2
RE DISCCART	17.68	17.68	1.2
RE DISCCART	14.14	14.14	1.2
RE DISCCART	12.02	12.02	1.2
RE DISCCART	10.61	10.61	1.2
RE DISCCART	9.19	9.19	1.2
RE DISCCART	7.78	7.78	1.2
RE DISCCART	6.36	6.36	1.2
RE DISCCART	-6.36	-6.36	1.2
RE DISCCART	-7.78	-7.78	1.2
RE DISCCART	-9.19	-9.19	1.2
RE DISCCART	-10.61	-10.61	1.2
RE DISCCART	-12.02	-12.02	1.2
RE DISCCART	-14.14	-14.14	1.2
RE DISCCART	-17.68	-17.68	1.2
RE DISCCART	-21.21	-21.21	1.2
RE DISCCART	-28.28	-28.28	1.2
RE DISCCART	-35.36	-35.36	1.2
RE DISCCART	-42.43	-42.43	1.2
RE DISCCART	-49.5	-49.5	1.2
RE DISCCART	-56.57	-56.57	1.2
RE DISCCART	-63.64	-63.64	1.2
RE DISCCART	-70.71	-70.71	1.2
RE DISCCART	77.78	63.64	1.2
RE DISCCART	70.71	56.57	1.2
RE DISCCART	63.64	49.5	1.2
RE DISCCART	56.57	42.43	1.2
RE DISCCART	49.5	35.36	1.2
RE DISCCART	42.43	28.28	1.2
RE DISCCART	35.36	21.21	1.2
RE DISCCART	28.28	14.14	1.2
RE DISCCART	24.75	10.61	1.2
RE DISCCART	21.21	7.07	1.2
RE DISCCART	19.09	4.95	1.2

RE DISCCART	17.68	3.54	1.2
RE DISCCART	16.26	2.12	1.2
RE DISCCART	14.85	0.71	1.2
RE DISCCART	13.44	-0.71	1.2
RE DISCCART	0.71	-13.44	1.2
RE DISCCART	-0.71	-14.85	1.2
RE DISCCART	-2.12	-16.26	1.2
RE DISCCART	-3.54	-17.68	1.2
RE DISCCART	-4.95	-19.09	1.2
RE DISCCART	-7.07	-21.21	1.2
RE DISCCART	-10.61	-24.75	1.2
RE DISCCART	-14.14	-28.28	1.2
RE DISCCART	-21.21	-35.36	1.2
RE DISCCART	-28.28	-42.43	1.2
RE DISCCART	-35.36	-49.5	1.2
RE DISCCART	-42.43	-56.57	1.2
RE DISCCART	-49.5	-63.64	1.2
RE DISCCART	-56.57	-70.71	1.2
RE DISCCART	-63.64	-77.78	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	77.78	49.5	1.2
RE DISCCART	70.71	42.43	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	56.57	28.28	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	42.43	14.14	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	31.82	3.54	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	26.16	-2.12	1.2
RE DISCCART	24.75	-3.54	1.2
RE DISCCART	23.33	-4.95	1.2
RE DISCCART	21.92	-6.36	1.2
RE DISCCART	20.51	-7.78	1.2
RE DISCCART	7.78	-20.51	1.2
RE DISCCART	6.36	-21.92	1.2
RE DISCCART	4.95	-23.33	1.2
RE DISCCART	3.54	-24.75	1.2
RE DISCCART	2.12	-26.16	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	-3.54	-31.82	1.2
RE DISCCART	-7.07	-35.36	1.2
RE DISCCART	-14.14	-42.43	1.2
RE DISCCART	-21.21	-49.5	1.2

RE DISCCART	-28.28	-56.57	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-42.43	-70.71	1.2
RE DISCCART	-49.5	-77.78	1.2
RE DISCCART	-56.57	-84.85	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	84.85	42.43	1.2
RE DISCCART	77.78	35.36	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	63.64	21.21	1.2
RE DISCCART	56.57	14.14	1.2
RE DISCCART	49.5	7.07	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	38.89	-3.54	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	33.23	-9.19	1.2
RE DISCCART	31.82	-10.61	1.2
RE DISCCART	30.41	-12.02	1.2
RE DISCCART	28.99	-13.44	1.2
RE DISCCART	27.58	-14.85	1.2
RE DISCCART	14.85	-27.58	1.2
RE DISCCART	13.44	-28.99	1.2
RE DISCCART	12.02	-30.41	1.2
RE DISCCART	10.61	-31.82	1.2
RE DISCCART	9.19	-33.23	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	3.54	-38.89	1.2
RE DISCCART	0.0	-42.43	1.2
RE DISCCART	-7.07	-49.5	1.2
RE DISCCART	-14.14	-56.57	1.2
RE DISCCART	-21.21	-63.64	1.2
RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-42.43	-84.85	1.2
RE DISCCART	-49.5	-91.92	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	91.92	35.36	1.2
RE DISCCART	84.85	28.28	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	70.71	14.14	1.2
RE DISCCART	63.64	7.07	1.2
RE DISCCART	56.57	0.0	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	45.96	-10.61	1.2

RE DISCCART	42.43	-14.14	1.2
RE DISCCART	40.31	-16.26	1.2
RE DISCCART	38.89	-17.68	1.2
RE DISCCART	37.48	-19.09	1.2
RE DISCCART	36.06	-20.51	1.2
RE DISCCART	34.65	-21.92	1.2
RE DISCCART	21.92	-34.65	1.2
RE DISCCART	20.51	-36.06	1.2
RE DISCCART	19.09	-37.48	1.2
RE DISCCART	17.68	-38.89	1.2
RE DISCCART	16.26	-40.31	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	10.61	-45.96	1.2
RE DISCCART	7.07	-49.5	1.2
RE DISCCART	0.0	-56.57	1.2
RE DISCCART	-7.07	-63.64	1.2
RE DISCCART	-14.14	-70.71	1.2
RE DISCCART	-21.21	-77.78	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-42.43	-98.99	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	98.99	28.28	1.2
RE DISCCART	91.92	21.21	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	77.78	7.07	1.2
RE DISCCART	70.71	0.0	1.2
RE DISCCART	63.64	-7.07	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	53.03	-17.68	1.2
RE DISCCART	49.5	-21.21	1.2
RE DISCCART	47.38	-23.33	1.2
RE DISCCART	45.96	-24.75	1.2
RE DISCCART	44.55	-26.16	1.2
RE DISCCART	43.13	-27.58	1.2
RE DISCCART	41.72	-28.99	1.2
RE DISCCART	28.99	-41.72	1.2
RE DISCCART	27.58	-43.13	1.2
RE DISCCART	26.16	-44.55	1.2
RE DISCCART	24.75	-45.96	1.2
RE DISCCART	23.33	-47.38	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	17.68	-53.03	1.2
RE DISCCART	14.14	-56.57	1.2

RE DISCCART 7.07 -63.64 1.2
RE DISCCART 0.0 -70.71 1.2
RE DISCCART -7.07 -77.78 1.2
RE DISCCART -14.14 -84.85 1.2
RE DISCCART -21.21 -91.92 1.2
RE DISCCART -28.28 -98.99 1.2
RE DISCCART -35.36 -106.07 1.2
RE DISCCART 113.14 28.28 1.2
RE DISCCART 106.07 21.21 1.2
RE DISCCART 98.99 14.14 1.2
RE DISCCART 91.92 7.07 1.2
RE DISCCART 84.85 0.0 1.2
RE DISCCART 77.78 -7.07 1.2
RE DISCCART 70.71 -14.14 1.2
RE DISCCART 63.64 -21.21 1.2
RE DISCCART 60.1 -24.75 1.2
RE DISCCART 56.57 -28.28 1.2
RE DISCCART 54.45 -30.41 1.2
RE DISCCART 53.03 -31.82 1.2
RE DISCCART 51.62 -33.23 1.2
RE DISCCART 50.2 -34.65 1.2
RE DISCCART 48.79 -36.06 1.2
RE DISCCART 36.06 -48.79 1.2
RE DISCCART 34.65 -50.2 1.2
RE DISCCART 33.23 -51.62 1.2
RE DISCCART 31.82 -53.03 1.2
RE DISCCART 30.41 -54.45 1.2
RE DISCCART 28.28 -56.57 1.2
RE DISCCART 24.75 -60.1 1.2
RE DISCCART 21.21 -63.64 1.2
RE DISCCART 14.14 -70.71 1.2
RE DISCCART 7.07 -77.78 1.2
RE DISCCART 0.0 -84.85 1.2
RE DISCCART -7.07 -91.92 1.2
RE DISCCART -14.14 -98.99 1.2
RE DISCCART -21.21 -106.07 1.2
RE DISCCART -28.28 -113.14 1.2
RE DISCCART 120.21 21.21 1.2
RE DISCCART 113.14 14.14 1.2
RE DISCCART 106.07 7.07 1.2
RE DISCCART 98.99 0.0 1.2
RE DISCCART 91.92 -7.07 1.2
RE DISCCART 84.85 -14.14 1.2
RE DISCCART 77.78 -21.21 1.2

RE DISCCART	70.71	-28.28	1.2
RE DISCCART	67.18	-31.82	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	61.52	-37.48	1.2
RE DISCCART	60.1	-38.89	1.2
RE DISCCART	58.69	-40.31	1.2
RE DISCCART	57.28	-41.72	1.2
RE DISCCART	55.86	-43.13	1.2
RE DISCCART	43.13	-55.86	1.2
RE DISCCART	41.72	-57.28	1.2
RE DISCCART	40.31	-58.69	1.2
RE DISCCART	38.89	-60.1	1.2
RE DISCCART	37.48	-61.52	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	31.82	-67.18	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	21.21	-77.78	1.2
RE DISCCART	14.14	-84.85	1.2
RE DISCCART	7.07	-91.92	1.2
RE DISCCART	0.0	-98.99	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	120.21	7.07	1.2
RE DISCCART	113.14	0.0	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	98.99	-14.14	1.2
RE DISCCART	91.92	-21.21	1.2
RE DISCCART	84.85	-28.28	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	74.25	-38.89	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	68.59	-44.55	1.2
RE DISCCART	67.18	-45.96	1.2
RE DISCCART	65.76	-47.38	1.2
RE DISCCART	64.35	-48.79	1.2
RE DISCCART	62.93	-50.2	1.2
RE DISCCART	50.2	-62.93	1.2
RE DISCCART	48.79	-64.35	1.2
RE DISCCART	47.38	-65.76	1.2
RE DISCCART	45.96	-67.18	1.2
RE DISCCART	44.55	-68.59	1.2
RE DISCCART	42.43	-70.71	1.2

RE DISCCART	38.89	-74.25	1.2
RE DISCCART	35.36	-77.78	1.2
RE DISCCART	28.28	-84.85	1.2
RE DISCCART	21.21	-91.92	1.2
RE DISCCART	14.14	-98.99	1.2
RE DISCCART	7.07	-106.07	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	-14.14	-127.28	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	120.21	-7.07	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	106.07	-21.21	1.2
RE DISCCART	98.99	-28.28	1.2
RE DISCCART	91.92	-35.36	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	81.32	-45.96	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	75.66	-51.62	1.2
RE DISCCART	74.25	-53.03	1.2
RE DISCCART	72.83	-54.45	1.2
RE DISCCART	71.42	-55.86	1.2
RE DISCCART	70.0	-57.28	1.2
RE DISCCART	57.28	-70.0	1.2
RE DISCCART	55.86	-71.42	1.2
RE DISCCART	54.45	-72.83	1.2
RE DISCCART	53.03	-74.25	1.2
RE DISCCART	51.62	-75.66	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	45.96	-81.32	1.2
RE DISCCART	42.43	-84.85	1.2
RE DISCCART	35.36	-91.92	1.2
RE DISCCART	28.28	-98.99	1.2
RE DISCCART	21.21	-106.07	1.2
RE DISCCART	14.14	-113.14	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	-7.07	-134.35	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	127.28	-14.14	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	113.14	-28.28	1.2

RE DISCCART	106.07	-35.36	1.2
RE DISCCART	98.99	-42.43	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	88.39	-53.03	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	82.73	-58.69	1.2
RE DISCCART	81.32	-60.1	1.2
RE DISCCART	79.9	-61.52	1.2
RE DISCCART	78.49	-62.93	1.2
RE DISCCART	77.07	-64.35	1.2
RE DISCCART	64.35	-77.07	1.2
RE DISCCART	62.93	-78.49	1.2
RE DISCCART	61.52	-79.9	1.2
RE DISCCART	60.1	-81.32	1.2
RE DISCCART	58.69	-82.73	1.2
RE DISCCART	56.57	-84.85	1.2
RE DISCCART	53.03	-88.39	1.2
RE DISCCART	49.5	-91.92	1.2
RE DISCCART	42.43	-98.99	1.2
RE DISCCART	35.36	-106.07	1.2
RE DISCCART	28.28	-113.14	1.2
RE DISCCART	21.21	-120.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	0.0	-141.42	1.2
RE DISCCART	148.49	-7.07	1.2
RE DISCCART	141.42	-14.14	1.2
RE DISCCART	134.35	-21.21	1.2
RE DISCCART	127.28	-28.28	1.2
RE DISCCART	120.21	-35.36	1.2
RE DISCCART	113.14	-42.43	1.2
RE DISCCART	106.07	-49.5	1.2
RE DISCCART	98.99	-56.57	1.2
RE DISCCART	95.46	-60.1	1.2
RE DISCCART	91.92	-63.64	1.2
RE DISCCART	89.8	-65.76	1.2
RE DISCCART	88.39	-67.18	1.2
RE DISCCART	86.97	-68.59	1.2
RE DISCCART	85.56	-70.0	1.2
RE DISCCART	84.15	-71.42	1.2
RE DISCCART	71.42	-84.15	1.2
RE DISCCART	70.0	-85.56	1.2
RE DISCCART	68.59	-86.97	1.2
RE DISCCART	67.18	-88.39	1.2

RE DISCCART	65.76	-89.8	1.2
RE DISCCART	63.64	-91.92	1.2
RE DISCCART	60.1	-95.46	1.2
RE DISCCART	56.57	-98.99	1.2
RE DISCCART	49.5	-106.07	1.2
RE DISCCART	42.43	-113.14	1.2
RE DISCCART	35.36	-120.21	1.2
RE DISCCART	28.28	-127.28	1.2
RE DISCCART	21.21	-134.35	1.2
RE DISCCART	14.14	-141.42	1.2
RE DISCCART	7.07	-148.49	1.2
RE DISCCART	155.56	-14.14	1.2
RE DISCCART	148.49	-21.21	1.2
RE DISCCART	141.42	-28.28	1.2
RE DISCCART	134.35	-35.36	1.2
RE DISCCART	127.28	-42.43	1.2
RE DISCCART	120.21	-49.5	1.2
RE DISCCART	113.14	-56.57	1.2
RE DISCCART	106.07	-63.64	1.2
RE DISCCART	102.53	-67.18	1.2
RE DISCCART	98.99	-70.71	1.2
RE DISCCART	96.87	-72.83	1.2
RE DISCCART	95.46	-74.25	1.2
RE DISCCART	94.05	-75.66	1.2
RE DISCCART	92.63	-77.07	1.2
RE DISCCART	91.22	-78.49	1.2
RE DISCCART	78.49	-91.22	1.2
RE DISCCART	77.07	-92.63	1.2
RE DISCCART	75.66	-94.05	1.2
RE DISCCART	74.25	-95.46	1.2
RE DISCCART	72.83	-96.87	1.2
RE DISCCART	70.71	-98.99	1.2
RE DISCCART	67.18	-102.53	1.2
RE DISCCART	63.64	-106.07	1.2
RE DISCCART	56.57	-113.14	1.2
RE DISCCART	49.5	-120.21	1.2
RE DISCCART	42.43	-127.28	1.2
RE DISCCART	35.36	-134.35	1.2
RE DISCCART	28.28	-141.42	1.2
RE DISCCART	21.21	-148.49	1.2
RE DISCCART	14.14	-155.56	1.2
RE DISCCART	162.63	-21.21	1.2
RE DISCCART	155.56	-28.28	1.2
RE DISCCART	148.49	-35.36	1.2

RE DISCCART	141.42	-42.43	1.2
RE DISCCART	134.35	-49.5	1.2
RE DISCCART	127.28	-56.57	1.2
RE DISCCART	120.21	-63.64	1.2
RE DISCCART	113.14	-70.71	1.2
RE DISCCART	109.6	-74.25	1.2
RE DISCCART	106.07	-77.78	1.2
RE DISCCART	103.94	-79.9	1.2
RE DISCCART	102.53	-81.32	1.2
RE DISCCART	101.12	-82.73	1.2
RE DISCCART	99.7	-84.15	1.2
RE DISCCART	98.29	-85.56	1.2
RE DISCCART	85.56	-98.29	1.2
RE DISCCART	84.15	-99.7	1.2
RE DISCCART	82.73	-101.12	1.2
RE DISCCART	81.32	-102.53	1.2
RE DISCCART	79.9	-103.94	1.2
RE DISCCART	77.78	-106.07	1.2
RE DISCCART	74.25	-109.6	1.2
RE DISCCART	70.71	-113.14	1.2
RE DISCCART	63.64	-120.21	1.2
RE DISCCART	56.57	-127.28	1.2
RE DISCCART	49.5	-134.35	1.2
RE DISCCART	42.43	-141.42	1.2
RE DISCCART	35.36	-148.49	1.2
RE DISCCART	28.28	-155.56	1.2
RE DISCCART	21.21	-162.63	1.2
RE DISCCART	169.71	-28.28	1.2
RE DISCCART	162.63	-35.36	1.2
RE DISCCART	155.56	-42.43	1.2
RE DISCCART	148.49	-49.5	1.2
RE DISCCART	141.42	-56.57	1.2
RE DISCCART	134.35	-63.64	1.2
RE DISCCART	127.28	-70.71	1.2
RE DISCCART	120.21	-77.78	1.2
RE DISCCART	116.67	-81.32	1.2
RE DISCCART	113.14	-84.85	1.2
RE DISCCART	111.02	-86.97	1.2
RE DISCCART	109.6	-88.39	1.2
RE DISCCART	108.19	-89.8	1.2
RE DISCCART	106.77	-91.22	1.2
RE DISCCART	105.36	-92.63	1.2
RE DISCCART	92.63	-105.36	1.2
RE DISCCART	91.22	-106.77	1.2

RE DISCCART	89.8	-108.19	1.2
RE DISCCART	88.39	-109.6	1.2
RE DISCCART	86.97	-111.02	1.2
RE DISCCART	84.85	-113.14	1.2
RE DISCCART	81.32	-116.67	1.2
RE DISCCART	77.78	-120.21	1.2
RE DISCCART	70.71	-127.28	1.2
RE DISCCART	63.64	-134.35	1.2
RE DISCCART	56.57	-141.42	1.2
RE DISCCART	49.5	-148.49	1.2
RE DISCCART	42.43	-155.56	1.2
RE DISCCART	35.36	-162.63	1.2
RE DISCCART	28.28	-169.71	1.2
RE DISCCART	176.78	-35.36	1.2
RE DISCCART	169.71	-42.43	1.2
RE DISCCART	162.63	-49.5	1.2
RE DISCCART	155.56	-56.57	1.2
RE DISCCART	148.49	-63.64	1.2
RE DISCCART	141.42	-70.71	1.2
RE DISCCART	134.35	-77.78	1.2
RE DISCCART	127.28	-84.85	1.2
RE DISCCART	123.74	-88.39	1.2
RE DISCCART	120.21	-91.92	1.2
RE DISCCART	118.09	-94.05	1.2
RE DISCCART	116.67	-95.46	1.2
RE DISCCART	115.26	-96.87	1.2
RE DISCCART	113.84	-98.29	1.2
RE DISCCART	112.43	-99.7	1.2
RE DISCCART	99.7	-112.43	1.2
RE DISCCART	98.29	-113.84	1.2
RE DISCCART	96.87	-115.26	1.2
RE DISCCART	95.46	-116.67	1.2
RE DISCCART	94.05	-118.09	1.2
RE DISCCART	91.92	-120.21	1.2
RE DISCCART	88.39	-123.74	1.2
RE DISCCART	84.85	-127.28	1.2
RE DISCCART	77.78	-134.35	1.2
RE DISCCART	70.71	-141.42	1.2
RE DISCCART	63.64	-148.49	1.2
RE DISCCART	56.57	-155.56	1.2
RE DISCCART	49.5	-162.63	1.2
RE DISCCART	42.43	-169.71	1.2
RE DISCCART	35.36	-176.78	1.2
RE DISCCART	183.85	-42.43	1.2

RE DISCCART	176.78	-49.5	1.2
RE DISCCART	169.71	-56.57	1.2
RE DISCCART	162.63	-63.64	1.2
RE DISCCART	155.56	-70.71	1.2
RE DISCCART	148.49	-77.78	1.2
RE DISCCART	141.42	-84.85	1.2
RE DISCCART	134.35	-91.92	1.2
RE DISCCART	130.81	-95.46	1.2
RE DISCCART	127.28	-98.99	1.2
RE DISCCART	125.16	-101.12	1.2
RE DISCCART	123.74	-102.53	1.2
RE DISCCART	122.33	-103.94	1.2
RE DISCCART	120.92	-105.36	1.2
RE DISCCART	119.5	-106.77	1.2
RE DISCCART	106.77	-119.5	1.2
RE DISCCART	105.36	-120.92	1.2
RE DISCCART	103.94	-122.33	1.2
RE DISCCART	102.53	-123.74	1.2
RE DISCCART	101.12	-125.16	1.2
RE DISCCART	98.99	-127.28	1.2
RE DISCCART	95.46	-130.81	1.2
RE DISCCART	91.92	-134.35	1.2
RE DISCCART	84.85	-141.42	1.2
RE DISCCART	77.78	-148.49	1.2
RE DISCCART	70.71	-155.56	1.2
RE DISCCART	63.64	-162.63	1.2
RE DISCCART	56.57	-169.71	1.2
RE DISCCART	49.5	-176.78	1.2
RE DISCCART	42.43	-183.85	1.2
RE DISCCART	190.92	-49.5	1.2
RE DISCCART	183.85	-56.57	1.2
RE DISCCART	176.78	-63.64	1.2
RE DISCCART	169.71	-70.71	1.2
RE DISCCART	162.63	-77.78	1.2
RE DISCCART	155.56	-84.85	1.2
RE DISCCART	148.49	-91.92	1.2
RE DISCCART	141.42	-98.99	1.2
RE DISCCART	137.89	-102.53	1.2
RE DISCCART	134.35	-106.07	1.2
RE DISCCART	132.23	-108.19	1.2
RE DISCCART	130.81	-109.6	1.2
RE DISCCART	129.4	-111.02	1.2
RE DISCCART	127.99	-112.43	1.2
RE DISCCART	126.57	-113.84	1.2

RE DISCCART	113.84	-126.57	1.2
RE DISCCART	112.43	-127.99	1.2
RE DISCCART	111.02	-129.4	1.2
RE DISCCART	109.6	-130.81	1.2
RE DISCCART	108.19	-132.23	1.2
RE DISCCART	106.07	-134.35	1.2
RE DISCCART	102.53	-137.89	1.2
RE DISCCART	98.99	-141.42	1.2
RE DISCCART	91.92	-148.49	1.2
RE DISCCART	84.85	-155.56	1.2
RE DISCCART	77.78	-162.63	1.2
RE DISCCART	70.71	-169.71	1.2
RE DISCCART	63.64	-176.78	1.2
RE DISCCART	56.57	-183.85	1.2
RE DISCCART	49.5	-190.92	1.2
RE DISCCART	197.99	-56.57	1.2
RE DISCCART	190.92	-63.64	1.2
RE DISCCART	183.85	-70.71	1.2
RE DISCCART	176.78	-77.78	1.2
RE DISCCART	169.71	-84.85	1.2
RE DISCCART	162.63	-91.92	1.2
RE DISCCART	155.56	-98.99	1.2
RE DISCCART	148.49	-106.07	1.2
RE DISCCART	144.96	-109.6	1.2
RE DISCCART	141.42	-113.14	1.2
RE DISCCART	139.3	-115.26	1.2
RE DISCCART	137.89	-116.67	1.2
RE DISCCART	136.47	-118.09	1.2
RE DISCCART	135.06	-119.5	1.2
RE DISCCART	133.64	-120.92	1.2
RE DISCCART	120.92	-133.64	1.2
RE DISCCART	119.5	-135.06	1.2
RE DISCCART	118.09	-136.47	1.2
RE DISCCART	116.67	-137.89	1.2
RE DISCCART	115.26	-139.3	1.2
RE DISCCART	113.14	-141.42	1.2
RE DISCCART	109.6	-144.96	1.2
RE DISCCART	106.07	-148.49	1.2
RE DISCCART	98.99	-155.56	1.2
RE DISCCART	91.92	-162.63	1.2
RE DISCCART	84.85	-169.71	1.2
RE DISCCART	77.78	-176.78	1.2
RE DISCCART	70.71	-183.85	1.2
RE DISCCART	63.64	-190.92	1.2

RE DISCCART	56.57	-197.99	1.2
RE DISCCART	205.06	-63.64	1.2
RE DISCCART	197.99	-70.71	1.2
RE DISCCART	190.92	-77.78	1.2
RE DISCCART	183.85	-84.85	1.2
RE DISCCART	176.78	-91.92	1.2
RE DISCCART	169.71	-98.99	1.2
RE DISCCART	162.63	-106.07	1.2
RE DISCCART	155.56	-113.14	1.2
RE DISCCART	152.03	-116.67	1.2
RE DISCCART	148.49	-120.21	1.2
RE DISCCART	146.37	-122.33	1.2
RE DISCCART	144.96	-123.74	1.2
RE DISCCART	143.54	-125.16	1.2
RE DISCCART	142.13	-126.57	1.2
RE DISCCART	140.71	-127.99	1.2
RE DISCCART	127.99	-140.71	1.2
RE DISCCART	126.57	-142.13	1.2
RE DISCCART	125.16	-143.54	1.2
RE DISCCART	123.74	-144.96	1.2
RE DISCCART	122.33	-146.37	1.2
RE DISCCART	120.21	-148.49	1.2
RE DISCCART	116.67	-152.03	1.2
RE DISCCART	113.14	-155.56	1.2
RE DISCCART	106.07	-162.63	1.2
RE DISCCART	98.99	-169.71	1.2
RE DISCCART	91.92	-176.78	1.2
RE DISCCART	84.85	-183.85	1.2
RE DISCCART	77.78	-190.92	1.2
RE DISCCART	70.71	-197.99	1.2
RE DISCCART	63.64	-205.06	1.2
RE DISCCART	212.13	-70.71	1.2
RE DISCCART	205.06	-77.78	1.2
RE DISCCART	197.99	-84.85	1.2
RE DISCCART	190.92	-91.92	1.2
RE DISCCART	183.85	-98.99	1.2
RE DISCCART	176.78	-106.07	1.2
RE DISCCART	169.71	-113.14	1.2
RE DISCCART	162.63	-120.21	1.2
RE DISCCART	159.1	-123.74	1.2
RE DISCCART	155.56	-127.28	1.2
RE DISCCART	153.44	-129.4	1.2
RE DISCCART	152.03	-130.81	1.2
RE DISCCART	150.61	-132.23	1.2

RE DISCCART	149.2	-133.64	1.2
RE DISCCART	147.79	-135.06	1.2
RE DISCCART	135.06	-147.79	1.2
RE DISCCART	133.64	-149.2	1.2
RE DISCCART	132.23	-150.61	1.2
RE DISCCART	130.81	-152.03	1.2
RE DISCCART	129.4	-153.44	1.2
RE DISCCART	127.28	-155.56	1.2
RE DISCCART	123.74	-159.1	1.2
RE DISCCART	120.21	-162.63	1.2
RE DISCCART	113.14	-169.71	1.2
RE DISCCART	106.07	-176.78	1.2
RE DISCCART	98.99	-183.85	1.2
RE DISCCART	91.92	-190.92	1.2
RE DISCCART	84.85	-197.99	1.2
RE DISCCART	77.78	-205.06	1.2
RE DISCCART	70.71	-212.13	1.2
RE DISCCART	219.2	-77.78	1.2
RE DISCCART	212.13	-84.85	1.2
RE DISCCART	205.06	-91.92	1.2
RE DISCCART	197.99	-98.99	1.2
RE DISCCART	190.92	-106.07	1.2
RE DISCCART	183.85	-113.14	1.2
RE DISCCART	176.78	-120.21	1.2
RE DISCCART	169.71	-127.28	1.2
RE DISCCART	166.17	-130.81	1.2
RE DISCCART	162.63	-134.35	1.2
RE DISCCART	160.51	-136.47	1.2
RE DISCCART	159.1	-137.89	1.2
RE DISCCART	157.68	-139.3	1.2
RE DISCCART	156.27	-140.71	1.2
RE DISCCART	154.86	-142.13	1.2
RE DISCCART	142.13	-154.86	1.2
RE DISCCART	140.71	-156.27	1.2
RE DISCCART	139.3	-157.68	1.2
RE DISCCART	137.89	-159.1	1.2
RE DISCCART	136.47	-160.51	1.2
RE DISCCART	134.35	-162.63	1.2
RE DISCCART	130.81	-166.17	1.2
RE DISCCART	127.28	-169.71	1.2
RE DISCCART	120.21	-176.78	1.2
RE DISCCART	113.14	-183.85	1.2
RE DISCCART	106.07	-190.92	1.2
RE DISCCART	98.99	-197.99	1.2

RE DISCCART	91.92	-205.06	1.2
RE DISCCART	84.85	-212.13	1.2
RE DISCCART	77.78	-219.2	1.2
RE DISCCART	226.27	-84.85	1.2
RE DISCCART	219.2	-91.92	1.2
RE DISCCART	212.13	-98.99	1.2
RE DISCCART	205.06	-106.07	1.2
RE DISCCART	197.99	-113.14	1.2
RE DISCCART	190.92	-120.21	1.2
RE DISCCART	183.85	-127.28	1.2
RE DISCCART	176.78	-134.35	1.2
RE DISCCART	173.24	-137.89	1.2
RE DISCCART	169.71	-141.42	1.2
RE DISCCART	167.58	-143.54	1.2
RE DISCCART	166.17	-144.96	1.2
RE DISCCART	164.76	-146.37	1.2
RE DISCCART	163.34	-147.79	1.2
RE DISCCART	161.93	-149.2	1.2
RE DISCCART	149.2	-161.93	1.2
RE DISCCART	147.79	-163.34	1.2
RE DISCCART	146.37	-164.76	1.2
RE DISCCART	144.96	-166.17	1.2
RE DISCCART	143.54	-167.58	1.2
RE DISCCART	141.42	-169.71	1.2
RE DISCCART	137.89	-173.24	1.2
RE DISCCART	134.35	-176.78	1.2
RE DISCCART	127.28	-183.85	1.2
RE DISCCART	120.21	-190.92	1.2
RE DISCCART	113.14	-197.99	1.2
RE DISCCART	106.07	-205.06	1.2
RE DISCCART	98.99	-212.13	1.2
RE DISCCART	91.92	-219.2	1.2
RE DISCCART	84.85	-226.27	1.2
RE DISCCART	233.35	-91.92	1.2
RE DISCCART	226.27	-98.99	1.2
RE DISCCART	219.2	-106.07	1.2
RE DISCCART	212.13	-113.14	1.2
RE DISCCART	205.06	-120.21	1.2
RE DISCCART	197.99	-127.28	1.2
RE DISCCART	190.92	-134.35	1.2
RE DISCCART	183.85	-141.42	1.2
RE DISCCART	180.31	-144.96	1.2
RE DISCCART	176.78	-148.49	1.2
RE DISCCART	174.66	-150.61	1.2

RE DISCCART	173.24	-152.03	1.2
RE DISCCART	171.83	-153.44	1.2
RE DISCCART	170.41	-154.86	1.2
RE DISCCART	169.0	-156.27	1.2
RE DISCCART	156.27	-169.0	1.2
RE DISCCART	154.86	-170.41	1.2
RE DISCCART	153.44	-171.83	1.2
RE DISCCART	152.03	-173.24	1.2
RE DISCCART	150.61	-174.66	1.2
RE DISCCART	148.49	-176.78	1.2
RE DISCCART	144.96	-180.31	1.2
RE DISCCART	141.42	-183.85	1.2
RE DISCCART	134.35	-190.92	1.2
RE DISCCART	127.28	-197.99	1.2
RE DISCCART	120.21	-205.06	1.2
RE DISCCART	113.14	-212.13	1.2
RE DISCCART	106.07	-219.2	1.2
RE DISCCART	98.99	-226.27	1.2
RE DISCCART	91.92	-233.35	1.2
RE DISCCART	240.42	-98.99	1.2
RE DISCCART	233.35	-106.07	1.2
RE DISCCART	226.27	-113.14	1.2
RE DISCCART	219.2	-120.21	1.2
RE DISCCART	212.13	-127.28	1.2
RE DISCCART	205.06	-134.35	1.2
RE DISCCART	197.99	-141.42	1.2
RE DISCCART	190.92	-148.49	1.2
RE DISCCART	187.38	-152.03	1.2
RE DISCCART	183.85	-155.56	1.2
RE DISCCART	181.73	-157.68	1.2
RE DISCCART	180.31	-159.1	1.2
RE DISCCART	178.9	-160.51	1.2
RE DISCCART	177.48	-161.93	1.2
RE DISCCART	176.07	-163.34	1.2
RE DISCCART	163.34	-176.07	1.2
RE DISCCART	161.93	-177.48	1.2
RE DISCCART	160.51	-178.9	1.2
RE DISCCART	159.1	-180.31	1.2
RE DISCCART	157.68	-181.73	1.2
RE DISCCART	155.56	-183.85	1.2
RE DISCCART	152.03	-187.38	1.2
RE DISCCART	148.49	-190.92	1.2
RE DISCCART	141.42	-197.99	1.2
RE DISCCART	134.35	-205.06	1.2

RE DISCCART 127.28 -212.13 1.2
RE DISCCART 120.21 -219.2 1.2
RE DISCCART 113.14 -226.27 1.2
RE DISCCART 106.07 -233.35 1.2
RE DISCCART 98.99 -240.42 1.2
RE DISCCART 247.49 -106.07 1.2
RE DISCCART 240.42 -113.14 1.2
RE DISCCART 233.35 -120.21 1.2
RE DISCCART 226.27 -127.28 1.2
RE DISCCART 219.2 -134.35 1.2
RE DISCCART 212.13 -141.42 1.2
RE DISCCART 205.06 -148.49 1.2
RE DISCCART 197.99 -155.56 1.2
RE DISCCART 194.45 -159.1 1.2
RE DISCCART 190.92 -162.63 1.2
RE DISCCART 188.8 -164.76 1.2
RE DISCCART 187.38 -166.17 1.2
RE DISCCART 185.97 -167.58 1.2
RE DISCCART 184.55 -169.0 1.2
RE DISCCART 183.14 -170.41 1.2
RE DISCCART 170.41 -183.14 1.2
RE DISCCART 169.0 -184.55 1.2
RE DISCCART 167.58 -185.97 1.2
RE DISCCART 166.17 -187.38 1.2
RE DISCCART 164.76 -188.8 1.2
RE DISCCART 162.63 -190.92 1.2
RE DISCCART 159.1 -194.45 1.2
RE DISCCART 155.56 -197.99 1.2
RE DISCCART 148.49 -205.06 1.2
RE DISCCART 141.42 -212.13 1.2
RE DISCCART 134.35 -219.2 1.2
RE DISCCART 127.28 -226.27 1.2
RE DISCCART 120.21 -233.35 1.2
RE DISCCART 113.14 -240.42 1.2
RE DISCCART 106.07 -247.49 1.2
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP95300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 1995

ME UAIRDATA 4901 1995

ME STARTEND 1995 01 01 1 1995 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\17NCRA-1.DAT

**Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\17NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

EMISSION RATE SOURCE SCALAR VARY ID BY	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	98.6	-92.3	0.0	4.95	9.00	90.00	135.00	2.30
NCRA_S2	0	0.21100E-07	35.0	-28.6	0.0	4.95	9.00	90.00	135.00	2.30
NCRA_S3	0	0.21100E-07	-28.6	35.0	0.0	4.95	9.00	90.00	135.00	2.30
NCRA_S4	0	0.21100E-07	-92.3	98.6	0.0	4.95	9.00	90.00	135.00	2.30
NCRA_S5	0	0.21100E-07	-155.9	162.3	0.0	4.95	9.00	90.00	135.00	2.30

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
NCRA_S1	NCRA_S1 ,
NCRA_S2	NCRA_S2 ,
NCRA_S3	NCRA_S3 ,
NCRA_S4	NCRA_S4 ,
NCRA_S5	NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-106.1,	247.5,	0.0,	1.2);	(-113.1,	240.4,	0.0,	1.2);
(-120.2,	233.4,	0.0,	1.2);	(-127.3,	226.3,	0.0,	1.2);
(-134.4,	219.2,	0.0,	1.2);	(-141.4,	212.1,	0.0,	1.2);

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

(-148.5,	205.1,	0.0,	1.2);	(-155.6,	198.0,	0.0,	1.2);
(-159.1,	194.4,	0.0,	1.2);	(-162.6,	190.9,	0.0,	1.2);
(-164.8,	188.8,	0.0,	1.2);	(-166.2,	187.4,	0.0,	1.2);
(-167.6,	186.0,	0.0,	1.2);	(-169.0,	184.6,	0.0,	1.2);
(-170.4,	183.1,	0.0,	1.2);	(-183.1,	170.4,	0.0,	1.2);
(-184.6,	169.0,	0.0,	1.2);	(-186.0,	167.6,	0.0,	1.2);
(-187.4,	166.2,	0.0,	1.2);	(-188.8,	164.8,	0.0,	1.2);
(-190.9,	162.6,	0.0,	1.2);	(-194.4,	159.1,	0.0,	1.2);
(-198.0,	155.6,	0.0,	1.2);	(-205.1,	148.5,	0.0,	1.2);
(-212.1,	141.4,	0.0,	1.2);	(-219.2,	134.4,	0.0,	1.2);
(-226.3,	127.3,	0.0,	1.2);	(-233.4,	120.2,	0.0,	1.2);
(-240.4,	113.1,	0.0,	1.2);	(-247.5,	106.1,	0.0,	1.2);
(-99.0,	240.4,	0.0,	1.2);	(-106.1,	233.4,	0.0,	1.2);
(-113.1,	226.3,	0.0,	1.2);	(-120.2,	219.2,	0.0,	1.2);
(-127.3,	212.1,	0.0,	1.2);	(-134.4,	205.1,	0.0,	1.2);
(-141.4,	198.0,	0.0,	1.2);	(-148.5,	190.9,	0.0,	1.2);
(-152.0,	187.4,	0.0,	1.2);	(-155.6,	183.9,	0.0,	1.2);
(-157.7,	181.7,	0.0,	1.2);	(-159.1,	180.3,	0.0,	1.2);
(-160.5,	178.9,	0.0,	1.2);	(-161.9,	177.5,	0.0,	1.2);
(-163.3,	176.1,	0.0,	1.2);	(-176.1,	163.3,	0.0,	1.2);
(-177.5,	161.9,	0.0,	1.2);	(-178.9,	160.5,	0.0,	1.2);
(-180.3,	159.1,	0.0,	1.2);	(-181.7,	157.7,	0.0,	1.2);
(-183.9,	155.6,	0.0,	1.2);	(-187.4,	152.0,	0.0,	1.2);
(-190.9,	148.5,	0.0,	1.2);	(-198.0,	141.4,	0.0,	1.2);
(-205.1,	134.4,	0.0,	1.2);	(-212.1,	127.3,	0.0,	1.2);
(-219.2,	120.2,	0.0,	1.2);	(-226.3,	113.1,	0.0,	1.2);
(-233.4,	106.1,	0.0,	1.2);	(-240.4,	99.0,	0.0,	1.2);
(-91.9,	233.4,	0.0,	1.2);	(-99.0,	226.3,	0.0,	1.2);
(-106.1,	219.2,	0.0,	1.2);	(-113.1,	212.1,	0.0,	1.2);
(-120.2,	205.1,	0.0,	1.2);	(-127.3,	198.0,	0.0,	1.2);
(-134.4,	190.9,	0.0,	1.2);	(-141.4,	183.9,	0.0,	1.2);
(-145.0,	180.3,	0.0,	1.2);	(-148.5,	176.8,	0.0,	1.2);
(-150.6,	174.7,	0.0,	1.2);	(-152.0,	173.2,	0.0,	1.2);
(-153.4,	171.8,	0.0,	1.2);	(-154.9,	170.4,	0.0,	1.2);
(-156.3,	169.0,	0.0,	1.2);	(-169.0,	156.3,	0.0,	1.2);
(-170.4,	154.9,	0.0,	1.2);	(-171.8,	153.4,	0.0,	1.2);
(-173.2,	152.0,	0.0,	1.2);	(-174.7,	150.6,	0.0,	1.2);
(-176.8,	148.5,	0.0,	1.2);	(-180.3,	145.0,	0.0,	1.2);
(-183.9,	141.4,	0.0,	1.2);	(-190.9,	134.4,	0.0,	1.2);
(-198.0,	127.3,	0.0,	1.2);	(-205.1,	120.2,	0.0,	1.2);
(-212.1,	113.1,	0.0,	1.2);	(-219.2,	106.1,	0.0,	1.2);
(-226.3,	99.0,	0.0,	1.2);	(-233.4,	91.9,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-84.8, 226.3, 0.0, 1.2);	(-91.9, 219.2, 0.0, 1.2);
(-99.0, 212.1, 0.0, 1.2);	(-106.1, 205.1, 0.0, 1.2);
(-113.1, 198.0, 0.0, 1.2);	(-120.2, 190.9, 0.0, 1.2);
(-127.3, 183.9, 0.0, 1.2);	(-134.4, 176.8, 0.0, 1.2);
(-137.9, 173.2, 0.0, 1.2);	(-141.4, 169.7, 0.0, 1.2);
(-143.5, 167.6, 0.0, 1.2);	(-145.0, 166.2, 0.0, 1.2);
(-146.4, 164.8, 0.0, 1.2);	(-147.8, 163.3, 0.0, 1.2);
(-149.2, 161.9, 0.0, 1.2);	(-161.9, 149.2, 0.0, 1.2);
(-163.3, 147.8, 0.0, 1.2);	(-164.8, 146.4, 0.0, 1.2);
(-166.2, 145.0, 0.0, 1.2);	(-167.6, 143.5, 0.0, 1.2);
(-169.7, 141.4, 0.0, 1.2);	(-173.2, 137.9, 0.0, 1.2);
(-176.8, 134.4, 0.0, 1.2);	(-183.9, 127.3, 0.0, 1.2);
(-190.9, 120.2, 0.0, 1.2);	(-198.0, 113.1, 0.0, 1.2);
(-205.1, 106.1, 0.0, 1.2);	(-212.1, 99.0, 0.0, 1.2);
(-219.2, 91.9, 0.0, 1.2);	(-226.3, 84.8, 0.0, 1.2);
(-77.8, 219.2, 0.0, 1.2);	(-84.8, 212.1, 0.0, 1.2);
(-91.9, 205.1, 0.0, 1.2);	(-99.0, 198.0, 0.0, 1.2);
(-106.1, 190.9, 0.0, 1.2);	(-113.1, 183.9, 0.0, 1.2);
(-120.2, 176.8, 0.0, 1.2);	(-127.3, 169.7, 0.0, 1.2);
(-130.8, 166.2, 0.0, 1.2);	(-134.4, 162.6, 0.0, 1.2);
(-136.5, 160.5, 0.0, 1.2);	(-137.9, 159.1, 0.0, 1.2);
(-139.3, 157.7, 0.0, 1.2);	(-140.7, 156.3, 0.0, 1.2);
(-142.1, 154.9, 0.0, 1.2);	(-154.9, 142.1, 0.0, 1.2);
(-156.3, 140.7, 0.0, 1.2);	(-157.7, 139.3, 0.0, 1.2);
(-159.1, 137.9, 0.0, 1.2);	(-160.5, 136.5, 0.0, 1.2);
(-162.6, 134.4, 0.0, 1.2);	(-166.2, 130.8, 0.0, 1.2);
(-169.7, 127.3, 0.0, 1.2);	(-176.8, 120.2, 0.0, 1.2);
(-183.9, 113.1, 0.0, 1.2);	(-190.9, 106.1, 0.0, 1.2);
(-198.0, 99.0, 0.0, 1.2);	(-205.1, 91.9, 0.0, 1.2);
(-212.1, 84.8, 0.0, 1.2);	(-219.2, 77.8, 0.0, 1.2);
(-70.7, 212.1, 0.0, 1.2);	(-77.8, 205.1, 0.0, 1.2);
(-84.8, 198.0, 0.0, 1.2);	(-91.9, 190.9, 0.0, 1.2);
(-99.0, 183.9, 0.0, 1.2);	(-106.1, 176.8, 0.0, 1.2);
(-113.1, 169.7, 0.0, 1.2);	(-120.2, 162.6, 0.0, 1.2);
(-123.7, 159.1, 0.0, 1.2);	(-127.3, 155.6, 0.0, 1.2);
(-129.4, 153.4, 0.0, 1.2);	(-130.8, 152.0, 0.0, 1.2);
(-132.2, 150.6, 0.0, 1.2);	(-133.6, 149.2, 0.0, 1.2);
(-135.1, 147.8, 0.0, 1.2);	(-147.8, 135.1, 0.0, 1.2);
(-149.2, 133.6, 0.0, 1.2);	(-150.6, 132.2, 0.0, 1.2);

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

(-152.0,	130.8,	0.0,	1.2);	(-153.4,	129.4,	0.0,	1.2);
(-155.6,	127.3,	0.0,	1.2);	(-159.1,	123.7,	0.0,	1.2);
(-162.6,	120.2,	0.0,	1.2);	(-169.7,	113.1,	0.0,	1.2);
(-176.8,	106.1,	0.0,	1.2);	(-183.9,	99.0,	0.0,	1.2);
(-190.9,	91.9,	0.0,	1.2);	(-198.0,	84.8,	0.0,	1.2);
(-205.1,	77.8,	0.0,	1.2);	(-212.1,	70.7,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-63.6,	205.1,	0.0,	1.2);	(-70.7,	198.0,	0.0,	1.2);
(-77.8,	190.9,	0.0,	1.2);	(-84.8,	183.9,	0.0,	1.2);
(-91.9,	176.8,	0.0,	1.2);	(-99.0,	169.7,	0.0,	1.2);
(-106.1,	162.6,	0.0,	1.2);	(-113.1,	155.6,	0.0,	1.2);
(-116.7,	152.0,	0.0,	1.2);	(-120.2,	148.5,	0.0,	1.2);
(-122.3,	146.4,	0.0,	1.2);	(-123.7,	145.0,	0.0,	1.2);
(-125.2,	143.5,	0.0,	1.2);	(-126.6,	142.1,	0.0,	1.2);
(-128.0,	140.7,	0.0,	1.2);	(-140.7,	128.0,	0.0,	1.2);
(-142.1,	126.6,	0.0,	1.2);	(-143.5,	125.2,	0.0,	1.2);
(-145.0,	123.7,	0.0,	1.2);	(-146.4,	122.3,	0.0,	1.2);
(-148.5,	120.2,	0.0,	1.2);	(-152.0,	116.7,	0.0,	1.2);
(-155.6,	113.1,	0.0,	1.2);	(-162.6,	106.1,	0.0,	1.2);
(-169.7,	99.0,	0.0,	1.2);	(-176.8,	91.9,	0.0,	1.2);
(-183.9,	84.8,	0.0,	1.2);	(-190.9,	77.8,	0.0,	1.2);
(-198.0,	70.7,	0.0,	1.2);	(-205.1,	63.6,	0.0,	1.2);
(-56.6,	198.0,	0.0,	1.2);	(-63.6,	190.9,	0.0,	1.2);
(-70.7,	183.9,	0.0,	1.2);	(-77.8,	176.8,	0.0,	1.2);
(-84.8,	169.7,	0.0,	1.2);	(-91.9,	162.6,	0.0,	1.2);
(-99.0,	155.6,	0.0,	1.2);	(-106.1,	148.5,	0.0,	1.2);
(-109.6,	145.0,	0.0,	1.2);	(-113.1,	141.4,	0.0,	1.2);
(-115.3,	139.3,	0.0,	1.2);	(-116.7,	137.9,	0.0,	1.2);
(-118.1,	136.5,	0.0,	1.2);	(-119.5,	135.1,	0.0,	1.2);
(-120.9,	133.6,	0.0,	1.2);	(-133.6,	120.9,	0.0,	1.2);
(-135.1,	119.5,	0.0,	1.2);	(-136.5,	118.1,	0.0,	1.2);
(-137.9,	116.7,	0.0,	1.2);	(-139.3,	115.3,	0.0,	1.2);
(-141.4,	113.1,	0.0,	1.2);	(-145.0,	109.6,	0.0,	1.2);
(-148.5,	106.1,	0.0,	1.2);	(-155.6,	99.0,	0.0,	1.2);
(-162.6,	91.9,	0.0,	1.2);	(-169.7,	84.8,	0.0,	1.2);
(-176.8,	77.8,	0.0,	1.2);	(-183.9,	70.7,	0.0,	1.2);
(-190.9,	63.6,	0.0,	1.2);	(-198.0,	56.6,	0.0,	1.2);
(-49.5,	190.9,	0.0,	1.2);	(-56.6,	183.9,	0.0,	1.2);

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

(-63.6,	176.8,	0.0,	1.2);	(-70.7,	169.7,	0.0,	1.2);
(-77.8,	162.6,	0.0,	1.2);	(-84.8,	155.6,	0.0,	1.2);
(-91.9,	148.5,	0.0,	1.2);	(-99.0,	141.4,	0.0,	1.2);
(-102.5,	137.9,	0.0,	1.2);	(-106.1,	134.4,	0.0,	1.2);
(-108.2,	132.2,	0.0,	1.2);	(-109.6,	130.8,	0.0,	1.2);
(-111.0,	129.4,	0.0,	1.2);	(-112.4,	128.0,	0.0,	1.2);
(-113.8,	126.6,	0.0,	1.2);	(-126.6,	113.8,	0.0,	1.2);
(-128.0,	112.4,	0.0,	1.2);	(-129.4,	111.0,	0.0,	1.2);
(-130.8,	109.6,	0.0,	1.2);	(-132.2,	108.2,	0.0,	1.2);
(-134.4,	106.1,	0.0,	1.2);	(-137.9,	102.5,	0.0,	1.2);
(-141.4,	99.0,	0.0,	1.2);	(-148.5,	91.9,	0.0,	1.2);
(-155.6,	84.8,	0.0,	1.2);	(-162.6,	77.8,	0.0,	1.2);
(-169.7,	70.7,	0.0,	1.2);	(-176.8,	63.6,	0.0,	1.2);
(-183.9,	56.6,	0.0,	1.2);	(-190.9,	49.5,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 7
 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-42.4,	183.9,	0.0,	1.2);	(-49.5,	176.8,	0.0,	1.2);
(-56.6,	169.7,	0.0,	1.2);	(-63.6,	162.6,	0.0,	1.2);
(-70.7,	155.6,	0.0,	1.2);	(-77.8,	148.5,	0.0,	1.2);
(-84.8,	141.4,	0.0,	1.2);	(-91.9,	134.4,	0.0,	1.2);
(-95.5,	130.8,	0.0,	1.2);	(-99.0,	127.3,	0.0,	1.2);
(-101.1,	125.2,	0.0,	1.2);	(-102.5,	123.7,	0.0,	1.2);
(-103.9,	122.3,	0.0,	1.2);	(-105.4,	120.9,	0.0,	1.2);
(-106.8,	119.5,	0.0,	1.2);	(-119.5,	106.8,	0.0,	1.2);
(-120.9,	105.4,	0.0,	1.2);	(-122.3,	103.9,	0.0,	1.2);
(-123.7,	102.5,	0.0,	1.2);	(-125.2,	101.1,	0.0,	1.2);
(-127.3,	99.0,	0.0,	1.2);	(-130.8,	95.5,	0.0,	1.2);
(-134.4,	91.9,	0.0,	1.2);	(-141.4,	84.8,	0.0,	1.2);
(-148.5,	77.8,	0.0,	1.2);	(-155.6,	70.7,	0.0,	1.2);
(-162.6,	63.6,	0.0,	1.2);	(-169.7,	56.6,	0.0,	1.2);
(-176.8,	49.5,	0.0,	1.2);	(-183.9,	42.4,	0.0,	1.2);
(-35.4,	176.8,	0.0,	1.2);	(-42.4,	169.7,	0.0,	1.2);
(-49.5,	162.6,	0.0,	1.2);	(-56.6,	155.6,	0.0,	1.2);
(-63.6,	148.5,	0.0,	1.2);	(-70.7,	141.4,	0.0,	1.2);
(-77.8,	134.4,	0.0,	1.2);	(-84.8,	127.3,	0.0,	1.2);
(-88.4,	123.7,	0.0,	1.2);	(-91.9,	120.2,	0.0,	1.2);
(-94.1,	118.1,	0.0,	1.2);	(-95.5,	116.7,	0.0,	1.2);
(-96.9,	115.3,	0.0,	1.2);	(-98.3,	113.8,	0.0,	1.2);
(-99.7,	112.4,	0.0,	1.2);	(-112.4,	99.7,	0.0,	1.2);

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

(-113.8,	98.3,	0.0,	1.2);	(-115.3,	96.9,	0.0,	1.2);
(-116.7,	95.5,	0.0,	1.2);	(-118.1,	94.1,	0.0,	1.2);
(-120.2,	91.9,	0.0,	1.2);	(-123.7,	88.4,	0.0,	1.2);
(-127.3,	84.8,	0.0,	1.2);	(-134.4,	77.8,	0.0,	1.2);
(-141.4,	70.7,	0.0,	1.2);	(-148.5,	63.6,	0.0,	1.2);
(-155.6,	56.6,	0.0,	1.2);	(-162.6,	49.5,	0.0,	1.2);
(-169.7,	42.4,	0.0,	1.2);	(-176.8,	35.4,	0.0,	1.2);
(-28.3,	169.7,	0.0,	1.2);	(-35.4,	162.6,	0.0,	1.2);
(-42.4,	155.6,	0.0,	1.2);	(-49.5,	148.5,	0.0,	1.2);
(-56.6,	141.4,	0.0,	1.2);	(-63.6,	134.4,	0.0,	1.2);
(-70.7,	127.3,	0.0,	1.2);	(-77.8,	120.2,	0.0,	1.2);
(-81.3,	116.7,	0.0,	1.2);	(-84.8,	113.1,	0.0,	1.2);
(-87.0,	111.0,	0.0,	1.2);	(-88.4,	109.6,	0.0,	1.2);
(-89.8,	108.2,	0.0,	1.2);	(-91.2,	106.8,	0.0,	1.2);
(-92.6,	105.4,	0.0,	1.2);	(-105.4,	92.6,	0.0,	1.2);
(-106.8,	91.2,	0.0,	1.2);	(-108.2,	89.8,	0.0,	1.2);
(-109.6,	88.4,	0.0,	1.2);	(-111.0,	87.0,	0.0,	1.2);
(-113.1,	84.8,	0.0,	1.2);	(-116.7,	81.3,	0.0,	1.2);
(-120.2,	77.8,	0.0,	1.2);	(-127.3,	70.7,	0.0,	1.2);
(-134.4,	63.6,	0.0,	1.2);	(-141.4,	56.6,	0.0,	1.2);
(-148.5,	49.5,	0.0,	1.2);	(-155.6,	42.4,	0.0,	1.2);
(-162.6,	35.4,	0.0,	1.2);	(-169.7,	28.3,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:40:16

**MODELOPTs:
PAGE 8

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-21.2,	162.6,	0.0,	1.2);	(-28.3,	155.6,	0.0,	1.2);
(-35.4,	148.5,	0.0,	1.2);	(-42.4,	141.4,	0.0,	1.2);
(-49.5,	134.4,	0.0,	1.2);	(-56.6,	127.3,	0.0,	1.2);
(-63.6,	120.2,	0.0,	1.2);	(-70.7,	113.1,	0.0,	1.2);
(-74.2,	109.6,	0.0,	1.2);	(-77.8,	106.1,	0.0,	1.2);
(-79.9,	103.9,	0.0,	1.2);	(-81.3,	102.5,	0.0,	1.2);
(-82.7,	101.1,	0.0,	1.2);	(-84.2,	99.7,	0.0,	1.2);
(-85.6,	98.3,	0.0,	1.2);	(-98.3,	85.6,	0.0,	1.2);
(-99.7,	84.2,	0.0,	1.2);	(-101.1,	82.7,	0.0,	1.2);
(-102.5,	81.3,	0.0,	1.2);	(-103.9,	79.9,	0.0,	1.2);
(-106.1,	77.8,	0.0,	1.2);	(-109.6,	74.2,	0.0,	1.2);
(-113.1,	70.7,	0.0,	1.2);	(-120.2,	63.6,	0.0,	1.2);
(-127.3,	56.6,	0.0,	1.2);	(-134.4,	49.5,	0.0,	1.2);
(-141.4,	42.4,	0.0,	1.2);	(-148.5,	35.4,	0.0,	1.2);
(-155.6,	28.3,	0.0,	1.2);	(-162.6,	21.2,	0.0,	1.2);

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

(-14.1,	155.6,	0.0,	1.2);	(-21.2,	148.5,	0.0,	1.2);
(-28.3,	141.4,	0.0,	1.2);	(-35.4,	134.4,	0.0,	1.2);
(-42.4,	127.3,	0.0,	1.2);	(-49.5,	120.2,	0.0,	1.2);
(-56.6,	113.1,	0.0,	1.2);	(-63.6,	106.1,	0.0,	1.2);
(-67.2,	102.5,	0.0,	1.2);	(-70.7,	99.0,	0.0,	1.2);
(-72.8,	96.9,	0.0,	1.2);	(-74.2,	95.5,	0.0,	1.2);
(-75.7,	94.1,	0.0,	1.2);	(-77.1,	92.6,	0.0,	1.2);
(-78.5,	91.2,	0.0,	1.2);	(-91.2,	78.5,	0.0,	1.2);
(-92.6,	77.1,	0.0,	1.2);	(-94.1,	75.7,	0.0,	1.2);
(-95.5,	74.2,	0.0,	1.2);	(-96.9,	72.8,	0.0,	1.2);
(-99.0,	70.7,	0.0,	1.2);	(-102.5,	67.2,	0.0,	1.2);
(-106.1,	63.6,	0.0,	1.2);	(-113.1,	56.6,	0.0,	1.2);
(-120.2,	49.5,	0.0,	1.2);	(-127.3,	42.4,	0.0,	1.2);
(-134.4,	35.4,	0.0,	1.2);	(-141.4,	28.3,	0.0,	1.2);
(-148.5,	21.2,	0.0,	1.2);	(-155.6,	14.1,	0.0,	1.2);
(-7.1,	148.5,	0.0,	1.2);	(-14.1,	141.4,	0.0,	1.2);
(-21.2,	134.4,	0.0,	1.2);	(-28.3,	127.3,	0.0,	1.2);
(-35.4,	120.2,	0.0,	1.2);	(-42.4,	113.1,	0.0,	1.2);
(-49.5,	106.1,	0.0,	1.2);	(-56.6,	99.0,	0.0,	1.2);
(-60.1,	95.5,	0.0,	1.2);	(-63.6,	91.9,	0.0,	1.2);
(-65.8,	89.8,	0.0,	1.2);	(-67.2,	88.4,	0.0,	1.2);
(-68.6,	87.0,	0.0,	1.2);	(-70.0,	85.6,	0.0,	1.2);
(-71.4,	84.2,	0.0,	1.2);	(-84.2,	71.4,	0.0,	1.2);
(-85.6,	70.0,	0.0,	1.2);	(-87.0,	68.6,	0.0,	1.2);
(-88.4,	67.2,	0.0,	1.2);	(-89.8,	65.8,	0.0,	1.2);
(-91.9,	63.6,	0.0,	1.2);	(-95.5,	60.1,	0.0,	1.2);
(-99.0,	56.6,	0.0,	1.2);	(-106.1,	49.5,	0.0,	1.2);
(-113.1,	42.4,	0.0,	1.2);	(-120.2,	35.4,	0.0,	1.2);
(-127.3,	28.3,	0.0,	1.2);	(-134.4,	21.2,	0.0,	1.2);
(-141.4,	14.1,	0.0,	1.2);	(-148.5,	7.1,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(0.0,	141.4,	0.0,	1.2);	(-7.1,	134.4,	0.0,	1.2);
(-14.1,	127.3,	0.0,	1.2);	(-21.2,	120.2,	0.0,	1.2);
(-28.3,	113.1,	0.0,	1.2);	(-35.4,	106.1,	0.0,	1.2);
(-42.4,	99.0,	0.0,	1.2);	(-49.5,	91.9,	0.0,	1.2);
(-53.0,	88.4,	0.0,	1.2);	(-56.6,	84.8,	0.0,	1.2);
(-58.7,	82.7,	0.0,	1.2);	(-60.1,	81.3,	0.0,	1.2);
(-61.5,	79.9,	0.0,	1.2);	(-62.9,	78.5,	0.0,	1.2);

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

(-64.3,	77.1,	0.0,	1.2);	(-77.1,	64.3,	0.0,	1.2);
(-78.5,	62.9,	0.0,	1.2);	(-79.9,	61.5,	0.0,	1.2);
(-81.3,	60.1,	0.0,	1.2);	(-82.7,	58.7,	0.0,	1.2);
(-84.8,	56.6,	0.0,	1.2);	(-88.4,	53.0,	0.0,	1.2);
(-91.9,	49.5,	0.0,	1.2);	(-99.0,	42.4,	0.0,	1.2);
(-106.1,	35.4,	0.0,	1.2);	(-113.1,	28.3,	0.0,	1.2);
(-120.2,	21.2,	0.0,	1.2);	(-127.3,	14.1,	0.0,	1.2);
(-134.4,	7.1,	0.0,	1.2);	(-141.4,	0.0,	0.0,	1.2);
(7.1,	134.4,	0.0,	1.2);	(0.0,	127.3,	0.0,	1.2);
(-7.1,	120.2,	0.0,	1.2);	(-14.1,	113.1,	0.0,	1.2);
(-21.2,	106.1,	0.0,	1.2);	(-28.3,	99.0,	0.0,	1.2);
(-35.4,	91.9,	0.0,	1.2);	(-42.4,	84.8,	0.0,	1.2);
(-46.0,	81.3,	0.0,	1.2);	(-49.5,	77.8,	0.0,	1.2);
(-51.6,	75.7,	0.0,	1.2);	(-53.0,	74.2,	0.0,	1.2);
(-54.5,	72.8,	0.0,	1.2);	(-55.9,	71.4,	0.0,	1.2);
(-57.3,	70.0,	0.0,	1.2);	(-70.0,	57.3,	0.0,	1.2);
(-71.4,	55.9,	0.0,	1.2);	(-72.8,	54.5,	0.0,	1.2);
(-74.2,	53.0,	0.0,	1.2);	(-75.7,	51.6,	0.0,	1.2);
(-77.8,	49.5,	0.0,	1.2);	(-81.3,	46.0,	0.0,	1.2);
(-84.8,	42.4,	0.0,	1.2);	(-91.9,	35.4,	0.0,	1.2);
(-99.0,	28.3,	0.0,	1.2);	(-106.1,	21.2,	0.0,	1.2);
(-113.1,	14.1,	0.0,	1.2);	(-120.2,	7.1,	0.0,	1.2);
(-127.3,	0.0,	0.0,	1.2);	(-134.4,	-7.1,	0.0,	1.2);
(14.1,	127.3,	0.0,	1.2);	(7.1,	120.2,	0.0,	1.2);
(0.0,	113.1,	0.0,	1.2);	(-7.1,	106.1,	0.0,	1.2);
(-14.1,	99.0,	0.0,	1.2);	(-21.2,	91.9,	0.0,	1.2);
(-28.3,	84.8,	0.0,	1.2);	(-35.4,	77.8,	0.0,	1.2);
(-38.9,	74.2,	0.0,	1.2);	(-42.4,	70.7,	0.0,	1.2);
(-44.5,	68.6,	0.0,	1.2);	(-46.0,	67.2,	0.0,	1.2);
(-47.4,	65.8,	0.0,	1.2);	(-48.8,	64.3,	0.0,	1.2);
(-50.2,	62.9,	0.0,	1.2);	(-62.9,	50.2,	0.0,	1.2);
(-64.3,	48.8,	0.0,	1.2);	(-65.8,	47.4,	0.0,	1.2);
(-67.2,	46.0,	0.0,	1.2);	(-68.6,	44.5,	0.0,	1.2);
(-70.7,	42.4,	0.0,	1.2);	(-74.2,	38.9,	0.0,	1.2);
(-77.8,	35.4,	0.0,	1.2);	(-84.8,	28.3,	0.0,	1.2);
(-91.9,	21.2,	0.0,	1.2);	(-99.0,	14.1,	0.0,	1.2);
(-106.1,	7.1,	0.0,	1.2);	(-113.1,	0.0,	0.0,	1.2);
(-120.2,	-7.1,	0.0,	1.2);	(-127.3,	-14.1,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:40:16

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound
(METERS)

(21.2, 120.2, 0.0, 1.2);	(14.1, 113.1, 0.0, 1.2);
(7.1, 106.1, 0.0, 1.2);	(0.0, 99.0, 0.0, 1.2);
(-7.1, 91.9, 0.0, 1.2);	(-14.1, 84.8, 0.0, 1.2);
(-21.2, 77.8, 0.0, 1.2);	(-28.3, 70.7, 0.0, 1.2);
(-31.8, 67.2, 0.0, 1.2);	(-35.4, 63.6, 0.0, 1.2);
(-37.5, 61.5, 0.0, 1.2);	(-38.9, 60.1, 0.0, 1.2);
(-40.3, 58.7, 0.0, 1.2);	(-41.7, 57.3, 0.0, 1.2);
(-43.1, 55.9, 0.0, 1.2);	(-55.9, 43.1, 0.0, 1.2);
(-57.3, 41.7, 0.0, 1.2);	(-58.7, 40.3, 0.0, 1.2);
(-60.1, 38.9, 0.0, 1.2);	(-61.5, 37.5, 0.0, 1.2);
(-63.6, 35.4, 0.0, 1.2);	(-67.2, 31.8, 0.0, 1.2);
(-70.7, 28.3, 0.0, 1.2);	(-77.8, 21.2, 0.0, 1.2);
(-84.8, 14.1, 0.0, 1.2);	(-91.9, 7.1, 0.0, 1.2);
(-99.0, 0.0, 0.0, 1.2);	(-106.1, -7.1, 0.0, 1.2);
(-113.1, -14.1, 0.0, 1.2);	(-120.2, -21.2, 0.0, 1.2);
(28.3, 113.1, 0.0, 1.2);	(21.2, 106.1, 0.0, 1.2);
(14.1, 99.0, 0.0, 1.2);	(7.1, 91.9, 0.0, 1.2);
(0.0, 84.8, 0.0, 1.2);	(-7.1, 77.8, 0.0, 1.2);
(-14.1, 70.7, 0.0, 1.2);	(-21.2, 63.6, 0.0, 1.2);
(-24.8, 60.1, 0.0, 1.2);	(-28.3, 56.6, 0.0, 1.2);
(-30.4, 54.5, 0.0, 1.2);	(-31.8, 53.0, 0.0, 1.2);
(-33.2, 51.6, 0.0, 1.2);	(-34.7, 50.2, 0.0, 1.2);
(-36.1, 48.8, 0.0, 1.2);	(-48.8, 36.1, 0.0, 1.2);
(-50.2, 34.7, 0.0, 1.2);	(-51.6, 33.2, 0.0, 1.2);
(-53.0, 31.8, 0.0, 1.2);	(-54.5, 30.4, 0.0, 1.2);
(-56.6, 28.3, 0.0, 1.2);	(-60.1, 24.8, 0.0, 1.2);
(-63.6, 21.2, 0.0, 1.2);	(-70.7, 14.1, 0.0, 1.2);
(-77.8, 7.1, 0.0, 1.2);	(-84.8, 0.0, 0.0, 1.2);
(-91.9, -7.1, 0.0, 1.2);	(-99.0, -14.1, 0.0, 1.2);
(-106.1, -21.2, 0.0, 1.2);	(-113.1, -28.3, 0.0, 1.2);
(35.4, 106.1, 0.0, 1.2);	(28.3, 99.0, 0.0, 1.2);
(21.2, 91.9, 0.0, 1.2);	(14.1, 84.8, 0.0, 1.2);
(7.1, 77.8, 0.0, 1.2);	(0.0, 70.7, 0.0, 1.2);
(-7.1, 63.6, 0.0, 1.2);	(-14.1, 56.6, 0.0, 1.2);
(-17.7, 53.0, 0.0, 1.2);	(-21.2, 49.5, 0.0, 1.2);
(-23.3, 47.4, 0.0, 1.2);	(-24.8, 46.0, 0.0, 1.2);
(-26.2, 44.5, 0.0, 1.2);	(-27.6, 43.1, 0.0, 1.2);
(-29.0, 41.7, 0.0, 1.2);	(-41.7, 29.0, 0.0, 1.2);
(-43.1, 27.6, 0.0, 1.2);	(-44.5, 26.2, 0.0, 1.2);
(-46.0, 24.8, 0.0, 1.2);	(-47.4, 23.3, 0.0, 1.2);
(-49.5, 21.2, 0.0, 1.2);	(-53.0, 17.7, 0.0, 1.2);
(-56.6, 14.1, 0.0, 1.2);	(-63.6, 7.1, 0.0, 1.2);
(-70.7, 0.0, 0.0, 1.2);	(-77.8, -7.1, 0.0, 1.2);

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

(-84.8, -14.1, 0.0, 1.2); (-91.9, -21.2, 0.0, 1.2);
 (-99.0, -28.3, 0.0, 1.2); (-106.1, -35.4, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(42.4, 99.0, 0.0, 1.2); (35.4, 91.9, 0.0, 1.2);
 (28.3, 84.8, 0.0, 1.2); (21.2, 77.8, 0.0, 1.2);
 (14.1, 70.7, 0.0, 1.2); (7.1, 63.6, 0.0, 1.2);
 (0.0, 56.6, 0.0, 1.2); (-7.1, 49.5, 0.0, 1.2);
 (-10.6, 46.0, 0.0, 1.2); (-14.1, 42.4, 0.0, 1.2);
 (-16.3, 40.3, 0.0, 1.2); (-17.7, 38.9, 0.0, 1.2);
 (-19.1, 37.5, 0.0, 1.2); (-20.5, 36.1, 0.0, 1.2);
 (-21.9, 34.7, 0.0, 1.2); (-34.7, 21.9, 0.0, 1.2);
 (-36.1, 20.5, 0.0, 1.2); (-37.5, 19.1, 0.0, 1.2);
 (-38.9, 17.7, 0.0, 1.2); (-40.3, 16.3, 0.0, 1.2);
 (-42.4, 14.1, 0.0, 1.2); (-46.0, 10.6, 0.0, 1.2);
 (-49.5, 7.1, 0.0, 1.2); (-56.6, 0.0, 0.0, 1.2);
 (-63.6, -7.1, 0.0, 1.2); (-70.7, -14.1, 0.0, 1.2);
 (-77.8, -21.2, 0.0, 1.2); (-84.8, -28.3, 0.0, 1.2);
 (-91.9, -35.4, 0.0, 1.2); (-99.0, -42.4, 0.0, 1.2);
 (49.5, 91.9, 0.0, 1.2); (42.4, 84.8, 0.0, 1.2);
 (35.4, 77.8, 0.0, 1.2); (28.3, 70.7, 0.0, 1.2);
 (21.2, 63.6, 0.0, 1.2); (14.1, 56.6, 0.0, 1.2);
 (7.1, 49.5, 0.0, 1.2); (0.0, 42.4, 0.0, 1.2);
 (-3.5, 38.9, 0.0, 1.2); (-7.1, 35.4, 0.0, 1.2);
 (-9.2, 33.2, 0.0, 1.2); (-10.6, 31.8, 0.0, 1.2);
 (-12.0, 30.4, 0.0, 1.2); (-13.4, 29.0, 0.0, 1.2);
 (-14.9, 27.6, 0.0, 1.2); (-27.6, 14.9, 0.0, 1.2);
 (-29.0, 13.4, 0.0, 1.2); (-30.4, 12.0, 0.0, 1.2);
 (-31.8, 10.6, 0.0, 1.2); (-33.2, 9.2, 0.0, 1.2);
 (-35.4, 7.1, 0.0, 1.2); (-38.9, 3.5, 0.0, 1.2);
 (-42.4, 0.0, 0.0, 1.2); (-49.5, -7.1, 0.0, 1.2);
 (-56.6, -14.1, 0.0, 1.2); (-63.6, -21.2, 0.0, 1.2);
 (-70.7, -28.3, 0.0, 1.2); (-77.8, -35.4, 0.0, 1.2);
 (-84.8, -42.4, 0.0, 1.2); (-91.9, -49.5, 0.0, 1.2);
 (56.6, 84.8, 0.0, 1.2); (49.5, 77.8, 0.0, 1.2);
 (42.4, 70.7, 0.0, 1.2); (35.4, 63.6, 0.0, 1.2);
 (28.3, 56.6, 0.0, 1.2); (21.2, 49.5, 0.0, 1.2);
 (14.1, 42.4, 0.0, 1.2); (7.1, 35.4, 0.0, 1.2);
 (3.5, 31.8, 0.0, 1.2); (0.0, 28.3, 0.0, 1.2);

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

(-2.1,	26.2,	0.0,	1.2);	(-3.5,	24.8,	0.0,	1.2);
(-4.9,	23.3,	0.0,	1.2);	(-6.4,	21.9,	0.0,	1.2);
(-7.8,	20.5,	0.0,	1.2);	(-20.5,	7.8,	0.0,	1.2);
(-21.9,	6.4,	0.0,	1.2);	(-23.3,	4.9,	0.0,	1.2);
(-24.8,	3.5,	0.0,	1.2);	(-26.2,	2.1,	0.0,	1.2);
(-28.3,	0.0,	0.0,	1.2);	(-31.8,	-3.5,	0.0,	1.2);
(-35.4,	-7.1,	0.0,	1.2);	(-42.4,	-14.1,	0.0,	1.2);
(-49.5,	-21.2,	0.0,	1.2);	(-56.6,	-28.3,	0.0,	1.2);
(-63.6,	-35.4,	0.0,	1.2);	(-70.7,	-42.4,	0.0,	1.2);
(-77.8,	-49.5,	0.0,	1.2);	(-84.8,	-56.6,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(63.6,	77.8,	0.0,	1.2);	(56.6,	70.7,	0.0,	1.2);
(49.5,	63.6,	0.0,	1.2);	(42.4,	56.6,	0.0,	1.2);
(35.4,	49.5,	0.0,	1.2);	(28.3,	42.4,	0.0,	1.2);
(21.2,	35.4,	0.0,	1.2);	(14.1,	28.3,	0.0,	1.2);
(10.6,	24.8,	0.0,	1.2);	(7.1,	21.2,	0.0,	1.2);
(4.9,	19.1,	0.0,	1.2);	(3.5,	17.7,	0.0,	1.2);
(2.1,	16.3,	0.0,	1.2);	(0.7,	14.9,	0.0,	1.2);
(-0.7,	13.4,	0.0,	1.2);	(-13.4,	0.7,	0.0,	1.2);
(-14.9,	-0.7,	0.0,	1.2);	(-16.3,	-2.1,	0.0,	1.2);
(-17.7,	-3.5,	0.0,	1.2);	(-19.1,	-4.9,	0.0,	1.2);
(-21.2,	-7.1,	0.0,	1.2);	(-24.8,	-10.6,	0.0,	1.2);
(-28.3,	-14.1,	0.0,	1.2);	(-35.4,	-21.2,	0.0,	1.2);
(-42.4,	-28.3,	0.0,	1.2);	(-49.5,	-35.4,	0.0,	1.2);
(-56.6,	-42.4,	0.0,	1.2);	(-63.6,	-49.5,	0.0,	1.2);
(-70.7,	-56.6,	0.0,	1.2);	(-77.8,	-63.6,	0.0,	1.2);
(70.7,	70.7,	0.0,	1.2);	(63.6,	63.6,	0.0,	1.2);
(56.6,	56.6,	0.0,	1.2);	(49.5,	49.5,	0.0,	1.2);
(42.4,	42.4,	0.0,	1.2);	(35.4,	35.4,	0.0,	1.2);
(28.3,	28.3,	0.0,	1.2);	(21.2,	21.2,	0.0,	1.2);
(17.7,	17.7,	0.0,	1.2);	(14.1,	14.1,	0.0,	1.2);
(12.0,	12.0,	0.0,	1.2);	(10.6,	10.6,	0.0,	1.2);
(9.2,	9.2,	0.0,	1.2);	(7.8,	7.8,	0.0,	1.2);
(6.4,	6.4,	0.0,	1.2);	(-6.4,	-6.4,	0.0,	1.2);
(-7.8,	-7.8,	0.0,	1.2);	(-9.2,	-9.2,	0.0,	1.2);
(-10.6,	-10.6,	0.0,	1.2);	(-12.0,	-12.0,	0.0,	1.2);
(-14.1,	-14.1,	0.0,	1.2);	(-17.7,	-17.7,	0.0,	1.2);
(-21.2,	-21.2,	0.0,	1.2);	(-28.3,	-28.3,	0.0,	1.2);

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

(-35.4, -35.4, 0.0, 1.2);	(-42.4, -42.4, 0.0, 1.2);
(-49.5, -49.5, 0.0, 1.2);	(-56.6, -56.6, 0.0, 1.2);
(-63.6, -63.6, 0.0, 1.2);	(-70.7, -70.7, 0.0, 1.2);
(77.8, 63.6, 0.0, 1.2);	(70.7, 56.6, 0.0, 1.2);
(63.6, 49.5, 0.0, 1.2);	(56.6, 42.4, 0.0, 1.2);
(49.5, 35.4, 0.0, 1.2);	(42.4, 28.3, 0.0, 1.2);
(35.4, 21.2, 0.0, 1.2);	(28.3, 14.1, 0.0, 1.2);
(24.8, 10.6, 0.0, 1.2);	(21.2, 7.1, 0.0, 1.2);
(19.1, 4.9, 0.0, 1.2);	(17.7, 3.5, 0.0, 1.2);
(16.3, 2.1, 0.0, 1.2);	(14.9, 0.7, 0.0, 1.2);
(13.4, -0.7, 0.0, 1.2);	(0.7, -13.4, 0.0, 1.2);
(-0.7, -14.9, 0.0, 1.2);	(-2.1, -16.3, 0.0, 1.2);
(-3.5, -17.7, 0.0, 1.2);	(-4.9, -19.1, 0.0, 1.2);
(-7.1, -21.2, 0.0, 1.2);	(-10.6, -24.8, 0.0, 1.2);
(-14.1, -28.3, 0.0, 1.2);	(-21.2, -35.4, 0.0, 1.2);
(-28.3, -42.4, 0.0, 1.2);	(-35.4, -49.5, 0.0, 1.2);
(-42.4, -56.6, 0.0, 1.2);	(-49.5, -63.6, 0.0, 1.2);
(-56.6, -70.7, 0.0, 1.2);	(-63.6, -77.8, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:40:16

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(84.8, 56.6, 0.0, 1.2);	(77.8, 49.5, 0.0, 1.2);
(70.7, 42.4, 0.0, 1.2);	(63.6, 35.4, 0.0, 1.2);
(56.6, 28.3, 0.0, 1.2);	(49.5, 21.2, 0.0, 1.2);
(42.4, 14.1, 0.0, 1.2);	(35.4, 7.1, 0.0, 1.2);
(31.8, 3.5, 0.0, 1.2);	(28.3, 0.0, 0.0, 1.2);
(26.2, -2.1, 0.0, 1.2);	(24.8, -3.5, 0.0, 1.2);
(23.3, -4.9, 0.0, 1.2);	(21.9, -6.4, 0.0, 1.2);
(20.5, -7.8, 0.0, 1.2);	(7.8, -20.5, 0.0, 1.2);
(6.4, -21.9, 0.0, 1.2);	(4.9, -23.3, 0.0, 1.2);
(3.5, -24.8, 0.0, 1.2);	(2.1, -26.2, 0.0, 1.2);
(0.0, -28.3, 0.0, 1.2);	(-3.5, -31.8, 0.0, 1.2);
(-7.1, -35.4, 0.0, 1.2);	(-14.1, -42.4, 0.0, 1.2);
(-21.2, -49.5, 0.0, 1.2);	(-28.3, -56.6, 0.0, 1.2);
(-35.4, -63.6, 0.0, 1.2);	(-42.4, -70.7, 0.0, 1.2);
(-49.5, -77.8, 0.0, 1.2);	(-56.6, -84.8, 0.0, 1.2);
(91.9, 49.5, 0.0, 1.2);	(84.8, 42.4, 0.0, 1.2);
(77.8, 35.4, 0.0, 1.2);	(70.7, 28.3, 0.0, 1.2);
(63.6, 21.2, 0.0, 1.2);	(56.6, 14.1, 0.0, 1.2);
(49.5, 7.1, 0.0, 1.2);	(42.4, 0.0, 0.0, 1.2);

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

(38.9, -3.5, 0.0, 1.2);	(-35.4, -7.1, 0.0, 1.2);
(33.2, -9.2, 0.0, 1.2);	(31.8, -10.6, 0.0, 1.2);
(30.4, -12.0, 0.0, 1.2);	(29.0, -13.4, 0.0, 1.2);
(27.6, -14.9, 0.0, 1.2);	(14.9, -27.6, 0.0, 1.2);
(13.4, -29.0, 0.0, 1.2);	(12.0, -30.4, 0.0, 1.2);
(10.6, -31.8, 0.0, 1.2);	(9.2, -33.2, 0.0, 1.2);
(7.1, -35.4, 0.0, 1.2);	(3.5, -38.9, 0.0, 1.2);
(0.0, -42.4, 0.0, 1.2);	(-7.1, -49.5, 0.0, 1.2);
(-14.1, -56.6, 0.0, 1.2);	(-21.2, -63.6, 0.0, 1.2);
(-28.3, -70.7, 0.0, 1.2);	(-35.4, -77.8, 0.0, 1.2);
(-42.4, -84.8, 0.0, 1.2);	(-49.5, -91.9, 0.0, 1.2);
(99.0, 42.4, 0.0, 1.2);	(91.9, 35.4, 0.0, 1.2);
(84.8, 28.3, 0.0, 1.2);	(77.8, 21.2, 0.0, 1.2);
(70.7, 14.1, 0.0, 1.2);	(63.6, 7.1, 0.0, 1.2);
(56.6, 0.0, 0.0, 1.2);	(49.5, -7.1, 0.0, 1.2);
(46.0, -10.6, 0.0, 1.2);	(42.4, -14.1, 0.0, 1.2);
(40.3, -16.3, 0.0, 1.2);	(38.9, -17.7, 0.0, 1.2);
(37.5, -19.1, 0.0, 1.2);	(36.1, -20.5, 0.0, 1.2);
(34.7, -21.9, 0.0, 1.2);	(21.9, -34.7, 0.0, 1.2);
(20.5, -36.1, 0.0, 1.2);	(19.1, -37.5, 0.0, 1.2);
(17.7, -38.9, 0.0, 1.2);	(16.3, -40.3, 0.0, 1.2);
(14.1, -42.4, 0.0, 1.2);	(10.6, -46.0, 0.0, 1.2);
(7.1, -49.5, 0.0, 1.2);	(0.0, -56.6, 0.0, 1.2);
(-7.1, -63.6, 0.0, 1.2);	(-14.1, -70.7, 0.0, 1.2);
(-21.2, -77.8, 0.0, 1.2);	(-28.3, -84.8, 0.0, 1.2);
(-35.4, -91.9, 0.0, 1.2);	(-42.4, -99.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:40:16

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(106.1, 35.4, 0.0, 1.2);	(99.0, 28.3, 0.0, 1.2);
(91.9, 21.2, 0.0, 1.2);	(84.8, 14.1, 0.0, 1.2);
(77.8, 7.1, 0.0, 1.2);	(70.7, 0.0, 0.0, 1.2);
(63.6, -7.1, 0.0, 1.2);	(56.6, -14.1, 0.0, 1.2);
(53.0, -17.7, 0.0, 1.2);	(49.5, -21.2, 0.0, 1.2);
(47.4, -23.3, 0.0, 1.2);	(46.0, -24.8, 0.0, 1.2);
(44.5, -26.2, 0.0, 1.2);	(43.1, -27.6, 0.0, 1.2);
(41.7, -29.0, 0.0, 1.2);	(29.0, -41.7, 0.0, 1.2);
(27.6, -43.1, 0.0, 1.2);	(26.2, -44.5, 0.0, 1.2);
(24.8, -46.0, 0.0, 1.2);	(23.3, -47.4, 0.0, 1.2);
(21.2, -49.5, 0.0, 1.2);	(17.7, -53.0, 0.0, 1.2);

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

(14.1,	-56.6,	0.0,	1.2);	(7.1,	-63.6,	0.0,	1.2);
(0.0,	-70.7,	0.0,	1.2);	(-7.1,	-77.8,	0.0,	1.2);
(-14.1,	-84.8,	0.0,	1.2);	(-21.2,	-91.9,	0.0,	1.2);
(-28.3,	-99.0,	0.0,	1.2);	(-35.4,	-106.1,	0.0,	1.2);
(113.1,	28.3,	0.0,	1.2);	(106.1,	21.2,	0.0,	1.2);
(99.0,	14.1,	0.0,	1.2);	(91.9,	7.1,	0.0,	1.2);
(84.8,	0.0,	0.0,	1.2);	(77.8,	-7.1,	0.0,	1.2);
(70.7,	-14.1,	0.0,	1.2);	(63.6,	-21.2,	0.0,	1.2);
(60.1,	-24.8,	0.0,	1.2);	(56.6,	-28.3,	0.0,	1.2);
(54.5,	-30.4,	0.0,	1.2);	(53.0,	-31.8,	0.0,	1.2);
(51.6,	-33.2,	0.0,	1.2);	(50.2,	-34.7,	0.0,	1.2);
(48.8,	-36.1,	0.0,	1.2);	(36.1,	-48.8,	0.0,	1.2);
(34.7,	-50.2,	0.0,	1.2);	(33.2,	-51.6,	0.0,	1.2);
(31.8,	-53.0,	0.0,	1.2);	(30.4,	-54.5,	0.0,	1.2);
(28.3,	-56.6,	0.0,	1.2);	(24.8,	-60.1,	0.0,	1.2);
(21.2,	-63.6,	0.0,	1.2);	(14.1,	-70.7,	0.0,	1.2);
(7.1,	-77.8,	0.0,	1.2);	(0.0,	-84.8,	0.0,	1.2);
(-7.1,	-91.9,	0.0,	1.2);	(-14.1,	-99.0,	0.0,	1.2);
(-21.2,	-106.1,	0.0,	1.2);	(-28.3,	-113.1,	0.0,	1.2);
(120.2,	21.2,	0.0,	1.2);	(113.1,	14.1,	0.0,	1.2);
(106.1,	7.1,	0.0,	1.2);	(99.0,	0.0,	0.0,	1.2);
(91.9,	-7.1,	0.0,	1.2);	(84.8,	-14.1,	0.0,	1.2);
(77.8,	-21.2,	0.0,	1.2);	(70.7,	-28.3,	0.0,	1.2);
(67.2,	-31.8,	0.0,	1.2);	(63.6,	-35.4,	0.0,	1.2);
(61.5,	-37.5,	0.0,	1.2);	(60.1,	-38.9,	0.0,	1.2);
(58.7,	-40.3,	0.0,	1.2);	(57.3,	-41.7,	0.0,	1.2);
(55.9,	-43.1,	0.0,	1.2);	(43.1,	-55.9,	0.0,	1.2);
(41.7,	-57.3,	0.0,	1.2);	(40.3,	-58.7,	0.0,	1.2);
(38.9,	-60.1,	0.0,	1.2);	(37.5,	-61.5,	0.0,	1.2);
(35.4,	-63.6,	0.0,	1.2);	(31.8,	-67.2,	0.0,	1.2);
(28.3,	-70.7,	0.0,	1.2);	(21.2,	-77.8,	0.0,	1.2);
(14.1,	-84.8,	0.0,	1.2);	(7.1,	-91.9,	0.0,	1.2);
(0.0,	-99.0,	0.0,	1.2);	(-7.1,	-106.1,	0.0,	1.2);
(-14.1,	-113.1,	0.0,	1.2);	(-21.2,	-120.2,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:40:16

**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(127.3,	14.1,	0.0,	1.2);	(120.2,	7.1,	0.0,	1.2);
(113.1,	0.0,	0.0,	1.2);	(106.1,	-7.1,	0.0,	1.2);
(99.0,	-14.1,	0.0,	1.2);	(91.9,	-21.2,	0.0,	1.2);

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

(84.8, -28.3, 0.0, 1.2);	(77.8, -35.4, 0.0, 1.2);
(74.2, -38.9, 0.0, 1.2);	(70.7, -42.4, 0.0, 1.2);
(68.6, -44.5, 0.0, 1.2);	(67.2, -46.0, 0.0, 1.2);
(65.8, -47.4, 0.0, 1.2);	(64.3, -48.8, 0.0, 1.2);
(62.9, -50.2, 0.0, 1.2);	(50.2, -62.9, 0.0, 1.2);
(48.8, -64.3, 0.0, 1.2);	(47.4, -65.8, 0.0, 1.2);
(46.0, -67.2, 0.0, 1.2);	(44.5, -68.6, 0.0, 1.2);
(42.4, -70.7, 0.0, 1.2);	(38.9, -74.2, 0.0, 1.2);
(35.4, -77.8, 0.0, 1.2);	(28.3, -84.8, 0.0, 1.2);
(21.2, -91.9, 0.0, 1.2);	(14.1, -99.0, 0.0, 1.2);
(7.1, -106.1, 0.0, 1.2);	(0.0, -113.1, 0.0, 1.2);
(-7.1, -120.2, 0.0, 1.2);	(-14.1, -127.3, 0.0, 1.2);
(134.4, 7.1, 0.0, 1.2);	(127.3, 0.0, 0.0, 1.2);
(120.2, -7.1, 0.0, 1.2);	(113.1, -14.1, 0.0, 1.2);
(106.1, -21.2, 0.0, 1.2);	(99.0, -28.3, 0.0, 1.2);
(91.9, -35.4, 0.0, 1.2);	(84.8, -42.4, 0.0, 1.2);
(81.3, -46.0, 0.0, 1.2);	(77.8, -49.5, 0.0, 1.2);
(75.7, -51.6, 0.0, 1.2);	(74.2, -53.0, 0.0, 1.2);
(72.8, -54.5, 0.0, 1.2);	(71.4, -55.9, 0.0, 1.2);
(70.0, -57.3, 0.0, 1.2);	(57.3, -70.0, 0.0, 1.2);
(55.9, -71.4, 0.0, 1.2);	(54.5, -72.8, 0.0, 1.2);
(53.0, -74.2, 0.0, 1.2);	(51.6, -75.7, 0.0, 1.2);
(49.5, -77.8, 0.0, 1.2);	(46.0, -81.3, 0.0, 1.2);
(42.4, -84.8, 0.0, 1.2);	(35.4, -91.9, 0.0, 1.2);
(28.3, -99.0, 0.0, 1.2);	(21.2, -106.1, 0.0, 1.2);
(14.1, -113.1, 0.0, 1.2);	(7.1, -120.2, 0.0, 1.2);
(0.0, -127.3, 0.0, 1.2);	(-7.1, -134.4, 0.0, 1.2);
(141.4, 0.0, 0.0, 1.2);	(134.4, -7.1, 0.0, 1.2);
(127.3, -14.1, 0.0, 1.2);	(120.2, -21.2, 0.0, 1.2);
(113.1, -28.3, 0.0, 1.2);	(106.1, -35.4, 0.0, 1.2);
(99.0, -42.4, 0.0, 1.2);	(91.9, -49.5, 0.0, 1.2);
(88.4, -53.0, 0.0, 1.2);	(84.8, -56.6, 0.0, 1.2);
(82.7, -58.7, 0.0, 1.2);	(81.3, -60.1, 0.0, 1.2);
(79.9, -61.5, 0.0, 1.2);	(78.5, -62.9, 0.0, 1.2);
(77.1, -64.3, 0.0, 1.2);	(64.3, -77.1, 0.0, 1.2);
(62.9, -78.5, 0.0, 1.2);	(61.5, -79.9, 0.0, 1.2);
(60.1, -81.3, 0.0, 1.2);	(58.7, -82.7, 0.0, 1.2);
(56.6, -84.8, 0.0, 1.2);	(53.0, -88.4, 0.0, 1.2);
(49.5, -91.9, 0.0, 1.2);	(42.4, -99.0, 0.0, 1.2);
(35.4, -106.1, 0.0, 1.2);	(28.3, -113.1, 0.0, 1.2);
(21.2, -120.2, 0.0, 1.2);	(14.1, -127.3, 0.0, 1.2);
(7.1, -134.4, 0.0, 1.2);	(0.0, -141.4, 0.0, 1.2);

**MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(148.5, -7.1, 0.0, 1.2);	(141.4, -14.1, 0.0, 1.2);
(134.4, -21.2, 0.0, 1.2);	(127.3, -28.3, 0.0, 1.2);
(120.2, -35.4, 0.0, 1.2);	(113.1, -42.4, 0.0, 1.2);
(106.1, -49.5, 0.0, 1.2);	(99.0, -56.6, 0.0, 1.2);
(95.5, -60.1, 0.0, 1.2);	(91.9, -63.6, 0.0, 1.2);
(89.8, -65.8, 0.0, 1.2);	(88.4, -67.2, 0.0, 1.2);
(87.0, -68.6, 0.0, 1.2);	(85.6, -70.0, 0.0, 1.2);
(84.2, -71.4, 0.0, 1.2);	(71.4, -84.2, 0.0, 1.2);
(70.0, -85.6, 0.0, 1.2);	(68.6, -87.0, 0.0, 1.2);
(67.2, -88.4, 0.0, 1.2);	(65.8, -89.8, 0.0, 1.2);
(63.6, -91.9, 0.0, 1.2);	(60.1, -95.5, 0.0, 1.2);
(56.6, -99.0, 0.0, 1.2);	(49.5, -106.1, 0.0, 1.2);
(42.4, -113.1, 0.0, 1.2);	(35.4, -120.2, 0.0, 1.2);
(28.3, -127.3, 0.0, 1.2);	(21.2, -134.4, 0.0, 1.2);
(14.1, -141.4, 0.0, 1.2);	(7.1, -148.5, 0.0, 1.2);
(155.6, -14.1, 0.0, 1.2);	(148.5, -21.2, 0.0, 1.2);
(141.4, -28.3, 0.0, 1.2);	(134.4, -35.4, 0.0, 1.2);
(127.3, -42.4, 0.0, 1.2);	(120.2, -49.5, 0.0, 1.2);
(113.1, -56.6, 0.0, 1.2);	(106.1, -63.6, 0.0, 1.2);
(102.5, -67.2, 0.0, 1.2);	(99.0, -70.7, 0.0, 1.2);
(96.9, -72.8, 0.0, 1.2);	(95.5, -74.2, 0.0, 1.2);
(94.1, -75.7, 0.0, 1.2);	(92.6, -77.1, 0.0, 1.2);
(91.2, -78.5, 0.0, 1.2);	(78.5, -91.2, 0.0, 1.2);
(77.1, -92.6, 0.0, 1.2);	(75.7, -94.1, 0.0, 1.2);
(74.2, -95.5, 0.0, 1.2);	(72.8, -96.9, 0.0, 1.2);
(70.7, -99.0, 0.0, 1.2);	(67.2, -102.5, 0.0, 1.2);
(63.6, -106.1, 0.0, 1.2);	(56.6, -113.1, 0.0, 1.2);
(49.5, -120.2, 0.0, 1.2);	(42.4, -127.3, 0.0, 1.2);
(35.4, -134.4, 0.0, 1.2);	(28.3, -141.4, 0.0, 1.2);
(21.2, -148.5, 0.0, 1.2);	(14.1, -155.6, 0.0, 1.2);
(162.6, -21.2, 0.0, 1.2);	(155.6, -28.3, 0.0, 1.2);
(148.5, -35.4, 0.0, 1.2);	(141.4, -42.4, 0.0, 1.2);
(134.4, -49.5, 0.0, 1.2);	(127.3, -56.6, 0.0, 1.2);
(120.2, -63.6, 0.0, 1.2);	(113.1, -70.7, 0.0, 1.2);
(109.6, -74.2, 0.0, 1.2);	(106.1, -77.8, 0.0, 1.2);
(103.9, -79.9, 0.0, 1.2);	(102.5, -81.3, 0.0, 1.2);
(101.1, -82.7, 0.0, 1.2);	(99.7, -84.2, 0.0, 1.2);
(98.3, -85.6, 0.0, 1.2);	(85.6, -98.3, 0.0, 1.2);
(84.2, -99.7, 0.0, 1.2);	(82.7, -101.1, 0.0, 1.2);

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

(81.3,	-102.5,	0.0,	1.2);	(79.9,	-103.9,	0.0,	1.2);
(77.8,	-106.1,	0.0,	1.2);	(74.2,	-109.6,	0.0,	1.2);
(70.7,	-113.1,	0.0,	1.2);	(63.6,	-120.2,	0.0,	1.2);
(56.6,	-127.3,	0.0,	1.2);	(49.5,	-134.4,	0.0,	1.2);
(42.4,	-141.4,	0.0,	1.2);	(35.4,	-148.5,	0.0,	1.2);
(28.3,	-155.6,	0.0,	1.2);	(21.2,	-162.6,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(169.7,	-28.3,	0.0,	1.2);	(162.6,	-35.4,	0.0,	1.2);
(155.6,	-42.4,	0.0,	1.2);	(148.5,	-49.5,	0.0,	1.2);
(141.4,	-56.6,	0.0,	1.2);	(134.4,	-63.6,	0.0,	1.2);
(127.3,	-70.7,	0.0,	1.2);	(120.2,	-77.8,	0.0,	1.2);
(116.7,	-81.3,	0.0,	1.2);	(113.1,	-84.8,	0.0,	1.2);
(111.0,	-87.0,	0.0,	1.2);	(109.6,	-88.4,	0.0,	1.2);
(108.2,	-89.8,	0.0,	1.2);	(106.8,	-91.2,	0.0,	1.2);
(105.4,	-92.6,	0.0,	1.2);	(92.6,	-105.4,	0.0,	1.2);
(91.2,	-106.8,	0.0,	1.2);	(89.8,	-108.2,	0.0,	1.2);
(88.4,	-109.6,	0.0,	1.2);	(87.0,	-111.0,	0.0,	1.2);
(84.8,	-113.1,	0.0,	1.2);	(81.3,	-116.7,	0.0,	1.2);
(77.8,	-120.2,	0.0,	1.2);	(70.7,	-127.3,	0.0,	1.2);
(63.6,	-134.4,	0.0,	1.2);	(56.6,	-141.4,	0.0,	1.2);
(49.5,	-148.5,	0.0,	1.2);	(42.4,	-155.6,	0.0,	1.2);
(35.4,	-162.6,	0.0,	1.2);	(28.3,	-169.7,	0.0,	1.2);
(176.8,	-35.4,	0.0,	1.2);	(169.7,	-42.4,	0.0,	1.2);
(162.6,	-49.5,	0.0,	1.2);	(155.6,	-56.6,	0.0,	1.2);
(148.5,	-63.6,	0.0,	1.2);	(141.4,	-70.7,	0.0,	1.2);
(134.4,	-77.8,	0.0,	1.2);	(127.3,	-84.8,	0.0,	1.2);
(123.7,	-88.4,	0.0,	1.2);	(120.2,	-91.9,	0.0,	1.2);
(118.1,	-94.1,	0.0,	1.2);	(116.7,	-95.5,	0.0,	1.2);
(115.3,	-96.9,	0.0,	1.2);	(113.8,	-98.3,	0.0,	1.2);
(112.4,	-99.7,	0.0,	1.2);	(99.7,	-112.4,	0.0,	1.2);
(98.3,	-113.8,	0.0,	1.2);	(96.9,	-115.3,	0.0,	1.2);
(95.5,	-116.7,	0.0,	1.2);	(94.1,	-118.1,	0.0,	1.2);
(91.9,	-120.2,	0.0,	1.2);	(88.4,	-123.7,	0.0,	1.2);
(84.8,	-127.3,	0.0,	1.2);	(77.8,	-134.4,	0.0,	1.2);
(70.7,	-141.4,	0.0,	1.2);	(63.6,	-148.5,	0.0,	1.2);
(56.6,	-155.6,	0.0,	1.2);	(49.5,	-162.6,	0.0,	1.2);
(42.4,	-169.7,	0.0,	1.2);	(35.4,	-176.8,	0.0,	1.2);
(183.9,	-42.4,	0.0,	1.2);	(176.8,	-49.5,	0.0,	1.2);

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

(169.7,	-56.6,	0.0,	1.2);	(162.6,	-63.6,	0.0,	1.2);
(155.6,	-70.7,	0.0,	1.2);	(148.5,	-77.8,	0.0,	1.2);
(141.4,	-84.8,	0.0,	1.2);	(134.4,	-91.9,	0.0,	1.2);
(130.8,	-95.5,	0.0,	1.2);	(127.3,	-99.0,	0.0,	1.2);
(125.2,	-101.1,	0.0,	1.2);	(123.7,	-102.5,	0.0,	1.2);
(122.3,	-103.9,	0.0,	1.2);	(120.9,	-105.4,	0.0,	1.2);
(119.5,	-106.8,	0.0,	1.2);	(106.8,	-119.5,	0.0,	1.2);
(105.4,	-120.9,	0.0,	1.2);	(103.9,	-122.3,	0.0,	1.2);
(102.5,	-123.7,	0.0,	1.2);	(101.1,	-125.2,	0.0,	1.2);
(99.0,	-127.3,	0.0,	1.2);	(95.5,	-130.8,	0.0,	1.2);
(91.9,	-134.4,	0.0,	1.2);	(84.8,	-141.4,	0.0,	1.2);
(77.8,	-148.5,	0.0,	1.2);	(70.7,	-155.6,	0.0,	1.2);
(63.6,	-162.6,	0.0,	1.2);	(56.6,	-169.7,	0.0,	1.2);
(49.5,	-176.8,	0.0,	1.2);	(42.4,	-183.9,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(190.9,	-49.5,	0.0,	1.2);	(183.9,	-56.6,	0.0,	1.2);
(176.8,	-63.6,	0.0,	1.2);	(169.7,	-70.7,	0.0,	1.2);
(162.6,	-77.8,	0.0,	1.2);	(155.6,	-84.8,	0.0,	1.2);
(148.5,	-91.9,	0.0,	1.2);	(141.4,	-99.0,	0.0,	1.2);
(137.9,	-102.5,	0.0,	1.2);	(134.4,	-106.1,	0.0,	1.2);
(132.2,	-108.2,	0.0,	1.2);	(130.8,	-109.6,	0.0,	1.2);
(129.4,	-111.0,	0.0,	1.2);	(128.0,	-112.4,	0.0,	1.2);
(126.6,	-113.8,	0.0,	1.2);	(113.8,	-126.6,	0.0,	1.2);
(112.4,	-128.0,	0.0,	1.2);	(111.0,	-129.4,	0.0,	1.2);
(109.6,	-130.8,	0.0,	1.2);	(108.2,	-132.2,	0.0,	1.2);
(106.1,	-134.4,	0.0,	1.2);	(102.5,	-137.9,	0.0,	1.2);
(99.0,	-141.4,	0.0,	1.2);	(91.9,	-148.5,	0.0,	1.2);
(84.8,	-155.6,	0.0,	1.2);	(77.8,	-162.6,	0.0,	1.2);
(70.7,	-169.7,	0.0,	1.2);	(63.6,	-176.8,	0.0,	1.2);
(56.6,	-183.9,	0.0,	1.2);	(49.5,	-190.9,	0.0,	1.2);
(198.0,	-56.6,	0.0,	1.2);	(190.9,	-63.6,	0.0,	1.2);
(183.9,	-70.7,	0.0,	1.2);	(176.8,	-77.8,	0.0,	1.2);
(169.7,	-84.8,	0.0,	1.2);	(162.6,	-91.9,	0.0,	1.2);
(155.6,	-99.0,	0.0,	1.2);	(148.5,	-106.1,	0.0,	1.2);
(145.0,	-109.6,	0.0,	1.2);	(141.4,	-113.1,	0.0,	1.2);
(139.3,	-115.3,	0.0,	1.2);	(137.9,	-116.7,	0.0,	1.2);
(136.5,	-118.1,	0.0,	1.2);	(135.1,	-119.5,	0.0,	1.2);
(133.6,	-120.9,	0.0,	1.2);	(120.9,	-133.6,	0.0,	1.2);

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

(119.5, -135.1, 0.0, 1.2);	(118.1, -136.5, 0.0, 1.2);
(116.7, -137.9, 0.0, 1.2);	(115.3, -139.3, 0.0, 1.2);
(113.1, -141.4, 0.0, 1.2);	(109.6, -145.0, 0.0, 1.2);
(106.1, -148.5, 0.0, 1.2);	(99.0, -155.6, 0.0, 1.2);
(91.9, -162.6, 0.0, 1.2);	(84.8, -169.7, 0.0, 1.2);
(77.8, -176.8, 0.0, 1.2);	(70.7, -183.9, 0.0, 1.2);
(63.6, -190.9, 0.0, 1.2);	(56.6, -198.0, 0.0, 1.2);
(205.1, -63.6, 0.0, 1.2);	(198.0, -70.7, 0.0, 1.2);
(190.9, -77.8, 0.0, 1.2);	(183.9, -84.8, 0.0, 1.2);
(176.8, -91.9, 0.0, 1.2);	(169.7, -99.0, 0.0, 1.2);
(162.6, -106.1, 0.0, 1.2);	(155.6, -113.1, 0.0, 1.2);
(152.0, -116.7, 0.0, 1.2);	(148.5, -120.2, 0.0, 1.2);
(146.4, -122.3, 0.0, 1.2);	(145.0, -123.7, 0.0, 1.2);
(143.5, -125.2, 0.0, 1.2);	(142.1, -126.6, 0.0, 1.2);
(140.7, -128.0, 0.0, 1.2);	(128.0, -140.7, 0.0, 1.2);
(126.6, -142.1, 0.0, 1.2);	(125.2, -143.5, 0.0, 1.2);
(123.7, -145.0, 0.0, 1.2);	(122.3, -146.4, 0.0, 1.2);
(120.2, -148.5, 0.0, 1.2);	(116.7, -152.0, 0.0, 1.2);
(113.1, -155.6, 0.0, 1.2);	(106.1, -162.6, 0.0, 1.2);
(99.0, -169.7, 0.0, 1.2);	(91.9, -176.8, 0.0, 1.2);
(84.8, -183.9, 0.0, 1.2);	(77.8, -190.9, 0.0, 1.2);
(70.7, -198.0, 0.0, 1.2);	(63.6, -205.1, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(212.1, -70.7, 0.0, 1.2);	(205.1, -77.8, 0.0, 1.2);
(198.0, -84.8, 0.0, 1.2);	(190.9, -91.9, 0.0, 1.2);
(183.9, -99.0, 0.0, 1.2);	(176.8, -106.1, 0.0, 1.2);
(169.7, -113.1, 0.0, 1.2);	(162.6, -120.2, 0.0, 1.2);
(159.1, -123.7, 0.0, 1.2);	(155.6, -127.3, 0.0, 1.2);
(153.4, -129.4, 0.0, 1.2);	(152.0, -130.8, 0.0, 1.2);
(150.6, -132.2, 0.0, 1.2);	(149.2, -133.6, 0.0, 1.2);
(147.8, -135.1, 0.0, 1.2);	(135.1, -147.8, 0.0, 1.2);
(133.6, -149.2, 0.0, 1.2);	(132.2, -150.6, 0.0, 1.2);
(130.8, -152.0, 0.0, 1.2);	(129.4, -153.4, 0.0, 1.2);
(127.3, -155.6, 0.0, 1.2);	(123.7, -159.1, 0.0, 1.2);
(120.2, -162.6, 0.0, 1.2);	(113.1, -169.7, 0.0, 1.2);
(106.1, -176.8, 0.0, 1.2);	(99.0, -183.9, 0.0, 1.2);
(91.9, -190.9, 0.0, 1.2);	(84.8, -198.0, 0.0, 1.2);
(77.8, -205.1, 0.0, 1.2);	(70.7, -212.1, 0.0, 1.2);

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

(219.2,	-77.8,	0.0,	1.2);	(212.1,	-84.8,	0.0,	1.2);
(205.1,	-91.9,	0.0,	1.2);	(198.0,	-99.0,	0.0,	1.2);
(190.9,	-106.1,	0.0,	1.2);	(183.9,	-113.1,	0.0,	1.2);
(176.8,	-120.2,	0.0,	1.2);	(169.7,	-127.3,	0.0,	1.2);
(166.2,	-130.8,	0.0,	1.2);	(162.6,	-134.4,	0.0,	1.2);
(160.5,	-136.5,	0.0,	1.2);	(159.1,	-137.9,	0.0,	1.2);
(157.7,	-139.3,	0.0,	1.2);	(156.3,	-140.7,	0.0,	1.2);
(154.9,	-142.1,	0.0,	1.2);	(142.1,	-154.9,	0.0,	1.2);
(140.7,	-156.3,	0.0,	1.2);	(139.3,	-157.7,	0.0,	1.2);
(137.9,	-159.1,	0.0,	1.2);	(136.5,	-160.5,	0.0,	1.2);
(134.4,	-162.6,	0.0,	1.2);	(130.8,	-166.2,	0.0,	1.2);
(127.3,	-169.7,	0.0,	1.2);	(120.2,	-176.8,	0.0,	1.2);
(113.1,	-183.9,	0.0,	1.2);	(106.1,	-190.9,	0.0,	1.2);
(99.0,	-198.0,	0.0,	1.2);	(91.9,	-205.1,	0.0,	1.2);
(84.8,	-212.1,	0.0,	1.2);	(77.8,	-219.2,	0.0,	1.2);
(226.3,	-84.8,	0.0,	1.2);	(219.2,	-91.9,	0.0,	1.2);
(212.1,	-99.0,	0.0,	1.2);	(205.1,	-106.1,	0.0,	1.2);
(198.0,	-113.1,	0.0,	1.2);	(190.9,	-120.2,	0.0,	1.2);
(183.9,	-127.3,	0.0,	1.2);	(176.8,	-134.4,	0.0,	1.2);
(173.2,	-137.9,	0.0,	1.2);	(169.7,	-141.4,	0.0,	1.2);
(167.6,	-143.5,	0.0,	1.2);	(166.2,	-145.0,	0.0,	1.2);
(164.8,	-146.4,	0.0,	1.2);	(163.3,	-147.8,	0.0,	1.2);
(161.9,	-149.2,	0.0,	1.2);	(149.2,	-161.9,	0.0,	1.2);
(147.8,	-163.3,	0.0,	1.2);	(146.4,	-164.8,	0.0,	1.2);
(145.0,	-166.2,	0.0,	1.2);	(143.5,	-167.6,	0.0,	1.2);
(141.4,	-169.7,	0.0,	1.2);	(137.9,	-173.2,	0.0,	1.2);
(134.4,	-176.8,	0.0,	1.2);	(127.3,	-183.9,	0.0,	1.2);
(120.2,	-190.9,	0.0,	1.2);	(113.1,	-198.0,	0.0,	1.2);
(106.1,	-205.1,	0.0,	1.2);	(99.0,	-212.1,	0.0,	1.2);
(91.9,	-219.2,	0.0,	1.2);	(84.8,	-226.3,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(233.4,	-91.9,	0.0,	1.2);	(226.3,	-99.0,	0.0,	1.2);
(219.2,	-106.1,	0.0,	1.2);	(212.1,	-113.1,	0.0,	1.2);
(205.1,	-120.2,	0.0,	1.2);	(198.0,	-127.3,	0.0,	1.2);
(190.9,	-134.4,	0.0,	1.2);	(183.9,	-141.4,	0.0,	1.2);
(180.3,	-145.0,	0.0,	1.2);	(176.8,	-148.5,	0.0,	1.2);
(174.7,	-150.6,	0.0,	1.2);	(173.2,	-152.0,	0.0,	1.2);
(171.8,	-153.4,	0.0,	1.2);	(170.4,	-154.9,	0.0,	1.2);

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

(169.0,	-156.3,	0.0,	1.2);	(-156.3,	-169.0,	0.0,	1.2);
(154.9,	-170.4,	0.0,	1.2);	(153.4,	-171.8,	0.0,	1.2);
(152.0,	-173.2,	0.0,	1.2);	(150.6,	-174.7,	0.0,	1.2);
(148.5,	-176.8,	0.0,	1.2);	(145.0,	-180.3,	0.0,	1.2);
(141.4,	-183.9,	0.0,	1.2);	(134.4,	-190.9,	0.0,	1.2);
(127.3,	-198.0,	0.0,	1.2);	(120.2,	-205.1,	0.0,	1.2);
(113.1,	-212.1,	0.0,	1.2);	(106.1,	-219.2,	0.0,	1.2);
(99.0,	-226.3,	0.0,	1.2);	(91.9,	-233.4,	0.0,	1.2);
(240.4,	-99.0,	0.0,	1.2);	(233.4,	-106.1,	0.0,	1.2);
(226.3,	-113.1,	0.0,	1.2);	(219.2,	-120.2,	0.0,	1.2);
(212.1,	-127.3,	0.0,	1.2);	(205.1,	-134.4,	0.0,	1.2);
(198.0,	-141.4,	0.0,	1.2);	(190.9,	-148.5,	0.0,	1.2);
(187.4,	-152.0,	0.0,	1.2);	(183.9,	-155.6,	0.0,	1.2);
(181.7,	-157.7,	0.0,	1.2);	(180.3,	-159.1,	0.0,	1.2);
(178.9,	-160.5,	0.0,	1.2);	(177.5,	-161.9,	0.0,	1.2);
(176.1,	-163.3,	0.0,	1.2);	(163.3,	-176.1,	0.0,	1.2);
(161.9,	-177.5,	0.0,	1.2);	(160.5,	-178.9,	0.0,	1.2);
(159.1,	-180.3,	0.0,	1.2);	(157.7,	-181.7,	0.0,	1.2);
(155.6,	-183.9,	0.0,	1.2);	(152.0,	-187.4,	0.0,	1.2);
(148.5,	-190.9,	0.0,	1.2);	(141.4,	-198.0,	0.0,	1.2);
(134.4,	-205.1,	0.0,	1.2);	(127.3,	-212.1,	0.0,	1.2);
(120.2,	-219.2,	0.0,	1.2);	(113.1,	-226.3,	0.0,	1.2);
(106.1,	-233.4,	0.0,	1.2);	(99.0,	-240.4,	0.0,	1.2);
(247.5,	-106.1,	0.0,	1.2);	(240.4,	-113.1,	0.0,	1.2);
(233.4,	-120.2,	0.0,	1.2);	(226.3,	-127.3,	0.0,	1.2);
(219.2,	-134.4,	0.0,	1.2);	(212.1,	-141.4,	0.0,	1.2);
(205.1,	-148.5,	0.0,	1.2);	(198.0,	-155.6,	0.0,	1.2);
(194.4,	-159.1,	0.0,	1.2);	(190.9,	-162.6,	0.0,	1.2);
(188.8,	-164.8,	0.0,	1.2);	(187.4,	-166.2,	0.0,	1.2);
(186.0,	-167.6,	0.0,	1.2);	(184.6,	-169.0,	0.0,	1.2);
(183.1,	-170.4,	0.0,	1.2);	(170.4,	-183.1,	0.0,	1.2);
(169.0,	-184.6,	0.0,	1.2);	(167.6,	-186.0,	0.0,	1.2);
(166.2,	-187.4,	0.0,	1.2);	(164.8,	-188.8,	0.0,	1.2);
(162.6,	-190.9,	0.0,	1.2);	(159.1,	-194.4,	0.0,	1.2);
(155.6,	-198.0,	0.0,	1.2);	(148.5,	-205.1,	0.0,	1.2);
(141.4,	-212.1,	0.0,	1.2);	(134.4,	-219.2,	0.0,	1.2);
(127.3,	-226.3,	0.0,	1.2);	(120.2,	-233.4,	0.0,	1.2);
(113.1,	-240.4,	0.0,	1.2);	(106.1,	-247.5,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
95	01	01	01	162.0	2.68	279.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	02	224.0	3.62	281.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	03	154.0	2.19	280.3	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	04	188.0	2.82	279.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	05	212.0	2.37	280.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	06	136.0	1.83	280.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	07	140.0	1.61	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	08	168.0	1.83	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	09	161.0	2.32	280.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	10	160.0	2.77	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	11	169.0	3.08	281.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	12	182.0	3.04	281.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	13	175.0	3.13	282.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	14	172.0	3.62	282.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	15	169.0	3.08	282.4	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	16	171.0	3.00	282.3	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	17	172.0	2.32	282.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	18	183.0	2.82	281.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	19	177.0	2.46	281.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	20	213.0	1.74	281.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	21	185.0	2.06	281.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	22	252.0	1.52	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	23	191.0	1.16	278.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	24	214.0	1.00	278.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00004	-113.14	240.42	0.00004
-120.21	233.35	0.00004	-127.28	226.27	0.00004
-134.35	219.20	0.00003	-141.42	212.13	0.00003
-148.49	205.06	0.00003	-155.56	197.99	0.00003
-159.10	194.45	0.00003	-162.63	190.92	0.00003
-164.76	188.80	0.00003	-166.17	187.38	0.00003
-167.58	185.97	0.00003	-169.00	184.55	0.00003
-170.41	183.14	0.00003	-183.14	170.41	0.00003
-184.55	169.00	0.00003	-185.97	167.58	0.00003
-187.38	166.17	0.00003	-188.80	164.76	0.00003
-190.92	162.63	0.00003	-194.45	159.10	0.00003
-197.99	155.56	0.00003	-205.06	148.49	0.00003
-212.13	141.42	0.00003	-219.20	134.35	0.00003
-226.27	127.28	0.00003	-233.35	120.21	0.00003
-240.42	113.14	0.00003	-247.49	106.07	0.00003
-98.99	240.42	0.00004	-106.07	233.35	0.00004
-113.14	226.27	0.00004	-120.21	219.20	0.00004

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-127.28	212.13	0.00004	-134.35	205.06	0.00003
-141.42	197.99	0.00003	-148.49	190.92	0.00003
-152.03	187.38	0.00003	-155.56	183.85	0.00003
-157.68	181.73	0.00003	-159.10	180.31	0.00003
-160.51	178.90	0.00003	-161.93	177.48	0.00003
-163.34	176.07	0.00003	-176.07	163.34	0.00003
-177.48	161.93	0.00003	-178.90	160.51	0.00003
-180.31	159.10	0.00003	-181.73	157.68	0.00003
-183.85	155.56	0.00003	-187.38	152.03	0.00003
-190.92	148.49	0.00003	-197.99	141.42	0.00003
-205.06	134.35	0.00003	-212.13	127.28	0.00003
-219.20	120.21	0.00003	-226.27	113.14	0.00003
-233.35	106.07	0.00003	-240.42	98.99	0.00003
-91.92	233.35	0.00005	-99.00	226.27	0.00004
-106.07	219.20	0.00004	-113.14	212.13	0.00004
-120.21	205.06	0.00004	-127.28	197.99	0.00004
-134.35	190.92	0.00003	-141.42	183.85	0.00003
-144.96	180.31	0.00003	-148.49	176.78	0.00003
-150.61	174.66	0.00003	-152.03	173.24	0.00003
-153.44	171.83	0.00003	-154.86	170.41	0.00003
-156.27	169.00	0.00003	-169.00	156.27	0.00003
-170.41	154.86	0.00003	-171.83	153.44	0.00003
-173.24	152.03	0.00003	-174.66	150.61	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00003	-180.31	144.96	0.00003
-183.85	141.42	0.00003	-190.92	134.35	0.00003
-197.99	127.28	0.00003	-205.06	120.21	0.00003
-212.13	113.14	0.00003	-219.20	106.07	0.00003
-226.27	98.99	0.00003	-233.35	91.92	0.00003
-84.85	226.27	0.00005	-91.92	219.20	0.00005
-99.00	212.13	0.00005	-106.07	205.06	0.00004
-113.14	197.99	0.00004	-120.21	190.92	0.00004
-127.28	183.85	0.00004	-134.35	176.78	0.00003
-137.89	173.24	0.00003	-141.42	169.71	0.00003
-143.54	167.58	0.00003	-144.96	166.17	0.00003

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-146.37	164.76	0.00003	-147.79	163.34	0.00003
-149.20	161.93	0.00003	-161.93	149.20	0.00003
-163.34	147.79	0.00003	-164.76	146.37	0.00003
-166.17	144.96	0.00003	-167.58	143.54	0.00003
-169.71	141.42	0.00003	-173.24	137.89	0.00003
-176.78	134.35	0.00003	-183.85	127.28	0.00003
-190.92	120.21	0.00003	-197.99	113.14	0.00003
-205.06	106.07	0.00003	-212.13	98.99	0.00003
-219.20	91.92	0.00003	-226.27	84.85	0.00003
-77.78	219.20	0.00005	-84.85	212.13	0.00005
-91.92	205.06	0.00005	-99.00	197.99	0.00005
-106.07	190.92	0.00004	-113.14	183.85	0.00004
-120.21	176.78	0.00004	-127.28	169.71	0.00004
-130.81	166.17	0.00004	-134.35	162.63	0.00003
-136.47	160.51	0.00003	-137.89	159.10	0.00003
-139.30	157.68	0.00003	-140.71	156.27	0.00003
-142.13	154.86	0.00003	-154.86	142.13	0.00003
-156.27	140.71	0.00003	-157.68	139.30	0.00003
-159.10	137.89	0.00003	-160.51	136.47	0.00003
-162.63	134.35	0.00003	-166.17	130.81	0.00003
-169.71	127.28	0.00003	-176.78	120.21	0.00003
-183.85	113.14	0.00003	-190.92	106.07	0.00003
-197.99	98.99	0.00003	-205.06	91.92	0.00004
-212.13	84.85	0.00004	-219.20	77.78	0.00004
-70.71	212.13	0.00006	-77.78	205.06	0.00005
-84.85	197.99	0.00005	-91.92	190.92	0.00005
-98.99	183.85	0.00005	-106.07	176.78	0.00004
-113.14	169.71	0.00004	-120.21	162.63	0.00004
-123.74	159.10	0.00004	-127.28	155.56	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00004	-130.81	152.03	0.00004
-132.23	150.61	0.00004	-133.64	149.20	0.00004
-135.06	147.79	0.00003	-147.79	135.06	0.00003
-149.20	133.64	0.00003	-150.61	132.23	0.00003
-152.03	130.81	0.00003	-153.44	129.40	0.00003

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-155.56	127.28	0.00003	-159.10	123.74	0.00003
-162.63	120.21	0.00003	-169.71	113.14	0.00004
-176.78	106.07	0.00004	-183.85	98.99	0.00004
-190.92	91.92	0.00004	-197.99	84.85	0.00004
-205.06	77.78	0.00004	-212.13	70.71	0.00004
-63.64	205.06	0.00006	-70.71	197.99	0.00006
-77.78	190.92	0.00005	-84.85	183.85	0.00005
-91.92	176.78	0.00005	-98.99	169.71	0.00005
-106.07	162.63	0.00004	-113.14	155.56	0.00004
-116.67	152.03	0.00004	-120.21	148.49	0.00004
-122.33	146.37	0.00004	-123.74	144.96	0.00004
-125.16	143.54	0.00004	-126.57	142.13	0.00004
-127.99	140.71	0.00004	-140.71	127.99	0.00004
-142.13	126.57	0.00004	-143.54	125.16	0.00004
-144.96	123.74	0.00004	-146.37	122.33	0.00004
-148.49	120.21	0.00004	-152.03	116.67	0.00004
-155.56	113.14	0.00004	-162.63	106.07	0.00004
-169.71	98.99	0.00004	-176.78	91.92	0.00004
-183.85	84.85	0.00004	-190.92	77.78	0.00004
-197.99	70.71	0.00004	-205.06	63.64	0.00004
-56.57	197.99	0.00007	-63.64	190.92	0.00006
-70.71	183.85	0.00006	-77.78	176.78	0.00005
-84.85	169.71	0.00005	-91.92	162.63	0.00005
-98.99	155.56	0.00005	-106.07	148.49	0.00004
-109.60	144.96	0.00004	-113.14	141.42	0.00004
-115.26	139.30	0.00004	-116.67	137.89	0.00004
-118.09	136.47	0.00004	-119.50	135.06	0.00004
-120.92	133.64	0.00004	-133.64	120.92	0.00004
-135.06	119.50	0.00004	-136.47	118.09	0.00004
-137.89	116.67	0.00004	-139.30	115.26	0.00004
-141.42	113.14	0.00004	-144.96	109.60	0.00004
-148.49	106.07	0.00004	-155.56	98.99	0.00004
-162.63	91.92	0.00004	-169.71	84.85	0.00004
-176.78	77.78	0.00004	-183.85	70.71	0.00004
-190.92	63.64	0.00004	-197.99	56.57	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at SE/NW Bound Direction ***
 18:40:16
 **MODELOPTS:
 PAGE 26
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

17NCRA NAPA95-300_DPM_TRAV_ANN_SE-NW Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00007	-56.57	183.85	0.00007
-63.64	176.78	0.00006	-70.71	169.71	0.00006
-77.78	162.63	0.00005	-84.85	155.56	0.00005
-91.92	148.49	0.00005	-98.99	141.42	0.00005
-102.53	137.89	0.00004	-106.07	134.35	0.00004
-108.19	132.23	0.00004	-109.60	130.81	0.00004
-111.02	129.40	0.00004	-112.43	127.99	0.00004
-113.84	126.57	0.00004	-126.57	113.84	0.00004
-127.99	112.43	0.00004	-129.40	111.02	0.00004
-130.81	109.60	0.00004	-132.23	108.19	0.00004
-134.35	106.07	0.00004	-137.89	102.53	0.00004
-141.42	98.99	0.00004	-148.49	91.92	0.00004
-155.56	84.85	0.00004	-162.63	77.78	0.00004
-169.71	70.71	0.00004	-176.78	63.64	0.00004
-183.85	56.57	0.00004	-190.92	49.50	0.00005
-42.43	183.85	0.00008	-49.50	176.78	0.00007
-56.57	169.71	0.00007	-63.64	162.63	0.00006
-70.71	155.56	0.00006	-77.78	148.49	0.00005
-84.85	141.42	0.00005	-91.92	134.35	0.00005
-95.46	130.81	0.00005	-98.99	127.28	0.00005
-101.12	125.16	0.00004	-102.53	123.74	0.00004
-103.94	122.33	0.00004	-105.36	120.92	0.00004
-106.77	119.50	0.00004	-119.50	106.77	0.00004
-120.92	105.36	0.00004	-122.33	103.94	0.00004
-123.74	102.53	0.00004	-125.16	101.12	0.00004
-127.28	98.99	0.00004	-130.81	95.46	0.00004
-134.35	91.92	0.00004	-141.42	84.85	0.00004
-148.49	77.78	0.00004	-155.56	70.71	0.00004
-162.63	63.64	0.00005	-169.71	56.57	0.00005
-176.78	49.50	0.00005	-183.85	42.43	0.00005
-35.36	176.78	0.00008	-42.43	169.71	0.00008
-49.50	162.63	0.00007	-56.57	155.56	0.00007
-63.64	148.49	0.00006	-70.71	141.42	0.00006
-77.78	134.35	0.00005	-84.85	127.28	0.00005
-88.39	123.74	0.00005	-91.92	120.21	0.00005
-94.05	118.09	0.00005	-95.46	116.67	0.00005
-96.87	115.26	0.00005	-98.29	113.84	0.00005
-99.70	112.43	0.00005	-112.43	99.70	0.00004
-113.84	98.29	0.00004	-115.26	96.87	0.00004
-116.67	95.46	0.00004	-118.09	94.05	0.00004

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:40:16
**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00004	-123.74	88.39	0.00004
-127.28	84.85	0.00005	-134.35	77.78	0.00005
-141.42	70.71	0.00005	-148.49	63.64	0.00005
-155.56	56.57	0.00005	-162.63	49.50	0.00005
-169.71	42.43	0.00005	-176.78	35.36	0.00005
-28.28	169.71	0.00009	-35.36	162.63	0.00008
-42.43	155.56	0.00008	-49.50	148.49	0.00007
-56.57	141.42	0.00007	-63.64	134.35	0.00006
-70.71	127.28	0.00006	-77.78	120.21	0.00005
-81.32	116.67	0.00005	-84.85	113.14	0.00005
-86.97	111.02	0.00005	-88.39	109.60	0.00005
-89.80	108.19	0.00005	-91.22	106.77	0.00005
-92.63	105.36	0.00005	-105.36	92.63	0.00005
-106.77	91.22	0.00005	-108.19	89.80	0.00005
-109.60	88.39	0.00005	-111.02	86.97	0.00005
-113.14	84.85	0.00005	-116.67	81.32	0.00005
-120.21	77.78	0.00005	-127.28	70.71	0.00005
-134.35	63.64	0.00005	-141.42	56.57	0.00005
-148.49	49.50	0.00005	-155.56	42.43	0.00005
-162.63	35.36	0.00005	-169.71	28.28	0.00005
-21.21	162.63	0.00010	-28.28	155.56	0.00009
-35.36	148.49	0.00008	-42.43	141.42	0.00008
-49.50	134.35	0.00007	-56.57	127.28	0.00007
-63.64	120.21	0.00006	-70.71	113.14	0.00006
-74.25	109.60	0.00006	-77.78	106.07	0.00005
-79.90	103.94	0.00005	-81.32	102.53	0.00005
-82.73	101.12	0.00005	-84.15	99.70	0.00005
-85.56	98.29	0.00005	-98.29	85.56	0.00005
-99.70	84.15	0.00005	-101.12	82.73	0.00005
-102.53	81.32	0.00005	-103.94	79.90	0.00005
-106.07	77.78	0.00005	-109.60	74.25	0.00005
-113.14	70.71	0.00005	-120.21	63.64	0.00005
-127.28	56.57	0.00005	-134.35	49.50	0.00005
-141.42	42.43	0.00005	-148.49	35.36	0.00006
-155.56	28.28	0.00006	-162.63	21.21	0.00006
-14.14	155.56	0.00011	-21.21	148.49	0.00010
-28.28	141.42	0.00009	-35.36	134.35	0.00008

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-42.43	127.28	0.00008	-49.50	120.21	0.00007
-56.57	113.14	0.00007	-63.64	106.07	0.00006
-67.18	102.53	0.00006	-70.71	98.99	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00006	-74.25	95.46	0.00006
-75.66	94.05	0.00006	-77.07	92.63	0.00006
-78.49	91.22	0.00005	-91.22	78.49	0.00005
-92.63	77.07	0.00005	-94.05	75.66	0.00005
-95.46	74.25	0.00005	-96.87	72.83	0.00005
-98.99	70.71	0.00005	-102.53	67.18	0.00005
-106.07	63.64	0.00005	-113.14	56.57	0.00006
-120.21	49.50	0.00006	-127.28	42.43	0.00006
-134.35	35.36	0.00006	-141.42	28.28	0.00006
-148.49	21.21	0.00006	-155.56	14.14	0.00006
-7.07	148.49	0.00012	-14.14	141.42	0.00011
-21.21	134.35	0.00010	-28.28	127.28	0.00009
-35.36	120.21	0.00008	-42.43	113.14	0.00008
-49.50	106.07	0.00007	-56.57	98.99	0.00007
-60.10	95.46	0.00006	-63.64	91.92	0.00006
-65.76	89.80	0.00006	-67.18	88.39	0.00006
-68.59	86.97	0.00006	-70.00	85.56	0.00006
-71.42	84.15	0.00006	-84.15	71.42	0.00006
-85.56	70.00	0.00006	-86.97	68.59	0.00006
-88.39	67.18	0.00006	-89.80	65.76	0.00006
-91.92	63.64	0.00006	-95.46	60.10	0.00006
-98.99	56.57	0.00006	-106.07	49.50	0.00006
-113.14	42.43	0.00006	-120.21	35.36	0.00006
-127.28	28.28	0.00006	-134.35	21.21	0.00006
-141.42	14.14	0.00007	-148.49	7.07	0.00007
0.00	141.42	0.00013	-7.07	134.35	0.00012
-14.14	127.28	0.00011	-21.21	120.21	0.00010
-28.28	113.14	0.00009	-35.36	106.07	0.00008
-42.43	98.99	0.00008	-49.50	91.92	0.00007
-53.03	88.39	0.00007	-56.57	84.85	0.00007
-58.69	82.73	0.00007	-60.10	81.32	0.00006

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-61.52	79.90	0.00006	-62.93	78.49	0.00006
-64.35	77.07	0.00006	-77.07	64.35	0.00006
-78.49	62.93	0.00006	-79.90	61.52	0.00006
-81.32	60.10	0.00006	-82.73	58.69	0.00006
-84.85	56.57	0.00006	-88.39	53.03	0.00006
-91.92	49.50	0.00006	-98.99	42.43	0.00006
-106.07	35.36	0.00006	-113.14	28.28	0.00007
-120.21	21.21	0.00007	-127.28	14.14	0.00007
-134.35	7.07	0.00007	-141.42	0.00	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00014	0.00	127.28	0.00013
-7.07	120.21	0.00012	-14.14	113.14	0.00011
-21.21	106.07	0.00010	-28.28	98.99	0.00009
-35.36	91.92	0.00008	-42.43	84.85	0.00008
-45.96	81.32	0.00007	-49.50	77.78	0.00007
-51.62	75.66	0.00007	-53.03	74.25	0.00007
-54.45	72.83	0.00007	-55.86	71.42	0.00007
-57.28	70.00	0.00007	-70.00	57.28	0.00006
-71.42	55.86	0.00006	-72.83	54.45	0.00006
-74.25	53.03	0.00006	-75.66	51.62	0.00006
-77.78	49.50	0.00007	-81.32	45.96	0.00007
-84.85	42.43	0.00007	-91.92	35.36	0.00007
-98.99	28.28	0.00007	-106.07	21.21	0.00007
-113.14	14.14	0.00007	-120.21	7.07	0.00007
-127.28	0.00	0.00008	-134.35	-7.07	0.00008
14.14	127.28	0.00016	7.07	120.21	0.00014
0.00	113.14	0.00013	-7.07	106.07	0.00012
-14.14	98.99	0.00011	-21.21	91.92	0.00010
-28.28	84.85	0.00009	-35.36	77.78	0.00008
-38.89	74.25	0.00008	-42.43	70.71	0.00008
-44.55	68.59	0.00008	-45.96	67.18	0.00007
-47.38	65.76	0.00007	-48.79	64.35	0.00007
-50.20	62.93	0.00007	-62.93	50.20	0.00007
-64.35	48.79	0.00007	-65.76	47.38	0.00007
-67.18	45.96	0.00007	-68.59	44.55	0.00007

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	42.43	0.00007	-74.25	38.89	0.00007
-77.78	35.36	0.00007	-84.85	28.28	0.00007
-91.92	21.21	0.00007	-98.99	14.14	0.00008
-106.07	7.07	0.00008	-113.14	0.00	0.00008
-120.21	-7.07	0.00008	-127.28	-14.14	0.00009
21.21	120.21	0.00017	14.14	113.14	0.00016
7.07	106.07	0.00015	0.00	98.99	0.00013
-7.07	91.92	0.00012	-14.14	84.85	0.00011
-21.21	77.78	0.00010	-28.28	70.71	0.00009
-31.82	67.18	0.00009	-35.36	63.64	0.00008
-37.48	61.52	0.00008	-38.89	60.10	0.00008
-40.31	58.69	0.00008	-41.72	57.28	0.00008
-43.13	55.86	0.00008	-55.86	43.13	0.00007
-57.28	41.72	0.00007	-58.69	40.31	0.00007
-60.10	38.89	0.00007	-61.52	37.48	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00008	-67.18	31.82	0.00008
-70.71	28.28	0.00008	-77.78	21.21	0.00008
-84.85	14.14	0.00008	-91.92	7.07	0.00008
-98.99	0.00	0.00008	-106.07	-7.07	0.00009
-113.14	-14.14	0.00009	-120.21	-21.21	0.00010
28.28	113.14	0.00020	21.21	106.07	0.00018
14.14	98.99	0.00016	7.07	91.92	0.00015
0.00	84.85	0.00013	-7.07	77.78	0.00012
-14.14	70.71	0.00011	-21.21	63.64	0.00010
-24.75	60.10	0.00010	-28.28	56.57	0.00009
-30.41	54.45	0.00009	-31.82	53.03	0.00009
-33.23	51.62	0.00009	-34.65	50.20	0.00009
-36.06	48.79	0.00008	-48.79	36.06	0.00008
-50.20	34.65	0.00008	-51.62	33.23	0.00008
-53.03	31.82	0.00008	-54.45	30.41	0.00008
-56.57	28.28	0.00008	-60.10	24.75	0.00008
-63.64	21.21	0.00008	-70.71	14.14	0.00009
-77.78	7.07	0.00009	-84.85	0.00	0.00009
-91.92	-7.07	0.00009	-98.99	-14.14	0.00010

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	-21.21	0.00010	-113.14	-28.28	0.00011
35.36	106.07	0.00022	28.28	98.99	0.00020
21.21	91.92	0.00018	14.14	84.85	0.00017
7.07	77.78	0.00015	0.00	70.71	0.00013
-7.07	63.64	0.00012	-14.14	56.57	0.00011
-17.68	53.03	0.00010	-21.21	49.50	0.00010
-23.33	47.38	0.00010	-24.75	45.96	0.00010
-26.16	44.55	0.00009	-27.58	43.13	0.00009
-28.99	41.72	0.00009	-41.72	28.99	0.00009
-43.13	27.58	0.00009	-44.55	26.16	0.00009
-45.96	24.75	0.00009	-47.38	23.33	0.00009
-49.50	21.21	0.00009	-53.03	17.68	0.00009
-56.57	14.14	0.00009	-63.64	7.07	0.00009
-70.71	0.00	0.00009	-77.78	-7.07	0.00010
-84.85	-14.14	0.00010	-91.92	-21.21	0.00011
-98.99	-28.28	0.00011	-106.07	-35.36	0.00012
42.43	98.99	0.00025	35.36	91.92	0.00023
28.28	84.85	0.00021	21.21	77.78	0.00019
14.14	70.71	0.00017	7.07	63.64	0.00015
0.00	56.57	0.00013	-7.07	49.50	0.00012
-10.61	45.96	0.00011	-14.14	42.43	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00011	-17.68	38.89	0.00010
-19.09	37.48	0.00010	-20.51	36.06	0.00010
-21.92	34.65	0.00010	-34.65	21.92	0.00009
-36.06	20.51	0.00009	-37.48	19.09	0.00010
-38.89	17.68	0.00010	-40.31	16.26	0.00010
-42.43	14.14	0.00010	-45.96	10.61	0.00010
-49.50	7.07	0.00010	-56.57	0.00	0.00010
-63.64	-7.07	0.00010	-70.71	-14.14	0.00011
-77.78	-21.21	0.00011	-84.85	-28.28	0.00012
-91.92	-35.36	0.00012	-98.99	-42.43	0.00013
49.50	91.92	0.00028	42.43	84.85	0.00026
35.36	77.78	0.00024	28.28	70.71	0.00021
21.21	63.64	0.00019	14.14	56.57	0.00017

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

7.07	49.50	0.00015	0.00	42.43	0.00013
-3.54	38.89	0.00013	-7.07	35.36	0.00012
-9.19	33.23	0.00012	-10.61	31.82	0.00011
-12.02	30.41	0.00011	-13.44	28.99	0.00011
-14.85	27.58	0.00011	-27.58	14.85	0.00010
-28.99	13.44	0.00010	-30.41	12.02	0.00010
-31.82	10.61	0.00010	-33.23	9.19	0.00010
-35.36	7.07	0.00011	-38.89	3.54	0.00011
-42.43	0.00	0.00011	-49.50	-7.07	0.00011
-56.57	-14.14	0.00011	-63.64	-21.21	0.00012
-70.71	-28.28	0.00012	-77.78	-35.36	0.00013
-84.85	-42.43	0.00014	-91.92	-49.50	0.00015
56.57	84.85	0.00032	49.50	77.78	0.00030
42.43	70.71	0.00027	35.36	63.64	0.00024
28.28	56.57	0.00022	21.21	49.50	0.00019
14.14	42.43	0.00017	7.07	35.36	0.00015
3.54	31.82	0.00014	0.00	28.28	0.00013
-2.12	26.16	0.00013	-3.54	24.75	0.00013
-4.95	23.33	0.00012	-6.36	21.92	0.00012
-7.78	20.51	0.00012	-20.51	7.78	0.00011
-21.92	6.36	0.00011	-23.33	4.95	0.00011
-24.75	3.54	0.00011	-26.16	2.12	0.00011
-28.28	0.00	0.00012	-31.82	-3.54	0.00012
-35.36	-7.07	0.00012	-42.43	-14.14	0.00012
-49.50	-21.21	0.00013	-56.57	-28.28	0.00013
-63.64	-35.36	0.00014	-70.71	-42.43	0.00015
-77.78	-49.50	0.00016	-84.85	-56.57	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00036	56.57	70.71	0.00034
49.50	63.64	0.00031	42.43	56.57	0.00028
35.36	49.50	0.00025	28.28	42.43	0.00022
21.21	35.36	0.00019	14.14	28.28	0.00017
10.61	24.75	0.00016	7.07	21.21	0.00015
4.95	19.09	0.00014	3.54	17.68	0.00014
2.12	16.26	0.00014	0.71	14.85	0.00014

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-0.71	13.44	0.00013	-13.44	0.71	0.00012
-14.85	-0.71	0.00013	-16.26	-2.12	0.00013
-17.68	-3.54	0.00013	-19.09	-4.95	0.00013
-21.21	-7.07	0.00013	-24.75	-10.61	0.00013
-28.28	-14.14	0.00013	-35.36	-21.21	0.00014
-42.43	-28.28	0.00014	-49.50	-35.36	0.00015
-56.57	-42.43	0.00016	-63.64	-49.50	0.00017
-70.71	-56.57	0.00018	-77.78	-63.64	0.00018
70.71	70.71	0.00041	63.64	63.64	0.00039
56.57	56.57	0.00036	49.50	49.50	0.00033
42.43	42.43	0.00029	35.36	35.36	0.00025
28.28	28.28	0.00022	21.21	21.21	0.00019
17.68	17.68	0.00018	14.14	14.14	0.00017
12.02	12.02	0.00016	10.61	10.61	0.00016
9.19	9.19	0.00015	7.78	7.78	0.00015
6.36	6.36	0.00015	-6.36	-6.36	0.00014
-7.78	-7.78	0.00014	-9.19	-9.19	0.00014
-10.61	-10.61	0.00014	-12.02	-12.02	0.00014
-14.14	-14.14	0.00014	-17.68	-17.68	0.00014
-21.21	-21.21	0.00015	-28.28	-28.28	0.00015
-35.36	-35.36	0.00016	-42.43	-42.43	0.00017
-49.50	-49.50	0.00018	-56.57	-56.57	0.00019
-63.64	-63.64	0.00020	-70.71	-70.71	0.00020
77.78	63.64	0.00047	70.71	56.57	0.00045
63.64	49.50	0.00042	56.57	42.43	0.00039
49.50	35.36	0.00034	42.43	28.28	0.00030
35.36	21.21	0.00026	28.28	14.14	0.00022
24.75	10.61	0.00020	21.21	7.07	0.00019
19.09	4.95	0.00018	17.68	3.54	0.00018
16.26	2.12	0.00017	14.85	0.71	0.00017
13.44	-0.71	0.00017	0.71	-13.44	0.00015
-0.71	-14.85	0.00015	-2.12	-16.26	0.00016
-3.54	-17.68	0.00016	-4.95	-19.09	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00016	-10.61	-24.75	0.00016

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-14.14	-28.28	0.00016	-21.21	-35.36	0.00017
-28.28	-42.43	0.00018	-35.36	-49.50	0.00019
-42.43	-56.57	0.00020	-49.50	-63.64	0.00022
-56.57	-70.71	0.00022	-63.64	-77.78	0.00023
84.85	56.57	0.00054	77.78	49.50	0.00052
70.71	42.43	0.00050	63.64	35.36	0.00046
56.57	28.28	0.00041	49.50	21.21	0.00035
42.43	14.14	0.00030	35.36	7.07	0.00026
31.82	3.54	0.00024	28.28	0.00	0.00022
26.16	-2.12	0.00021	24.75	-3.54	0.00020
23.33	-4.95	0.00020	21.92	-6.36	0.00019
20.51	-7.78	0.00019	7.78	-20.51	0.00017
6.36	-21.92	0.00017	4.95	-23.33	0.00017
3.54	-24.75	0.00018	2.12	-26.16	0.00018
0.00	-28.28	0.00018	-3.54	-31.82	0.00018
-7.07	-35.36	0.00018	-14.14	-42.43	0.00019
-21.21	-49.50	0.00021	-28.28	-56.57	0.00022
-35.36	-63.64	0.00024	-42.43	-70.71	0.00025
-49.50	-77.78	0.00025	-56.57	-84.85	0.00025
91.92	49.50	0.00062	84.85	42.43	0.00061
77.78	35.36	0.00058	70.71	28.28	0.00054
63.64	21.21	0.00049	56.57	14.14	0.00042
49.50	7.07	0.00036	42.43	0.00	0.00030
38.89	-3.54	0.00027	35.36	-7.07	0.00025
33.23	-9.19	0.00024	31.82	-10.61	0.00023
30.41	-12.02	0.00023	28.99	-13.44	0.00022
27.58	-14.85	0.00021	14.85	-27.58	0.00020
13.44	-28.99	0.00020	12.02	-30.41	0.00020
10.61	-31.82	0.00020	9.19	-33.23	0.00020
7.07	-35.36	0.00020	3.54	-38.89	0.00021
0.00	-42.43	0.00021	-7.07	-49.50	0.00022
-14.14	-56.57	0.00024	-21.21	-63.64	0.00026
-28.28	-70.71	0.00027	-35.36	-77.78	0.00028
-42.43	-84.85	0.00029	-49.50	-91.92	0.00029
98.99	42.43	0.00070	91.92	35.36	0.00070
84.85	28.28	0.00069	77.78	21.21	0.00065
70.71	14.14	0.00059	63.64	7.07	0.00052
56.57	0.00	0.00044	49.50	-7.07	0.00036
45.96	-10.61	0.00033	42.43	-14.14	0.00030

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:40:16

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00028	38.89	-17.68	0.00027
37.48	-19.09	0.00026	36.06	-20.51	0.00025
34.65	-21.92	0.00025	21.92	-34.65	0.00022
20.51	-36.06	0.00022	19.09	-37.48	0.00022
17.68	-38.89	0.00023	16.26	-40.31	0.00023
14.14	-42.43	0.00023	10.61	-45.96	0.00024
7.07	-49.50	0.00024	0.00	-56.57	0.00026
-7.07	-63.64	0.00028	-14.14	-70.71	0.00030
-21.21	-77.78	0.00032	-28.28	-84.85	0.00032
-35.36	-91.92	0.00033	-42.43	-98.99	0.00032
106.07	35.36	0.00079	98.99	28.28	0.00081
91.92	21.21	0.00081	84.85	14.14	0.00078
77.78	7.07	0.00072	70.71	0.00	0.00064
63.64	-7.07	0.00054	56.57	-14.14	0.00044
53.03	-17.68	0.00039	49.50	-21.21	0.00035
47.38	-23.33	0.00033	45.96	-24.75	0.00032
44.55	-26.16	0.00031	43.13	-27.58	0.00030
41.72	-28.99	0.00029	28.99	-41.72	0.00026
27.58	-43.13	0.00026	26.16	-44.55	0.00026
24.75	-45.96	0.00026	23.33	-47.38	0.00026
21.21	-49.50	0.00027	17.68	-53.03	0.00027
14.14	-56.57	0.00028	7.07	-63.64	0.00031
0.00	-70.71	0.00033	-7.07	-77.78	0.00036
-14.14	-84.85	0.00037	-21.21	-91.92	0.00037
-28.28	-98.99	0.00037	-35.36	-106.07	0.00037
113.14	28.28	0.00089	106.07	21.21	0.00093
98.99	14.14	0.00095	91.92	7.07	0.00094
84.85	0.00	0.00089	77.78	-7.07	0.00080
70.71	-14.14	0.00068	63.64	-21.21	0.00055
60.10	-24.75	0.00048	56.57	-28.28	0.00043
54.45	-30.41	0.00040	53.03	-31.82	0.00038
51.62	-33.23	0.00037	50.20	-34.65	0.00035
48.79	-36.06	0.00034	36.06	-48.79	0.00030
34.65	-50.20	0.00030	33.23	-51.62	0.00030
31.82	-53.03	0.00030	30.41	-54.45	0.00031
28.28	-56.57	0.00031	24.75	-60.10	0.00032
21.21	-63.64	0.00033	14.14	-70.71	0.00037
7.07	-77.78	0.00040	0.00	-84.85	0.00042
-7.07	-91.92	0.00043	-14.14	-98.99	0.00044

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-21.21 -106.07 0.00043 -28.28 -113.14 0.00042

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00098	113.14	14.14	0.00105
106.07	7.07	0.00110	98.99	0.00	0.00112
91.92	-7.07	0.00110	84.85	-14.14	0.00102
77.78	-21.21	0.00088	70.71	-28.28	0.00070
67.18	-31.82	0.00062	63.64	-35.36	0.00054
61.52	-37.48	0.00049	60.10	-38.89	0.00047
58.69	-40.31	0.00044	57.28	-41.72	0.00042
55.86	-43.13	0.00040	43.13	-55.86	0.00035
41.72	-57.28	0.00035	40.31	-58.69	0.00035
38.89	-60.10	0.00036	37.48	-61.52	0.00036
35.36	-63.64	0.00037	31.82	-67.18	0.00039
28.28	-70.71	0.00041	21.21	-77.78	0.00045
14.14	-84.85	0.00049	7.07	-91.92	0.00051
0.00	-98.99	0.00051	-7.07	-106.07	0.00051
-14.14	-113.14	0.00050	-21.21	-120.21	0.00048
127.28	14.14	0.00108	120.21	7.07	0.00117
113.14	0.00	0.00126	106.07	-7.07	0.00132
98.99	-14.14	0.00134	91.92	-21.21	0.00129
84.85	-28.28	0.00116	77.78	-35.36	0.00094
74.25	-38.89	0.00081	70.71	-42.43	0.00069
68.59	-44.55	0.00063	67.18	-45.96	0.00059
65.76	-47.38	0.00056	64.35	-48.79	0.00052
62.93	-50.20	0.00049	50.20	-62.93	0.00041
48.79	-64.35	0.00042	47.38	-65.76	0.00042
45.96	-67.18	0.00043	44.55	-68.59	0.00044
42.43	-70.71	0.00045	38.89	-74.25	0.00047
35.36	-77.78	0.00050	28.28	-84.85	0.00056
21.21	-91.92	0.00059	14.14	-98.99	0.00061
7.07	-106.07	0.00061	0.00	-113.14	0.00059
-7.07	-120.21	0.00058	-14.14	-127.28	0.00056
134.35	7.07	0.00117	127.28	0.00	0.00129
120.21	-7.07	0.00142	113.14	-14.14	0.00153
106.07	-21.21	0.00162	98.99	-28.28	0.00163

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

91.92	-35.36	0.00154	84.85	-42.43	0.00130
81.32	-45.96	0.00113	77.78	-49.50	0.00095
75.66	-51.62	0.00084	74.25	-53.03	0.00078
72.83	-54.45	0.00072	71.42	-55.86	0.00067
70.00	-57.28	0.00062	57.28	-70.00	0.00050
55.86	-71.42	0.00051	54.45	-72.83	0.00051
53.03	-74.25	0.00052	51.62	-75.66	0.00054

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00056	45.96	-81.32	0.00060
42.43	-84.85	0.00064	35.36	-91.92	0.00070
28.28	-98.99	0.00073	21.21	-106.07	0.00074
14.14	-113.14	0.00073	7.07	-120.21	0.00070
0.00	-127.28	0.00068	-7.07	-134.35	0.00065
141.42	0.00	0.00124	134.35	-7.07	0.00140
127.28	-14.14	0.00157	120.21	-21.21	0.00174
113.14	-28.28	0.00190	106.07	-35.36	0.00202
98.99	-42.43	0.00203	91.92	-49.50	0.00183
88.39	-53.03	0.00163	84.85	-56.57	0.00137
82.73	-58.69	0.00120	81.32	-60.10	0.00110
79.90	-61.52	0.00100	78.49	-62.93	0.00090
77.07	-64.35	0.00082	64.35	-77.07	0.00061
62.93	-78.49	0.00063	61.52	-79.90	0.00064
60.10	-81.32	0.00066	58.69	-82.73	0.00068
56.57	-84.85	0.00072	53.03	-88.39	0.00078
49.50	-91.92	0.00082	42.43	-98.99	0.00089
35.36	-106.07	0.00091	28.28	-113.14	0.00090
21.21	-120.21	0.00088	14.14	-127.28	0.00084
7.07	-134.35	0.00080	0.00	-141.42	0.00075
148.49	-7.07	0.00129	141.42	-14.14	0.00148
134.35	-21.21	0.00170	127.28	-28.28	0.00194
120.21	-35.36	0.00218	113.14	-42.43	0.00242
106.07	-49.50	0.00258	98.99	-56.57	0.00256
95.46	-60.10	0.00240	91.92	-63.64	0.00211
89.80	-65.76	0.00187	88.39	-67.18	0.00170
86.97	-68.59	0.00151	85.56	-70.00	0.00134

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

84.15	-71.42	0.00118	71.42	-84.15	0.00078
70.00	-85.56	0.00080	68.59	-86.97	0.00084
67.18	-88.39	0.00087	65.76	-89.80	0.00091
63.64	-91.92	0.00096	60.10	-95.46	0.00103
56.57	-98.99	0.00108	49.50	-106.07	0.00114
42.43	-113.14	0.00115	35.36	-120.21	0.00112
28.28	-127.28	0.00106	21.21	-134.35	0.00100
14.14	-141.42	0.00093	7.07	-148.49	0.00086
155.56	-14.14	0.00132	148.49	-21.21	0.00154
141.42	-28.28	0.00179	134.35	-35.36	0.00209
127.28	-42.43	0.00242	120.21	-49.50	0.00278
113.14	-56.57	0.00313	106.07	-63.64	0.00337
102.53	-67.18	0.00340	98.99	-70.71	0.00326

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 37

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00306	95.46	-74.25	0.00285
94.05	-75.66	0.00260	92.63	-77.07	0.00230
91.22	-78.49	0.00197	78.49	-91.22	0.00105
77.07	-92.63	0.00110	75.66	-94.05	0.00116
74.25	-95.46	0.00121	72.83	-96.87	0.00126
70.71	-98.99	0.00132	67.18	-102.53	0.00140
63.64	-106.07	0.00146	56.57	-113.14	0.00150
49.50	-120.21	0.00145	42.43	-127.28	0.00137
35.36	-134.35	0.00127	28.28	-141.42	0.00117
21.21	-148.49	0.00107	14.14	-155.56	0.00097
162.63	-21.21	0.00133	155.56	-28.28	0.00157
148.49	-35.36	0.00185	141.42	-42.43	0.00219
134.35	-49.50	0.00260	127.28	-56.57	0.00307
120.21	-63.64	0.00359	113.14	-70.71	0.00411
109.60	-74.25	0.00434	106.07	-77.78	0.00449
103.94	-79.90	0.00450	102.53	-81.32	0.00446
101.12	-82.73	0.00437	99.70	-84.15	0.00418
98.29	-85.56	0.00386	85.56	-98.29	0.00164
84.15	-99.70	0.00171	82.73	-101.12	0.00178
81.32	-102.53	0.00183	79.90	-103.94	0.00187
77.78	-106.07	0.00192	74.25	-109.60	0.00196

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

70.71	-113.14	0.00198	63.64	-120.21	0.00192
56.57	-127.28	0.00180	49.50	-134.35	0.00165
42.43	-141.42	0.00150	35.36	-148.49	0.00135
28.28	-155.56	0.00122	21.21	-162.63	0.00110
169.71	-28.28	0.00132	162.63	-35.36	0.00156
155.56	-42.43	0.00187	148.49	-49.50	0.00224
141.42	-56.57	0.00271	134.35	-63.64	0.00326
127.28	-70.71	0.00391	120.21	-77.78	0.00463
116.67	-81.32	0.00500	113.14	-84.85	0.00533
111.02	-86.97	0.00547	109.60	-88.39	0.00553
108.19	-89.80	0.00555	106.77	-91.22	0.00560
105.36	-92.63	0.00556	92.63	-105.36	0.00304
91.22	-106.77	0.00291	89.80	-108.19	0.00284
88.39	-109.60	0.00278	86.97	-111.02	0.00275
84.85	-113.14	0.00271	81.32	-116.67	0.00265
77.78	-120.21	0.00258	70.71	-127.28	0.00240
63.64	-134.35	0.00218	56.57	-141.42	0.00195
49.50	-148.49	0.00173	42.43	-155.56	0.00154
35.36	-162.63	0.00137	28.28	-169.71	0.00122

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00128	169.71	-42.43	0.00152
162.63	-49.50	0.00183	155.56	-56.57	0.00222
148.49	-63.64	0.00272	141.42	-70.71	0.00334
134.35	-77.78	0.00408	127.28	-84.85	0.00491
123.74	-88.39	0.00533	120.21	-91.92	0.00572
118.09	-94.05	0.00588	116.67	-95.46	0.00594
115.26	-96.87	0.00595	113.84	-98.29	0.00595
112.43	-99.70	0.00591	99.70	-112.43	0.00388
98.29	-113.84	0.00378	96.87	-115.26	0.00370
95.46	-116.67	0.00363	94.05	-118.09	0.00357
91.92	-120.21	0.00347	88.39	-123.74	0.00332
84.85	-127.28	0.00317	77.78	-134.35	0.00285
70.71	-141.42	0.00253	63.64	-148.49	0.00222
56.57	-155.56	0.00195	49.50	-162.63	0.00171
42.43	-169.71	0.00150	35.36	-176.78	0.00133

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

183.85	-42.43	0.00122	176.78	-49.50	0.00145
169.71	-56.57	0.00175	162.63	-63.64	0.00214
155.56	-70.71	0.00265	148.49	-77.78	0.00329
141.42	-84.85	0.00408	134.35	-91.92	0.00498
130.81	-95.46	0.00542	127.28	-98.99	0.00582
125.16	-101.12	0.00600	123.74	-102.53	0.00607
122.33	-103.94	0.00610	120.92	-105.36	0.00608
119.50	-106.77	0.00605	106.77	-119.50	0.00428
105.36	-120.92	0.00419	103.94	-122.33	0.00413
102.53	-123.74	0.00407	101.12	-125.16	0.00402
98.99	-127.28	0.00395	95.46	-130.81	0.00382
91.92	-134.35	0.00366	84.85	-141.42	0.00325
77.78	-148.49	0.00284	70.71	-155.56	0.00246
63.64	-162.63	0.00213	56.57	-169.71	0.00185
49.50	-176.78	0.00161	42.43	-183.85	0.00141
190.92	-49.50	0.00114	183.85	-56.57	0.00136
176.78	-63.64	0.00164	169.71	-70.71	0.00200
162.63	-77.78	0.00249	155.56	-84.85	0.00312
148.49	-91.92	0.00392	141.42	-98.99	0.00487
137.89	-102.53	0.00536	134.35	-106.07	0.00579
132.23	-108.19	0.00600	130.81	-109.60	0.00609
129.40	-111.02	0.00614	127.99	-112.43	0.00613
126.57	-113.84	0.00610	113.84	-126.57	0.00452
112.43	-127.99	0.00444	111.02	-129.40	0.00438
109.60	-130.81	0.00433	108.19	-132.23	0.00428

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00421	102.53	-137.89	0.00409
98.99	-141.42	0.00393	91.92	-148.49	0.00353
84.85	-155.56	0.00309	77.78	-162.63	0.00266
70.71	-169.71	0.00228	63.64	-176.78	0.00196
56.57	-183.85	0.00170	49.50	-190.92	0.00148
197.99	-56.57	0.00104	190.92	-63.64	0.00124
183.85	-70.71	0.00149	176.78	-77.78	0.00182
169.71	-84.85	0.00225	162.63	-91.92	0.00283
155.56	-98.99	0.00361	148.49	-106.07	0.00460

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

144.96	-109.60	0.00514	141.42	-113.14	0.00564
139.30	-115.26	0.00588	137.89	-116.67	0.00600
136.47	-118.09	0.00607	135.06	-119.50	0.00608
133.64	-120.92	0.00606	120.92	-133.64	0.00465
119.50	-135.06	0.00458	118.09	-136.47	0.00452
116.67	-137.89	0.00447	115.26	-139.30	0.00442
113.14	-141.42	0.00435	109.60	-144.96	0.00421
106.07	-148.49	0.00404	98.99	-155.56	0.00366
91.92	-162.63	0.00322	84.85	-169.71	0.00278
77.78	-176.78	0.00238	70.71	-183.85	0.00204
63.64	-190.92	0.00175	56.57	-197.99	0.00151
205.06	-63.64	0.00094	197.99	-70.71	0.00111
190.92	-77.78	0.00133	183.85	-84.85	0.00160
176.78	-91.92	0.00197	169.71	-98.99	0.00247
162.63	-106.07	0.00316	155.56	-113.14	0.00412
152.03	-116.67	0.00470	148.49	-120.21	0.00529
146.37	-122.33	0.00560	144.96	-123.74	0.00575
143.54	-125.16	0.00586	142.13	-126.57	0.00592
140.71	-127.99	0.00591	127.99	-140.71	0.00468
126.57	-142.13	0.00461	125.16	-143.54	0.00456
123.74	-144.96	0.00451	122.33	-146.37	0.00445
120.21	-148.49	0.00436	116.67	-152.03	0.00421
113.14	-155.56	0.00403	106.07	-162.63	0.00365
98.99	-169.71	0.00322	91.92	-176.78	0.00280
84.85	-183.85	0.00241	77.78	-190.92	0.00206
70.71	-197.99	0.00177	63.64	-205.06	0.00153
212.13	-70.71	0.00084	205.06	-77.78	0.00098
197.99	-84.85	0.00115	190.92	-91.92	0.00138
183.85	-98.99	0.00167	176.78	-106.07	0.00206
169.71	-113.14	0.00261	162.63	-120.21	0.00342
159.10	-123.74	0.00396	155.56	-127.28	0.00459

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00497	152.03	-130.81	0.00520
150.61	-132.23	0.00539	149.20	-133.64	0.00552
147.79	-135.06	0.00560	135.06	-147.79	0.00463

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-149.20	0.00454	132.23	-150.61	0.00448
130.81	-152.03	0.00442	129.40	-153.44	0.00436
127.28	-155.56	0.00426	123.74	-159.10	0.00409
120.21	-162.63	0.00391	113.14	-169.71	0.00352
106.07	-176.78	0.00311	98.99	-183.85	0.00271
91.92	-190.92	0.00235	84.85	-197.99	0.00203
77.78	-205.06	0.00175	70.71	-212.13	0.00152
219.20	-77.78	0.00074	212.13	-84.85	0.00085
205.06	-91.92	0.00099	197.99	-98.99	0.00116
190.92	-106.07	0.00137	183.85	-113.14	0.00166
176.78	-120.21	0.00204	169.71	-127.28	0.00260
166.17	-130.81	0.00299	162.63	-134.35	0.00347
160.51	-136.47	0.00381	159.10	-137.89	0.00406
157.68	-139.30	0.00433	156.27	-140.71	0.00459
154.86	-142.13	0.00482	142.13	-154.86	0.00443
140.71	-156.27	0.00433	139.30	-157.68	0.00424
137.89	-159.10	0.00417	136.47	-160.51	0.00410
134.35	-162.63	0.00399	130.81	-166.17	0.00381
127.28	-169.71	0.00362	120.21	-176.78	0.00325
113.14	-183.85	0.00289	106.07	-190.92	0.00254
98.99	-197.99	0.00222	91.92	-205.06	0.00194
84.85	-212.13	0.00169	77.78	-219.20	0.00148
226.27	-84.85	0.00065	219.20	-91.92	0.00073
212.13	-98.99	0.00083	205.06	-106.07	0.00096
197.99	-113.14	0.00111	190.92	-120.21	0.00130
183.85	-127.28	0.00154	176.78	-134.35	0.00184
173.24	-137.89	0.00203	169.71	-141.42	0.00223
167.58	-143.54	0.00237	166.17	-144.96	0.00247
164.76	-146.37	0.00258	163.34	-147.79	0.00274
161.93	-149.20	0.00295	149.20	-161.93	0.00389
147.79	-163.34	0.00377	146.37	-164.76	0.00367
144.96	-166.17	0.00360	143.54	-167.58	0.00354
141.42	-169.71	0.00346	137.89	-173.24	0.00331
134.35	-176.78	0.00317	127.28	-183.85	0.00288
120.21	-190.92	0.00259	113.14	-197.99	0.00230
106.07	-205.06	0.00204	98.99	-212.13	0.00180
91.92	-219.20	0.00159	84.85	-226.27	0.00141

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16

**MODELOPTs:
 PAGE 41

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
233.35	-91.92	0.00055	226.27	-98.99	0.00062		
219.20	-106.07	0.00069	212.13	-113.14	0.00078		
205.06	-120.21	0.00088	197.99	-127.28	0.00100		
190.92	-134.35	0.00113	183.85	-141.42	0.00126		
180.31	-144.96	0.00132	176.78	-148.49	0.00135		
174.66	-150.61	0.00136	173.24	-152.03	0.00136		
171.83	-153.44	0.00135	170.41	-154.86	0.00134		
169.00	-156.27	0.00133	156.27	-169.00	0.00250		
154.86	-170.41	0.00259	153.44	-171.83	0.00265		
152.03	-173.24	0.00268	150.61	-174.66	0.00269		
148.49	-176.78	0.00270	144.96	-180.31	0.00266		
141.42	-183.85	0.00260	134.35	-190.92	0.00243		
127.28	-197.99	0.00223	120.21	-205.06	0.00202		
113.14	-212.13	0.00182	106.07	-219.20	0.00164		
98.99	-226.27	0.00147	91.92	-233.35	0.00131		
240.42	-98.99	0.00048	233.35	-106.07	0.00052		
226.27	-113.14	0.00058	219.20	-120.21	0.00063		
212.13	-127.28	0.00070	205.06	-134.35	0.00077		
197.99	-141.42	0.00083	190.92	-148.49	0.00089		
187.38	-152.03	0.00090	183.85	-155.56	0.00091		
181.73	-157.68	0.00091	180.31	-159.10	0.00091		
178.90	-160.51	0.00092	177.48	-161.93	0.00092		
176.07	-163.34	0.00093	163.34	-176.07	0.00164		
161.93	-177.48	0.00172	160.51	-178.90	0.00178		
159.10	-180.31	0.00184	157.68	-181.73	0.00188		
155.56	-183.85	0.00194	152.03	-187.38	0.00201		
148.49	-190.92	0.00203	141.42	-197.99	0.00198		
134.35	-205.06	0.00187	127.28	-212.13	0.00173		
120.21	-219.20	0.00159	113.14	-226.27	0.00145		
106.07	-233.35	0.00132	98.99	-240.42	0.00120		
247.49	-106.07	0.00041	240.42	-113.14	0.00044		
233.35	-120.21	0.00047	226.27	-127.28	0.00051		
219.20	-134.35	0.00055	212.13	-141.42	0.00060		
205.06	-148.49	0.00064	197.99	-155.56	0.00067		
194.45	-159.10	0.00068	190.92	-162.63	0.00070		
188.80	-164.76	0.00070	187.38	-166.17	0.00071		
185.97	-167.58	0.00071	184.55	-169.00	0.00072		
183.14	-170.41	0.00072	170.41	-183.14	0.00122		
169.00	-184.55	0.00128	167.58	-185.97	0.00133		
166.17	-187.38	0.00137	164.76	-188.80	0.00140		

04/20/08

*** Maximum train overlap at SE/NW Bound Direction

18:40:16

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00144	159.10	-194.45	0.00148
155.56	-197.99	0.00151	148.49	-205.06	0.00155
141.42	-212.13	0.00152	134.35	-219.20	0.00146
127.28	-226.27	0.00137	120.21	-233.35	0.00128
113.14	-240.42	0.00118	106.07	-247.49	0.00109

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:40:16

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00008	-113.14	240.42	0.00007
-120.21	233.35	0.00007	-127.28	226.27	0.00006
-134.35	219.20	0.00006	-141.42	212.13	0.00005
-148.49	205.06	0.00005	-155.56	197.99	0.00005
-159.10	194.45	0.00005	-162.63	190.92	0.00005
-164.76	188.80	0.00004	-166.17	187.38	0.00004
-167.58	185.97	0.00004	-169.00	184.55	0.00004
-170.41	183.14	0.00004	-183.14	170.41	0.00004
-184.55	169.00	0.00004	-185.97	167.58	0.00004
-187.38	166.17	0.00004	-188.80	164.76	0.00004
-190.92	162.63	0.00004	-194.45	159.10	0.00004
-197.99	155.56	0.00004	-205.06	148.49	0.00004
-212.13	141.42	0.00004	-219.20	134.35	0.00004
-226.27	127.28	0.00005	-233.35	120.21	0.00005
-240.42	113.14	0.00005	-247.49	106.07	0.00005
-98.99	240.42	0.00008	-106.07	233.35	0.00008
-113.14	226.27	0.00007	-120.21	219.20	0.00007
-127.28	212.13	0.00006	-134.35	205.06	0.00006
-141.42	197.99	0.00005	-148.49	190.92	0.00005
-152.03	187.38	0.00005	-155.56	183.85	0.00005

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-157.68	181.73	0.00005	-159.10	180.31	0.00005
-160.51	178.90	0.00005	-161.93	177.48	0.00005
-163.34	176.07	0.00005	-176.07	163.34	0.00004
-177.48	161.93	0.00004	-178.90	160.51	0.00004
-180.31	159.10	0.00004	-181.73	157.68	0.00004
-183.85	155.56	0.00004	-187.38	152.03	0.00004
-190.92	148.49	0.00005	-197.99	141.42	0.00005
-205.06	134.35	0.00005	-212.13	127.28	0.00005
-219.20	120.21	0.00005	-226.27	113.14	0.00005
-233.35	106.07	0.00005	-240.42	98.99	0.00005
-91.92	233.35	0.00009	-99.00	226.27	0.00008
-106.07	219.20	0.00008	-113.14	212.13	0.00007
-120.21	205.06	0.00007	-127.28	197.99	0.00006
-134.35	190.92	0.00006	-141.42	183.85	0.00005
-144.96	180.31	0.00005	-148.49	176.78	0.00005
-150.61	174.66	0.00005	-152.03	173.24	0.00005
-153.44	171.83	0.00005	-154.86	170.41	0.00005
-156.27	169.00	0.00005	-169.00	156.27	0.00005
-170.41	154.86	0.00005	-171.83	153.44	0.00005
-173.24	152.03	0.00005	-174.66	150.61	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00005	-180.31	144.96	0.00005
-183.85	141.42	0.00005	-190.92	134.35	0.00005
-197.99	127.28	0.00005	-205.06	120.21	0.00005
-212.13	113.14	0.00005	-219.20	106.07	0.00005
-226.27	98.99	0.00005	-233.35	91.92	0.00005
-84.85	226.27	0.00010	-91.92	219.20	0.00009
-99.00	212.13	0.00008	-106.07	205.06	0.00008
-113.14	197.99	0.00007	-120.21	190.92	0.00007
-127.28	183.85	0.00006	-134.35	176.78	0.00006
-137.89	173.24	0.00006	-141.42	169.71	0.00005
-143.54	167.58	0.00005	-144.96	166.17	0.00005
-146.37	164.76	0.00005	-147.79	163.34	0.00005
-149.20	161.93	0.00005	-161.93	149.20	0.00005
-163.34	147.79	0.00005	-164.76	146.37	0.00005

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-166.17	144.96	0.00005	-167.58	143.54	0.00005
-169.71	141.42	0.00005	-173.24	137.89	0.00005
-176.78	134.35	0.00005	-183.85	127.28	0.00005
-190.92	120.21	0.00005	-197.99	113.14	0.00005
-205.06	106.07	0.00005	-212.13	98.99	0.00006
-219.20	91.92	0.00006	-226.27	84.85	0.00006
-77.78	219.20	0.00011	-84.85	212.13	0.00010
-91.92	205.06	0.00009	-99.00	197.99	0.00008
-106.07	190.92	0.00008	-113.14	183.85	0.00007
-120.21	176.78	0.00007	-127.28	169.71	0.00006
-130.81	166.17	0.00006	-134.35	162.63	0.00006
-136.47	160.51	0.00006	-137.89	159.10	0.00006
-139.30	157.68	0.00006	-140.71	156.27	0.00006
-142.13	154.86	0.00005	-154.86	142.13	0.00005
-156.27	140.71	0.00005	-157.68	139.30	0.00005
-159.10	137.89	0.00005	-160.51	136.47	0.00005
-162.63	134.35	0.00005	-166.17	130.81	0.00005
-169.71	127.28	0.00005	-176.78	120.21	0.00006
-183.85	113.14	0.00006	-190.92	106.07	0.00006
-197.99	98.99	0.00006	-205.06	91.92	0.00006
-212.13	84.85	0.00006	-219.20	77.78	0.00006
-70.71	212.13	0.00012	-77.78	205.06	0.00011
-84.85	197.99	0.00010	-91.92	190.92	0.00009
-98.99	183.85	0.00008	-106.07	176.78	0.00008
-113.14	169.71	0.00007	-120.21	162.63	0.00007
-123.74	159.10	0.00006	-127.28	155.56	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00006	-130.81	152.03	0.00006
-132.23	150.61	0.00006	-133.64	149.20	0.00006
-135.06	147.79	0.00006	-147.79	135.06	0.00006
-149.20	133.64	0.00006	-150.61	132.23	0.00006
-152.03	130.81	0.00006	-153.44	129.40	0.00006
-155.56	127.28	0.00006	-159.10	123.74	0.00006
-162.63	120.21	0.00006	-169.71	113.14	0.00006
-176.78	106.07	0.00006	-183.85	98.99	0.00006

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	91.92	0.00006	-197.99	84.85	0.00006
-205.06	77.78	0.00007	-212.13	70.71	0.00007
-63.64	205.06	0.00013	-70.71	197.99	0.00012
-77.78	190.92	0.00011	-84.85	183.85	0.00010
-91.92	176.78	0.00009	-98.99	169.71	0.00008
-106.07	162.63	0.00008	-113.14	155.56	0.00007
-116.67	152.03	0.00007	-120.21	148.49	0.00007
-122.33	146.37	0.00007	-123.74	144.96	0.00006
-125.16	143.54	0.00006	-126.57	142.13	0.00006
-127.99	140.71	0.00006	-140.71	127.99	0.00006
-142.13	126.57	0.00006	-143.54	125.16	0.00006
-144.96	123.74	0.00006	-146.37	122.33	0.00006
-148.49	120.21	0.00006	-152.03	116.67	0.00006
-155.56	113.14	0.00006	-162.63	106.07	0.00006
-169.71	98.99	0.00006	-176.78	91.92	0.00007
-183.85	84.85	0.00007	-190.92	77.78	0.00007
-197.99	70.71	0.00007	-205.06	63.64	0.00007
-56.57	197.99	0.00014	-63.64	190.92	0.00013
-70.71	183.85	0.00012	-77.78	176.78	0.00011
-84.85	169.71	0.00010	-91.92	162.63	0.00009
-98.99	155.56	0.00008	-106.07	148.49	0.00008
-109.60	144.96	0.00007	-113.14	141.42	0.00007
-115.26	139.30	0.00007	-116.67	137.89	0.00007
-118.09	136.47	0.00007	-119.50	135.06	0.00007
-120.92	133.64	0.00007	-133.64	120.92	0.00006
-135.06	119.50	0.00006	-136.47	118.09	0.00006
-137.89	116.67	0.00006	-139.30	115.26	0.00006
-141.42	113.14	0.00007	-144.96	109.60	0.00007
-148.49	106.07	0.00007	-155.56	98.99	0.00007
-162.63	91.92	0.00007	-169.71	84.85	0.00007
-176.78	77.78	0.00007	-183.85	70.71	0.00007
-190.92	63.64	0.00008	-197.99	56.57	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00016	-56.57	183.85	0.00014
-63.64	176.78	0.00013	-70.71	169.71	0.00012

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	162.63	0.00011	-84.85	155.56	0.00010
-91.92	148.49	0.00009	-98.99	141.42	0.00008
-102.53	137.89	0.00008	-106.07	134.35	0.00008
-108.19	132.23	0.00008	-109.60	130.81	0.00007
-111.02	129.40	0.00007	-112.43	127.99	0.00007
-113.84	126.57	0.00007	-126.57	113.84	0.00007
-127.99	112.43	0.00007	-129.40	111.02	0.00007
-130.81	109.60	0.00007	-132.23	108.19	0.00007
-134.35	106.07	0.00007	-137.89	102.53	0.00007
-141.42	98.99	0.00007	-148.49	91.92	0.00007
-155.56	84.85	0.00007	-162.63	77.78	0.00008
-169.71	70.71	0.00008	-176.78	63.64	0.00008
-183.85	56.57	0.00008	-190.92	49.50	0.00009
-42.43	183.85	0.00017	-49.50	176.78	0.00016
-56.57	169.71	0.00015	-63.64	162.63	0.00013
-70.71	155.56	0.00012	-77.78	148.49	0.00011
-84.85	141.42	0.00010	-91.92	134.35	0.00009
-95.46	130.81	0.00009	-98.99	127.28	0.00008
-101.12	125.16	0.00008	-102.53	123.74	0.00008
-103.94	122.33	0.00008	-105.36	120.92	0.00008
-106.77	119.50	0.00008	-119.50	106.77	0.00007
-120.92	105.36	0.00007	-122.33	103.94	0.00007
-123.74	102.53	0.00007	-125.16	101.12	0.00008
-127.28	98.99	0.00008	-130.81	95.46	0.00008
-134.35	91.92	0.00008	-141.42	84.85	0.00008
-148.49	77.78	0.00008	-155.56	70.71	0.00008
-162.63	63.64	0.00008	-169.71	56.57	0.00009
-176.78	49.50	0.00009	-183.85	42.43	0.00010
-35.36	176.78	0.00020	-42.43	169.71	0.00018
-49.50	162.63	0.00016	-56.57	155.56	0.00015
-63.64	148.49	0.00013	-70.71	141.42	0.00012
-77.78	134.35	0.00011	-84.85	127.28	0.00010
-88.39	123.74	0.00010	-91.92	120.21	0.00009
-94.05	118.09	0.00009	-95.46	116.67	0.00009
-96.87	115.26	0.00009	-98.29	113.84	0.00009
-99.70	112.43	0.00008	-112.43	99.70	0.00008
-113.84	98.29	0.00008	-115.26	96.87	0.00008
-116.67	95.46	0.00008	-118.09	94.05	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00008	-123.74	88.39	0.00008
-127.28	84.85	0.00008	-134.35	77.78	0.00009
-141.42	70.71	0.00009	-148.49	63.64	0.00009
-155.56	56.57	0.00009	-162.63	49.50	0.00010
-169.71	42.43	0.00010	-176.78	35.36	0.00011
-28.28	169.71	0.00022	-35.36	162.63	0.00020
-42.43	155.56	0.00018	-49.50	148.49	0.00017
-56.57	141.42	0.00015	-63.64	134.35	0.00013
-70.71	127.28	0.00012	-77.78	120.21	0.00011
-81.32	116.67	0.00010	-84.85	113.14	0.00010
-86.97	111.02	0.00010	-88.39	109.60	0.00010
-89.80	108.19	0.00009	-91.22	106.77	0.00009
-92.63	105.36	0.00009	-105.36	92.63	0.00009
-106.77	91.22	0.00009	-108.19	89.80	0.00009
-109.60	88.39	0.00009	-111.02	86.97	0.00009
-113.14	84.85	0.00009	-116.67	81.32	0.00009
-120.21	77.78	0.00009	-127.28	70.71	0.00009
-134.35	63.64	0.00009	-141.42	56.57	0.00010
-148.49	49.50	0.00010	-155.56	42.43	0.00011
-162.63	35.36	0.00011	-169.71	28.28	0.00012
-21.21	162.63	0.00025	-28.28	155.56	0.00023
-35.36	148.49	0.00021	-42.43	141.42	0.00019
-49.50	134.35	0.00017	-56.57	127.28	0.00015
-63.64	120.21	0.00013	-70.71	113.14	0.00012
-74.25	109.60	0.00011	-77.78	106.07	0.00011
-79.90	103.94	0.00011	-81.32	102.53	0.00010
-82.73	101.12	0.00010	-84.15	99.70	0.00010
-85.56	98.29	0.00010	-98.29	85.56	0.00009
-99.70	84.15	0.00009	-101.12	82.73	0.00010
-102.53	81.32	0.00010	-103.94	79.90	0.00010
-106.07	77.78	0.00010	-109.60	74.25	0.00010
-113.14	70.71	0.00010	-120.21	63.64	0.00010
-127.28	56.57	0.00010	-134.35	49.50	0.00011
-141.42	42.43	0.00011	-148.49	35.36	0.00012
-155.56	28.28	0.00012	-162.63	21.21	0.00013
-14.14	155.56	0.00028	-21.21	148.49	0.00026
-28.28	141.42	0.00024	-35.36	134.35	0.00021
-42.43	127.28	0.00019	-49.50	120.21	0.00017
-56.57	113.14	0.00015	-63.64	106.07	0.00013
-67.18	102.53	0.00013	-70.71	98.99	0.00012

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

18:40:16

**MODELOPTs:

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*** Maximum train overlap at SE/NW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00012	-74.25	95.46	0.00011
-75.66	94.05	0.00011	-77.07	92.63	0.00011
-78.49	91.22	0.00011	-91.22	78.49	0.00010
-92.63	77.07	0.00010	-94.05	75.66	0.00010
-95.46	74.25	0.00010	-96.87	72.83	0.00010
-98.99	70.71	0.00011	-102.53	67.18	0.00011
-106.07	63.64	0.00011	-113.14	56.57	0.00011
-120.21	49.50	0.00011	-127.28	42.43	0.00012
-134.35	35.36	0.00012	-141.42	28.28	0.00013
-148.49	21.21	0.00014	-155.56	14.14	0.00015
-7.07	148.49	0.00032	-14.14	141.42	0.00030
-21.21	134.35	0.00027	-28.28	127.28	0.00024
-35.36	120.21	0.00022	-42.43	113.14	0.00019
-49.50	106.07	0.00017	-56.57	98.99	0.00015
-60.10	95.46	0.00014	-63.64	91.92	0.00013
-65.76	89.80	0.00013	-67.18	88.39	0.00013
-68.59	86.97	0.00012	-70.00	85.56	0.00012
-71.42	84.15	0.00012	-84.15	71.42	0.00011
-85.56	70.00	0.00011	-86.97	68.59	0.00011
-88.39	67.18	0.00011	-89.80	65.76	0.00011
-91.92	63.64	0.00012	-95.46	60.10	0.00012
-98.99	56.57	0.00012	-106.07	49.50	0.00012
-113.14	42.43	0.00013	-120.21	35.36	0.00013
-127.28	28.28	0.00014	-134.35	21.21	0.00015
-141.42	14.14	0.00016	-148.49	7.07	0.00016
0.00	141.42	0.00036	-7.07	134.35	0.00034
-14.14	127.28	0.00031	-21.21	120.21	0.00028
-28.28	113.14	0.00025	-35.36	106.07	0.00022
-42.43	98.99	0.00019	-49.50	91.92	0.00017
-53.03	88.39	0.00016	-56.57	84.85	0.00015
-58.69	82.73	0.00014	-60.10	81.32	0.00014
-61.52	79.90	0.00014	-62.93	78.49	0.00014
-64.35	77.07	0.00013	-77.07	64.35	0.00012
-78.49	62.93	0.00013	-79.90	61.52	0.00013

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-81.32	60.10	0.00013	-82.73	58.69	0.00013
-84.85	56.57	0.00013	-88.39	53.03	0.00013
-91.92	49.50	0.00013	-98.99	42.43	0.00014
-106.07	35.36	0.00014	-113.14	28.28	0.00015
-120.21	21.21	0.00016	-127.28	14.14	0.00017
-134.35	7.07	0.00018	-141.42	0.00	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 49
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00041	0.00	127.28	0.00039
-7.07	120.21	0.00036	-14.14	113.14	0.00033
-21.21	106.07	0.00029	-28.28	98.99	0.00025
-35.36	91.92	0.00022	-42.43	84.85	0.00019
-45.96	81.32	0.00018	-49.50	77.78	0.00017
-51.62	75.66	0.00016	-53.03	74.25	0.00016
-54.45	72.83	0.00015	-55.86	71.42	0.00015
-57.28	70.00	0.00015	-70.00	57.28	0.00014
-71.42	55.86	0.00014	-72.83	54.45	0.00014
-74.25	53.03	0.00014	-75.66	51.62	0.00014
-77.78	49.50	0.00014	-81.32	45.96	0.00014
-84.85	42.43	0.00015	-91.92	35.36	0.00015
-98.99	28.28	0.00016	-106.07	21.21	0.00017
-113.14	14.14	0.00018	-120.21	7.07	0.00019
-127.28	0.00	0.00020	-134.35	-7.07	0.00020
14.14	127.28	0.00047	7.07	120.21	0.00045
0.00	113.14	0.00042	-7.07	106.07	0.00039
-14.14	98.99	0.00034	-21.21	91.92	0.00030
-28.28	84.85	0.00026	-35.36	77.78	0.00022
-38.89	74.25	0.00020	-42.43	70.71	0.00019
-44.55	68.59	0.00018	-45.96	67.18	0.00018
-47.38	65.76	0.00017	-48.79	64.35	0.00017
-50.20	62.93	0.00017	-62.93	50.20	0.00015
-64.35	48.79	0.00015	-65.76	47.38	0.00016
-67.18	45.96	0.00016	-68.59	44.55	0.00016
-70.71	42.43	0.00016	-74.25	38.89	0.00016
-77.78	35.36	0.00016	-84.85	28.28	0.00017
-91.92	21.21	0.00018	-98.99	14.14	0.00019

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	7.07	0.00020	-113.14	0.00	0.00022
-120.21	-7.07	0.00022	-127.28	-14.14	0.00023
21.21	120.21	0.00054	14.14	113.14	0.00052
7.07	106.07	0.00050	0.00	98.99	0.00046
-7.07	91.92	0.00041	-14.14	84.85	0.00035
-21.21	77.78	0.00030	-28.28	70.71	0.00026
-31.82	67.18	0.00024	-35.36	63.64	0.00022
-37.48	61.52	0.00021	-38.89	60.10	0.00020
-40.31	58.69	0.00020	-41.72	57.28	0.00019
-43.13	55.86	0.00019	-55.86	43.13	0.00017
-57.28	41.72	0.00017	-58.69	40.31	0.00017
-60.10	38.89	0.00018	-61.52	37.48	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 50

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00018	-67.18	31.82	0.00018
-70.71	28.28	0.00018	-77.78	21.21	0.00019
-84.85	14.14	0.00021	-91.92	7.07	0.00022
-98.99	0.00	0.00024	-106.07	-7.07	0.00025
-113.14	-14.14	0.00025	-120.21	-21.21	0.00025
28.28	113.14	0.00062	21.21	106.07	0.00061
14.14	98.99	0.00058	7.07	91.92	0.00054
0.00	84.85	0.00049	-7.07	77.78	0.00042
-14.14	70.71	0.00036	-21.21	63.64	0.00030
-24.75	60.10	0.00027	-28.28	56.57	0.00025
-30.41	54.45	0.00024	-31.82	53.03	0.00023
-33.23	51.62	0.00023	-34.65	50.20	0.00022
-36.06	48.79	0.00021	-48.79	36.06	0.00020
-50.20	34.65	0.00020	-51.62	33.23	0.00020
-53.03	31.82	0.00020	-54.45	30.41	0.00020
-56.57	28.28	0.00020	-60.10	24.75	0.00021
-63.64	21.21	0.00021	-70.71	14.14	0.00022
-77.78	7.07	0.00024	-84.85	0.00	0.00026
-91.92	-7.07	0.00027	-98.99	-14.14	0.00028
-106.07	-21.21	0.00029	-113.14	-28.28	0.00029
35.36	106.07	0.00070	28.28	98.99	0.00070
21.21	91.92	0.00069	14.14	84.85	0.00065

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

7.07	77.78	0.00059	0.00	70.71	0.00052
-7.07	63.64	0.00044	-14.14	56.57	0.00036
-17.68	53.03	0.00033	-21.21	49.50	0.00030
-23.33	47.38	0.00028	-24.75	45.96	0.00027
-26.16	44.55	0.00026	-27.58	43.13	0.00025
-28.99	41.72	0.00025	-41.72	28.99	0.00022
-43.13	27.58	0.00022	-44.55	26.16	0.00022
-45.96	24.75	0.00023	-47.38	23.33	0.00023
-49.50	21.21	0.00023	-53.03	17.68	0.00024
-56.57	14.14	0.00024	-63.64	7.07	0.00026
-70.71	0.00	0.00028	-77.78	-7.07	0.00030
-84.85	-14.14	0.00032	-91.92	-21.21	0.00032
-98.99	-28.28	0.00033	-106.07	-35.36	0.00032
42.43	98.99	0.00079	35.36	91.92	0.00081
28.28	84.85	0.00081	21.21	77.78	0.00078
14.14	70.71	0.00072	7.07	63.64	0.00064
0.00	56.57	0.00054	-7.07	49.50	0.00044
-10.61	45.96	0.00039	-14.14	42.43	0.00035

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 51
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00033	-17.68	38.89	0.00032
-19.09	37.48	0.00031	-20.51	36.06	0.00030
-21.92	34.65	0.00029	-34.65	21.92	0.00026
-36.06	20.51	0.00026	-37.48	19.09	0.00026
-38.89	17.68	0.00026	-40.31	16.26	0.00026
-42.43	14.14	0.00027	-45.96	10.61	0.00027
-49.50	7.07	0.00028	-56.57	0.00	0.00031
-63.64	-7.07	0.00033	-70.71	-14.14	0.00036
-77.78	-21.21	0.00037	-84.85	-28.28	0.00037
-91.92	-35.36	0.00037	-98.99	-42.43	0.00037
49.50	91.92	0.00089	42.43	84.85	0.00093
35.36	77.78	0.00095	28.28	70.71	0.00094
21.21	63.64	0.00089	14.14	56.57	0.00080
7.07	49.50	0.00068	0.00	42.43	0.00055
-3.54	38.89	0.00048	-7.07	35.36	0.00043
-9.19	33.23	0.00040	-10.61	31.82	0.00038

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-12.02	30.41	0.00037	-13.44	28.99	0.00035
-14.85	27.58	0.00034	-27.58	14.85	0.00030
-28.99	13.44	0.00030	-30.41	12.02	0.00030
-31.82	10.61	0.00030	-33.23	9.19	0.00031
-35.36	7.07	0.00031	-38.89	3.54	0.00032
-42.43	0.00	0.00033	-49.50	-7.07	0.00037
-56.57	-14.14	0.00040	-63.64	-21.21	0.00042
-70.71	-28.28	0.00043	-77.78	-35.36	0.00044
-84.85	-42.43	0.00043	-91.92	-49.50	0.00042
56.57	84.85	0.00098	49.50	77.78	0.00105
42.43	70.71	0.00110	35.36	63.64	0.00112
28.28	56.57	0.00110	21.21	49.50	0.00102
14.14	42.43	0.00088	7.07	35.36	0.00070
3.54	31.82	0.00062	0.00	28.28	0.00054
-2.12	26.16	0.00049	-3.54	24.75	0.00047
-4.95	23.33	0.00044	-6.36	21.92	0.00042
-7.78	20.51	0.00040	-20.51	7.78	0.00035
-21.92	6.36	0.00035	-23.33	4.95	0.00035
-24.75	3.54	0.00036	-26.16	2.12	0.00036
-28.28	0.00	0.00037	-31.82	-3.54	0.00039
-35.36	-7.07	0.00041	-42.43	-14.14	0.00045
-49.50	-21.21	0.00049	-56.57	-28.28	0.00051
-63.64	-35.36	0.00051	-70.71	-42.43	0.00051
-77.78	-49.50	0.00050	-84.85	-56.57	0.00048

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 52

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00108	56.57	70.71	0.00117
49.50	63.64	0.00126	42.43	56.57	0.00132
35.36	49.50	0.00134	28.28	42.43	0.00129
21.21	35.36	0.00116	14.14	28.28	0.00094
10.61	24.75	0.00081	7.07	21.21	0.00069
4.95	19.09	0.00063	3.54	17.68	0.00059
2.12	16.26	0.00056	0.71	14.85	0.00052
-0.71	13.44	0.00049	-13.44	0.71	0.00041
-14.85	-0.71	0.00042	-16.26	-2.12	0.00042
-17.68	-3.54	0.00043	-19.09	-4.95	0.00044

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-21.21	-7.07	0.00045	-24.75	-10.61	0.00047
-28.28	-14.14	0.00050	-35.36	-21.21	0.00056
-42.43	-28.28	0.00059	-49.50	-35.36	0.00061
-56.57	-42.43	0.00061	-63.64	-49.50	0.00059
-70.71	-56.57	0.00058	-77.78	-63.64	0.00056
70.71	70.71	0.00117	63.64	63.64	0.00129
56.57	56.57	0.00142	49.50	49.50	0.00153
42.43	42.43	0.00162	35.36	35.36	0.00164
28.28	28.28	0.00154	21.21	21.21	0.00130
17.68	17.68	0.00113	14.14	14.14	0.00095
12.02	12.02	0.00084	10.61	10.61	0.00078
9.19	9.19	0.00072	7.78	7.78	0.00067
6.36	6.36	0.00062	-6.36	-6.36	0.00050
-7.78	-7.78	0.00051	-9.19	-9.19	0.00051
-10.61	-10.61	0.00052	-12.02	-12.02	0.00054
-14.14	-14.14	0.00056	-17.68	-17.68	0.00060
-21.21	-21.21	0.00064	-28.28	-28.28	0.00070
-35.36	-35.36	0.00073	-42.43	-42.43	0.00074
-49.50	-49.50	0.00073	-56.57	-56.57	0.00070
-63.64	-63.64	0.00068	-70.71	-70.71	0.00065
77.78	63.64	0.00124	70.71	56.57	0.00140
63.64	49.50	0.00157	56.57	42.43	0.00174
49.50	35.36	0.00190	42.43	28.28	0.00202
35.36	21.21	0.00203	28.28	14.14	0.00183
24.75	10.61	0.00163	21.21	7.07	0.00137
19.09	4.95	0.00120	17.68	3.54	0.00110
16.26	2.12	0.00100	14.85	0.71	0.00090
13.44	-0.71	0.00082	0.71	-13.44	0.00061
-0.71	-14.85	0.00063	-2.12	-16.26	0.00064
-3.54	-17.68	0.00066	-4.95	-19.09	0.00068

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 53

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00072	-10.61	-24.75	0.00078
-14.14	-28.28	0.00082	-21.21	-35.36	0.00089
-28.28	-42.43	0.00091	-35.36	-49.50	0.00090
-42.43	-56.57	0.00088	-49.50	-63.64	0.00084

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-70.71	0.00080	-63.64	-77.78	0.00075
84.85	56.57	0.00129	77.78	49.50	0.00148
70.71	42.43	0.00170	63.64	35.36	0.00194
56.57	28.28	0.00218	49.50	21.21	0.00242
42.43	14.14	0.00258	35.36	7.07	0.00256
31.82	3.54	0.00240	28.28	0.00	0.00211
26.16	-2.12	0.00187	24.75	-3.54	0.00170
23.33	-4.95	0.00151	21.92	-6.36	0.00134
20.51	-7.78	0.00118	7.78	-20.51	0.00078
6.36	-21.92	0.00080	4.95	-23.33	0.00084
3.54	-24.75	0.00087	2.12	-26.16	0.00091
0.00	-28.28	0.00096	-3.54	-31.82	0.00103
-7.07	-35.36	0.00108	-14.14	-42.43	0.00114
-21.21	-49.50	0.00115	-28.28	-56.57	0.00112
-35.36	-63.64	0.00106	-42.43	-70.71	0.00100
-49.50	-77.78	0.00093	-56.57	-84.85	0.00086
91.92	49.50	0.00132	84.85	42.43	0.00154
77.78	35.36	0.00179	70.71	28.28	0.00209
63.64	21.21	0.00242	56.57	14.14	0.00278
49.50	7.07	0.00313	42.43	0.00	0.00337
38.89	-3.54	0.00340	35.36	-7.07	0.00326
33.23	-9.19	0.00306	31.82	-10.61	0.00285
30.41	-12.02	0.00260	28.99	-13.44	0.00230
27.58	-14.85	0.00197	14.85	-27.58	0.00105
13.44	-28.99	0.00110	12.02	-30.41	0.00116
10.61	-31.82	0.00121	9.19	-33.23	0.00126
7.07	-35.36	0.00132	3.54	-38.89	0.00140
0.00	-42.43	0.00146	-7.07	-49.50	0.00150
-14.14	-56.57	0.00145	-21.21	-63.64	0.00137
-28.28	-70.71	0.00127	-35.36	-77.78	0.00117
-42.43	-84.85	0.00107	-49.50	-91.92	0.00097
98.99	42.43	0.00133	91.92	35.36	0.00157
84.85	28.28	0.00185	77.78	21.21	0.00219
70.71	14.14	0.00260	63.64	7.07	0.00307
56.57	0.00	0.00359	49.50	-7.07	0.00411
45.96	-10.61	0.00434	42.43	-14.14	0.00449

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00450	38.89	-17.68	0.00446
37.48	-19.09	0.00437	36.06	-20.51	0.00418
34.65	-21.92	0.00386	21.92	-34.65	0.00164
20.51	-36.06	0.00171	19.09	-37.48	0.00178
17.68	-38.89	0.00183	16.26	-40.31	0.00187
14.14	-42.43	0.00192	10.61	-45.96	0.00196
7.07	-49.50	0.00198	0.00	-56.57	0.00192
-7.07	-63.64	0.00180	-14.14	-70.71	0.00165
-21.21	-77.78	0.00150	-28.28	-84.85	0.00135
-35.36	-91.92	0.00122	-42.43	-98.99	0.00110
106.07	35.36	0.00132	98.99	28.28	0.00156
91.92	21.21	0.00187	84.85	14.14	0.00224
77.78	7.07	0.00271	70.71	0.00	0.00326
63.64	-7.07	0.00391	56.57	-14.14	0.00463
53.03	-17.68	0.00500	49.50	-21.21	0.00533
47.38	-23.33	0.00547	45.96	-24.75	0.00553
44.55	-26.16	0.00555	43.13	-27.58	0.00560
41.72	-28.99	0.00556	28.99	-41.72	0.00304
27.58	-43.13	0.00291	26.16	-44.55	0.00284
24.75	-45.96	0.00278	23.33	-47.38	0.00275
21.21	-49.50	0.00271	17.68	-53.03	0.00265
14.14	-56.57	0.00258	7.07	-63.64	0.00240
0.00	-70.71	0.00218	-7.07	-77.78	0.00195
-14.14	-84.85	0.00173	-21.21	-91.92	0.00154
-28.28	-98.99	0.00137	-35.36	-106.07	0.00122
113.14	28.28	0.00128	106.07	21.21	0.00152
98.99	14.14	0.00183	91.92	7.07	0.00222
84.85	0.00	0.00272	77.78	-7.07	0.00334
70.71	-14.14	0.00408	63.64	-21.21	0.00491
60.10	-24.75	0.00533	56.57	-28.28	0.00572
54.45	-30.41	0.00588	53.03	-31.82	0.00594
51.62	-33.23	0.00595	50.20	-34.65	0.00595
48.79	-36.06	0.00591	36.06	-48.79	0.00388
34.65	-50.20	0.00378	33.23	-51.62	0.00370
31.82	-53.03	0.00363	30.41	-54.45	0.00357
28.28	-56.57	0.00347	24.75	-60.10	0.00332
21.21	-63.64	0.00317	14.14	-70.71	0.00285
7.07	-77.78	0.00253	0.00	-84.85	0.00222
-7.07	-91.92	0.00195	-14.14	-98.99	0.00171
-21.21	-106.07	0.00150	-28.28	-113.14	0.00133

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:40:16

**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00122	113.14	14.14	0.00145
106.07	7.07	0.00175	98.99	0.00	0.00214
91.92	-7.07	0.00265	84.85	-14.14	0.00329
77.78	-21.21	0.00408	70.71	-28.28	0.00498
67.18	-31.82	0.00542	63.64	-35.36	0.00582
61.52	-37.48	0.00600	60.10	-38.89	0.00607
58.69	-40.31	0.00610	57.28	-41.72	0.00608
55.86	-43.13	0.00605	43.13	-55.86	0.00428
41.72	-57.28	0.00419	40.31	-58.69	0.00413
38.89	-60.10	0.00407	37.48	-61.52	0.00402
35.36	-63.64	0.00396	31.82	-67.18	0.00382
28.28	-70.71	0.00366	21.21	-77.78	0.00325
14.14	-84.85	0.00284	7.07	-91.92	0.00246
0.00	-98.99	0.00213	-7.07	-106.07	0.00185
-14.14	-113.14	0.00161	-21.21	-120.21	0.00141
127.28	14.14	0.00114	120.21	7.07	0.00136
113.14	0.00	0.00164	106.07	-7.07	0.00200
98.99	-14.14	0.00249	91.92	-21.21	0.00312
84.85	-28.28	0.00392	77.78	-35.36	0.00487
74.25	-38.89	0.00536	70.71	-42.43	0.00579
68.59	-44.55	0.00600	67.18	-45.96	0.00609
65.76	-47.38	0.00614	64.35	-48.79	0.00613
62.93	-50.20	0.00610	50.20	-62.93	0.00452
48.79	-64.35	0.00444	47.38	-65.76	0.00438
45.96	-67.18	0.00433	44.55	-68.59	0.00428
42.43	-70.71	0.00421	38.89	-74.25	0.00409
35.36	-77.78	0.00393	28.28	-84.85	0.00353
21.21	-91.92	0.00309	14.14	-98.99	0.00266
7.07	-106.07	0.00228	0.00	-113.14	0.00196
-7.07	-120.21	0.00170	-14.14	-127.28	0.00148
134.35	7.07	0.00104	127.28	0.00	0.00124
120.21	-7.07	0.00149	113.14	-14.14	0.00182
106.07	-21.21	0.00225	98.99	-28.28	0.00283
91.92	-35.36	0.00361	84.85	-42.43	0.00460
81.32	-45.96	0.00514	77.78	-49.50	0.00564
75.66	-51.62	0.00588	74.25	-53.03	0.00600

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

72.83	-54.45	0.00607	71.42	-55.86	0.00608
70.00	-57.28	0.00606	57.28	-70.00	0.00465
55.86	-71.42	0.00458	54.45	-72.83	0.00452
53.03	-74.25	0.00447	51.62	-75.66	0.00442

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00435	45.96	-81.32	0.00421
42.43	-84.85	0.00404	35.36	-91.92	0.00366
28.28	-98.99	0.00322	21.21	-106.07	0.00278
14.14	-113.14	0.00238	7.07	-120.21	0.00204
0.00	-127.28	0.00175	-7.07	-134.35	0.00151
141.42	0.00	0.00094	134.35	-7.07	0.00111
127.28	-14.14	0.00133	120.21	-21.21	0.00160
113.14	-28.28	0.00197	106.07	-35.36	0.00247
98.99	-42.43	0.00316	91.92	-49.50	0.00412
88.39	-53.03	0.00470	84.85	-56.57	0.00529
82.73	-58.69	0.00560	81.32	-60.10	0.00575
79.90	-61.52	0.00586	78.49	-62.93	0.00592
77.07	-64.35	0.00591	64.35	-77.07	0.00468
62.93	-78.49	0.00461	61.52	-79.90	0.00456
60.10	-81.32	0.00451	58.69	-82.73	0.00445
56.57	-84.85	0.00436	53.03	-88.39	0.00421
49.50	-91.92	0.00403	42.43	-98.99	0.00365
35.36	-106.07	0.00322	28.28	-113.14	0.00280
21.21	-120.21	0.00241	14.14	-127.28	0.00206
7.07	-134.35	0.00177	0.00	-141.42	0.00153
148.49	-7.07	0.00084	141.42	-14.14	0.00098
134.35	-21.21	0.00115	127.28	-28.28	0.00138
120.21	-35.36	0.00167	113.14	-42.43	0.00206
106.07	-49.50	0.00261	98.99	-56.57	0.00342
95.46	-60.10	0.00396	91.92	-63.64	0.00459
89.80	-65.76	0.00497	88.39	-67.18	0.00520
86.97	-68.59	0.00539	85.56	-70.00	0.00552
84.15	-71.42	0.00560	71.42	-84.15	0.00463
70.00	-85.56	0.00454	68.59	-86.97	0.00448
67.18	-88.39	0.00442	65.76	-89.80	0.00436

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

63.64	-91.92	0.00426	60.10	-95.46	0.00409
56.57	-98.99	0.00391	49.50	-106.07	0.00352
42.43	-113.14	0.00311	35.36	-120.21	0.00271
28.28	-127.28	0.00235	21.21	-134.35	0.00203
14.14	-141.42	0.00175	7.07	-148.49	0.00152
155.56	-14.14	0.00074	148.49	-21.21	0.00085
141.42	-28.28	0.00099	134.35	-35.36	0.00116
127.28	-42.43	0.00137	120.21	-49.50	0.00166
113.14	-56.57	0.00204	106.07	-63.64	0.00260
102.53	-67.18	0.00299	98.99	-70.71	0.00347

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00381	95.46	-74.25	0.00406
94.05	-75.66	0.00433	92.63	-77.07	0.00459
91.22	-78.49	0.00482	78.49	-91.22	0.00443
77.07	-92.63	0.00433	75.66	-94.05	0.00424
74.25	-95.46	0.00417	72.83	-96.87	0.00410
70.71	-98.99	0.00399	67.18	-102.53	0.00381
63.64	-106.07	0.00362	56.57	-113.14	0.00325
49.50	-120.21	0.00289	42.43	-127.28	0.00254
35.36	-134.35	0.00222	28.28	-141.42	0.00194
21.21	-148.49	0.00169	14.14	-155.56	0.00148
162.63	-21.21	0.00065	155.56	-28.28	0.00073
148.49	-35.36	0.00083	141.42	-42.43	0.00096
134.35	-49.50	0.00111	127.28	-56.57	0.00130
120.21	-63.64	0.00154	113.14	-70.71	0.00184
109.60	-74.25	0.00203	106.07	-77.78	0.00223
103.94	-79.90	0.00237	102.53	-81.32	0.00247
101.12	-82.73	0.00258	99.70	-84.15	0.00274
98.29	-85.56	0.00295	85.56	-98.29	0.00389
84.15	-99.70	0.00377	82.73	-101.12	0.00367
81.32	-102.53	0.00360	79.90	-103.94	0.00354
77.78	-106.07	0.00346	74.25	-109.60	0.00331
70.71	-113.14	0.00317	63.64	-120.21	0.00288
56.57	-127.28	0.00259	49.50	-134.35	0.00230
42.43	-141.42	0.00204	35.36	-148.49	0.00180

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-155.56	0.00159	21.21	-162.63	0.00141
169.71	-28.28	0.00055	162.63	-35.36	0.00062
155.56	-42.43	0.00069	148.49	-49.50	0.00078
141.42	-56.57	0.00088	134.35	-63.64	0.00100
127.28	-70.71	0.00113	120.21	-77.78	0.00126
116.67	-81.32	0.00132	113.14	-84.85	0.00135
111.02	-86.97	0.00136	109.60	-88.39	0.00136
108.19	-89.80	0.00135	106.77	-91.22	0.00134
105.36	-92.63	0.00133	92.63	-105.36	0.00250
91.22	-106.77	0.00259	89.80	-108.19	0.00265
88.39	-109.60	0.00268	86.97	-111.02	0.00269
84.85	-113.14	0.00270	81.32	-116.67	0.00266
77.78	-120.21	0.00260	70.71	-127.28	0.00243
63.64	-134.35	0.00223	56.57	-141.42	0.00202
49.50	-148.49	0.00182	42.43	-155.56	0.00164
35.36	-162.63	0.00147	28.28	-169.71	0.00131

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00048	169.71	-42.43	0.00052
162.63	-49.50	0.00058	155.56	-56.57	0.00063
148.49	-63.64	0.00070	141.42	-70.71	0.00077
134.35	-77.78	0.00083	127.28	-84.85	0.00089
123.74	-88.39	0.00090	120.21	-91.92	0.00091
118.09	-94.05	0.00091	116.67	-95.46	0.00091
115.26	-96.87	0.00092	113.84	-98.29	0.00092
112.43	-99.70	0.00093	99.70	-112.43	0.00164
98.29	-113.84	0.00172	96.87	-115.26	0.00178
95.46	-116.67	0.00184	94.05	-118.09	0.00188
91.92	-120.21	0.00194	88.39	-123.74	0.00201
84.85	-127.28	0.00203	77.78	-134.35	0.00198
70.71	-141.42	0.00187	63.64	-148.49	0.00173
56.57	-155.56	0.00159	49.50	-162.63	0.00145
42.43	-169.71	0.00132	35.36	-176.78	0.00120
183.85	-42.43	0.00041	176.78	-49.50	0.00044
169.71	-56.57	0.00047	162.63	-63.64	0.00051
155.56	-70.71	0.00055	148.49	-77.78	0.00060

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-84.85	0.00064	134.35	-91.92	0.00067
130.81	-95.46	0.00068	127.28	-98.99	0.00070
125.16	-101.12	0.00070	123.74	-102.53	0.00071
122.33	-103.94	0.00071	120.92	-105.36	0.00072
119.50	-106.77	0.00072	106.77	-119.50	0.00122
105.36	-120.92	0.00128	103.94	-122.33	0.00133
102.53	-123.74	0.00137	101.12	-125.16	0.00140
98.99	-127.28	0.00144	95.46	-130.81	0.00148
91.92	-134.35	0.00151	84.85	-141.42	0.00155
77.78	-148.49	0.00152	70.71	-155.56	0.00146
63.64	-162.63	0.00137	56.57	-169.71	0.00128
49.50	-176.78	0.00118	42.43	-183.85	0.00109
190.92	-49.50	0.00034	183.85	-56.57	0.00037
176.78	-63.64	0.00039	169.71	-70.71	0.00042
162.63	-77.78	0.00045	155.56	-84.85	0.00048
148.49	-91.92	0.00051	141.42	-98.99	0.00054
137.89	-102.53	0.00055	134.35	-106.07	0.00056
132.23	-108.19	0.00057	130.81	-109.60	0.00057
129.40	-111.02	0.00057	127.99	-112.43	0.00057
126.57	-113.84	0.00058	113.84	-126.57	0.00094
112.43	-127.99	0.00099	111.02	-129.40	0.00103
109.60	-130.81	0.00107	108.19	-132.23	0.00110

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00113	102.53	-137.89	0.00116
98.99	-141.42	0.00117	91.92	-148.49	0.00119
84.85	-155.56	0.00120	77.78	-162.63	0.00119
70.71	-169.71	0.00115	63.64	-176.78	0.00110
56.57	-183.85	0.00104	49.50	-190.92	0.00097
197.99	-56.57	0.00029	190.92	-63.64	0.00031
183.85	-70.71	0.00033	176.78	-77.78	0.00035
169.71	-84.85	0.00037	162.63	-91.92	0.00040
155.56	-98.99	0.00043	148.49	-106.07	0.00045
144.96	-109.60	0.00046	141.42	-113.14	0.00046
139.30	-115.26	0.00046	137.89	-116.67	0.00046
136.47	-118.09	0.00046	135.06	-119.50	0.00047

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-120.92	0.00048	120.92	-133.64	0.00074
119.50	-135.06	0.00078	118.09	-136.47	0.00081
116.67	-137.89	0.00085	115.26	-139.30	0.00087
113.14	-141.42	0.00090	109.60	-144.96	0.00094
106.07	-148.49	0.00095	98.99	-155.56	0.00095
91.92	-162.63	0.00095	84.85	-169.71	0.00095
77.78	-176.78	0.00094	70.71	-183.85	0.00093
63.64	-190.92	0.00089	56.57	-197.99	0.00085
205.06	-63.64	0.00025	197.99	-70.71	0.00027
190.92	-77.78	0.00028	183.85	-84.85	0.00030
176.78	-91.92	0.00032	169.71	-98.99	0.00034
162.63	-106.07	0.00036	155.56	-113.14	0.00038
152.03	-116.67	0.00038	148.49	-120.21	0.00038
146.37	-122.33	0.00038	144.96	-123.74	0.00038
143.54	-125.16	0.00038	142.13	-126.57	0.00039
140.71	-127.99	0.00040	127.99	-140.71	0.00060
126.57	-142.13	0.00063	125.16	-143.54	0.00065
123.74	-144.96	0.00068	122.33	-146.37	0.00070
120.21	-148.49	0.00073	116.67	-152.03	0.00077
113.14	-155.56	0.00078	106.07	-162.63	0.00079
98.99	-169.71	0.00078	91.92	-176.78	0.00078
84.85	-183.85	0.00077	77.78	-190.92	0.00077
70.71	-197.99	0.00076	63.64	-205.06	0.00074
212.13	-70.71	0.00022	205.06	-77.78	0.00023
197.99	-84.85	0.00024	190.92	-91.92	0.00026
183.85	-98.99	0.00028	176.78	-106.07	0.00030
169.71	-113.14	0.00031	162.63	-120.21	0.00032
159.10	-123.74	0.00032	155.56	-127.28	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00032	152.03	-130.81	0.00032
150.61	-132.23	0.00033	149.20	-133.64	0.00033
147.79	-135.06	0.00034	135.06	-147.79	0.00049
133.64	-149.20	0.00051	132.23	-150.61	0.00054
130.81	-152.03	0.00056	129.40	-153.44	0.00058
127.28	-155.56	0.00060	123.74	-159.10	0.00064

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

120.21	-162.63	0.00066	113.14	-169.71	0.00066
106.07	-176.78	0.00066	98.99	-183.85	0.00065
91.92	-190.92	0.00064	84.85	-197.99	0.00064
77.78	-205.06	0.00064	70.71	-212.13	0.00063
219.20	-77.78	0.00019	212.13	-84.85	0.00020
205.06	-91.92	0.00021	197.99	-98.99	0.00023
190.92	-106.07	0.00024	183.85	-113.14	0.00026
176.78	-120.21	0.00027	169.71	-127.28	0.00027
166.17	-130.81	0.00027	162.63	-134.35	0.00027
160.51	-136.47	0.00027	159.10	-137.89	0.00028
157.68	-139.30	0.00028	156.27	-140.71	0.00029
154.86	-142.13	0.00030	142.13	-154.86	0.00041
140.71	-156.27	0.00043	139.30	-157.68	0.00045
137.89	-159.10	0.00046	136.47	-160.51	0.00048
134.35	-162.63	0.00050	130.81	-166.17	0.00053
127.28	-169.71	0.00055	120.21	-176.78	0.00057
113.14	-183.85	0.00056	106.07	-190.92	0.00055
98.99	-197.99	0.00054	91.92	-205.06	0.00054
84.85	-212.13	0.00054	77.78	-219.20	0.00054
226.27	-84.85	0.00017	219.20	-91.92	0.00018
212.13	-98.99	0.00019	205.06	-106.07	0.00020
197.99	-113.14	0.00022	190.92	-120.21	0.00023
183.85	-127.28	0.00023	176.78	-134.35	0.00023
173.24	-137.89	0.00023	169.71	-141.42	0.00023
167.58	-143.54	0.00024	166.17	-144.96	0.00024
164.76	-146.37	0.00025	163.34	-147.79	0.00025
161.93	-149.20	0.00026	149.20	-161.93	0.00035
147.79	-163.34	0.00036	146.37	-164.76	0.00038
144.96	-166.17	0.00039	143.54	-167.58	0.00040
141.42	-169.71	0.00042	137.89	-173.24	0.00045
134.35	-176.78	0.00047	127.28	-183.85	0.00049
120.21	-190.92	0.00049	113.14	-197.99	0.00048
106.07	-205.06	0.00047	98.99	-212.13	0.00046
91.92	-219.20	0.00046	84.85	-226.27	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

233.35	-91.92	0.00015	226.27	-98.99	0.00016
219.20	-106.07	0.00017	212.13	-113.14	0.00018
205.06	-120.21	0.00020	197.99	-127.28	0.00020
190.92	-134.35	0.00020	183.85	-141.42	0.00020
180.31	-144.96	0.00020	176.78	-148.49	0.00020
174.66	-150.61	0.00021	173.24	-152.03	0.00021
171.83	-153.44	0.00022	170.41	-154.86	0.00022
169.00	-156.27	0.00023	156.27	-169.00	0.00030
154.86	-170.41	0.00031	153.44	-171.83	0.00032
152.03	-173.24	0.00033	150.61	-174.66	0.00034
148.49	-176.78	0.00036	144.96	-180.31	0.00038
141.42	-183.85	0.00040	134.35	-190.92	0.00042
127.28	-197.99	0.00043	120.21	-205.06	0.00042
113.14	-212.13	0.00041	106.07	-219.20	0.00041
98.99	-226.27	0.00040	91.92	-233.35	0.00040
240.42	-98.99	0.00014	233.35	-106.07	0.00015
226.27	-113.14	0.00016	219.20	-120.21	0.00017
212.13	-127.28	0.00018	205.06	-134.35	0.00018
197.99	-141.42	0.00018	190.92	-148.49	0.00017
187.38	-152.03	0.00018	183.85	-155.56	0.00018
181.73	-157.68	0.00018	180.31	-159.10	0.00019
178.90	-160.51	0.00019	177.48	-161.93	0.00020
176.07	-163.34	0.00020	163.34	-176.07	0.00026
161.93	-177.48	0.00027	160.51	-178.90	0.00028
159.10	-180.31	0.00029	157.68	-181.73	0.00030
155.56	-183.85	0.00031	152.03	-187.38	0.00033
148.49	-190.92	0.00035	141.42	-197.99	0.00037
134.35	-205.06	0.00038	127.28	-212.13	0.00037
120.21	-219.20	0.00037	113.14	-226.27	0.00036
106.07	-233.35	0.00035	98.99	-240.42	0.00035
247.49	-106.07	0.00013	240.42	-113.14	0.00014
233.35	-120.21	0.00014	226.27	-127.28	0.00015
219.20	-134.35	0.00016	212.13	-141.42	0.00016
205.06	-148.49	0.00016	197.99	-155.56	0.00015
194.45	-159.10	0.00016	190.92	-162.63	0.00016
188.80	-164.76	0.00017	187.38	-166.17	0.00017
185.97	-167.58	0.00017	184.55	-169.00	0.00018
183.14	-170.41	0.00018	170.41	-183.14	0.00023
169.00	-184.55	0.00024	167.58	-185.97	0.00024
166.17	-187.38	0.00025	164.76	-188.80	0.00026

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
162.63	-190.92	0.00027	159.10	-194.45	0.00029	
155.56	-197.99	0.00030	148.49	-205.06	0.00032	
141.42	-212.13	0.00033	134.35	-219.20	0.00033	
127.28	-226.27	0.00033	120.21	-233.35	0.00032	
113.14	-240.42	0.00031	106.07	-247.49	0.00031	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 18:40:16
 MODELOPTs: * Maximum train overlap at SE/NW Bound Direction ***
 PAGE 63
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-106.07	247.49	0.00017	-113.14	240.42	0.00016	
-120.21	233.35	0.00015	-127.28	226.27	0.00013	
-134.35	219.20	0.00012	-141.42	212.13	0.00011	
-148.49	205.06	0.00010	-155.56	197.99	0.00009	
-159.10	194.45	0.00009	-162.63	190.92	0.00008	
-164.76	188.80	0.00008	-166.17	187.38	0.00008	
-167.58	185.97	0.00008	-169.00	184.55	0.00008	
-170.41	183.14	0.00008	-183.14	170.41	0.00007	
-184.55	169.00	0.00007	-185.97	167.58	0.00007	
-187.38	166.17	0.00007	-188.80	164.76	0.00008	
-190.92	162.63	0.00008	-194.45	159.10	0.00008	
-197.99	155.56	0.00008	-205.06	148.49	0.00008	
-212.13	141.42	0.00008	-219.20	134.35	0.00008	
-226.27	127.28	0.00008	-233.35	120.21	0.00009	
-240.42	113.14	0.00009	-247.49	106.07	0.00010	
-98.99	240.42	0.00020	-106.07	233.35	0.00018	
-113.14	226.27	0.00016	-120.21	219.20	0.00015	
-127.28	212.13	0.00013	-134.35	205.06	0.00012	
-141.42	197.99	0.00011	-148.49	190.92	0.00010	
-152.03	187.38	0.00010	-155.56	183.85	0.00009	
-157.68	181.73	0.00009	-159.10	180.31	0.00009	
-160.51	178.90	0.00009	-161.93	177.48	0.00009	
-163.34	176.07	0.00008	-176.07	163.34	0.00008	

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-177.48	161.93	0.00008	-178.90	160.51	0.00008
-180.31	159.10	0.00008	-181.73	157.68	0.00008
-183.85	155.56	0.00008	-187.38	152.03	0.00008
-190.92	148.49	0.00008	-197.99	141.42	0.00009
-205.06	134.35	0.00009	-212.13	127.28	0.00009
-219.20	120.21	0.00009	-226.27	113.14	0.00010
-233.35	106.07	0.00010	-240.42	98.99	0.00011
-91.92	233.35	0.00022	-99.00	226.27	0.00020
-106.07	219.20	0.00018	-113.14	212.13	0.00017
-120.21	205.06	0.00015	-127.28	197.99	0.00013
-134.35	190.92	0.00012	-141.42	183.85	0.00011
-144.96	180.31	0.00010	-148.49	176.78	0.00010
-150.61	174.66	0.00010	-152.03	173.24	0.00010
-153.44	171.83	0.00009	-154.86	170.41	0.00009
-156.27	169.00	0.00009	-169.00	156.27	0.00009
-170.41	154.86	0.00009	-171.83	153.44	0.00009
-173.24	152.03	0.00009	-174.66	150.61	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00009	-180.31	144.96	0.00009
-183.85	141.42	0.00009	-190.92	134.35	0.00009
-197.99	127.28	0.00009	-205.06	120.21	0.00010
-212.13	113.14	0.00010	-219.20	106.07	0.00011
-226.27	98.99	0.00011	-233.35	91.92	0.00012
-84.85	226.27	0.00025	-91.92	219.20	0.00023
-99.00	212.13	0.00021	-106.07	205.06	0.00019
-113.14	197.99	0.00017	-120.21	190.92	0.00015
-127.28	183.85	0.00013	-134.35	176.78	0.00012
-137.89	173.24	0.00011	-141.42	169.71	0.00011
-143.54	167.58	0.00011	-144.96	166.17	0.00010
-146.37	164.76	0.00010	-147.79	163.34	0.00010
-149.20	161.93	0.00010	-161.93	149.20	0.00009
-163.34	147.79	0.00009	-164.76	146.37	0.00010
-166.17	144.96	0.00010	-167.58	143.54	0.00010
-169.71	141.42	0.00010	-173.24	137.89	0.00010
-176.78	134.35	0.00010	-183.85	127.28	0.00010

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	120.21	0.00010	-197.99	113.14	0.00011
-205.06	106.07	0.00011	-212.13	98.99	0.00012
-219.20	91.92	0.00012	-226.27	84.85	0.00013
-77.78	219.20	0.00028	-84.85	212.13	0.00026
-91.92	205.06	0.00024	-99.00	197.99	0.00021
-106.07	190.92	0.00019	-113.14	183.85	0.00017
-120.21	176.78	0.00015	-127.28	169.71	0.00013
-130.81	166.17	0.00013	-134.35	162.63	0.00012
-136.47	160.51	0.00012	-137.89	159.10	0.00011
-139.30	157.68	0.00011	-140.71	156.27	0.00011
-142.13	154.86	0.00011	-154.86	142.13	0.00010
-156.27	140.71	0.00010	-157.68	139.30	0.00010
-159.10	137.89	0.00010	-160.51	136.47	0.00010
-162.63	134.35	0.00011	-166.17	130.81	0.00011
-169.71	127.28	0.00011	-176.78	120.21	0.00011
-183.85	113.14	0.00011	-190.92	106.07	0.00012
-197.99	98.99	0.00012	-205.06	91.92	0.00013
-212.13	84.85	0.00014	-219.20	77.78	0.00015
-70.71	212.13	0.00032	-77.78	205.06	0.00030
-84.85	197.99	0.00027	-91.92	190.92	0.00024
-98.99	183.85	0.00022	-106.07	176.78	0.00019
-113.14	169.71	0.00017	-120.21	162.63	0.00015
-123.74	159.10	0.00014	-127.28	155.56	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00013	-130.81	152.03	0.00013
-132.23	150.61	0.00012	-133.64	149.20	0.00012
-135.06	147.79	0.00012	-147.79	135.06	0.00011
-149.20	133.64	0.00011	-150.61	132.23	0.00011
-152.03	130.81	0.00011	-153.44	129.40	0.00011
-155.56	127.28	0.00012	-159.10	123.74	0.00012
-162.63	120.21	0.00012	-169.71	113.14	0.00012
-176.78	106.07	0.00013	-183.85	98.99	0.00013
-190.92	91.92	0.00014	-197.99	84.85	0.00015
-205.06	77.78	0.00016	-212.13	70.71	0.00016
-63.64	205.06	0.00036	-70.71	197.99	0.00034

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	190.92	0.00031	-84.85	183.85	0.00028
-91.92	176.78	0.00025	-98.99	169.71	0.00022
-106.07	162.63	0.00019	-113.14	155.56	0.00017
-116.67	152.03	0.00016	-120.21	148.49	0.00015
-122.33	146.37	0.00014	-123.74	144.96	0.00014
-125.16	143.54	0.00014	-126.57	142.13	0.00014
-127.99	140.71	0.00013	-140.71	127.99	0.00012
-142.13	126.57	0.00013	-143.54	125.16	0.00013
-144.96	123.74	0.00013	-146.37	122.33	0.00013
-148.49	120.21	0.00013	-152.03	116.67	0.00013
-155.56	113.14	0.00013	-162.63	106.07	0.00014
-169.71	98.99	0.00014	-176.78	91.92	0.00015
-183.85	84.85	0.00016	-190.92	77.78	0.00017
-197.99	70.71	0.00018	-205.06	63.64	0.00018
-56.57	197.99	0.00041	-63.64	190.92	0.00039
-70.71	183.85	0.00036	-77.78	176.78	0.00033
-84.85	169.71	0.00029	-91.92	162.63	0.00025
-98.99	155.56	0.00022	-106.07	148.49	0.00019
-109.60	144.96	0.00018	-113.14	141.42	0.00017
-115.26	139.30	0.00016	-116.67	137.89	0.00016
-118.09	136.47	0.00015	-119.50	135.06	0.00015
-120.92	133.64	0.00015	-133.64	120.92	0.00014
-135.06	119.50	0.00014	-136.47	118.09	0.00014
-137.89	116.67	0.00014	-139.30	115.26	0.00014
-141.42	113.14	0.00014	-144.96	109.60	0.00014
-148.49	106.07	0.00015	-155.56	98.99	0.00015
-162.63	91.92	0.00016	-169.71	84.85	0.00017
-176.78	77.78	0.00018	-183.85	70.71	0.00019
-190.92	63.64	0.00020	-197.99	56.57	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTS:
 PAGE 66
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00047	-56.57	183.85	0.00045
-63.64	176.78	0.00042	-70.71	169.71	0.00039
-77.78	162.63	0.00034	-84.85	155.56	0.00030
-91.92	148.49	0.00026	-98.99	141.42	0.00022
-102.53	137.89	0.00020	-106.07	134.35	0.00019

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-108.19	132.23	0.00018	-109.60	130.81	0.00018
-111.02	129.40	0.00017	-112.43	127.99	0.00017
-113.84	126.57	0.00017	-126.57	113.84	0.00015
-127.99	112.43	0.00015	-129.40	111.02	0.00016
-130.81	109.60	0.00016	-132.23	108.19	0.00016
-134.35	106.07	0.00016	-137.89	102.53	0.00016
-141.42	98.99	0.00016	-148.49	91.92	0.00017
-155.56	84.85	0.00018	-162.63	77.78	0.00019
-169.71	70.71	0.00020	-176.78	63.64	0.00022
-183.85	56.57	0.00022	-190.92	49.50	0.00023
-42.43	183.85	0.00054	-49.50	176.78	0.00052
-56.57	169.71	0.00050	-63.64	162.63	0.00046
-70.71	155.56	0.00041	-77.78	148.49	0.00035
-84.85	141.42	0.00030	-91.92	134.35	0.00026
-95.46	130.81	0.00024	-98.99	127.28	0.00022
-101.12	125.16	0.00021	-102.53	123.74	0.00020
-103.94	122.33	0.00020	-105.36	120.92	0.00019
-106.77	119.50	0.00019	-119.50	106.77	0.00017
-120.92	105.36	0.00017	-122.33	103.94	0.00017
-123.74	102.53	0.00018	-125.16	101.12	0.00018
-127.28	98.99	0.00018	-130.81	95.46	0.00018
-134.35	91.92	0.00018	-141.42	84.85	0.00019
-148.49	77.78	0.00021	-155.56	70.71	0.00022
-162.63	63.64	0.00024	-169.71	56.57	0.00025
-176.78	49.50	0.00025	-183.85	42.43	0.00025
-35.36	176.78	0.00062	-42.43	169.71	0.00061
-49.50	162.63	0.00058	-56.57	155.56	0.00054
-63.64	148.49	0.00049	-70.71	141.42	0.00042
-77.78	134.35	0.00036	-84.85	127.28	0.00030
-88.39	123.74	0.00027	-91.92	120.21	0.00025
-94.05	118.09	0.00024	-95.46	116.67	0.00023
-96.87	115.26	0.00023	-98.29	113.84	0.00022
-99.70	112.43	0.00021	-112.43	99.70	0.00020
-113.84	98.29	0.00020	-115.26	96.87	0.00020
-116.67	95.46	0.00020	-118.09	94.05	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***
 18:40:16
 **MODELOPTS:
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 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

17NCRA NAPA95-300_DPM_TRAV_ANN_SE-NW Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00020	-123.74	88.39	0.00021
-127.28	84.85	0.00021	-134.35	77.78	0.00022
-141.42	70.71	0.00024	-148.49	63.64	0.00026
-155.56	56.57	0.00027	-162.63	49.50	0.00028
-169.71	42.43	0.00029	-176.78	35.36	0.00029
-28.28	169.71	0.00070	-35.36	162.63	0.00070
-42.43	155.56	0.00069	-49.50	148.49	0.00065
-56.57	141.42	0.00059	-63.64	134.35	0.00052
-70.71	127.28	0.00044	-77.78	120.21	0.00036
-81.32	116.67	0.00033	-84.85	113.14	0.00030
-86.97	111.02	0.00028	-88.39	109.60	0.00027
-89.80	108.19	0.00026	-91.22	106.77	0.00025
-92.63	105.36	0.00025	-105.36	92.63	0.00022
-106.77	91.22	0.00022	-108.19	89.80	0.00022
-109.60	88.39	0.00023	-111.02	86.97	0.00023
-113.14	84.85	0.00023	-116.67	81.32	0.00024
-120.21	77.78	0.00024	-127.28	70.71	0.00026
-134.35	63.64	0.00028	-141.42	56.57	0.00030
-148.49	49.50	0.00032	-155.56	42.43	0.00032
-162.63	35.36	0.00033	-169.71	28.28	0.00032
-21.21	162.63	0.00079	-28.28	155.56	0.00081
-35.36	148.49	0.00081	-42.43	141.42	0.00078
-49.50	134.35	0.00072	-56.57	127.28	0.00064
-63.64	120.21	0.00054	-70.71	113.14	0.00044
-74.25	109.60	0.00039	-77.78	106.07	0.00035
-79.90	103.94	0.00033	-81.32	102.53	0.00032
-82.73	101.12	0.00031	-84.15	99.70	0.00030
-85.56	98.29	0.00029	-98.29	85.56	0.00026
-99.70	84.15	0.00026	-101.12	82.73	0.00026
-102.53	81.32	0.00026	-103.94	79.90	0.00026
-106.07	77.78	0.00027	-109.60	74.25	0.00027
-113.14	70.71	0.00028	-120.21	63.64	0.00031
-127.28	56.57	0.00033	-134.35	49.50	0.00036
-141.42	42.43	0.00037	-148.49	35.36	0.00037
-155.56	28.28	0.00037	-162.63	21.21	0.00037
-14.14	155.56	0.00089	-21.21	148.49	0.00093
-28.28	141.42	0.00095	-35.36	134.35	0.00094
-42.43	127.28	0.00089	-49.50	120.21	0.00080
-56.57	113.14	0.00068	-63.64	106.07	0.00055
-67.18	102.53	0.00048	-70.71	98.99	0.00043

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:40:16
**MODELOPTS:

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
*** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00040	-74.25	95.46	0.00038
-75.66	94.05	0.00037	-77.07	92.63	0.00035
-78.49	91.22	0.00034	-91.22	78.49	0.00030
-92.63	77.07	0.00030	-94.05	75.66	0.00030
-95.46	74.25	0.00030	-96.87	72.83	0.00031
-98.99	70.71	0.00031	-102.53	67.18	0.00032
-106.07	63.64	0.00033	-113.14	56.57	0.00037
-120.21	49.50	0.00040	-127.28	42.43	0.00042
-134.35	35.36	0.00043	-141.42	28.28	0.00044
-148.49	21.21	0.00043	-155.56	14.14	0.00042
-7.07	148.49	0.00098	-14.14	141.42	0.00105
-21.21	134.35	0.00110	-28.28	127.28	0.00112
-35.36	120.21	0.00110	-42.43	113.14	0.00102
-49.50	106.07	0.00088	-56.57	98.99	0.00070
-60.10	95.46	0.00062	-63.64	91.92	0.00054
-65.76	89.80	0.00049	-67.18	88.39	0.00047
-68.59	86.97	0.00044	-70.00	85.56	0.00042
-71.42	84.15	0.00040	-84.15	71.42	0.00035
-85.56	70.00	0.00035	-86.97	68.59	0.00035
-88.39	67.18	0.00036	-89.80	65.76	0.00036
-91.92	63.64	0.00037	-95.46	60.10	0.00039
-98.99	56.57	0.00041	-106.07	49.50	0.00045
-113.14	42.43	0.00049	-120.21	35.36	0.00051
-127.28	28.28	0.00051	-134.35	21.21	0.00051
-141.42	14.14	0.00050	-148.49	7.07	0.00048
0.00	141.42	0.00108	-7.07	134.35	0.00117
-14.14	127.28	0.00126	-21.21	120.21	0.00132
-28.28	113.14	0.00134	-35.36	106.07	0.00129
-42.43	98.99	0.00116	-49.50	91.92	0.00094
-53.03	88.39	0.00081	-56.57	84.85	0.00069
-58.69	82.73	0.00063	-60.10	81.32	0.00059
-61.52	79.90	0.00056	-62.93	78.49	0.00052
-64.35	77.07	0.00049	-77.07	64.35	0.00041
-78.49	62.93	0.00042	-79.90	61.52	0.00042
-81.32	60.10	0.00043	-82.73	58.69	0.00044
-84.85	56.57	0.00045	-88.39	53.03	0.00047
-91.92	49.50	0.00050	-98.99	42.43	0.00056

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	35.36	0.00059	-113.14	28.28	0.00061
-120.21	21.21	0.00061	-127.28	14.14	0.00059
-134.35	7.07	0.00058	-141.42	0.00	0.00056

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 69

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00117	0.00	127.28	0.00129
-7.07	120.21	0.00142	-14.14	113.14	0.00153
-21.21	106.07	0.00162	-28.28	98.99	0.00164
-35.36	91.92	0.00154	-42.43	84.85	0.00130
-45.96	81.32	0.00113	-49.50	77.78	0.00095
-51.62	75.66	0.00084	-53.03	74.25	0.00078
-54.45	72.83	0.00072	-55.86	71.42	0.00067
-57.28	70.00	0.00062	-70.00	57.28	0.00050
-71.42	55.86	0.00051	-72.83	54.45	0.00051
-74.25	53.03	0.00052	-75.66	51.62	0.00054
-77.78	49.50	0.00056	-81.32	45.96	0.00060
-84.85	42.43	0.00064	-91.92	35.36	0.00070
-98.99	28.28	0.00073	-106.07	21.21	0.00074
-113.14	14.14	0.00073	-120.21	7.07	0.00070
-127.28	0.00	0.00068	-134.35	-7.07	0.00065
14.14	127.28	0.00124	7.07	120.21	0.00140
0.00	113.14	0.00157	-7.07	106.07	0.00174
-14.14	98.99	0.00190	-21.21	91.92	0.00202
-28.28	84.85	0.00203	-35.36	77.78	0.00183
-38.89	74.25	0.00163	-42.43	70.71	0.00137
-44.55	68.59	0.00120	-45.96	67.18	0.00110
-47.38	65.76	0.00100	-48.79	64.35	0.00090
-50.20	62.93	0.00082	-62.93	50.20	0.00061
-64.35	48.79	0.00063	-65.76	47.38	0.00064
-67.18	45.96	0.00066	-68.59	44.55	0.00068
-70.71	42.43	0.00072	-74.25	38.89	0.00078
-77.78	35.36	0.00082	-84.85	28.28	0.00089
-91.92	21.21	0.00091	-98.99	14.14	0.00090
-106.07	7.07	0.00088	-113.14	0.00	0.00084
-120.21	-7.07	0.00080	-127.28	-14.14	0.00075
21.21	120.21	0.00129	14.14	113.14	0.00148

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

7.07	106.07	0.00170	0.00	98.99	0.00194
-7.07	91.92	0.00218	-14.14	84.85	0.00242
-21.21	77.78	0.00258	-28.28	70.71	0.00256
-31.82	67.18	0.00240	-35.36	63.64	0.00211
-37.48	61.52	0.00187	-38.89	60.10	0.00170
-40.31	58.69	0.00151	-41.72	57.28	0.00134
-43.13	55.86	0.00118	-55.86	43.13	0.00078
-57.28	41.72	0.00080	-58.69	40.31	0.00084
-60.10	38.89	0.00087	-61.52	37.48	0.00091

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 70
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00096	-67.18	31.82	0.00103
-70.71	28.28	0.00108	-77.78	21.21	0.00114
-84.85	14.14	0.00115	-91.92	7.07	0.00112
-98.99	0.00	0.00106	-106.07	-7.07	0.00100
-113.14	-14.14	0.00093	-120.21	-21.21	0.00086
28.28	113.14	0.00132	21.21	106.07	0.00154
14.14	98.99	0.00179	7.07	91.92	0.00209
0.00	84.85	0.00242	-7.07	77.78	0.00278
-14.14	70.71	0.00313	-21.21	63.64	0.00337
-24.75	60.10	0.00340	-28.28	56.57	0.00326
-30.41	54.45	0.00306	-31.82	53.03	0.00285
-33.23	51.62	0.00260	-34.65	50.20	0.00230
-36.06	48.79	0.00197	-48.79	36.06	0.00105
-50.20	34.65	0.00110	-51.62	33.23	0.00116
-53.03	31.82	0.00121	-54.45	30.41	0.00126
-56.57	28.28	0.00132	-60.10	24.75	0.00140
-63.64	21.21	0.00146	-70.71	14.14	0.00150
-77.78	7.07	0.00145	-84.85	0.00	0.00137
-91.92	-7.07	0.00127	-98.99	-14.14	0.00117
-106.07	-21.21	0.00107	-113.14	-28.28	0.00097
35.36	106.07	0.00133	28.28	98.99	0.00157
21.21	91.92	0.00185	14.14	84.85	0.00219
7.07	77.78	0.00260	0.00	70.71	0.00307
-7.07	63.64	0.00359	-14.14	56.57	0.00411
-17.68	53.03	0.00434	-21.21	49.50	0.00449

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-23.33	47.38	0.00450	-24.75	45.96	0.00446
-26.16	44.55	0.00437	-27.58	43.13	0.00418
-28.99	41.72	0.00386	-41.72	28.99	0.00164
-43.13	27.58	0.00171	-44.55	26.16	0.00178
-45.96	24.75	0.00183	-47.38	23.33	0.00187
-49.50	21.21	0.00192	-53.03	17.68	0.00196
-56.57	14.14	0.00198	-63.64	7.07	0.00192
-70.71	0.00	0.00180	-77.78	-7.07	0.00165
-84.85	-14.14	0.00150	-91.92	-21.21	0.00135
-98.99	-28.28	0.00122	-106.07	-35.36	0.00110
42.43	98.99	0.00132	35.36	91.92	0.00156
28.28	84.85	0.00187	21.21	77.78	0.00224
14.14	70.71	0.00271	7.07	63.64	0.00326
0.00	56.57	0.00391	-7.07	49.50	0.00463
-10.61	45.96	0.00500	-14.14	42.43	0.00533

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00547	-17.68	38.89	0.00553
-19.09	37.48	0.00555	-20.51	36.06	0.00560
-21.92	34.65	0.00556	-34.65	21.92	0.00304
-36.06	20.51	0.00291	-37.48	19.09	0.00284
-38.89	17.68	0.00278	-40.31	16.26	0.00275
-42.43	14.14	0.00271	-45.96	10.61	0.00265
-49.50	7.07	0.00258	-56.57	0.00	0.00240
-63.64	-7.07	0.00218	-70.71	-14.14	0.00195
-77.78	-21.21	0.00173	-84.85	-28.28	0.00154
-91.92	-35.36	0.00137	-98.99	-42.43	0.00122
49.50	91.92	0.00128	42.43	84.85	0.00152
35.36	77.78	0.00183	28.28	70.71	0.00222
21.21	63.64	0.00272	14.14	56.57	0.00334
7.07	49.50	0.00408	0.00	42.43	0.00491
-3.54	38.89	0.00533	-7.07	35.36	0.00572
-9.19	33.23	0.00588	-10.61	31.82	0.00594
-12.02	30.41	0.00595	-13.44	28.99	0.00595
-14.85	27.58	0.00591	-27.58	14.85	0.00388
-28.99	13.44	0.00378	-30.41	12.02	0.00370

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	10.61	0.00363	-33.23	9.19	0.00357
-35.36	7.07	0.00347	-38.89	3.54	0.00332
-42.43	0.00	0.00317	-49.50	-7.07	0.00285
-56.57	-14.14	0.00253	-63.64	-21.21	0.00222
-70.71	-28.28	0.00195	-77.78	-35.36	0.00171
-84.85	-42.43	0.00150	-91.92	-49.50	0.00133
56.57	84.85	0.00122	49.50	77.78	0.00145
42.43	70.71	0.00175	35.36	63.64	0.00214
28.28	56.57	0.00265	21.21	49.50	0.00329
14.14	42.43	0.00408	7.07	35.36	0.00498
3.54	31.82	0.00542	0.00	28.28	0.00582
-2.12	26.16	0.00600	-3.54	24.75	0.00607
-4.95	23.33	0.00610	-6.36	21.92	0.00608
-7.78	20.51	0.00605	-20.51	7.78	0.00428
-21.92	6.36	0.00419	-23.33	4.95	0.00413
-24.75	3.54	0.00407	-26.16	2.12	0.00402
-28.28	0.00	0.00396	-31.82	-3.54	0.00382
-35.36	-7.07	0.00366	-42.43	-14.14	0.00325
-49.50	-21.21	0.00284	-56.57	-28.28	0.00246
-63.64	-35.36	0.00213	-70.71	-42.43	0.00185
-77.78	-49.50	0.00161	-84.85	-56.57	0.00141

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 72
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00114	56.57	70.71	0.00136
49.50	63.64	0.00164	42.43	56.57	0.00200
35.36	49.50	0.00249	28.28	42.43	0.00312
21.21	35.36	0.00392	14.14	28.28	0.00487
10.61	24.75	0.00536	7.07	21.21	0.00579
4.95	19.09	0.00600	3.54	17.68	0.00609
2.12	16.26	0.00614	0.71	14.85	0.00613
-0.71	13.44	0.00610	-13.44	0.71	0.00452
-14.85	-0.71	0.00444	-16.26	-2.12	0.00438
-17.68	-3.54	0.00433	-19.09	-4.95	0.00428
-21.21	-7.07	0.00421	-24.75	-10.61	0.00409
-28.28	-14.14	0.00393	-35.36	-21.21	0.00353
-42.43	-28.28	0.00309	-49.50	-35.36	0.00266

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-42.43	0.00228	-63.64	-49.50	0.00196
-70.71	-56.57	0.00170	-77.78	-63.64	0.00148
70.71	70.71	0.00104	63.64	63.64	0.00124
56.57	56.57	0.00149	49.50	49.50	0.00182
42.43	42.43	0.00225	35.36	35.36	0.00283
28.28	28.28	0.00361	21.21	21.21	0.00460
17.68	17.68	0.00514	14.14	14.14	0.00564
12.02	12.02	0.00588	10.61	10.61	0.00600
9.19	9.19	0.00607	7.78	7.78	0.00608
6.36	6.36	0.00606	-6.36	-6.36	0.00465
-7.78	-7.78	0.00458	-9.19	-9.19	0.00452
-10.61	-10.61	0.00447	-12.02	-12.02	0.00442
-14.14	-14.14	0.00435	-17.68	-17.68	0.00421
-21.21	-21.21	0.00404	-28.28	-28.28	0.00366
-35.36	-35.36	0.00322	-42.43	-42.43	0.00278
-49.50	-49.50	0.00238	-56.57	-56.57	0.00204
-63.64	-63.64	0.00175	-70.71	-70.71	0.00151
77.78	63.64	0.00094	70.71	56.57	0.00111
63.64	49.50	0.00133	56.57	42.43	0.00160
49.50	35.36	0.00197	42.43	28.28	0.00247
35.36	21.21	0.00316	28.28	14.14	0.00412
24.75	10.61	0.00470	21.21	7.07	0.00529
19.09	4.95	0.00560	17.68	3.54	0.00575
16.26	2.12	0.00586	14.85	0.71	0.00592
13.44	-0.71	0.00591	0.71	-13.44	0.00468
-0.71	-14.85	0.00461	-2.12	-16.26	0.00456
-3.54	-17.68	0.00451	-4.95	-19.09	0.00445

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00436	-10.61	-24.75	0.00421
-14.14	-28.28	0.00403	-21.21	-35.36	0.00365
-28.28	-42.43	0.00322	-35.36	-49.50	0.00280
-42.43	-56.57	0.00241	-49.50	-63.64	0.00206
-56.57	-70.71	0.00177	-63.64	-77.78	0.00153
84.85	56.57	0.00084	77.78	49.50	0.00098
70.71	42.43	0.00115	63.64	35.36	0.00138

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

56.57	28.28	0.00167	49.50	21.21	0.00206
42.43	14.14	0.00261	35.36	7.07	0.00342
31.82	3.54	0.00396	28.28	0.00	0.00459
26.16	-2.12	0.00497	24.75	-3.54	0.00520
23.33	-4.95	0.00539	21.92	-6.36	0.00552
20.51	-7.78	0.00560	7.78	-20.51	0.00463
6.36	-21.92	0.00454	4.95	-23.33	0.00448
3.54	-24.75	0.00442	2.12	-26.16	0.00436
0.00	-28.28	0.00426	-3.54	-31.82	0.00409
-7.07	-35.36	0.00391	-14.14	-42.43	0.00352
-21.21	-49.50	0.00311	-28.28	-56.57	0.00271
-35.36	-63.64	0.00235	-42.43	-70.71	0.00203
-49.50	-77.78	0.00175	-56.57	-84.85	0.00152
91.92	49.50	0.00074	84.85	42.43	0.00085
77.78	35.36	0.00099	70.71	28.28	0.00116
63.64	21.21	0.00137	56.57	14.14	0.00166
49.50	7.07	0.00204	42.43	0.00	0.00260
38.89	-3.54	0.00299	35.36	-7.07	0.00346
33.23	-9.19	0.00381	31.82	-10.61	0.00406
30.41	-12.02	0.00433	28.99	-13.44	0.00459
27.58	-14.85	0.00482	14.85	-27.58	0.00443
13.44	-28.99	0.00433	12.02	-30.41	0.00424
10.61	-31.82	0.00417	9.19	-33.23	0.00410
7.07	-35.36	0.00399	3.54	-38.89	0.00381
0.00	-42.43	0.00362	-7.07	-49.50	0.00325
-14.14	-56.57	0.00289	-21.21	-63.64	0.00254
-28.28	-70.71	0.00222	-35.36	-77.78	0.00194
-42.43	-84.85	0.00169	-49.50	-91.92	0.00148
98.99	42.43	0.00065	91.92	35.36	0.00073
84.85	28.28	0.00083	77.78	21.21	0.00096
70.71	14.14	0.00111	63.64	7.07	0.00130
56.57	0.00	0.00154	49.50	-7.07	0.00184
45.96	-10.61	0.00203	42.43	-14.14	0.00223

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00236	38.89	-17.68	0.00247

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

37.48	-19.09	0.00258	36.06	-20.51	0.00274
34.65	-21.92	0.00295	21.92	-34.65	0.00389
20.51	-36.06	0.00377	19.09	-37.48	0.00367
17.68	-38.89	0.00360	16.26	-40.31	0.00354
14.14	-42.43	0.00346	10.61	-45.96	0.00331
7.07	-49.50	0.00317	0.00	-56.57	0.00288
-7.07	-63.64	0.00259	-14.14	-70.71	0.00230
-21.21	-77.78	0.00204	-28.28	-84.85	0.00180
-35.36	-91.92	0.00159	-42.43	-98.99	0.00141
106.07	35.36	0.00055	98.99	28.28	0.00062
91.92	21.21	0.00069	84.85	14.14	0.00078
77.78	7.07	0.00088	70.71	0.00	0.00100
63.64	-7.07	0.00113	56.57	-14.14	0.00126
53.03	-17.68	0.00132	49.50	-21.21	0.00135
47.38	-23.33	0.00136	45.96	-24.75	0.00136
44.55	-26.16	0.00135	43.13	-27.58	0.00134
41.72	-28.99	0.00133	28.99	-41.72	0.00250
27.58	-43.13	0.00259	26.16	-44.55	0.00265
24.75	-45.96	0.00268	23.33	-47.38	0.00269
21.21	-49.50	0.00270	17.68	-53.03	0.00266
14.14	-56.57	0.00260	7.07	-63.64	0.00243
0.00	-70.71	0.00223	-7.07	-77.78	0.00202
-14.14	-84.85	0.00182	-21.21	-91.92	0.00164
-28.28	-98.99	0.00147	-35.36	-106.07	0.00131
113.14	28.28	0.00048	106.07	21.21	0.00052
98.99	14.14	0.00058	91.92	7.07	0.00063
84.85	0.00	0.00070	77.78	-7.07	0.00077
70.71	-14.14	0.00083	63.64	-21.21	0.00089
60.10	-24.75	0.00090	56.57	-28.28	0.00091
54.45	-30.41	0.00091	53.03	-31.82	0.00091
51.62	-33.23	0.00092	50.20	-34.65	0.00092
48.79	-36.06	0.00093	36.06	-48.79	0.00164
34.65	-50.20	0.00172	33.23	-51.62	0.00178
31.82	-53.03	0.00184	30.41	-54.45	0.00188
28.28	-56.57	0.00194	24.75	-60.10	0.00201
21.21	-63.64	0.00203	14.14	-70.71	0.00198
7.07	-77.78	0.00187	0.00	-84.85	0.00173
-7.07	-91.92	0.00159	-14.14	-98.99	0.00145
-21.21	-106.07	0.00132	-28.28	-113.14	0.00120

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:40:16

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00041	113.14	14.14	0.00044
106.07	7.07	0.00047	98.99	0.00	0.00051
91.92	-7.07	0.00055	84.85	-14.14	0.00060
77.78	-21.21	0.00064	70.71	-28.28	0.00067
67.18	-31.82	0.00068	63.64	-35.36	0.00070
61.52	-37.48	0.00070	60.10	-38.89	0.00071
58.69	-40.31	0.00071	57.28	-41.72	0.00072
55.86	-43.13	0.00072	43.13	-55.86	0.00122
41.72	-57.28	0.00128	40.31	-58.69	0.00133
38.89	-60.10	0.00137	37.48	-61.52	0.00140
35.36	-63.64	0.00144	31.82	-67.18	0.00148
28.28	-70.71	0.00151	21.21	-77.78	0.00155
14.14	-84.85	0.00152	7.07	-91.92	0.00146
0.00	-98.99	0.00137	-7.07	-106.07	0.00128
-14.14	-113.14	0.00118	-21.21	-120.21	0.00109
127.28	14.14	0.00034	120.21	7.07	0.00037
113.14	0.00	0.00039	106.07	-7.07	0.00042
98.99	-14.14	0.00045	91.92	-21.21	0.00048
84.85	-28.28	0.00051	77.78	-35.36	0.00054
74.25	-38.89	0.00055	70.71	-42.43	0.00056
68.59	-44.55	0.00057	67.18	-45.96	0.00057
65.76	-47.38	0.00057	64.35	-48.79	0.00057
62.93	-50.20	0.00058	50.20	-62.93	0.00094
48.79	-64.35	0.00099	47.38	-65.76	0.00103
45.96	-67.18	0.00107	44.55	-68.59	0.00110
42.43	-70.71	0.00113	38.89	-74.25	0.00116
35.36	-77.78	0.00117	28.28	-84.85	0.00119
21.21	-91.92	0.00120	14.14	-98.99	0.00119
7.07	-106.07	0.00115	0.00	-113.14	0.00110
-7.07	-120.21	0.00104	-14.14	-127.28	0.00097
134.35	7.07	0.00029	127.28	0.00	0.00031
120.21	-7.07	0.00033	113.14	-14.14	0.00035
106.07	-21.21	0.00037	98.99	-28.28	0.00040
91.92	-35.36	0.00043	84.85	-42.43	0.00045
81.32	-45.96	0.00046	77.78	-49.50	0.00046
75.66	-51.62	0.00046	74.25	-53.03	0.00046
72.83	-54.45	0.00046	71.42	-55.86	0.00047
70.00	-57.28	0.00048	57.28	-70.00	0.00074
55.86	-71.42	0.00078	54.45	-72.83	0.00081

53.03 -74.25 0.00085 51.62 -75.66 0.00087

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00090	45.96	-81.32	0.00094
42.43	-84.85	0.00095	35.36	-91.92	0.00095
28.28	-98.99	0.00095	21.21	-106.07	0.00095
14.14	-113.14	0.00094	7.07	-120.21	0.00093
0.00	-127.28	0.00089	-7.07	-134.35	0.00085
141.42	0.00	0.00025	134.35	-7.07	0.00027
127.28	-14.14	0.00028	120.21	-21.21	0.00030
113.14	-28.28	0.00032	106.07	-35.36	0.00034
98.99	-42.43	0.00036	91.92	-49.50	0.00038
88.39	-53.03	0.00038	84.85	-56.57	0.00038
82.73	-58.69	0.00038	81.32	-60.10	0.00038
79.90	-61.52	0.00038	78.49	-62.93	0.00039
77.07	-64.35	0.00040	64.35	-77.07	0.00060
62.93	-78.49	0.00063	61.52	-79.90	0.00065
60.10	-81.32	0.00068	58.69	-82.73	0.00070
56.57	-84.85	0.00073	53.03	-88.39	0.00077
49.50	-91.92	0.00078	42.43	-98.99	0.00079
35.36	-106.07	0.00078	28.28	-113.14	0.00078
21.21	-120.21	0.00077	14.14	-127.28	0.00077
7.07	-134.35	0.00076	0.00	-141.42	0.00074
148.49	-7.07	0.00022	141.42	-14.14	0.00023
134.35	-21.21	0.00024	127.28	-28.28	0.00026
120.21	-35.36	0.00028	113.14	-42.43	0.00030
106.07	-49.50	0.00031	98.99	-56.57	0.00032
95.46	-60.10	0.00032	91.92	-63.64	0.00032
89.80	-65.76	0.00032	88.39	-67.18	0.00032
86.97	-68.59	0.00033	85.56	-70.00	0.00033
84.15	-71.42	0.00034	71.42	-84.15	0.00049
70.00	-85.56	0.00051	68.59	-86.97	0.00054
67.18	-88.39	0.00056	65.76	-89.80	0.00058
63.64	-91.92	0.00060	60.10	-95.46	0.00064
56.57	-98.99	0.00066	49.50	-106.07	0.00066
42.43	-113.14	0.00066	35.36	-120.21	0.00065

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-127.28	0.00064	21.21	-134.35	0.00064
14.14	-141.42	0.00064	7.07	-148.49	0.00063
155.56	-14.14	0.00019	148.49	-21.21	0.00020
141.42	-28.28	0.00021	134.35	-35.36	0.00023
127.28	-42.43	0.00024	120.21	-49.50	0.00026
113.14	-56.57	0.00027	106.07	-63.64	0.00027
102.53	-67.18	0.00027	98.99	-70.71	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00027	95.46	-74.25	0.00028
94.05	-75.66	0.00028	92.63	-77.07	0.00029
91.22	-78.49	0.00030	78.49	-91.22	0.00041
77.07	-92.63	0.00043	75.66	-94.05	0.00045
74.25	-95.46	0.00046	72.83	-96.87	0.00048
70.71	-98.99	0.00050	67.18	-102.53	0.00053
63.64	-106.07	0.00055	56.57	-113.14	0.00057
49.50	-120.21	0.00056	42.43	-127.28	0.00055
35.36	-134.35	0.00054	28.28	-141.42	0.00054
21.21	-148.49	0.00054	14.14	-155.56	0.00054
162.63	-21.21	0.00017	155.56	-28.28	0.00018
148.49	-35.36	0.00019	141.42	-42.43	0.00020
134.35	-49.50	0.00022	127.28	-56.57	0.00023
120.21	-63.64	0.00023	113.14	-70.71	0.00023
109.60	-74.25	0.00023	106.07	-77.78	0.00023
103.94	-79.90	0.00024	102.53	-81.32	0.00024
101.12	-82.73	0.00025	99.70	-84.15	0.00025
98.29	-85.56	0.00026	85.56	-98.29	0.00035
84.15	-99.70	0.00036	82.73	-101.12	0.00038
81.32	-102.53	0.00039	79.90	-103.94	0.00040
77.78	-106.07	0.00042	74.25	-109.60	0.00045
70.71	-113.14	0.00047	63.64	-120.21	0.00049
56.57	-127.28	0.00049	49.50	-134.35	0.00048
42.43	-141.42	0.00047	35.36	-148.49	0.00046
28.28	-155.56	0.00046	21.21	-162.63	0.00046
169.71	-28.28	0.00015	162.63	-35.36	0.00016
155.56	-42.43	0.00017	148.49	-49.50	0.00018

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-56.57	0.00020	134.35	-63.64	0.00020
127.28	-70.71	0.00020	120.21	-77.78	0.00020
116.67	-81.32	0.00020	113.14	-84.85	0.00020
111.02	-86.97	0.00021	109.60	-88.39	0.00021
108.19	-89.80	0.00022	106.77	-91.22	0.00022
105.36	-92.63	0.00023	92.63	-105.36	0.00030
91.22	-106.77	0.00031	89.80	-108.19	0.00032
88.39	-109.60	0.00033	86.97	-111.02	0.00034
84.85	-113.14	0.00036	81.32	-116.67	0.00038
77.78	-120.21	0.00040	70.71	-127.28	0.00042
63.64	-134.35	0.00043	56.57	-141.42	0.00042
49.50	-148.49	0.00041	42.43	-155.56	0.00041
35.36	-162.63	0.00040	28.28	-169.71	0.00040

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00014	169.71	-42.43	0.00015
162.63	-49.50	0.00016	155.56	-56.57	0.00017
148.49	-63.64	0.00018	141.42	-70.71	0.00018
134.35	-77.78	0.00018	127.28	-84.85	0.00017
123.74	-88.39	0.00018	120.21	-91.92	0.00018
118.09	-94.05	0.00018	116.67	-95.46	0.00019
115.26	-96.87	0.00019	113.84	-98.29	0.00020
112.43	-99.70	0.00020	99.70	-112.43	0.00026
98.29	-113.84	0.00027	96.87	-115.26	0.00028
95.46	-116.67	0.00029	94.05	-118.09	0.00030
91.92	-120.21	0.00031	88.39	-123.74	0.00033
84.85	-127.28	0.00035	77.78	-134.35	0.00037
70.71	-141.42	0.00038	63.64	-148.49	0.00037
56.57	-155.56	0.00037	49.50	-162.63	0.00036
42.43	-169.71	0.00035	35.36	-176.78	0.00035
183.85	-42.43	0.00013	176.78	-49.50	0.00014
169.71	-56.57	0.00014	162.63	-63.64	0.00015
155.56	-70.71	0.00016	148.49	-77.78	0.00016
141.42	-84.85	0.00016	134.35	-91.92	0.00015
130.81	-95.46	0.00016	127.28	-98.99	0.00016
125.16	-101.12	0.00017	123.74	-102.53	0.00017

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

122.33	-103.94	0.00017	120.92	-105.36	0.00018
119.50	-106.77	0.00018	106.77	-119.50	0.00023
105.36	-120.92	0.00024	103.94	-122.33	0.00024
102.53	-123.74	0.00025	101.12	-125.16	0.00026
98.99	-127.28	0.00027	95.46	-130.81	0.00029
91.92	-134.35	0.00030	84.85	-141.42	0.00032
77.78	-148.49	0.00033	70.71	-155.56	0.00033
63.64	-162.63	0.00033	56.57	-169.71	0.00032
49.50	-176.78	0.00031	42.43	-183.85	0.00031
190.92	-49.50	0.00012	183.85	-56.57	0.00013
176.78	-63.64	0.00013	169.71	-70.71	0.00014
162.63	-77.78	0.00014	155.56	-84.85	0.00014
148.49	-91.92	0.00014	141.42	-98.99	0.00014
137.89	-102.53	0.00014	134.35	-106.07	0.00015
132.23	-108.19	0.00015	130.81	-109.60	0.00015
129.40	-111.02	0.00015	127.99	-112.43	0.00016
126.57	-113.84	0.00016	113.84	-126.57	0.00020
112.43	-127.99	0.00021	111.02	-129.40	0.00022
109.60	-130.81	0.00022	108.19	-132.23	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

18:40:16

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00024	102.53	-137.89	0.00025
98.99	-141.42	0.00026	91.92	-148.49	0.00028
84.85	-155.56	0.00030	77.78	-162.63	0.00030
70.71	-169.71	0.00030	63.64	-176.78	0.00029
56.57	-183.85	0.00028	49.50	-190.92	0.00028
197.99	-56.57	0.00011	190.92	-63.64	0.00012
183.85	-70.71	0.00012	176.78	-77.78	0.00013
169.71	-84.85	0.00013	162.63	-91.92	0.00013
155.56	-98.99	0.00012	148.49	-106.07	0.00012
144.96	-109.60	0.00013	141.42	-113.14	0.00013
139.30	-115.26	0.00013	137.89	-116.67	0.00014
136.47	-118.09	0.00014	135.06	-119.50	0.00014
133.64	-120.92	0.00015	120.92	-133.64	0.00018
119.50	-135.06	0.00019	118.09	-136.47	0.00019
116.67	-137.89	0.00020	115.26	-139.30	0.00020

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

113.14	-141.42	0.00021	109.60	-144.96	0.00022
106.07	-148.49	0.00023	98.99	-155.56	0.00025
91.92	-162.63	0.00026	84.85	-169.71	0.00027
77.78	-176.78	0.00027	70.71	-183.85	0.00026
63.64	-190.92	0.00026	56.57	-197.99	0.00025
205.06	-63.64	0.00010	197.99	-70.71	0.00011
190.92	-77.78	0.00011	183.85	-84.85	0.00011
176.78	-91.92	0.00011	169.71	-98.99	0.00011
162.63	-106.07	0.00011	155.56	-113.14	0.00011
152.03	-116.67	0.00012	148.49	-120.21	0.00012
146.37	-122.33	0.00012	144.96	-123.74	0.00012
143.54	-125.16	0.00013	142.13	-126.57	0.00013
140.71	-127.99	0.00013	127.99	-140.71	0.00016
126.57	-142.13	0.00017	125.16	-143.54	0.00017
123.74	-144.96	0.00018	122.33	-146.37	0.00018
120.21	-148.49	0.00019	116.67	-152.03	0.00020
113.14	-155.56	0.00021	106.07	-162.63	0.00022
98.99	-169.71	0.00024	91.92	-176.78	0.00024
84.85	-183.85	0.00024	77.78	-190.92	0.00024
70.71	-197.99	0.00023	63.64	-205.06	0.00023
212.13	-70.71	0.00010	205.06	-77.78	0.00010
197.99	-84.85	0.00010	190.92	-91.92	0.00010
183.85	-98.99	0.00010	176.78	-106.07	0.00010
169.71	-113.14	0.00010	162.63	-120.21	0.00010
159.10	-123.74	0.00011	155.56	-127.28	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00011	152.03	-130.81	0.00011
150.61	-132.23	0.00012	149.20	-133.64	0.00012
147.79	-135.06	0.00012	135.06	-147.79	0.00015
133.64	-149.20	0.00015	132.23	-150.61	0.00015
130.81	-152.03	0.00016	129.40	-153.44	0.00016
127.28	-155.56	0.00017	123.74	-159.10	0.00018
120.21	-162.63	0.00018	113.14	-169.71	0.00020
106.07	-176.78	0.00021	98.99	-183.85	0.00022
91.92	-190.92	0.00022	84.85	-197.99	0.00022

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-205.06	0.00022	70.71	-212.13	0.00021
219.20	-77.78	0.00009	212.13	-84.85	0.00009
205.06	-91.92	0.00010	197.99	-98.99	0.00010
190.92	-106.07	0.00009	183.85	-113.14	0.00009
176.78	-120.21	0.00009	169.71	-127.28	0.00009
166.17	-130.81	0.00010	162.63	-134.35	0.00010
160.51	-136.47	0.00010	159.10	-137.89	0.00010
157.68	-139.30	0.00011	156.27	-140.71	0.00011
154.86	-142.13	0.00011	142.13	-154.86	0.00013
140.71	-156.27	0.00014	139.30	-157.68	0.00014
137.89	-159.10	0.00014	136.47	-160.51	0.00015
134.35	-162.63	0.00015	130.81	-166.17	0.00016
127.28	-169.71	0.00017	120.21	-176.78	0.00018
113.14	-183.85	0.00019	106.07	-190.92	0.00020
98.99	-197.99	0.00020	91.92	-205.06	0.00020
84.85	-212.13	0.00020	77.78	-219.20	0.00019
226.27	-84.85	0.00008	219.20	-91.92	0.00009
212.13	-98.99	0.00009	205.06	-106.07	0.00009
197.99	-113.14	0.00009	190.92	-120.21	0.00008
183.85	-127.28	0.00008	176.78	-134.35	0.00009
173.24	-137.89	0.00009	169.71	-141.42	0.00009
167.58	-143.54	0.00010	166.17	-144.96	0.00010
164.76	-146.37	0.00010	163.34	-147.79	0.00010
161.93	-149.20	0.00010	149.20	-161.93	0.00012
147.79	-163.34	0.00012	146.37	-164.76	0.00013
144.96	-166.17	0.00013	143.54	-167.58	0.00013
141.42	-169.71	0.00014	137.89	-173.24	0.00014
134.35	-176.78	0.00015	127.28	-183.85	0.00016
120.21	-190.92	0.00017	113.14	-197.99	0.00018
106.07	-205.06	0.00019	98.99	-212.13	0.00019
91.92	-219.20	0.00018	84.85	-226.27	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00008	226.27	-98.99	0.00008
219.20	-106.07	0.00008	212.13	-113.14	0.00008
205.06	-120.21	0.00008	197.99	-127.28	0.00008

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-134.35	0.00008	183.85	-141.42	0.00008
180.31	-144.96	0.00008	176.78	-148.49	0.00009
174.66	-150.61	0.00009	173.24	-152.03	0.00009
171.83	-153.44	0.00009	170.41	-154.86	0.00009
169.00	-156.27	0.00009	156.27	-169.00	0.00011
154.86	-170.41	0.00011	153.44	-171.83	0.00012
152.03	-173.24	0.00012	150.61	-174.66	0.00012
148.49	-176.78	0.00012	144.96	-180.31	0.00013
141.42	-183.85	0.00014	134.35	-190.92	0.00015
127.28	-197.99	0.00016	120.21	-205.06	0.00017
113.14	-212.13	0.00017	106.07	-219.20	0.00017
98.99	-226.27	0.00017	91.92	-233.35	0.00017
240.42	-98.99	0.00007	233.35	-106.07	0.00007
226.27	-113.14	0.00007	219.20	-120.21	0.00007
212.13	-127.28	0.00007	205.06	-134.35	0.00007
197.99	-141.42	0.00007	190.92	-148.49	0.00008
187.38	-152.03	0.00008	183.85	-155.56	0.00008
181.73	-157.68	0.00008	180.31	-159.10	0.00008
178.90	-160.51	0.00008	177.48	-161.93	0.00009
176.07	-163.34	0.00009	163.34	-176.07	0.00010
161.93	-177.48	0.00010	160.51	-178.90	0.00011
159.10	-180.31	0.00011	157.68	-181.73	0.00011
155.56	-183.85	0.00011	152.03	-187.38	0.00012
148.49	-190.92	0.00012	141.42	-197.99	0.00013
134.35	-205.06	0.00014	127.28	-212.13	0.00015
120.21	-219.20	0.00016	113.14	-226.27	0.00016
106.07	-233.35	0.00016	98.99	-240.42	0.00016
247.49	-106.07	0.00007	240.42	-113.14	0.00007
233.35	-120.21	0.00007	226.27	-127.28	0.00007
219.20	-134.35	0.00007	212.13	-141.42	0.00007
205.06	-148.49	0.00007	197.99	-155.56	0.00007
194.45	-159.10	0.00007	190.92	-162.63	0.00007
188.80	-164.76	0.00008	187.38	-166.17	0.00008
185.97	-167.58	0.00008	184.55	-169.00	0.00008
183.14	-170.41	0.00008	170.41	-183.14	0.00009
169.00	-184.55	0.00010	167.58	-185.97	0.00010
166.17	-187.38	0.00010	164.76	-188.80	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00011	159.10	-194.45	0.00011
155.56	-197.99	0.00011	148.49	-205.06	0.00012
141.42	-212.13	0.00013	134.35	-219.20	0.00014
127.28	-226.27	0.00014	120.21	-233.35	0.00015
113.14	-240.42	0.00015	106.07	-247.49	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00054	-113.14	240.42	0.00052
-120.21	233.35	0.00050	-127.28	226.27	0.00046
-134.35	219.20	0.00041	-141.42	212.13	0.00035
-148.49	205.06	0.00030	-155.56	197.99	0.00026
-159.10	194.45	0.00024	-162.63	190.92	0.00022
-164.76	188.80	0.00021	-166.17	187.38	0.00020
-167.58	185.97	0.00020	-169.00	184.55	0.00019
-170.41	183.14	0.00019	-183.14	170.41	0.00017
-184.55	169.00	0.00017	-185.97	167.58	0.00017
-187.38	166.17	0.00018	-188.80	164.76	0.00018
-190.92	162.63	0.00018	-194.45	159.10	0.00018
-197.99	155.56	0.00018	-205.06	148.49	0.00019
-212.13	141.42	0.00021	-219.20	134.35	0.00022
-226.27	127.28	0.00024	-233.35	120.21	0.00025
-240.42	113.14	0.00025	-247.49	106.07	0.00025
-98.99	240.42	0.00062	-106.07	233.35	0.00061
-113.14	226.27	0.00058	-120.21	219.20	0.00054
-127.28	212.13	0.00049	-134.35	205.06	0.00042
-141.42	197.99	0.00036	-148.49	190.92	0.00030
-152.03	187.38	0.00027	-155.56	183.85	0.00025
-157.68	181.73	0.00024	-159.10	180.31	0.00023
-160.51	178.90	0.00023	-161.93	177.48	0.00022
-163.34	176.07	0.00021	-176.07	163.34	0.00020
-177.48	161.93	0.00020	-178.90	160.51	0.00020
-180.31	159.10	0.00020	-181.73	157.68	0.00020
-183.85	155.56	0.00020	-187.38	152.03	0.00021

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	148.49	0.00021	-197.99	141.42	0.00022
-205.06	134.35	0.00024	-212.13	127.28	0.00026
-219.20	120.21	0.00027	-226.27	113.14	0.00028
-233.35	106.07	0.00029	-240.42	98.99	0.00029
-91.92	233.35	0.00070	-99.00	226.27	0.00070
-106.07	219.20	0.00069	-113.14	212.13	0.00065
-120.21	205.06	0.00059	-127.28	197.99	0.00052
-134.35	190.92	0.00044	-141.42	183.85	0.00036
-144.96	180.31	0.00033	-148.49	176.78	0.00030
-150.61	174.66	0.00028	-152.03	173.24	0.00027
-153.44	171.83	0.00026	-154.86	170.41	0.00025
-156.27	169.00	0.00025	-169.00	156.27	0.00022
-170.41	154.86	0.00022	-171.83	153.44	0.00022
-173.24	152.03	0.00023	-174.66	150.61	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00023	-180.31	144.96	0.00024
-183.85	141.42	0.00024	-190.92	134.35	0.00026
-197.99	127.28	0.00028	-205.06	120.21	0.00030
-212.13	113.14	0.00032	-219.20	106.07	0.00032
-226.27	98.99	0.00033	-233.35	91.92	0.00032
-84.85	226.27	0.00079	-91.92	219.20	0.00081
-99.00	212.13	0.00081	-106.07	205.06	0.00078
-113.14	197.99	0.00072	-120.21	190.92	0.00064
-127.28	183.85	0.00054	-134.35	176.78	0.00044
-137.89	173.24	0.00039	-141.42	169.71	0.00035
-143.54	167.58	0.00033	-144.96	166.17	0.00032
-146.37	164.76	0.00031	-147.79	163.34	0.00030
-149.20	161.93	0.00029	-161.93	149.20	0.00026
-163.34	147.79	0.00026	-164.76	146.37	0.00026
-166.17	144.96	0.00026	-167.58	143.54	0.00026
-169.71	141.42	0.00027	-173.24	137.89	0.00027
-176.78	134.35	0.00028	-183.85	127.28	0.00031
-190.92	120.21	0.00033	-197.99	113.14	0.00036
-205.06	106.07	0.00037	-212.13	98.99	0.00037
-219.20	91.92	0.00037	-226.27	84.85	0.00037

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	219.20	0.00089	-84.85	212.13	0.00093
-91.92	205.06	0.00095	-99.00	197.99	0.00094
-106.07	190.92	0.00089	-113.14	183.85	0.00080
-120.21	176.78	0.00068	-127.28	169.71	0.00055
-130.81	166.17	0.00048	-134.35	162.63	0.00043
-136.47	160.51	0.00040	-137.89	159.10	0.00038
-139.30	157.68	0.00037	-140.71	156.27	0.00035
-142.13	154.86	0.00034	-154.86	142.13	0.00030
-156.27	140.71	0.00030	-157.68	139.30	0.00030
-159.10	137.89	0.00030	-160.51	136.47	0.00031
-162.63	134.35	0.00031	-166.17	130.81	0.00032
-169.71	127.28	0.00033	-176.78	120.21	0.00037
-183.85	113.14	0.00040	-190.92	106.07	0.00042
-197.99	98.99	0.00043	-205.06	91.92	0.00044
-212.13	84.85	0.00043	-219.20	77.78	0.00042
-70.71	212.13	0.00098	-77.78	205.06	0.00105
-84.85	197.99	0.00110	-91.92	190.92	0.00112
-98.99	183.85	0.00110	-106.07	176.78	0.00102
-113.14	169.71	0.00088	-120.21	162.63	0.00070
-123.74	159.10	0.00062	-127.28	155.56	0.00054

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00049	-130.81	152.03	0.00047
-132.23	150.61	0.00044	-133.64	149.20	0.00042
-135.06	147.79	0.00040	-147.79	135.06	0.00035
-149.20	133.64	0.00035	-150.61	132.23	0.00035
-152.03	130.81	0.00036	-153.44	129.40	0.00036
-155.56	127.28	0.00037	-159.10	123.74	0.00039
-162.63	120.21	0.00041	-169.71	113.14	0.00045
-176.78	106.07	0.00049	-183.85	98.99	0.00051
-190.92	91.92	0.00051	-197.99	84.85	0.00051
-205.06	77.78	0.00050	-212.13	70.71	0.00048
-63.64	205.06	0.00108	-70.71	197.99	0.00117
-77.78	190.92	0.00126	-84.85	183.85	0.00132
-91.92	176.78	0.00134	-98.99	169.71	0.00129
-106.07	162.63	0.00116	-113.14	155.56	0.00094

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-116.67	152.03	0.00081	-120.21	148.49	0.00069
-122.33	146.37	0.00063	-123.74	144.96	0.00059
-125.16	143.54	0.00056	-126.57	142.13	0.00052
-127.99	140.71	0.00049	-140.71	127.99	0.00041
-142.13	126.57	0.00042	-143.54	125.16	0.00042
-144.96	123.74	0.00043	-146.37	122.33	0.00044
-148.49	120.21	0.00045	-152.03	116.67	0.00047
-155.56	113.14	0.00050	-162.63	106.07	0.00056
-169.71	98.99	0.00059	-176.78	91.92	0.00061
-183.85	84.85	0.00061	-190.92	77.78	0.00059
-197.99	70.71	0.00058	-205.06	63.64	0.00056
-56.57	197.99	0.00117	-63.64	190.92	0.00129
-70.71	183.85	0.00142	-77.78	176.78	0.00153
-84.85	169.71	0.00162	-91.92	162.63	0.00164
-98.99	155.56	0.00154	-106.07	148.49	0.00130
-109.60	144.96	0.00113	-113.14	141.42	0.00095
-115.26	139.30	0.00084	-116.67	137.89	0.00078
-118.09	136.47	0.00072	-119.50	135.06	0.00067
-120.92	133.64	0.00062	-133.64	120.92	0.00050
-135.06	119.50	0.00051	-136.47	118.09	0.00051
-137.89	116.67	0.00052	-139.30	115.26	0.00054
-141.42	113.14	0.00056	-144.96	109.60	0.00060
-148.49	106.07	0.00064	-155.56	98.99	0.00070
-162.63	91.92	0.00073	-169.71	84.85	0.00074
-176.78	77.78	0.00073	-183.85	70.71	0.00070
-190.92	63.64	0.00068	-197.99	56.57	0.00065

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00124	-56.57	183.85	0.00140
-63.64	176.78	0.00157	-70.71	169.71	0.00174
-77.78	162.63	0.00190	-84.85	155.56	0.00202
-91.92	148.49	0.00203	-98.99	141.42	0.00183
-102.53	137.89	0.00163	-106.07	134.35	0.00137
-108.19	132.23	0.00120	-109.60	130.81	0.00110
-111.02	129.40	0.00100	-112.43	127.99	0.00090
-113.84	126.57	0.00082	-126.57	113.84	0.00061

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	112.43	0.00063	-129.40	111.02	0.00064
-130.81	109.60	0.00066	-132.23	108.19	0.00068
-134.35	106.07	0.00072	-137.89	102.53	0.00078
-141.42	98.99	0.00082	-148.49	91.92	0.00089
-155.56	84.85	0.00091	-162.63	77.78	0.00090
-169.71	70.71	0.00088	-176.78	63.64	0.00084
-183.85	56.57	0.00080	-190.92	49.50	0.00075
-42.43	183.85	0.00129	-49.50	176.78	0.00148
-56.57	169.71	0.00170	-63.64	162.63	0.00194
-70.71	155.56	0.00218	-77.78	148.49	0.00242
-84.85	141.42	0.00258	-91.92	134.35	0.00256
-95.46	130.81	0.00240	-98.99	127.28	0.00211
-101.12	125.16	0.00187	-102.53	123.74	0.00170
-103.94	122.33	0.00152	-105.36	120.92	0.00134
-106.77	119.50	0.00118	-119.50	106.77	0.00078
-120.92	105.36	0.00080	-122.33	103.94	0.00084
-123.74	102.53	0.00087	-125.16	101.12	0.00091
-127.28	98.99	0.00096	-130.81	95.46	0.00103
-134.35	91.92	0.00108	-141.42	84.85	0.00114
-148.49	77.78	0.00115	-155.56	70.71	0.00112
-162.63	63.64	0.00106	-169.71	56.57	0.00100
-176.78	49.50	0.00093	-183.85	42.43	0.00086
-35.36	176.78	0.00132	-42.43	169.71	0.00154
-49.50	162.63	0.00179	-56.57	155.56	0.00209
-63.64	148.49	0.00242	-70.71	141.42	0.00278
-77.78	134.35	0.00313	-84.85	127.28	0.00337
-88.39	123.74	0.00340	-91.92	120.21	0.00326
-94.05	118.09	0.00306	-95.46	116.67	0.00285
-96.87	115.26	0.00260	-98.29	113.84	0.00230
-99.70	112.43	0.00197	-112.43	99.70	0.00105
-113.84	98.29	0.00110	-115.26	96.87	0.00116
-116.67	95.46	0.00121	-118.09	94.05	0.00126

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00132	-123.74	88.39	0.00140
-127.28	84.85	0.00146	-134.35	77.78	0.00150

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	70.71	0.00145	-148.49	63.64	0.00137
-155.56	56.57	0.00127	-162.63	49.50	0.00117
-169.71	42.43	0.00107	-176.78	35.36	0.00097
-28.28	169.71	0.00133	-35.36	162.63	0.00157
-42.43	155.56	0.00185	-49.50	148.49	0.00219
-56.57	141.42	0.00260	-63.64	134.35	0.00307
-70.71	127.28	0.00359	-77.78	120.21	0.00411
-81.32	116.67	0.00434	-84.85	113.14	0.00449
-86.97	111.02	0.00450	-88.39	109.60	0.00446
-89.80	108.19	0.00437	-91.22	106.77	0.00418
-92.63	105.36	0.00386	-105.36	92.63	0.00164
-106.77	91.22	0.00171	-108.19	89.80	0.00178
-109.60	88.39	0.00183	-111.02	86.97	0.00187
-113.14	84.85	0.00192	-116.67	81.32	0.00196
-120.21	77.78	0.00198	-127.28	70.71	0.00192
-134.35	63.64	0.00180	-141.42	56.57	0.00165
-148.49	49.50	0.00150	-155.56	42.43	0.00135
-162.63	35.36	0.00122	-169.71	28.28	0.00110
-21.21	162.63	0.00132	-28.28	155.56	0.00156
-35.36	148.49	0.00187	-42.43	141.42	0.00224
-49.50	134.35	0.00271	-56.57	127.28	0.00326
-63.64	120.21	0.00391	-70.71	113.14	0.00463
-74.25	109.60	0.00500	-77.78	106.07	0.00533
-79.90	103.94	0.00547	-81.32	102.53	0.00553
-82.73	101.12	0.00555	-84.15	99.70	0.00560
-85.56	98.29	0.00556	-98.29	85.56	0.00304
-99.70	84.15	0.00291	-101.12	82.73	0.00284
-102.53	81.32	0.00278	-103.94	79.90	0.00275
-106.07	77.78	0.00271	-109.60	74.25	0.00265
-113.14	70.71	0.00258	-120.21	63.64	0.00240
-127.28	56.57	0.00218	-134.35	49.50	0.00195
-141.42	42.43	0.00173	-148.49	35.36	0.00154
-155.56	28.28	0.00137	-162.63	21.21	0.00122
-14.14	155.56	0.00128	-21.21	148.49	0.00152
-28.28	141.42	0.00183	-35.36	134.35	0.00222
-42.43	127.28	0.00272	-49.50	120.21	0.00334
-56.57	113.14	0.00408	-63.64	106.07	0.00491
-67.18	102.53	0.00533	-70.71	98.99	0.00572

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00588	-74.25	95.46	0.00594
-75.66	94.05	0.00595	-77.07	92.63	0.00595
-78.49	91.22	0.00591	-91.22	78.49	0.00388
-92.63	77.07	0.00378	-94.05	75.66	0.00370
-95.46	74.25	0.00363	-96.87	72.83	0.00357
-98.99	70.71	0.00347	-102.53	67.18	0.00332
-106.07	63.64	0.00317	-113.14	56.57	0.00285
-120.21	49.50	0.00253	-127.28	42.43	0.00222
-134.35	35.36	0.00195	-141.42	28.28	0.00171
-148.49	21.21	0.00150	-155.56	14.14	0.00133
-7.07	148.49	0.00122	-14.14	141.42	0.00145
-21.21	134.35	0.00175	-28.28	127.28	0.00214
-35.36	120.21	0.00265	-42.43	113.14	0.00329
-49.50	106.07	0.00408	-56.57	98.99	0.00498
-60.10	95.46	0.00542	-63.64	91.92	0.00582
-65.76	89.80	0.00600	-67.18	88.39	0.00607
-68.59	86.97	0.00610	-70.00	85.56	0.00608
-71.42	84.15	0.00605	-84.15	71.42	0.00428
-85.56	70.00	0.00419	-86.97	68.59	0.00413
-88.39	67.18	0.00407	-89.80	65.76	0.00402
-91.92	63.64	0.00396	-95.46	60.10	0.00382
-98.99	56.57	0.00366	-106.07	49.50	0.00325
-113.14	42.43	0.00284	-120.21	35.36	0.00246
-127.28	28.28	0.00213	-134.35	21.21	0.00185
-141.42	14.14	0.00161	-148.49	7.07	0.00141
0.00	141.42	0.00114	-7.07	134.35	0.00136
-14.14	127.28	0.00164	-21.21	120.21	0.00200
-28.28	113.14	0.00249	-35.36	106.07	0.00312
-42.43	98.99	0.00392	-49.50	91.92	0.00487
-53.03	88.39	0.00536	-56.57	84.85	0.00579
-58.69	82.73	0.00600	-60.10	81.32	0.00609
-61.52	79.90	0.00614	-62.93	78.49	0.00613
-64.35	77.07	0.00610	-77.07	64.35	0.00452
-78.49	62.93	0.00444	-79.90	61.52	0.00438
-81.32	60.10	0.00433	-82.73	58.69	0.00428
-84.85	56.57	0.00421	-88.39	53.03	0.00409
-91.92	49.50	0.00393	-98.99	42.43	0.00353
-106.07	35.36	0.00309	-113.14	28.28	0.00266
-120.21	21.21	0.00228	-127.28	14.14	0.00196
-134.35	7.07	0.00170	-141.42	0.00	0.00148

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

18:40:16

**MODELOPTs:

PAGE 89

*** Maximum train overlap at SE/NW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00104	0.00	127.28	0.00124
-7.07	120.21	0.00149	-14.14	113.14	0.00182
-21.21	106.07	0.00225	-28.28	98.99	0.00283
-35.36	91.92	0.00361	-42.43	84.85	0.00460
-45.96	81.32	0.00514	-49.50	77.78	0.00564
-51.62	75.66	0.00588	-53.03	74.25	0.00600
-54.45	72.83	0.00607	-55.86	71.42	0.00608
-57.28	70.00	0.00606	-70.00	57.28	0.00465
-71.42	55.86	0.00458	-72.83	54.45	0.00452
-74.25	53.03	0.00447	-75.66	51.62	0.00442
-77.78	49.50	0.00435	-81.32	45.96	0.00421
-84.85	42.43	0.00404	-91.92	35.36	0.00366
-98.99	28.28	0.00322	-106.07	21.21	0.00278
-113.14	14.14	0.00238	-120.21	7.07	0.00204
-127.28	0.00	0.00175	-134.35	-7.07	0.00151
14.14	127.28	0.00094	7.07	120.21	0.00111
0.00	113.14	0.00133	-7.07	106.07	0.00160
-14.14	98.99	0.00197	-21.21	91.92	0.00247
-28.28	84.85	0.00316	-35.36	77.78	0.00412
-38.89	74.25	0.00470	-42.43	70.71	0.00529
-44.55	68.59	0.00560	-45.96	67.18	0.00575
-47.38	65.76	0.00586	-48.79	64.35	0.00592
-50.20	62.93	0.00591	-62.93	50.20	0.00468
-64.35	48.79	0.00461	-65.76	47.38	0.00456
-67.18	45.96	0.00451	-68.59	44.55	0.00445
-70.71	42.43	0.00436	-74.25	38.89	0.00421
-77.78	35.36	0.00403	-84.85	28.28	0.00365
-91.92	21.21	0.00322	-98.99	14.14	0.00280
-106.07	7.07	0.00241	-113.14	0.00	0.00206
-120.21	-7.07	0.00177	-127.28	-14.14	0.00153
21.21	120.21	0.00084	14.14	113.14	0.00098
7.07	106.07	0.00115	0.00	98.99	0.00138
-7.07	91.92	0.00167	-14.14	84.85	0.00206
-21.21	77.78	0.00261	-28.28	70.71	0.00342

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	67.18	0.00396	-35.36	63.64	0.00459
-37.48	61.52	0.00497	-38.89	60.10	0.00520
-40.31	58.69	0.00539	-41.72	57.28	0.00552
-43.13	55.86	0.00560	-55.86	43.13	0.00463
-57.28	41.72	0.00454	-58.69	40.31	0.00448
-60.10	38.89	0.00442	-61.52	37.48	0.00436

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00426	-67.18	31.82	0.00409
-70.71	28.28	0.00391	-77.78	21.21	0.00352
-84.85	14.14	0.00311	-91.92	7.07	0.00271
-98.99	0.00	0.00235	-106.07	-7.07	0.00203
-113.14	-14.14	0.00175	-120.21	-21.21	0.00152
28.28	113.14	0.00074	21.21	106.07	0.00085
14.14	98.99	0.00099	7.07	91.92	0.00116
0.00	84.85	0.00137	-7.07	77.78	0.00166
-14.14	70.71	0.00204	-21.21	63.64	0.00260
-24.75	60.10	0.00299	-28.28	56.57	0.00346
-30.41	54.45	0.00381	-31.82	53.03	0.00406
-33.23	51.62	0.00433	-34.65	50.20	0.00459
-36.06	48.79	0.00482	-48.79	36.06	0.00443
-50.20	34.65	0.00433	-51.62	33.23	0.00424
-53.03	31.82	0.00417	-54.45	30.41	0.00410
-56.57	28.28	0.00399	-60.10	24.75	0.00381
-63.64	21.21	0.00362	-70.71	14.14	0.00325
-77.78	7.07	0.00289	-84.85	0.00	0.00254
-91.92	-7.07	0.00222	-98.99	-14.14	0.00194
-106.07	-21.21	0.00169	-113.14	-28.28	0.00148
35.36	106.07	0.00065	28.28	98.99	0.00073
21.21	91.92	0.00083	14.14	84.85	0.00096
7.07	77.78	0.00111	0.00	70.71	0.00130
-7.07	63.64	0.00154	-14.14	56.57	0.00184
-17.68	53.03	0.00203	-21.21	49.50	0.00223
-23.33	47.38	0.00236	-24.75	45.96	0.00247
-26.16	44.55	0.00258	-27.58	43.13	0.00274
-28.99	41.72	0.00295	-41.72	28.99	0.00389

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	27.58	0.00377	-44.55	26.16	0.00367
-45.96	24.75	0.00360	-47.38	23.33	0.00354
-49.50	21.21	0.00346	-53.03	17.68	0.00331
-56.57	14.14	0.00317	-63.64	7.07	0.00288
-70.71	0.00	0.00259	-77.78	-7.07	0.00230
-84.85	-14.14	0.00204	-91.92	-21.21	0.00180
-98.99	-28.28	0.00159	-106.07	-35.36	0.00141
42.43	98.99	0.00055	35.36	91.92	0.00062
28.28	84.85	0.00069	21.21	77.78	0.00078
14.14	70.71	0.00088	7.07	63.64	0.00100
0.00	56.57	0.00113	-7.07	49.50	0.00126
-10.61	45.96	0.00132	-14.14	42.43	0.00135

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 91
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00136	-17.68	38.89	0.00136
-19.09	37.48	0.00135	-20.51	36.06	0.00134
-21.92	34.65	0.00133	-34.65	21.92	0.00250
-36.06	20.51	0.00259	-37.48	19.09	0.00265
-38.89	17.68	0.00268	-40.31	16.26	0.00269
-42.43	14.14	0.00270	-45.96	10.61	0.00266
-49.50	7.07	0.00260	-56.57	0.00	0.00243
-63.64	-7.07	0.00223	-70.71	-14.14	0.00202
-77.78	-21.21	0.00182	-84.85	-28.28	0.00164
-91.92	-35.36	0.00146	-98.99	-42.43	0.00131
49.50	91.92	0.00048	42.43	84.85	0.00052
35.36	77.78	0.00058	28.28	70.71	0.00063
21.21	63.64	0.00070	14.14	56.57	0.00077
7.07	49.50	0.00083	0.00	42.43	0.00089
-3.54	38.89	0.00090	-7.07	35.36	0.00091
-9.19	33.23	0.00091	-10.61	31.82	0.00091
-12.02	30.41	0.00092	-13.44	28.99	0.00092
-14.85	27.58	0.00093	-27.58	14.85	0.00164
-28.99	13.44	0.00172	-30.41	12.02	0.00178
-31.82	10.61	0.00184	-33.23	9.19	0.00188
-35.36	7.07	0.00194	-38.89	3.54	0.00201
-42.43	0.00	0.00203	-49.50	-7.07	0.00198

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-14.14	0.00187	-63.64	-21.21	0.00173
-70.71	-28.28	0.00159	-77.78	-35.36	0.00145
-84.85	-42.43	0.00132	-91.92	-49.50	0.00120
56.57	84.85	0.00041	49.50	77.78	0.00044
42.43	70.71	0.00047	35.36	63.64	0.00051
28.28	56.57	0.00055	21.21	49.50	0.00060
14.14	42.43	0.00064	7.07	35.36	0.00067
3.54	31.82	0.00068	0.00	28.28	0.00070
-2.12	26.16	0.00070	-3.54	24.75	0.00071
-4.95	23.33	0.00071	-6.36	21.92	0.00072
-7.78	20.51	0.00072	-20.51	7.78	0.00122
-21.92	6.36	0.00128	-23.33	4.95	0.00133
-24.75	3.54	0.00137	-26.16	2.12	0.00140
-28.28	0.00	0.00144	-31.82	-3.54	0.00148
-35.36	-7.07	0.00151	-42.43	-14.14	0.00155
-49.50	-21.21	0.00152	-56.57	-28.28	0.00146
-63.64	-35.36	0.00137	-70.71	-42.43	0.00128
-77.78	-49.50	0.00118	-84.85	-56.57	0.00109

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00034	56.57	70.71	0.00037
49.50	63.64	0.00039	42.43	56.57	0.00042
35.36	49.50	0.00045	28.28	42.43	0.00048
21.21	35.36	0.00051	14.14	28.28	0.00054
10.61	24.75	0.00055	7.07	21.21	0.00056
4.95	19.09	0.00057	3.54	17.68	0.00057
2.12	16.26	0.00057	0.71	14.85	0.00057
-0.71	13.44	0.00058	-13.44	0.71	0.00094
-14.85	-0.71	0.00099	-16.26	-2.12	0.00103
-17.68	-3.54	0.00107	-19.09	-4.95	0.00110
-21.21	-7.07	0.00113	-24.75	-10.61	0.00116
-28.28	-14.14	0.00117	-35.36	-21.21	0.00119
-42.43	-28.28	0.00120	-49.50	-35.36	0.00119
-56.57	-42.43	0.00115	-63.64	-49.50	0.00110
-70.71	-56.57	0.00104	-77.78	-63.64	0.00097
70.71	70.71	0.00029	63.64	63.64	0.00031

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

56.57	56.57	0.00033	49.50	49.50	0.00035
42.43	42.43	0.00037	35.36	35.36	0.00040
28.28	28.28	0.00043	21.21	21.21	0.00045
17.68	17.68	0.00046	14.14	14.14	0.00046
12.02	12.02	0.00046	10.61	10.61	0.00046
9.19	9.19	0.00046	7.78	7.78	0.00047
6.36	6.36	0.00048	-6.36	-6.36	0.00074
-7.78	-7.78	0.00078	-9.19	-9.19	0.00081
-10.61	-10.61	0.00085	-12.02	-12.02	0.00087
-14.14	-14.14	0.00090	-17.68	-17.68	0.00094
-21.21	-21.21	0.00095	-28.28	-28.28	0.00095
-35.36	-35.36	0.00095	-42.43	-42.43	0.00095
-49.50	-49.50	0.00094	-56.57	-56.57	0.00093
-63.64	-63.64	0.00089	-70.71	-70.71	0.00085
77.78	63.64	0.00025	70.71	56.57	0.00027
63.64	49.50	0.00028	56.57	42.43	0.00030
49.50	35.36	0.00032	42.43	28.28	0.00034
35.36	21.21	0.00036	28.28	14.14	0.00038
24.75	10.61	0.00038	21.21	7.07	0.00038
19.09	4.95	0.00038	17.68	3.54	0.00038
16.26	2.12	0.00038	14.85	0.71	0.00039
13.44	-0.71	0.00040	0.71	-13.44	0.00060
-0.71	-14.85	0.00063	-2.12	-16.26	0.00065
-3.54	-17.68	0.00068	-4.95	-19.09	0.00070

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00073	-10.61	-24.75	0.00077
-14.14	-28.28	0.00078	-21.21	-35.36	0.00079
-28.28	-42.43	0.00078	-35.36	-49.50	0.00078
-42.43	-56.57	0.00077	-49.50	-63.64	0.00077
-56.57	-70.71	0.00076	-63.64	-77.78	0.00074
84.85	56.57	0.00022	77.78	49.50	0.00023
70.71	42.43	0.00024	63.64	35.36	0.00026
56.57	28.28	0.00028	49.50	21.21	0.00030
42.43	14.14	0.00031	35.36	7.07	0.00032
31.82	3.54	0.00032	28.28	0.00	0.00032

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

26.16	-2.12	0.00032	24.75	-3.54	0.00032
23.33	-4.95	0.00033	21.92	-6.36	0.00033
20.51	-7.78	0.00034	7.78	-20.51	0.00049
6.36	-21.92	0.00051	4.95	-23.33	0.00054
3.54	-24.75	0.00056	2.12	-26.16	0.00058
0.00	-28.28	0.00060	-3.54	-31.82	0.00064
-7.07	-35.36	0.00066	-14.14	-42.43	0.00066
-21.21	-49.50	0.00066	-28.28	-56.57	0.00065
-35.36	-63.64	0.00064	-42.43	-70.71	0.00064
-49.50	-77.78	0.00064	-56.57	-84.85	0.00063
91.92	49.50	0.00019	84.85	42.43	0.00020
77.78	35.36	0.00021	70.71	28.28	0.00023
63.64	21.21	0.00024	56.57	14.14	0.00026
49.50	7.07	0.00027	42.43	0.00	0.00027
38.89	-3.54	0.00027	35.36	-7.07	0.00027
33.23	-9.19	0.00027	31.82	-10.61	0.00028
30.41	-12.02	0.00028	28.99	-13.44	0.00029
27.58	-14.85	0.00030	14.85	-27.58	0.00041
13.44	-28.99	0.00043	12.02	-30.41	0.00045
10.61	-31.82	0.00046	9.19	-33.23	0.00048
7.07	-35.36	0.00050	3.54	-38.89	0.00053
0.00	-42.43	0.00055	-7.07	-49.50	0.00057
-14.14	-56.57	0.00056	-21.21	-63.64	0.00055
-28.28	-70.71	0.00054	-35.36	-77.78	0.00054
-42.43	-84.85	0.00054	-49.50	-91.92	0.00054
98.99	42.43	0.00017	91.92	35.36	0.00018
84.85	28.28	0.00019	77.78	21.21	0.00020
70.71	14.14	0.00022	63.64	7.07	0.00023
56.57	0.00	0.00023	49.50	-7.07	0.00023
45.96	-10.61	0.00023	42.43	-14.14	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00024	38.89	-17.68	0.00024
37.48	-19.09	0.00025	36.06	-20.51	0.00025
34.65	-21.92	0.00026	21.92	-34.65	0.00035
20.51	-36.06	0.00036	19.09	-37.48	0.00038

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

17.68	-38.89	0.00039	16.26	-40.31	0.00040
14.14	-42.43	0.00042	10.61	-45.96	0.00045
7.07	-49.50	0.00047	0.00	-56.57	0.00049
-7.07	-63.64	0.00049	-14.14	-70.71	0.00048
-21.21	-77.78	0.00047	-28.28	-84.85	0.00046
-35.36	-91.92	0.00046	-42.43	-98.99	0.00046
106.07	35.36	0.00015	98.99	28.28	0.00016
91.92	21.21	0.00017	84.85	14.14	0.00018
77.78	7.07	0.00020	70.71	0.00	0.00020
63.64	-7.07	0.00020	56.57	-14.14	0.00020
53.03	-17.68	0.00020	49.50	-21.21	0.00020
47.38	-23.33	0.00021	45.96	-24.75	0.00021
44.55	-26.16	0.00022	43.13	-27.58	0.00022
41.72	-28.99	0.00023	28.99	-41.72	0.00030
27.58	-43.13	0.00031	26.16	-44.55	0.00032
24.75	-45.96	0.00033	23.33	-47.38	0.00034
21.21	-49.50	0.00036	17.68	-53.03	0.00038
14.14	-56.57	0.00040	7.07	-63.64	0.00042
0.00	-70.71	0.00043	-7.07	-77.78	0.00042
-14.14	-84.85	0.00041	-21.21	-91.92	0.00041
-28.28	-98.99	0.00040	-35.36	-106.07	0.00040
113.14	28.28	0.00014	106.07	21.21	0.00015
98.99	14.14	0.00016	91.92	7.07	0.00017
84.85	0.00	0.00018	77.78	-7.07	0.00018
70.71	-14.14	0.00018	63.64	-21.21	0.00017
60.10	-24.75	0.00018	56.57	-28.28	0.00018
54.45	-30.41	0.00018	53.03	-31.82	0.00019
51.62	-33.23	0.00019	50.20	-34.65	0.00020
48.79	-36.06	0.00020	36.06	-48.79	0.00026
34.65	-50.20	0.00027	33.23	-51.62	0.00028
31.82	-53.03	0.00029	30.41	-54.45	0.00030
28.28	-56.57	0.00031	24.75	-60.10	0.00033
21.21	-63.64	0.00035	14.14	-70.71	0.00037
7.07	-77.78	0.00038	0.00	-84.85	0.00037
-7.07	-91.92	0.00037	-14.14	-98.99	0.00036
-21.21	-106.07	0.00035	-28.28	-113.14	0.00035

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00013	113.14	14.14	0.00014
106.07	7.07	0.00014	98.99	0.00	0.00015
91.92	-7.07	0.00016	84.85	-14.14	0.00016
77.78	-21.21	0.00016	70.71	-28.28	0.00015
67.18	-31.82	0.00016	63.64	-35.36	0.00016
61.52	-37.48	0.00017	60.10	-38.89	0.00017
58.69	-40.31	0.00017	57.28	-41.72	0.00018
55.86	-43.13	0.00018	43.13	-55.86	0.00023
41.72	-57.28	0.00024	40.31	-58.69	0.00024
38.89	-60.10	0.00025	37.48	-61.52	0.00026
35.36	-63.64	0.00027	31.82	-67.18	0.00029
28.28	-70.71	0.00030	21.21	-77.78	0.00032
14.14	-84.85	0.00033	7.07	-91.92	0.00033
0.00	-98.99	0.00033	-7.07	-106.07	0.00032
-14.14	-113.14	0.00031	-21.21	-120.21	0.00031
127.28	14.14	0.00012	120.21	7.07	0.00013
113.14	0.00	0.00013	106.07	-7.07	0.00014
98.99	-14.14	0.00014	91.92	-21.21	0.00014
84.85	-28.28	0.00014	77.78	-35.36	0.00014
74.25	-38.89	0.00014	70.71	-42.43	0.00015
68.59	-44.55	0.00015	67.18	-45.96	0.00015
65.76	-47.38	0.00015	64.35	-48.79	0.00016
62.93	-50.20	0.00016	50.20	-62.93	0.00020
48.79	-64.35	0.00021	47.38	-65.76	0.00022
45.96	-67.18	0.00022	44.55	-68.59	0.00023
42.43	-70.71	0.00024	38.89	-74.25	0.00025
35.36	-77.78	0.00026	28.28	-84.85	0.00028
21.21	-91.92	0.00030	14.14	-98.99	0.00030
7.07	-106.07	0.00030	0.00	-113.14	0.00029
-7.07	-120.21	0.00028	-14.14	-127.28	0.00028
134.35	7.07	0.00011	127.28	0.00	0.00012
120.21	-7.07	0.00012	113.14	-14.14	0.00013
106.07	-21.21	0.00013	98.99	-28.28	0.00013
91.92	-35.36	0.00012	84.85	-42.43	0.00012
81.32	-45.96	0.00013	77.78	-49.50	0.00013
75.66	-51.62	0.00013	74.25	-53.03	0.00014
72.83	-54.45	0.00014	71.42	-55.86	0.00014
70.00	-57.28	0.00015	57.28	-70.00	0.00018
55.86	-71.42	0.00019	54.45	-72.83	0.00019
53.03	-74.25	0.00020	51.62	-75.66	0.00020

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
49.50	-77.78	0.00021	45.96	-81.32	0.00022	
42.43	-84.85	0.00023	35.36	-91.92	0.00025	
28.28	-98.99	0.00026	21.21	-106.07	0.00027	
14.14	-113.14	0.00027	7.07	-120.21	0.00026	
0.00	-127.28	0.00026	-7.07	-134.35	0.00025	
141.42	0.00	0.00010	134.35	-7.07	0.00011	
127.28	-14.14	0.00011	120.21	-21.21	0.00011	
113.14	-28.28	0.00011	106.07	-35.36	0.00011	
98.99	-42.43	0.00011	91.92	-49.50	0.00011	
88.39	-53.03	0.00012	84.85	-56.57	0.00012	
82.73	-58.69	0.00012	81.32	-60.10	0.00012	
79.90	-61.52	0.00013	78.49	-62.93	0.00013	
77.07	-64.35	0.00013	64.35	-77.07	0.00016	
62.93	-78.49	0.00017	61.52	-79.90	0.00017	
60.10	-81.32	0.00018	58.69	-82.73	0.00018	
56.57	-84.85	0.00019	53.03	-88.39	0.00020	
49.50	-91.92	0.00021	42.43	-98.99	0.00022	
35.36	-106.07	0.00024	28.28	-113.14	0.00024	
21.21	-120.21	0.00024	14.14	-127.28	0.00024	
7.07	-134.35	0.00023	0.00	-141.42	0.00023	
148.49	-7.07	0.00010	141.42	-14.14	0.00010	
134.35	-21.21	0.00010	127.28	-28.28	0.00010	
120.21	-35.36	0.00010	113.14	-42.43	0.00010	
106.07	-49.50	0.00010	98.99	-56.57	0.00010	
95.46	-60.10	0.00011	91.92	-63.64	0.00011	
89.80	-65.76	0.00011	88.39	-67.18	0.00011	
86.97	-68.59	0.00012	85.56	-70.00	0.00012	
84.15	-71.42	0.00012	71.42	-84.15	0.00015	
70.00	-85.56	0.00015	68.59	-86.97	0.00015	
67.18	-88.39	0.00016	65.76	-89.80	0.00016	
63.64	-91.92	0.00017	60.10	-95.46	0.00018	
56.57	-98.99	0.00018	49.50	-106.07	0.00020	
42.43	-113.14	0.00021	35.36	-120.21	0.00022	
28.28	-127.28	0.00022	21.21	-134.35	0.00022	
14.14	-141.42	0.00022	7.07	-148.49	0.00021	
155.56	-14.14	0.00009	148.49	-21.21	0.00009	

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-28.28	0.00010	134.35	-35.36	0.00010
127.28	-42.43	0.00009	120.21	-49.50	0.00009
113.14	-56.57	0.00009	106.07	-63.64	0.00009
102.53	-67.18	0.00010	98.99	-70.71	0.00010

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00010	95.46	-74.25	0.00010
94.05	-75.66	0.00011	92.63	-77.07	0.00011
91.22	-78.49	0.00011	78.49	-91.22	0.00013
77.07	-92.63	0.00014	75.66	-94.05	0.00014
74.25	-95.46	0.00014	72.83	-96.87	0.00015
70.71	-98.99	0.00015	67.18	-102.53	0.00016
63.64	-106.07	0.00017	56.57	-113.14	0.00018
49.50	-120.21	0.00019	42.43	-127.28	0.00020
35.36	-134.35	0.00020	28.28	-141.42	0.00020
21.21	-148.49	0.00020	14.14	-155.56	0.00019
162.63	-21.21	0.00008	155.56	-28.28	0.00009
148.49	-35.36	0.00009	141.42	-42.43	0.00009
134.35	-49.50	0.00009	127.28	-56.57	0.00008
120.21	-63.64	0.00008	113.14	-70.71	0.00009
109.60	-74.25	0.00009	106.07	-77.78	0.00009
103.94	-79.90	0.00010	102.53	-81.32	0.00010
101.12	-82.73	0.00010	99.70	-84.15	0.00010
98.29	-85.56	0.00010	85.56	-98.29	0.00012
84.15	-99.70	0.00012	82.73	-101.12	0.00013
81.32	-102.53	0.00013	79.90	-103.94	0.00013
77.78	-106.07	0.00014	74.25	-109.60	0.00014
70.71	-113.14	0.00015	63.64	-120.21	0.00016
56.57	-127.28	0.00017	49.50	-134.35	0.00018
42.43	-141.42	0.00019	35.36	-148.49	0.00019
28.28	-155.56	0.00018	21.21	-162.63	0.00018
169.71	-28.28	0.00008	162.63	-35.36	0.00008
155.56	-42.43	0.00008	148.49	-49.50	0.00008
141.42	-56.57	0.00008	134.35	-63.64	0.00008
127.28	-70.71	0.00008	120.21	-77.78	0.00008
116.67	-81.32	0.00008	113.14	-84.85	0.00009

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

111.02	-86.97	0.00009	109.60	-88.39	0.00009
108.19	-89.80	0.00009	106.77	-91.22	0.00009
105.36	-92.63	0.00009	92.63	-105.36	0.00011
91.22	-106.77	0.00011	89.80	-108.19	0.00012
88.39	-109.60	0.00012	86.97	-111.02	0.00012
84.85	-113.14	0.00012	81.32	-116.67	0.00013
77.78	-120.21	0.00014	70.71	-127.28	0.00015
63.64	-134.35	0.00016	56.57	-141.42	0.00017
49.50	-148.49	0.00017	42.43	-155.56	0.00017
35.36	-162.63	0.00017	28.28	-169.71	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00007	169.71	-42.43	0.00007
162.63	-49.50	0.00007	155.56	-56.57	0.00007
148.49	-63.64	0.00007	141.42	-70.71	0.00007
134.35	-77.78	0.00007	127.28	-84.85	0.00008
123.74	-88.39	0.00008	120.21	-91.92	0.00008
118.09	-94.05	0.00008	116.67	-95.46	0.00008
115.26	-96.87	0.00008	113.84	-98.29	0.00009
112.43	-99.70	0.00009	99.70	-112.43	0.00010
98.29	-113.84	0.00010	96.87	-115.26	0.00011
95.46	-116.67	0.00011	94.05	-118.09	0.00011
91.92	-120.21	0.00011	88.39	-123.74	0.00012
84.85	-127.28	0.00012	77.78	-134.35	0.00013
70.71	-141.42	0.00014	63.64	-148.49	0.00015
56.57	-155.56	0.00016	49.50	-162.63	0.00016
42.43	-169.71	0.00016	35.36	-176.78	0.00016
183.85	-42.43	0.00007	176.78	-49.50	0.00007
169.71	-56.57	0.00007	162.63	-63.64	0.00007
155.56	-70.71	0.00007	148.49	-77.78	0.00007
141.42	-84.85	0.00007	134.35	-91.92	0.00007
130.81	-95.46	0.00007	127.28	-98.99	0.00007
125.16	-101.12	0.00008	123.74	-102.53	0.00008
122.33	-103.94	0.00008	120.92	-105.36	0.00008
119.50	-106.77	0.00008	106.77	-119.50	0.00009
105.36	-120.92	0.00010	103.94	-122.33	0.00010

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

102.53	-123.74	0.00010	101.12	-125.16	0.00010
98.99	-127.28	0.00011	95.46	-130.81	0.00011
91.92	-134.35	0.00011	84.85	-141.42	0.00012
77.78	-148.49	0.00013	70.71	-155.56	0.00014
63.64	-162.63	0.00014	56.57	-169.71	0.00015
49.50	-176.78	0.00015	42.43	-183.85	0.00015
190.92	-49.50	0.00006	183.85	-56.57	0.00006
176.78	-63.64	0.00006	169.71	-70.71	0.00006
162.63	-77.78	0.00006	155.56	-84.85	0.00006
148.49	-91.92	0.00006	141.42	-98.99	0.00007
137.89	-102.53	0.00007	134.35	-106.07	0.00007
132.23	-108.19	0.00007	130.81	-109.60	0.00007
129.40	-111.02	0.00007	127.99	-112.43	0.00007
126.57	-113.84	0.00008	113.84	-126.57	0.00009
112.43	-127.99	0.00009	111.02	-129.40	0.00009
109.60	-130.81	0.00009	108.19	-132.23	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00010	102.53	-137.89	0.00010
98.99	-141.42	0.00011	91.92	-148.49	0.00011
84.85	-155.56	0.00012	77.78	-162.63	0.00013
70.71	-169.71	0.00013	63.64	-176.78	0.00014
56.57	-183.85	0.00014	49.50	-190.92	0.00014
197.99	-56.57	0.00006	190.92	-63.64	0.00006
183.85	-70.71	0.00006	176.78	-77.78	0.00006
169.71	-84.85	0.00006	162.63	-91.92	0.00006
155.56	-98.99	0.00006	148.49	-106.07	0.00006
144.96	-109.60	0.00006	141.42	-113.14	0.00007
139.30	-115.26	0.00007	137.89	-116.67	0.00007
136.47	-118.09	0.00007	135.06	-119.50	0.00007
133.64	-120.92	0.00007	120.92	-133.64	0.00008
119.50	-135.06	0.00008	118.09	-136.47	0.00008
116.67	-137.89	0.00009	115.26	-139.30	0.00009
113.14	-141.42	0.00009	109.60	-144.96	0.00009
106.07	-148.49	0.00010	98.99	-155.56	0.00010
91.92	-162.63	0.00011	84.85	-169.71	0.00012

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-176.78	0.00012	70.71	-183.85	0.00013
63.64	-190.92	0.00013	56.57	-197.99	0.00013
205.06	-63.64	0.00006	197.99	-70.71	0.00006
190.92	-77.78	0.00005	183.85	-84.85	0.00005
176.78	-91.92	0.00005	169.71	-98.99	0.00005
162.63	-106.07	0.00006	155.56	-113.14	0.00006
152.03	-116.67	0.00006	148.49	-120.21	0.00006
146.37	-122.33	0.00006	144.96	-123.74	0.00006
143.54	-125.16	0.00006	142.13	-126.57	0.00006
140.71	-127.99	0.00007	127.99	-140.71	0.00008
126.57	-142.13	0.00008	125.16	-143.54	0.00008
123.74	-144.96	0.00008	122.33	-146.37	0.00008
120.21	-148.49	0.00008	116.67	-152.03	0.00009
113.14	-155.56	0.00009	106.07	-162.63	0.00010
98.99	-169.71	0.00010	91.92	-176.78	0.00011
84.85	-183.85	0.00011	77.78	-190.92	0.00012
70.71	-197.99	0.00012	63.64	-205.06	0.00012
212.13	-70.71	0.00005	205.06	-77.78	0.00005
197.99	-84.85	0.00005	190.92	-91.92	0.00005
183.85	-98.99	0.00005	176.78	-106.07	0.00005
169.71	-113.14	0.00005	162.63	-120.21	0.00005
159.10	-123.74	0.00006	155.56	-127.28	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00006	152.03	-130.81	0.00006
150.61	-132.23	0.00006	149.20	-133.64	0.00006
147.79	-135.06	0.00006	135.06	-147.79	0.00007
133.64	-149.20	0.00007	132.23	-150.61	0.00007
130.81	-152.03	0.00007	129.40	-153.44	0.00008
127.28	-155.56	0.00008	123.74	-159.10	0.00008
120.21	-162.63	0.00008	113.14	-169.71	0.00009
106.07	-176.78	0.00010	98.99	-183.85	0.00010
91.92	-190.92	0.00011	84.85	-197.99	0.00011
77.78	-205.06	0.00011	70.71	-212.13	0.00011
219.20	-77.78	0.00005	212.13	-84.85	0.00005
205.06	-91.92	0.00005	197.99	-98.99	0.00005

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-106.07	0.00005	183.85	-113.14	0.00005
176.78	-120.21	0.00005	169.71	-127.28	0.00005
166.17	-130.81	0.00005	162.63	-134.35	0.00005
160.51	-136.47	0.00006	159.10	-137.89	0.00006
157.68	-139.30	0.00006	156.27	-140.71	0.00006
154.86	-142.13	0.00006	142.13	-154.86	0.00007
140.71	-156.27	0.00007	139.30	-157.68	0.00007
137.89	-159.10	0.00007	136.47	-160.51	0.00007
134.35	-162.63	0.00007	130.81	-166.17	0.00008
127.28	-169.71	0.00008	120.21	-176.78	0.00008
113.14	-183.85	0.00009	106.07	-190.92	0.00009
98.99	-197.99	0.00010	91.92	-205.06	0.00010
84.85	-212.13	0.00010	77.78	-219.20	0.00010
226.27	-84.85	0.00005	219.20	-91.92	0.00005
212.13	-98.99	0.00004	205.06	-106.07	0.00004
197.99	-113.14	0.00004	190.92	-120.21	0.00004
183.85	-127.28	0.00005	176.78	-134.35	0.00005
173.24	-137.89	0.00005	169.71	-141.42	0.00005
167.58	-143.54	0.00005	166.17	-144.96	0.00005
164.76	-146.37	0.00005	163.34	-147.79	0.00005
161.93	-149.20	0.00005	149.20	-161.93	0.00006
147.79	-163.34	0.00006	146.37	-164.76	0.00006
144.96	-166.17	0.00007	143.54	-167.58	0.00007
141.42	-169.71	0.00007	137.89	-173.24	0.00007
134.35	-176.78	0.00007	127.28	-183.85	0.00008
120.21	-190.92	0.00008	113.14	-197.99	0.00009
106.07	-205.06	0.00009	98.99	-212.13	0.00009
91.92	-219.20	0.00010	84.85	-226.27	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00004	226.27	-98.99	0.00004
219.20	-106.07	0.00004	212.13	-113.14	0.00004
205.06	-120.21	0.00004	197.99	-127.28	0.00004
190.92	-134.35	0.00004	183.85	-141.42	0.00005
180.31	-144.96	0.00005	176.78	-148.49	0.00005
174.66	-150.61	0.00005	173.24	-152.03	0.00005

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

171.83	-153.44	0.00005	170.41	-154.86	0.00005
169.00	-156.27	0.00005	156.27	-169.00	0.00006
154.86	-170.41	0.00006	153.44	-171.83	0.00006
152.03	-173.24	0.00006	150.61	-174.66	0.00006
148.49	-176.78	0.00006	144.96	-180.31	0.00007
141.42	-183.85	0.00007	134.35	-190.92	0.00007
127.28	-197.99	0.00008	120.21	-205.06	0.00008
113.14	-212.13	0.00009	106.07	-219.20	0.00009
98.99	-226.27	0.00009	91.92	-233.35	0.00009
240.42	-98.99	0.00004	233.35	-106.07	0.00004
226.27	-113.14	0.00004	219.20	-120.21	0.00004
212.13	-127.28	0.00004	205.06	-134.35	0.00004
197.99	-141.42	0.00004	190.92	-148.49	0.00004
187.38	-152.03	0.00004	183.85	-155.56	0.00005
181.73	-157.68	0.00005	180.31	-159.10	0.00005
178.90	-160.51	0.00005	177.48	-161.93	0.00005
176.07	-163.34	0.00005	163.34	-176.07	0.00006
161.93	-177.48	0.00006	160.51	-178.90	0.00006
159.10	-180.31	0.00006	157.68	-181.73	0.00006
155.56	-183.85	0.00006	152.03	-187.38	0.00006
148.49	-190.92	0.00006	141.42	-197.99	0.00007
134.35	-205.06	0.00007	127.28	-212.13	0.00008
120.21	-219.20	0.00008	113.14	-226.27	0.00008
106.07	-233.35	0.00009	98.99	-240.42	0.00009
247.49	-106.07	0.00004	240.42	-113.14	0.00004
233.35	-120.21	0.00004	226.27	-127.28	0.00004
219.20	-134.35	0.00004	212.13	-141.42	0.00004
205.06	-148.49	0.00004	197.99	-155.56	0.00004
194.45	-159.10	0.00004	190.92	-162.63	0.00004
188.80	-164.76	0.00004	187.38	-166.17	0.00004
185.97	-167.58	0.00005	184.55	-169.00	0.00005
183.14	-170.41	0.00005	170.41	-183.14	0.00005
169.00	-184.55	0.00005	167.58	-185.97	0.00005
166.17	-187.38	0.00005	164.76	-188.80	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

162.63	-190.92	0.00006	159.10	-194.45	0.00006
155.56	-197.99	0.00006	148.49	-205.06	0.00006
141.42	-212.13	0.00007	134.35	-219.20	0.00007
127.28	-226.27	0.00007	120.21	-233.35	0.00008
113.14	-240.42	0.00008	106.07	-247.49	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00129	-113.14	240.42	0.00148
-120.21	233.35	0.00170	-127.28	226.27	0.00194
-134.35	219.20	0.00218	-141.42	212.13	0.00242
-148.49	205.06	0.00258	-155.56	197.99	0.00256
-159.10	194.45	0.00240	-162.63	190.92	0.00211
-164.76	188.80	0.00187	-166.17	187.38	0.00170
-167.58	185.97	0.00152	-169.00	184.55	0.00134
-170.41	183.14	0.00118	-183.14	170.41	0.00078
-184.55	169.00	0.00080	-185.97	167.58	0.00084
-187.38	166.17	0.00087	-188.80	164.76	0.00091
-190.92	162.63	0.00096	-194.45	159.10	0.00103
-197.99	155.56	0.00108	-205.06	148.49	0.00114
-212.13	141.42	0.00115	-219.20	134.35	0.00112
-226.27	127.28	0.00106	-233.35	120.21	0.00100
-240.42	113.14	0.00093	-247.49	106.07	0.00086
-98.99	240.42	0.00132	-106.07	233.35	0.00154
-113.14	226.27	0.00179	-120.21	219.20	0.00209
-127.28	212.13	0.00242	-134.35	205.06	0.00278
-141.42	197.99	0.00313	-148.49	190.92	0.00337
-152.03	187.38	0.00340	-155.56	183.85	0.00326
-157.68	181.73	0.00306	-159.10	180.31	0.00285
-160.51	178.90	0.00260	-161.93	177.48	0.00230
-163.34	176.07	0.00197	-176.07	163.34	0.00105
-177.48	161.93	0.00110	-178.90	160.51	0.00116
-180.31	159.10	0.00121	-181.73	157.68	0.00126
-183.85	155.56	0.00132	-187.38	152.03	0.00140
-190.92	148.49	0.00146	-197.99	141.42	0.00150
-205.06	134.35	0.00145	-212.13	127.28	0.00137
-219.20	120.21	0.00127	-226.27	113.14	0.00117

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-233.35	106.07	0.00107	-240.42	98.99	0.00097
-91.92	233.35	0.00133	-99.00	226.27	0.00157
-106.07	219.20	0.00185	-113.14	212.13	0.00219
-120.21	205.06	0.00260	-127.28	197.99	0.00307
-134.35	190.92	0.00359	-141.42	183.85	0.00411
-144.96	180.31	0.00434	-148.49	176.78	0.00449
-150.61	174.66	0.00450	-152.03	173.24	0.00446
-153.44	171.83	0.00437	-154.86	170.41	0.00418
-156.27	169.00	0.00386	-169.00	156.27	0.00164
-170.41	154.86	0.00171	-171.83	153.44	0.00178
-173.24	152.03	0.00183	-174.66	150.61	0.00187

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 104
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00192	-180.31	144.96	0.00196
-183.85	141.42	0.00198	-190.92	134.35	0.00192
-197.99	127.28	0.00180	-205.06	120.21	0.00165
-212.13	113.14	0.00150	-219.20	106.07	0.00135
-226.27	98.99	0.00122	-233.35	91.92	0.00110
-84.85	226.27	0.00132	-91.92	219.20	0.00156
-99.00	212.13	0.00187	-106.07	205.06	0.00224
-113.14	197.99	0.00271	-120.21	190.92	0.00326
-127.28	183.85	0.00391	-134.35	176.78	0.00463
-137.89	173.24	0.00500	-141.42	169.71	0.00533
-143.54	167.58	0.00547	-144.96	166.17	0.00553
-146.37	164.76	0.00555	-147.79	163.34	0.00560
-149.20	161.93	0.00556	-161.93	149.20	0.00304
-163.34	147.79	0.00291	-164.76	146.37	0.00284
-166.17	144.96	0.00278	-167.58	143.54	0.00275
-169.71	141.42	0.00271	-173.24	137.89	0.00265
-176.78	134.35	0.00258	-183.85	127.28	0.00240
-190.92	120.21	0.00218	-197.99	113.14	0.00195
-205.06	106.07	0.00173	-212.13	98.99	0.00154
-219.20	91.92	0.00137	-226.27	84.85	0.00122
-77.78	219.20	0.00128	-84.85	212.13	0.00152
-91.92	205.06	0.00183	-99.00	197.99	0.00222
-106.07	190.92	0.00272	-113.14	183.85	0.00334

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	176.78	0.00408	-127.28	169.71	0.00491
-130.81	166.17	0.00533	-134.35	162.63	0.00572
-136.47	160.51	0.00588	-137.89	159.10	0.00594
-139.30	157.68	0.00595	-140.71	156.27	0.00595
-142.13	154.86	0.00591	-154.86	142.13	0.00388
-156.27	140.71	0.00378	-157.68	139.30	0.00370
-159.10	137.89	0.00363	-160.51	136.47	0.00357
-162.63	134.35	0.00347	-166.17	130.81	0.00332
-169.71	127.28	0.00317	-176.78	120.21	0.00285
-183.85	113.14	0.00253	-190.92	106.07	0.00222
-197.99	98.99	0.00195	-205.06	91.92	0.00171
-212.13	84.85	0.00150	-219.20	77.78	0.00133
-70.71	212.13	0.00122	-77.78	205.06	0.00145
-84.85	197.99	0.00175	-91.92	190.92	0.00214
-98.99	183.85	0.00265	-106.07	176.78	0.00329
-113.14	169.71	0.00408	-120.21	162.63	0.00498
-123.74	159.10	0.00542	-127.28	155.56	0.00582

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16

**MODELOPTs:
 PAGE 105

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00600	-130.81	152.03	0.00607
-132.23	150.61	0.00610	-133.64	149.20	0.00608
-135.06	147.79	0.00605	-147.79	135.06	0.00428
-149.20	133.64	0.00419	-150.61	132.23	0.00413
-152.03	130.81	0.00407	-153.44	129.40	0.00402
-155.56	127.28	0.00396	-159.10	123.74	0.00382
-162.63	120.21	0.00366	-169.71	113.14	0.00325
-176.78	106.07	0.00284	-183.85	98.99	0.00246
-190.92	91.92	0.00213	-197.99	84.85	0.00185
-205.06	77.78	0.00161	-212.13	70.71	0.00141
-63.64	205.06	0.00114	-70.71	197.99	0.00136
-77.78	190.92	0.00164	-84.85	183.85	0.00200
-91.92	176.78	0.00249	-98.99	169.71	0.00312
-106.07	162.63	0.00392	-113.14	155.56	0.00487
-116.67	152.03	0.00536	-120.21	148.49	0.00579
-122.33	146.37	0.00600	-123.74	144.96	0.00609
-125.16	143.54	0.00614	-126.57	142.13	0.00613

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	140.71	0.00610	-140.71	127.99	0.00452
-142.13	126.57	0.00444	-143.54	125.16	0.00438
-144.96	123.74	0.00433	-146.37	122.33	0.00428
-148.49	120.21	0.00421	-152.03	116.67	0.00409
-155.56	113.14	0.00393	-162.63	106.07	0.00353
-169.71	98.99	0.00309	-176.78	91.92	0.00266
-183.85	84.85	0.00228	-190.92	77.78	0.00196
-197.99	70.71	0.00170	-205.06	63.64	0.00148
-56.57	197.99	0.00104	-63.64	190.92	0.00124
-70.71	183.85	0.00149	-77.78	176.78	0.00182
-84.85	169.71	0.00225	-91.92	162.63	0.00283
-98.99	155.56	0.00361	-106.07	148.49	0.00460
-109.60	144.96	0.00514	-113.14	141.42	0.00564
-115.26	139.30	0.00588	-116.67	137.89	0.00600
-118.09	136.47	0.00607	-119.50	135.06	0.00608
-120.92	133.64	0.00606	-133.64	120.92	0.00465
-135.06	119.50	0.00458	-136.47	118.09	0.00452
-137.89	116.67	0.00447	-139.30	115.26	0.00442
-141.42	113.14	0.00435	-144.96	109.60	0.00421
-148.49	106.07	0.00404	-155.56	98.99	0.00366
-162.63	91.92	0.00322	-169.71	84.85	0.00278
-176.78	77.78	0.00238	-183.85	70.71	0.00204
-190.92	63.64	0.00175	-197.99	56.57	0.00151

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTS:
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00094	-56.57	183.85	0.00111
-63.64	176.78	0.00133	-70.71	169.71	0.00160
-77.78	162.63	0.00197	-84.85	155.56	0.00247
-91.92	148.49	0.00316	-98.99	141.42	0.00412
-102.53	137.89	0.00470	-106.07	134.35	0.00529
-108.19	132.23	0.00560	-109.60	130.81	0.00575
-111.02	129.40	0.00586	-112.43	127.99	0.00592
-113.84	126.57	0.00591	-126.57	113.84	0.00468
-127.99	112.43	0.00461	-129.40	111.02	0.00456
-130.81	109.60	0.00451	-132.23	108.19	0.00445
-134.35	106.07	0.00436	-137.89	102.53	0.00421

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	98.99	0.00403	-148.49	91.92	0.00365
-155.56	84.85	0.00322	-162.63	77.78	0.00280
-169.71	70.71	0.00241	-176.78	63.64	0.00206
-183.85	56.57	0.00177	-190.92	49.50	0.00153
-42.43	183.85	0.00084	-49.50	176.78	0.00098
-56.57	169.71	0.00115	-63.64	162.63	0.00138
-70.71	155.56	0.00167	-77.78	148.49	0.00206
-84.85	141.42	0.00261	-91.92	134.35	0.00342
-95.46	130.81	0.00396	-98.99	127.28	0.00459
-101.12	125.16	0.00497	-102.53	123.74	0.00520
-103.94	122.33	0.00539	-105.36	120.92	0.00552
-106.77	119.50	0.00560	-119.50	106.77	0.00463
-120.92	105.36	0.00454	-122.33	103.94	0.00448
-123.74	102.53	0.00442	-125.16	101.12	0.00436
-127.28	98.99	0.00426	-130.81	95.46	0.00409
-134.35	91.92	0.00391	-141.42	84.85	0.00352
-148.49	77.78	0.00311	-155.56	70.71	0.00271
-162.63	63.64	0.00235	-169.71	56.57	0.00203
-176.78	49.50	0.00175	-183.85	42.43	0.00152
-35.36	176.78	0.00074	-42.43	169.71	0.00085
-49.50	162.63	0.00099	-56.57	155.56	0.00116
-63.64	148.49	0.00137	-70.71	141.42	0.00166
-77.78	134.35	0.00204	-84.85	127.28	0.00260
-88.39	123.74	0.00299	-91.92	120.21	0.00346
-94.05	118.09	0.00381	-95.46	116.67	0.00406
-96.87	115.26	0.00433	-98.29	113.84	0.00459
-99.70	112.43	0.00482	-112.43	99.70	0.00443
-113.84	98.29	0.00433	-115.26	96.87	0.00424
-116.67	95.46	0.00417	-118.09	94.05	0.00410

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 107
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00399	-123.74	88.39	0.00381
-127.28	84.85	0.00362	-134.35	77.78	0.00325
-141.42	70.71	0.00289	-148.49	63.64	0.00254
-155.56	56.57	0.00222	-162.63	49.50	0.00194
-169.71	42.43	0.00169	-176.78	35.36	0.00148

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-28.28	169.71	0.00065	-35.36	162.63	0.00073
-42.43	155.56	0.00083	-49.50	148.49	0.00096
-56.57	141.42	0.00111	-63.64	134.35	0.00130
-70.71	127.28	0.00154	-77.78	120.21	0.00184
-81.32	116.67	0.00203	-84.85	113.14	0.00223
-86.97	111.02	0.00236	-88.39	109.60	0.00247
-89.80	108.19	0.00258	-91.22	106.77	0.00274
-92.63	105.36	0.00295	-105.36	92.63	0.00389
-106.77	91.22	0.00377	-108.19	89.80	0.00367
-109.60	88.39	0.00360	-111.02	86.97	0.00354
-113.14	84.85	0.00346	-116.67	81.32	0.00331
-120.21	77.78	0.00317	-127.28	70.71	0.00288
-134.35	63.64	0.00259	-141.42	56.57	0.00230
-148.49	49.50	0.00204	-155.56	42.43	0.00180
-162.63	35.36	0.00159	-169.71	28.28	0.00141
-21.21	162.63	0.00055	-28.28	155.56	0.00062
-35.36	148.49	0.00069	-42.43	141.42	0.00078
-49.50	134.35	0.00088	-56.57	127.28	0.00100
-63.64	120.21	0.00113	-70.71	113.14	0.00126
-74.25	109.60	0.00132	-77.78	106.07	0.00135
-79.90	103.94	0.00136	-81.32	102.53	0.00136
-82.73	101.12	0.00135	-84.15	99.70	0.00134
-85.56	98.29	0.00133	-98.29	85.56	0.00250
-99.70	84.15	0.00259	-101.12	82.73	0.00265
-102.53	81.32	0.00268	-103.94	79.90	0.00269
-106.07	77.78	0.00270	-109.60	74.25	0.00266
-113.14	70.71	0.00260	-120.21	63.64	0.00243
-127.28	56.57	0.00223	-134.35	49.50	0.00202
-141.42	42.43	0.00182	-148.49	35.36	0.00164
-155.56	28.28	0.00146	-162.63	21.21	0.00131
-14.14	155.56	0.00048	-21.21	148.49	0.00052
-28.28	141.42	0.00058	-35.36	134.35	0.00063
-42.43	127.28	0.00070	-49.50	120.21	0.00077
-56.57	113.14	0.00083	-63.64	106.07	0.00089
-67.18	102.53	0.00090	-70.71	98.99	0.00091

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16

**MODELOPTs:
PAGE 108

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00091	-74.25	95.46	0.00091
-75.66	94.05	0.00092	-77.07	92.63	0.00092
-78.49	91.22	0.00093	-91.22	78.49	0.00164
-92.63	77.07	0.00172	-94.05	75.66	0.00178
-95.46	74.25	0.00184	-96.87	72.83	0.00188
-98.99	70.71	0.00194	-102.53	67.18	0.00201
-106.07	63.64	0.00203	-113.14	56.57	0.00198
-120.21	49.50	0.00187	-127.28	42.43	0.00173
-134.35	35.36	0.00159	-141.42	28.28	0.00145
-148.49	21.21	0.00132	-155.56	14.14	0.00120
-7.07	148.49	0.00041	-14.14	141.42	0.00044
-21.21	134.35	0.00047	-28.28	127.28	0.00051
-35.36	120.21	0.00055	-42.43	113.14	0.00060
-49.50	106.07	0.00064	-56.57	98.99	0.00067
-60.10	95.46	0.00068	-63.64	91.92	0.00070
-65.76	89.80	0.00070	-67.18	88.39	0.00071
-68.59	86.97	0.00071	-70.00	85.56	0.00072
-71.42	84.15	0.00072	-84.15	71.42	0.00122
-85.56	70.00	0.00128	-86.97	68.59	0.00133
-88.39	67.18	0.00137	-89.80	65.76	0.00140
-91.92	63.64	0.00144	-95.46	60.10	0.00148
-98.99	56.57	0.00151	-106.07	49.50	0.00155
-113.14	42.43	0.00152	-120.21	35.36	0.00146
-127.28	28.28	0.00137	-134.35	21.21	0.00128
-141.42	14.14	0.00118	-148.49	7.07	0.00109
0.00	141.42	0.00034	-7.07	134.35	0.00037
-14.14	127.28	0.00039	-21.21	120.21	0.00042
-28.28	113.14	0.00045	-35.36	106.07	0.00048
-42.43	98.99	0.00051	-49.50	91.92	0.00054
-53.03	88.39	0.00055	-56.57	84.85	0.00056
-58.69	82.73	0.00057	-60.10	81.32	0.00057
-61.52	79.90	0.00057	-62.93	78.49	0.00057
-64.35	77.07	0.00058	-77.07	64.35	0.00094
-78.49	62.93	0.00099	-79.90	61.52	0.00103
-81.32	60.10	0.00107	-82.73	58.69	0.00110
-84.85	56.57	0.00113	-88.39	53.03	0.00116
-91.92	49.50	0.00117	-98.99	42.43	0.00119
-106.07	35.36	0.00120	-113.14	28.28	0.00119
-120.21	21.21	0.00115	-127.28	14.14	0.00110
-134.35	7.07	0.00104	-141.42	0.00	0.00097

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:40:16

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00029	0.00	127.28	0.00031
-7.07	120.21	0.00033	-14.14	113.14	0.00035
-21.21	106.07	0.00037	-28.28	98.99	0.00040
-35.36	91.92	0.00043	-42.43	84.85	0.00045
-45.96	81.32	0.00046	-49.50	77.78	0.00046
-51.62	75.66	0.00046	-53.03	74.25	0.00046
-54.45	72.83	0.00046	-55.86	71.42	0.00047
-57.28	70.00	0.00048	-70.00	57.28	0.00074
-71.42	55.86	0.00078	-72.83	54.45	0.00081
-74.25	53.03	0.00085	-75.66	51.62	0.00087
-77.78	49.50	0.00090	-81.32	45.96	0.00094
-84.85	42.43	0.00095	-91.92	35.36	0.00095
-98.99	28.28	0.00095	-106.07	21.21	0.00095
-113.14	14.14	0.00094	-120.21	7.07	0.00093
-127.28	0.00	0.00089	-134.35	-7.07	0.00085
14.14	127.28	0.00025	7.07	120.21	0.00027
0.00	113.14	0.00028	-7.07	106.07	0.00030
-14.14	98.99	0.00032	-21.21	91.92	0.00034
-28.28	84.85	0.00036	-35.36	77.78	0.00038
-38.89	74.25	0.00038	-42.43	70.71	0.00038
-44.55	68.59	0.00038	-45.96	67.18	0.00038
-47.38	65.76	0.00038	-48.79	64.35	0.00039
-50.20	62.93	0.00040	-62.93	50.20	0.00060
-64.35	48.79	0.00063	-65.76	47.38	0.00065
-67.18	45.96	0.00068	-68.59	44.55	0.00070
-70.71	42.43	0.00073	-74.25	38.89	0.00077
-77.78	35.36	0.00078	-84.85	28.28	0.00079
-91.92	21.21	0.00078	-98.99	14.14	0.00078
-106.07	7.07	0.00077	-113.14	0.00	0.00077
-120.21	-7.07	0.00076	-127.28	-14.14	0.00074
21.21	120.21	0.00022	14.14	113.14	0.00023
7.07	106.07	0.00024	0.00	98.99	0.00026
-7.07	91.92	0.00028	-14.14	84.85	0.00030
-21.21	77.78	0.00031	-28.28	70.71	0.00032
-31.82	67.18	0.00032	-35.36	63.64	0.00032
-37.48	61.52	0.00032	-38.89	60.10	0.00032
-40.31	58.69	0.00033	-41.72	57.28	0.00033

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	55.86	0.00034	-55.86	43.13	0.00049
-57.28	41.72	0.00051	-58.69	40.31	0.00054
-60.10	38.89	0.00056	-61.52	37.48	0.00058

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00060	-67.18	31.82	0.00064
-70.71	28.28	0.00066	-77.78	21.21	0.00066
-84.85	14.14	0.00066	-91.92	7.07	0.00065
-98.99	0.00	0.00064	-106.07	-7.07	0.00064
-113.14	-14.14	0.00064	-120.21	-21.21	0.00063
28.28	113.14	0.00019	21.21	106.07	0.00020
14.14	98.99	0.00021	7.07	91.92	0.00023
0.00	84.85	0.00024	-7.07	77.78	0.00026
-14.14	70.71	0.00027	-21.21	63.64	0.00027
-24.75	60.10	0.00027	-28.28	56.57	0.00027
-30.41	54.45	0.00027	-31.82	53.03	0.00028
-33.23	51.62	0.00028	-34.65	50.20	0.00029
-36.06	48.79	0.00030	-48.79	36.06	0.00041
-50.20	34.65	0.00043	-51.62	33.23	0.00045
-53.03	31.82	0.00046	-54.45	30.41	0.00048
-56.57	28.28	0.00050	-60.10	24.75	0.00053
-63.64	21.21	0.00055	-70.71	14.14	0.00057
-77.78	7.07	0.00056	-84.85	0.00	0.00055
-91.92	-7.07	0.00054	-98.99	-14.14	0.00054
-106.07	-21.21	0.00054	-113.14	-28.28	0.00054
35.36	106.07	0.00017	28.28	98.99	0.00018
21.21	91.92	0.00019	14.14	84.85	0.00020
7.07	77.78	0.00022	0.00	70.71	0.00023
-7.07	63.64	0.00023	-14.14	56.57	0.00023
-17.68	53.03	0.00023	-21.21	49.50	0.00023
-23.33	47.38	0.00024	-24.75	45.96	0.00024
-26.16	44.55	0.00025	-27.58	43.13	0.00025
-28.99	41.72	0.00026	-41.72	28.99	0.00035
-43.13	27.58	0.00036	-44.55	26.16	0.00038
-45.96	24.75	0.00039	-47.38	23.33	0.00040
-49.50	21.21	0.00042	-53.03	17.68	0.00045

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	14.14	0.00047	-63.64	7.07	0.00049
-70.71	0.00	0.00049	-77.78	-7.07	0.00048
-84.85	-14.14	0.00047	-91.92	-21.21	0.00046
-98.99	-28.28	0.00046	-106.07	-35.36	0.00046
42.43	98.99	0.00015	35.36	91.92	0.00016
28.28	84.85	0.00017	21.21	77.78	0.00018
14.14	70.71	0.00020	7.07	63.64	0.00020
0.00	56.57	0.00020	-7.07	49.50	0.00020
-10.61	45.96	0.00020	-14.14	42.43	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 111
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00021	-17.68	38.89	0.00021
-19.09	37.48	0.00022	-20.51	36.06	0.00022
-21.92	34.65	0.00023	-34.65	21.92	0.00030
-36.06	20.51	0.00031	-37.48	19.09	0.00032
-38.89	17.68	0.00033	-40.31	16.26	0.00034
-42.43	14.14	0.00036	-45.96	10.61	0.00038
-49.50	7.07	0.00040	-56.57	0.00	0.00042
-63.64	-7.07	0.00043	-70.71	-14.14	0.00042
-77.78	-21.21	0.00041	-84.85	-28.28	0.00041
-91.92	-35.36	0.00040	-98.99	-42.43	0.00040
49.50	91.92	0.00014	42.43	84.85	0.00015
35.36	77.78	0.00016	28.28	70.71	0.00017
21.21	63.64	0.00018	14.14	56.57	0.00018
7.07	49.50	0.00018	0.00	42.43	0.00017
-3.54	38.89	0.00018	-7.07	35.36	0.00018
-9.19	33.23	0.00018	-10.61	31.82	0.00019
-12.02	30.41	0.00019	-13.44	28.99	0.00020
-14.85	27.58	0.00020	-27.58	14.85	0.00026
-28.99	13.44	0.00027	-30.41	12.02	0.00028
-31.82	10.61	0.00029	-33.23	9.19	0.00030
-35.36	7.07	0.00031	-38.89	3.54	0.00033
-42.43	0.00	0.00035	-49.50	-7.07	0.00037
-56.57	-14.14	0.00038	-63.64	-21.21	0.00037
-70.71	-28.28	0.00037	-77.78	-35.36	0.00036
-84.85	-42.43	0.00035	-91.92	-49.50	0.00035

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

56.57	84.85	0.00013	49.50	77.78	0.00014
42.43	70.71	0.00014	35.36	63.64	0.00015
28.28	56.57	0.00016	21.21	49.50	0.00016
14.14	42.43	0.00016	7.07	35.36	0.00015
3.54	31.82	0.00016	0.00	28.28	0.00016
-2.12	26.16	0.00017	-3.54	24.75	0.00017
-4.95	23.33	0.00017	-6.36	21.92	0.00018
-7.78	20.51	0.00018	-20.51	7.78	0.00023
-21.92	6.36	0.00024	-23.33	4.95	0.00024
-24.75	3.54	0.00025	-26.16	2.12	0.00026
-28.28	0.00	0.00027	-31.82	-3.54	0.00029
-35.36	-7.07	0.00030	-42.43	-14.14	0.00032
-49.50	-21.21	0.00033	-56.57	-28.28	0.00033
-63.64	-35.36	0.00033	-70.71	-42.43	0.00032
-77.78	-49.50	0.00031	-84.85	-56.57	0.00031

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 112
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00012	56.57	70.71	0.00013
49.50	63.64	0.00013	42.43	56.57	0.00014
35.36	49.50	0.00014	28.28	42.43	0.00014
21.21	35.36	0.00014	14.14	28.28	0.00014
10.61	24.75	0.00014	7.07	21.21	0.00015
4.95	19.09	0.00015	3.54	17.68	0.00015
2.12	16.26	0.00015	0.71	14.85	0.00016
-0.71	13.44	0.00016	-13.44	0.71	0.00020
-14.85	-0.71	0.00021	-16.26	-2.12	0.00022
-17.68	-3.54	0.00022	-19.09	-4.95	0.00023
-21.21	-7.07	0.00024	-24.75	-10.61	0.00025
-28.28	-14.14	0.00026	-35.36	-21.21	0.00028
-42.43	-28.28	0.00030	-49.50	-35.36	0.00030
-56.57	-42.43	0.00030	-63.64	-49.50	0.00029
-70.71	-56.57	0.00028	-77.78	-63.64	0.00028
70.71	70.71	0.00011	63.64	63.64	0.00012
56.57	56.57	0.00012	49.50	49.50	0.00013
42.43	42.43	0.00013	35.36	35.36	0.00013
28.28	28.28	0.00012	21.21	21.21	0.00012

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

17.68	17.68	0.00013	14.14	14.14	0.00013
12.02	12.02	0.00013	10.61	10.61	0.00014
9.19	9.19	0.00014	7.78	7.78	0.00014
6.36	6.36	0.00015	-6.36	-6.36	0.00018
-7.78	-7.78	0.00019	-9.19	-9.19	0.00019
-10.61	-10.61	0.00020	-12.02	-12.02	0.00020
-14.14	-14.14	0.00021	-17.68	-17.68	0.00022
-21.21	-21.21	0.00023	-28.28	-28.28	0.00025
-35.36	-35.36	0.00026	-42.43	-42.43	0.00027
-49.50	-49.50	0.00027	-56.57	-56.57	0.00026
-63.64	-63.64	0.00026	-70.71	-70.71	0.00025
77.78	63.64	0.00010	70.71	56.57	0.00011
63.64	49.50	0.00011	56.57	42.43	0.00011
49.50	35.36	0.00011	42.43	28.28	0.00011
35.36	21.21	0.00011	28.28	14.14	0.00011
24.75	10.61	0.00012	21.21	7.07	0.00012
19.09	4.95	0.00012	17.68	3.54	0.00012
16.26	2.12	0.00013	14.85	0.71	0.00013
13.44	-0.71	0.00013	0.71	-13.44	0.00016
-0.71	-14.85	0.00017	-2.12	-16.26	0.00017
-3.54	-17.68	0.00018	-4.95	-19.09	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16

**MODELOPTs:

PAGE 113

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00019	-10.61	-24.75	0.00020
-14.14	-28.28	0.00021	-21.21	-35.36	0.00022
-28.28	-42.43	0.00024	-35.36	-49.50	0.00024
-42.43	-56.57	0.00024	-49.50	-63.64	0.00024
-56.57	-70.71	0.00023	-63.64	-77.78	0.00023
84.85	56.57	0.00010	77.78	49.50	0.00010
70.71	42.43	0.00010	63.64	35.36	0.00010
56.57	28.28	0.00010	49.50	21.21	0.00010
42.43	14.14	0.00010	35.36	7.07	0.00010
31.82	3.54	0.00011	28.28	0.00	0.00011
26.16	-2.12	0.00011	24.75	-3.54	0.00011
23.33	-4.95	0.00012	21.92	-6.36	0.00012
20.51	-7.78	0.00012	7.78	-20.51	0.00015

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

6.36	-21.92	0.00015	4.95	-23.33	0.00015
3.54	-24.75	0.00016	2.12	-26.16	0.00016
0.00	-28.28	0.00017	-3.54	-31.82	0.00018
-7.07	-35.36	0.00018	-14.14	-42.43	0.00020
-21.21	-49.50	0.00021	-28.28	-56.57	0.00022
-35.36	-63.64	0.00022	-42.43	-70.71	0.00022
-49.50	-77.78	0.00022	-56.57	-84.85	0.00021
91.92	49.50	0.00009	84.85	42.43	0.00009
77.78	35.36	0.00010	70.71	28.28	0.00010
63.64	21.21	0.00009	56.57	14.14	0.00009
49.50	7.07	0.00009	42.43	0.00	0.00009
38.89	-3.54	0.00010	35.36	-7.07	0.00010
33.23	-9.19	0.00010	31.82	-10.61	0.00010
30.41	-12.02	0.00011	28.99	-13.44	0.00011
27.58	-14.85	0.00011	14.85	-27.58	0.00013
13.44	-28.99	0.00014	12.02	-30.41	0.00014
10.61	-31.82	0.00014	9.19	-33.23	0.00015
7.07	-35.36	0.00015	3.54	-38.89	0.00016
0.00	-42.43	0.00017	-7.07	-49.50	0.00018
-14.14	-56.57	0.00019	-21.21	-63.64	0.00020
-28.28	-70.71	0.00020	-35.36	-77.78	0.00020
-42.43	-84.85	0.00020	-49.50	-91.92	0.00019
98.99	42.43	0.00008	91.92	35.36	0.00009
84.85	28.28	0.00009	77.78	21.21	0.00009
70.71	14.14	0.00009	63.64	7.07	0.00008
56.57	0.00	0.00008	49.50	-7.07	0.00009
45.96	-10.61	0.00009	42.43	-14.14	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 114
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00010	38.89	-17.68	0.00010
37.48	-19.09	0.00010	36.06	-20.51	0.00010
34.65	-21.92	0.00010	21.92	-34.65	0.00012
20.51	-36.06	0.00012	19.09	-37.48	0.00013
17.68	-38.89	0.00013	16.26	-40.31	0.00013
14.14	-42.43	0.00014	10.61	-45.96	0.00014
7.07	-49.50	0.00015	0.00	-56.57	0.00016

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-63.64	0.00017	-14.14	-70.71	0.00018
-21.21	-77.78	0.00019	-28.28	-84.85	0.00019
-35.36	-91.92	0.00018	-42.43	-98.99	0.00018
106.07	35.36	0.00008	98.99	28.28	0.00008
91.92	21.21	0.00008	84.85	14.14	0.00008
77.78	7.07	0.00008	70.71	0.00	0.00008
63.64	-7.07	0.00008	56.57	-14.14	0.00008
53.03	-17.68	0.00008	49.50	-21.21	0.00009
47.38	-23.33	0.00009	45.96	-24.75	0.00009
44.55	-26.16	0.00009	43.13	-27.58	0.00009
41.72	-28.99	0.00009	28.99	-41.72	0.00011
27.58	-43.13	0.00011	26.16	-44.55	0.00012
24.75	-45.96	0.00012	23.33	-47.38	0.00012
21.21	-49.50	0.00012	17.68	-53.03	0.00013
14.14	-56.57	0.00014	7.07	-63.64	0.00015
0.00	-70.71	0.00016	-7.07	-77.78	0.00017
-14.14	-84.85	0.00017	-21.21	-91.92	0.00017
-28.28	-98.99	0.00017	-35.36	-106.07	0.00017
113.14	28.28	0.00007	106.07	21.21	0.00007
98.99	14.14	0.00007	91.92	7.07	0.00007
84.85	0.00	0.00007	77.78	-7.07	0.00007
70.71	-14.14	0.00007	63.64	-21.21	0.00008
60.10	-24.75	0.00008	56.57	-28.28	0.00008
54.45	-30.41	0.00008	53.03	-31.82	0.00008
51.62	-33.23	0.00008	50.20	-34.65	0.00009
48.79	-36.06	0.00009	36.06	-48.79	0.00010
34.65	-50.20	0.00010	33.23	-51.62	0.00011
31.82	-53.03	0.00011	30.41	-54.45	0.00011
28.28	-56.57	0.00011	24.75	-60.10	0.00012
21.21	-63.64	0.00012	14.14	-70.71	0.00013
7.07	-77.78	0.00014	0.00	-84.85	0.00015
-7.07	-91.92	0.00016	-14.14	-98.99	0.00016
-21.21	-106.07	0.00016	-28.28	-113.14	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 115
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00007	113.14	14.14	0.00007

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

106.07	7.07	0.00007	98.99	0.00	0.00007
91.92	-7.07	0.00007	84.85	-14.14	0.00007
77.78	-21.21	0.00007	70.71	-28.28	0.00007
67.18	-31.82	0.00007	63.64	-35.36	0.00007
61.52	-37.48	0.00008	60.10	-38.89	0.00008
58.69	-40.31	0.00008	57.28	-41.72	0.00008
55.86	-43.13	0.00008	43.13	-55.86	0.00009
41.72	-57.28	0.00010	40.31	-58.69	0.00010
38.89	-60.10	0.00010	37.48	-61.52	0.00010
35.36	-63.64	0.00011	31.82	-67.18	0.00011
28.28	-70.71	0.00011	21.21	-77.78	0.00012
14.14	-84.85	0.00013	7.07	-91.92	0.00014
0.00	-98.99	0.00014	-7.07	-106.07	0.00015
-14.14	-113.14	0.00015	-21.21	-120.21	0.00015
127.28	14.14	0.00006	120.21	7.07	0.00006
113.14	0.00	0.00006	106.07	-7.07	0.00006
98.99	-14.14	0.00006	91.92	-21.21	0.00006
84.85	-28.28	0.00006	77.78	-35.36	0.00007
74.25	-38.89	0.00007	70.71	-42.43	0.00007
68.59	-44.55	0.00007	67.18	-45.96	0.00007
65.76	-47.38	0.00007	64.35	-48.79	0.00007
62.93	-50.20	0.00008	50.20	-62.93	0.00009
48.79	-64.35	0.00009	47.38	-65.76	0.00009
45.96	-67.18	0.00009	44.55	-68.59	0.00009
42.43	-70.71	0.00010	38.89	-74.25	0.00010
35.36	-77.78	0.00011	28.28	-84.85	0.00011
21.21	-91.92	0.00012	14.14	-98.99	0.00013
7.07	-106.07	0.00013	0.00	-113.14	0.00014
-7.07	-120.21	0.00014	-14.14	-127.28	0.00014
134.35	7.07	0.00006	127.28	0.00	0.00006
120.21	-7.07	0.00006	113.14	-14.14	0.00006
106.07	-21.21	0.00006	98.99	-28.28	0.00006
91.92	-35.36	0.00006	84.85	-42.43	0.00006
81.32	-45.96	0.00006	77.78	-49.50	0.00007
75.66	-51.62	0.00007	74.25	-53.03	0.00007
72.83	-54.45	0.00007	71.42	-55.86	0.00007
70.00	-57.28	0.00007	57.28	-70.00	0.00008
55.86	-71.42	0.00008	54.45	-72.83	0.00008
53.03	-74.25	0.00009	51.62	-75.66	0.00009

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:40:16

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00009	45.96	-81.32	0.00009
42.43	-84.85	0.00010	35.36	-91.92	0.00010
28.28	-98.99	0.00011	21.21	-106.07	0.00012
14.14	-113.14	0.00012	7.07	-120.21	0.00013
0.00	-127.28	0.00013	-7.07	-134.35	0.00013
141.42	0.00	0.00006	134.35	-7.07	0.00006
127.28	-14.14	0.00005	120.21	-21.21	0.00005
113.14	-28.28	0.00005	106.07	-35.36	0.00005
98.99	-42.43	0.00006	91.92	-49.50	0.00006
88.39	-53.03	0.00006	84.85	-56.57	0.00006
82.73	-58.69	0.00006	81.32	-60.10	0.00006
79.90	-61.52	0.00006	78.49	-62.93	0.00006
77.07	-64.35	0.00007	64.35	-77.07	0.00008
62.93	-78.49	0.00008	61.52	-79.90	0.00008
60.10	-81.32	0.00008	58.69	-82.73	0.00008
56.57	-84.85	0.00008	53.03	-88.39	0.00009
49.50	-91.92	0.00009	42.43	-98.99	0.00010
35.36	-106.07	0.00010	28.28	-113.14	0.00011
21.21	-120.21	0.00011	14.14	-127.28	0.00012
7.07	-134.35	0.00012	0.00	-141.42	0.00012
148.49	-7.07	0.00005	141.42	-14.14	0.00005
134.35	-21.21	0.00005	127.28	-28.28	0.00005
120.21	-35.36	0.00005	113.14	-42.43	0.00005
106.07	-49.50	0.00005	98.99	-56.57	0.00005
95.46	-60.10	0.00006	91.92	-63.64	0.00006
89.80	-65.76	0.00006	88.39	-67.18	0.00006
86.97	-68.59	0.00006	85.56	-70.00	0.00006
84.15	-71.42	0.00006	71.42	-84.15	0.00007
70.00	-85.56	0.00007	68.59	-86.97	0.00007
67.18	-88.39	0.00007	65.76	-89.80	0.00008
63.64	-91.92	0.00008	60.10	-95.46	0.00008
56.57	-98.99	0.00008	49.50	-106.07	0.00009
42.43	-113.14	0.00010	35.36	-120.21	0.00010
28.28	-127.28	0.00011	21.21	-134.35	0.00011
14.14	-141.42	0.00011	7.07	-148.49	0.00011
155.56	-14.14	0.00005	148.49	-21.21	0.00005
141.42	-28.28	0.00005	134.35	-35.36	0.00005
127.28	-42.43	0.00005	120.21	-49.50	0.00005
113.14	-56.57	0.00005	106.07	-63.64	0.00005

102.53 -67.18 0.00005 98.99 -70.71 0.00005

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00006	95.46	-74.25	0.00006
94.05	-75.66	0.00006	92.63	-77.07	0.00006
91.22	-78.49	0.00006	78.49	-91.22	0.00007
77.07	-92.63	0.00007	75.66	-94.05	0.00007
74.25	-95.46	0.00007	72.83	-96.87	0.00007
70.71	-98.99	0.00007	67.18	-102.53	0.00008
63.64	-106.07	0.00008	56.57	-113.14	0.00008
49.50	-120.21	0.00009	42.43	-127.28	0.00009
35.36	-134.35	0.00010	28.28	-141.42	0.00010
21.21	-148.49	0.00010	14.14	-155.56	0.00010
162.63	-21.21	0.00005	155.56	-28.28	0.00005
148.49	-35.36	0.00004	141.42	-42.43	0.00004
134.35	-49.50	0.00004	127.28	-56.57	0.00004
120.21	-63.64	0.00005	113.14	-70.71	0.00005
109.60	-74.25	0.00005	106.07	-77.78	0.00005
103.94	-79.90	0.00005	102.53	-81.32	0.00005
101.12	-82.73	0.00005	99.70	-84.15	0.00005
98.29	-85.56	0.00005	85.56	-98.29	0.00006
84.15	-99.70	0.00006	82.73	-101.12	0.00006
81.32	-102.53	0.00007	79.90	-103.94	0.00007
77.78	-106.07	0.00007	74.25	-109.60	0.00007
70.71	-113.14	0.00007	63.64	-120.21	0.00008
56.57	-127.28	0.00008	49.50	-134.35	0.00009
42.43	-141.42	0.00009	35.36	-148.49	0.00009
28.28	-155.56	0.00010	21.21	-162.63	0.00010
169.71	-28.28	0.00004	162.63	-35.36	0.00004
155.56	-42.43	0.00004	148.49	-49.50	0.00004
141.42	-56.57	0.00004	134.35	-63.64	0.00004
127.28	-70.71	0.00004	120.21	-77.78	0.00005
116.67	-81.32	0.00005	113.14	-84.85	0.00005
111.02	-86.97	0.00005	109.60	-88.39	0.00005
108.19	-89.80	0.00005	106.77	-91.22	0.00005
105.36	-92.63	0.00005	92.63	-105.36	0.00006

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

91.22	-106.77	0.00006	89.80	-108.19	0.00006
88.39	-109.60	0.00006	86.97	-111.02	0.00006
84.85	-113.14	0.00006	81.32	-116.67	0.00007
77.78	-120.21	0.00007	70.71	-127.28	0.00007
63.64	-134.35	0.00008	56.57	-141.42	0.00008
49.50	-148.49	0.00009	42.43	-155.56	0.00009
35.36	-162.63	0.00009	28.28	-169.71	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00004	169.71	-42.43	0.00004
162.63	-49.50	0.00004	155.56	-56.57	0.00004
148.49	-63.64	0.00004	141.42	-70.71	0.00004
134.35	-77.78	0.00004	127.28	-84.85	0.00004
123.74	-88.39	0.00004	120.21	-91.92	0.00005
118.09	-94.05	0.00005	116.67	-95.46	0.00005
115.26	-96.87	0.00005	113.84	-98.29	0.00005
112.43	-99.70	0.00005	99.70	-112.43	0.00006
98.29	-113.84	0.00006	96.87	-115.26	0.00006
95.46	-116.67	0.00006	94.05	-118.09	0.00006
91.92	-120.21	0.00006	88.39	-123.74	0.00006
84.85	-127.28	0.00006	77.78	-134.35	0.00007
70.71	-141.42	0.00007	63.64	-148.49	0.00008
56.57	-155.56	0.00008	49.50	-162.63	0.00008
42.43	-169.71	0.00009	35.36	-176.78	0.00009
183.85	-42.43	0.00004	176.78	-49.50	0.00004
169.71	-56.57	0.00004	162.63	-63.64	0.00004
155.56	-70.71	0.00004	148.49	-77.78	0.00004
141.42	-84.85	0.00004	134.35	-91.92	0.00004
130.81	-95.46	0.00004	127.28	-98.99	0.00004
125.16	-101.12	0.00004	123.74	-102.53	0.00004
122.33	-103.94	0.00005	120.92	-105.36	0.00005
119.50	-106.77	0.00005	106.77	-119.50	0.00005
105.36	-120.92	0.00005	103.94	-122.33	0.00005
102.53	-123.74	0.00005	101.12	-125.16	0.00006
98.99	-127.28	0.00006	95.46	-130.81	0.00006
91.92	-134.35	0.00006	84.85	-141.42	0.00006

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-148.49	0.00007	70.71	-155.56	0.00007
63.64	-162.63	0.00007	56.57	-169.71	0.00008
49.50	-176.78	0.00008	42.43	-183.85	0.00008
190.92	-49.50	0.00004	183.85	-56.57	0.00004
176.78	-63.64	0.00003	169.71	-70.71	0.00003
162.63	-77.78	0.00004	155.56	-84.85	0.00004
148.49	-91.92	0.00004	141.42	-98.99	0.00004
137.89	-102.53	0.00004	134.35	-106.07	0.00004
132.23	-108.19	0.00004	130.81	-109.60	0.00004
129.40	-111.02	0.00004	127.99	-112.43	0.00004
126.57	-113.84	0.00004	113.84	-126.57	0.00005
112.43	-127.99	0.00005	111.02	-129.40	0.00005
109.60	-130.81	0.00005	108.19	-132.23	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00005	102.53	-137.89	0.00006
98.99	-141.42	0.00006	91.92	-148.49	0.00006
84.85	-155.56	0.00006	77.78	-162.63	0.00007
70.71	-169.71	0.00007	63.64	-176.78	0.00007
56.57	-183.85	0.00008	49.50	-190.92	0.00008
197.99	-56.57	0.00003	190.92	-63.64	0.00003
183.85	-70.71	0.00003	176.78	-77.78	0.00003
169.71	-84.85	0.00003	162.63	-91.92	0.00003
155.56	-98.99	0.00004	148.49	-106.07	0.00004
144.96	-109.60	0.00004	141.42	-113.14	0.00004
139.30	-115.26	0.00004	137.89	-116.67	0.00004
136.47	-118.09	0.00004	135.06	-119.50	0.00004
133.64	-120.92	0.00004	120.92	-133.64	0.00005
119.50	-135.06	0.00005	118.09	-136.47	0.00005
116.67	-137.89	0.00005	115.26	-139.30	0.00005
113.14	-141.42	0.00005	109.60	-144.96	0.00005
106.07	-148.49	0.00005	98.99	-155.56	0.00006
91.92	-162.63	0.00006	84.85	-169.71	0.00006
77.78	-176.78	0.00007	70.71	-183.85	0.00007
63.64	-190.92	0.00007	56.57	-197.99	0.00007
205.06	-63.64	0.00003	197.99	-70.71	0.00003

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-77.78	0.00003	183.85	-84.85	0.00003
176.78	-91.92	0.00003	169.71	-98.99	0.00003
162.63	-106.07	0.00003	155.56	-113.14	0.00004
152.03	-116.67	0.00004	148.49	-120.21	0.00004
146.37	-122.33	0.00004	144.96	-123.74	0.00004
143.54	-125.16	0.00004	142.13	-126.57	0.00004
140.71	-127.99	0.00004	127.99	-140.71	0.00004
126.57	-142.13	0.00005	125.16	-143.54	0.00005
123.74	-144.96	0.00005	122.33	-146.37	0.00005
120.21	-148.49	0.00005	116.67	-152.03	0.00005
113.14	-155.56	0.00005	106.07	-162.63	0.00005
98.99	-169.71	0.00006	91.92	-176.78	0.00006
84.85	-183.85	0.00006	77.78	-190.92	0.00007
70.71	-197.99	0.00007	63.64	-205.06	0.00007
212.13	-70.71	0.00003	205.06	-77.78	0.00003
197.99	-84.85	0.00003	190.92	-91.92	0.00003
183.85	-98.99	0.00003	176.78	-106.07	0.00003
169.71	-113.14	0.00003	162.63	-120.21	0.00003
159.10	-123.74	0.00003	155.56	-127.28	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 120
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00004	152.03	-130.81	0.00004
150.61	-132.23	0.00004	149.20	-133.64	0.00004
147.79	-135.06	0.00004	135.06	-147.79	0.00004
133.64	-149.20	0.00004	132.23	-150.61	0.00004
130.81	-152.03	0.00004	129.40	-153.44	0.00004
127.28	-155.56	0.00005	123.74	-159.10	0.00005
120.21	-162.63	0.00005	113.14	-169.71	0.00005
106.07	-176.78	0.00005	98.99	-183.85	0.00006
91.92	-190.92	0.00006	84.85	-197.99	0.00006
77.78	-205.06	0.00006	70.71	-212.13	0.00007
219.20	-77.78	0.00003	212.13	-84.85	0.00003
205.06	-91.92	0.00003	197.99	-98.99	0.00003
190.92	-106.07	0.00003	183.85	-113.14	0.00003
176.78	-120.21	0.00003	169.71	-127.28	0.00003
166.17	-130.81	0.00003	162.63	-134.35	0.00003

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

160.51	-136.47	0.00003	159.10	-137.89	0.00004
157.68	-139.30	0.00004	156.27	-140.71	0.00004
154.86	-142.13	0.00004	142.13	-154.86	0.00004
140.71	-156.27	0.00004	139.30	-157.68	0.00004
137.89	-159.10	0.00004	136.47	-160.51	0.00004
134.35	-162.63	0.00004	130.81	-166.17	0.00004
127.28	-169.71	0.00005	120.21	-176.78	0.00005
113.14	-183.85	0.00005	106.07	-190.92	0.00005
98.99	-197.99	0.00006	91.92	-205.06	0.00006
84.85	-212.13	0.00006	77.78	-219.20	0.00006
226.27	-84.85	0.00003	219.20	-91.92	0.00003
212.13	-98.99	0.00003	205.06	-106.07	0.00003
197.99	-113.14	0.00003	190.92	-120.21	0.00003
183.85	-127.28	0.00003	176.78	-134.35	0.00003
173.24	-137.89	0.00003	169.71	-141.42	0.00003
167.58	-143.54	0.00003	166.17	-144.96	0.00003
164.76	-146.37	0.00003	163.34	-147.79	0.00003
161.93	-149.20	0.00003	149.20	-161.93	0.00004
147.79	-163.34	0.00004	146.37	-164.76	0.00004
144.96	-166.17	0.00004	143.54	-167.58	0.00004
141.42	-169.71	0.00004	137.89	-173.24	0.00004
134.35	-176.78	0.00004	127.28	-183.85	0.00005
120.21	-190.92	0.00005	113.14	-197.99	0.00005
106.07	-205.06	0.00005	98.99	-212.13	0.00006
91.92	-219.20	0.00006	84.85	-226.27	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00003	226.27	-98.99	0.00003
219.20	-106.07	0.00003	212.13	-113.14	0.00003
205.06	-120.21	0.00003	197.99	-127.28	0.00003
190.92	-134.35	0.00003	183.85	-141.42	0.00003
180.31	-144.96	0.00003	176.78	-148.49	0.00003
174.66	-150.61	0.00003	173.24	-152.03	0.00003
171.83	-153.44	0.00003	170.41	-154.86	0.00003
169.00	-156.27	0.00003	156.27	-169.00	0.00004
154.86	-170.41	0.00004	153.44	-171.83	0.00004

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

152.03	-173.24	0.00004	150.61	-174.66	0.00004
148.49	-176.78	0.00004	144.96	-180.31	0.00004
141.42	-183.85	0.00004	134.35	-190.92	0.00004
127.28	-197.99	0.00005	120.21	-205.06	0.00005
113.14	-212.13	0.00005	106.07	-219.20	0.00005
98.99	-226.27	0.00005	91.92	-233.35	0.00006
240.42	-98.99	0.00002	233.35	-106.07	0.00002
226.27	-113.14	0.00002	219.20	-120.21	0.00003
212.13	-127.28	0.00003	205.06	-134.35	0.00003
197.99	-141.42	0.00003	190.92	-148.49	0.00003
187.38	-152.03	0.00003	183.85	-155.56	0.00003
181.73	-157.68	0.00003	180.31	-159.10	0.00003
178.90	-160.51	0.00003	177.48	-161.93	0.00003
176.07	-163.34	0.00003	163.34	-176.07	0.00003
161.93	-177.48	0.00004	160.51	-178.90	0.00004
159.10	-180.31	0.00004	157.68	-181.73	0.00004
155.56	-183.85	0.00004	152.03	-187.38	0.00004
148.49	-190.92	0.00004	141.42	-197.99	0.00004
134.35	-205.06	0.00004	127.28	-212.13	0.00005
120.21	-219.20	0.00005	113.14	-226.27	0.00005
106.07	-233.35	0.00005	98.99	-240.42	0.00005
247.49	-106.07	0.00002	240.42	-113.14	0.00002
233.35	-120.21	0.00002	226.27	-127.28	0.00002
219.20	-134.35	0.00002	212.13	-141.42	0.00003
205.06	-148.49	0.00003	197.99	-155.56	0.00003
194.45	-159.10	0.00003	190.92	-162.63	0.00003
188.80	-164.76	0.00003	187.38	-166.17	0.00003
185.97	-167.58	0.00003	184.55	-169.00	0.00003
183.14	-170.41	0.00003	170.41	-183.14	0.00003
169.00	-184.55	0.00003	167.58	-185.97	0.00003
166.17	-187.38	0.00003	164.76	-188.80	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00004	159.10	-194.45	0.00004
155.56	-197.99	0.00004	148.49	-205.06	0.00004
141.42	-212.13	0.00004	134.35	-219.20	0.00004

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-226.27	0.00005	120.21	-233.35	0.00005
113.14	-240.42	0.00005	106.07	-247.49	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3				
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-106.07	247.49	0.00212	-113.14	240.42	0.00228	
-120.21	233.35	0.00245	-127.28	226.27	0.00263	
-134.35	219.20	0.00281	-141.42	212.13	0.00297	
-148.49	205.06	0.00306	-155.56	197.99	0.00298	
-159.10	194.45	0.00280	-162.63	190.92	0.00249	
-164.76	188.80	0.00224	-166.17	187.38	0.00205	
-167.58	185.97	0.00186	-169.00	184.55	0.00168	
-170.41	183.14	0.00151	-183.14	170.41	0.00109	
-184.55	169.00	0.00112	-185.97	167.58	0.00115	
-187.38	166.17	0.00119	-188.80	164.76	0.00123	
-190.92	162.63	0.00128	-194.45	159.10	0.00136	
-197.99	155.56	0.00141	-205.06	148.49	0.00148	
-212.13	141.42	0.00151	-219.20	134.35	0.00150	
-226.27	127.28	0.00146	-233.35	120.21	0.00141	
-240.42	113.14	0.00135	-247.49	106.07	0.00129	
-98.99	240.42	0.00226	-106.07	233.35	0.00244	
-113.14	226.27	0.00265	-120.21	219.20	0.00288	
-127.28	212.13	0.00314	-134.35	205.06	0.00342	
-141.42	197.99	0.00368	-148.49	190.92	0.00385	
-152.03	187.38	0.00385	-155.56	183.85	0.00368	
-157.68	181.73	0.00346	-159.10	180.31	0.00325	
-160.51	178.90	0.00298	-161.93	177.48	0.00267	
-163.34	176.07	0.00235	-176.07	163.34	0.00140	
-177.48	161.93	0.00145	-178.90	160.51	0.00151	
-180.31	159.10	0.00156	-181.73	157.68	0.00161	
-183.85	155.56	0.00168	-187.38	152.03	0.00177	
-190.92	148.49	0.00183	-197.99	141.42	0.00188	
-205.06	134.35	0.00186	-212.13	127.28	0.00179	
-219.20	120.21	0.00171	-226.27	113.14	0.00162	
-233.35	106.07	0.00154	-240.42	98.99	0.00145	
-91.92	233.35	0.00239	-99.00	226.27	0.00260	
-106.07	219.20	0.00284	-113.14	212.13	0.00312	

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	205.06	0.00345	-127.28	197.99	0.00382
-134.35	190.92	0.00424	-141.42	183.85	0.00466
-144.96	180.31	0.00485	-148.49	176.78	0.00497
-150.61	174.66	0.00496	-152.03	173.24	0.00491
-153.44	171.83	0.00481	-154.86	170.41	0.00461
-156.27	169.00	0.00428	-169.00	156.27	0.00203
-170.41	154.86	0.00210	-171.83	153.44	0.00216
-173.24	152.03	0.00222	-174.66	150.61	0.00226

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00231	-180.31	144.96	0.00237
-183.85	141.42	0.00239	-190.92	134.35	0.00235
-197.99	127.28	0.00226	-205.06	120.21	0.00213
-212.13	113.14	0.00200	-219.20	106.07	0.00187
-226.27	98.99	0.00174	-233.35	91.92	0.00163
-84.85	226.27	0.00250	-91.92	219.20	0.00274
-99.00	212.13	0.00301	-106.07	205.06	0.00333
-113.14	197.99	0.00371	-120.21	190.92	0.00416
-127.28	183.85	0.00468	-134.35	176.78	0.00528
-137.89	173.24	0.00560	-141.42	169.71	0.00588
-143.54	167.58	0.00600	-144.96	166.17	0.00604
-146.37	164.76	0.00605	-147.79	163.34	0.00608
-149.20	161.93	0.00602	-161.93	149.20	0.00347
-163.34	147.79	0.00335	-164.76	146.37	0.00327
-166.17	144.96	0.00322	-167.58	143.54	0.00319
-169.71	141.42	0.00315	-173.24	137.89	0.00310
-176.78	134.35	0.00305	-183.85	127.28	0.00289
-190.92	120.21	0.00270	-197.99	113.14	0.00250
-205.06	106.07	0.00230	-212.13	98.99	0.00212
-219.20	91.92	0.00196	-226.27	84.85	0.00181
-77.78	219.20	0.00260	-84.85	212.13	0.00285
-91.92	205.06	0.00315	-99.00	197.99	0.00350
-106.07	190.92	0.00392	-113.14	183.85	0.00442
-120.21	176.78	0.00502	-127.28	169.71	0.00569
-130.81	166.17	0.00604	-134.35	162.63	0.00636
-136.47	160.51	0.00648	-137.89	159.10	0.00652

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-139.30	157.68	0.00652	-140.71	156.27	0.00650
-142.13	154.86	0.00644	-154.86	142.13	0.00437
-156.27	140.71	0.00426	-157.68	139.30	0.00419
-159.10	137.89	0.00412	-160.51	136.47	0.00406
-162.63	134.35	0.00398	-166.17	130.81	0.00383
-169.71	127.28	0.00370	-176.78	120.21	0.00342
-183.85	113.14	0.00313	-190.92	106.07	0.00286
-197.99	98.99	0.00260	-205.06	91.92	0.00237
-212.13	84.85	0.00217	-219.20	77.78	0.00199
-70.71	212.13	0.00269	-77.78	205.06	0.00296
-84.85	197.99	0.00327	-91.92	190.92	0.00364
-98.99	183.85	0.00409	-106.07	176.78	0.00462
-113.14	169.71	0.00524	-120.21	162.63	0.00594
-123.74	159.10	0.00628	-127.28	155.56	0.00659

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00672	-130.81	152.03	0.00677
-132.23	150.61	0.00676	-133.64	149.20	0.00672
-135.06	147.79	0.00667	-147.79	135.06	0.00484
-149.20	133.64	0.00475	-150.61	132.23	0.00469
-152.03	130.81	0.00464	-153.44	129.40	0.00459
-155.56	127.28	0.00453	-159.10	123.74	0.00442
-162.63	120.21	0.00427	-169.71	113.14	0.00392
-176.78	106.07	0.00354	-183.85	98.99	0.00319
-190.92	91.92	0.00288	-197.99	84.85	0.00261
-205.06	77.78	0.00237	-212.13	70.71	0.00216
-63.64	205.06	0.00277	-70.71	197.99	0.00304
-77.78	190.92	0.00337	-84.85	183.85	0.00376
-91.92	176.78	0.00422	-98.99	169.71	0.00476
-106.07	162.63	0.00539	-113.14	155.56	0.00610
-116.67	152.03	0.00644	-120.21	148.49	0.00674
-122.33	146.37	0.00687	-123.74	144.96	0.00692
-125.16	143.54	0.00693	-126.57	142.13	0.00689
-127.99	140.71	0.00683	-140.71	127.99	0.00515
-142.13	126.57	0.00508	-143.54	125.16	0.00503
-144.96	123.74	0.00498	-146.37	122.33	0.00494

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-148.49	120.21	0.00489	-152.03	116.67	0.00479
-155.56	113.14	0.00466	-162.63	106.07	0.00433
-169.71	98.99	0.00392	-176.78	91.92	0.00352
-183.85	84.85	0.00315	-190.92	77.78	0.00283
-197.99	70.71	0.00256	-205.06	63.64	0.00233
-56.57	197.99	0.00283	-63.64	190.92	0.00311
-70.71	183.85	0.00345	-77.78	176.78	0.00384
-84.85	169.71	0.00431	-91.92	162.63	0.00486
-98.99	155.56	0.00550	-106.07	148.49	0.00621
-109.60	144.96	0.00656	-113.14	141.42	0.00687
-115.26	139.30	0.00699	-116.67	137.89	0.00705
-118.09	136.47	0.00705	-119.50	135.06	0.00701
-120.92	133.64	0.00693	-133.64	120.92	0.00538
-135.06	119.50	0.00532	-136.47	118.09	0.00528
-137.89	116.67	0.00524	-139.30	115.26	0.00520
-141.42	113.14	0.00515	-144.96	109.60	0.00505
-148.49	106.07	0.00493	-155.56	98.99	0.00461
-162.63	91.92	0.00421	-169.71	84.85	0.00380
-176.78	77.78	0.00340	-183.85	70.71	0.00305
-190.92	63.64	0.00275	-197.99	56.57	0.00249

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTS:
 PAGE 126
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00288	-56.57	183.85	0.00317
-63.64	176.78	0.00351	-70.71	169.71	0.00391
-77.78	162.63	0.00438	-84.85	155.56	0.00494
-91.92	148.49	0.00558	-98.99	141.42	0.00629
-102.53	137.89	0.00666	-106.07	134.35	0.00697
-108.19	132.23	0.00710	-109.60	130.81	0.00714
-111.02	129.40	0.00715	-112.43	127.99	0.00710
-113.84	126.57	0.00701	-126.57	113.84	0.00556
-127.99	112.43	0.00550	-129.40	111.02	0.00547
-130.81	109.60	0.00543	-132.23	108.19	0.00540
-134.35	106.07	0.00535	-137.89	102.53	0.00525
-141.42	98.99	0.00513	-148.49	91.92	0.00482
-155.56	84.85	0.00443	-162.63	77.78	0.00401
-169.71	70.71	0.00361	-176.78	63.64	0.00324

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-183.85	56.57	0.00292	-190.92	49.50	0.00264
-42.43	183.85	0.00292	-49.50	176.78	0.00322
-56.57	169.71	0.00356	-63.64	162.63	0.00396
-70.71	155.56	0.00444	-77.78	148.49	0.00499
-84.85	141.42	0.00564	-91.92	134.35	0.00637
-95.46	130.81	0.00673	-98.99	127.28	0.00705
-101.12	125.16	0.00718	-102.53	123.74	0.00722
-103.94	122.33	0.00722	-105.36	120.92	0.00717
-106.77	119.50	0.00708	-119.50	106.77	0.00569
-120.92	105.36	0.00564	-122.33	103.94	0.00561
-123.74	102.53	0.00559	-125.16	101.12	0.00556
-127.28	98.99	0.00551	-130.81	95.46	0.00541
-134.35	91.92	0.00529	-141.42	84.85	0.00498
-148.49	77.78	0.00459	-155.56	70.71	0.00418
-162.63	63.64	0.00378	-169.71	56.57	0.00341
-176.78	49.50	0.00307	-183.85	42.43	0.00278
-35.36	176.78	0.00296	-42.43	169.71	0.00325
-49.50	162.63	0.00360	-56.57	155.56	0.00401
-63.64	148.49	0.00448	-70.71	141.42	0.00504
-77.78	134.35	0.00569	-84.85	127.28	0.00643
-88.39	123.74	0.00680	-91.92	120.21	0.00712
-94.05	118.09	0.00724	-95.46	116.67	0.00728
-96.87	115.26	0.00728	-98.29	113.84	0.00723
-99.70	112.43	0.00714	-112.43	99.70	0.00580
-113.84	98.29	0.00575	-115.26	96.87	0.00572
-116.67	95.46	0.00570	-118.09	94.05	0.00568

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16

**MODELOPTS:

PAGE 127

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00564	-123.74	88.39	0.00555
-127.28	84.85	0.00542	-134.35	77.78	0.00510
-141.42	70.71	0.00471	-148.49	63.64	0.00430
-155.56	56.57	0.00391	-162.63	49.50	0.00354
-169.71	42.43	0.00320	-176.78	35.36	0.00290
-28.28	169.71	0.00299	-35.36	162.63	0.00328
-42.43	155.56	0.00363	-49.50	148.49	0.00404
-56.57	141.42	0.00452	-63.64	134.35	0.00508

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	127.28	0.00574	-77.78	120.21	0.00647
-81.32	116.67	0.00685	-84.85	113.14	0.00717
-86.97	111.02	0.00730	-88.39	109.60	0.00734
-89.80	108.19	0.00736	-91.22	106.77	0.00731
-92.63	105.36	0.00720	-105.36	92.63	0.00589
-106.77	91.22	0.00584	-108.19	89.80	0.00581
-109.60	88.39	0.00579	-111.02	86.97	0.00577
-113.14	84.85	0.00574	-116.67	81.32	0.00565
-120.21	77.78	0.00553	-127.28	70.71	0.00520
-134.35	63.64	0.00481	-141.42	56.57	0.00440
-148.49	49.50	0.00401	-155.56	42.43	0.00364
-162.63	35.36	0.00330	-169.71	28.28	0.00300
-21.21	162.63	0.00301	-28.28	155.56	0.00331
-35.36	148.49	0.00366	-42.43	141.42	0.00407
-49.50	134.35	0.00455	-56.57	127.28	0.00512
-63.64	120.21	0.00578	-70.71	113.14	0.00651
-74.25	109.60	0.00688	-77.78	106.07	0.00720
-79.90	103.94	0.00732	-81.32	102.53	0.00736
-82.73	101.12	0.00737	-84.15	99.70	0.00739
-85.56	98.29	0.00732	-98.29	85.56	0.00594
-99.70	84.15	0.00591	-101.12	82.73	0.00588
-102.53	81.32	0.00587	-103.94	79.90	0.00585
-106.07	77.78	0.00582	-109.60	74.25	0.00574
-113.14	70.71	0.00562	-120.21	63.64	0.00529
-127.28	56.57	0.00490	-134.35	49.50	0.00449
-141.42	42.43	0.00409	-148.49	35.36	0.00372
-155.56	28.28	0.00339	-162.63	21.21	0.00309
-14.14	155.56	0.00303	-21.21	148.49	0.00333
-28.28	141.42	0.00368	-35.36	134.35	0.00409
-42.43	127.28	0.00458	-49.50	120.21	0.00515
-56.57	113.14	0.00581	-63.64	106.07	0.00654
-67.18	102.53	0.00691	-70.71	98.99	0.00723

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00736	-74.25	95.46	0.00740
-75.66	94.05	0.00740	-77.07	92.63	0.00739

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-78.49	91.22	0.00734	-91.22	78.49	0.00597
-92.63	77.07	0.00595	-94.05	75.66	0.00594
-95.46	74.25	0.00593	-96.87	72.83	0.00591
-98.99	70.71	0.00588	-102.53	67.18	0.00581
-106.07	63.64	0.00569	-113.14	56.57	0.00537
-120.21	49.50	0.00497	-127.28	42.43	0.00455
-134.35	35.36	0.00416	-141.42	28.28	0.00379
-148.49	21.21	0.00346	-155.56	14.14	0.00316
-7.07	148.49	0.00304	-14.14	141.42	0.00334
-21.21	134.35	0.00370	-28.28	127.28	0.00411
-35.36	120.21	0.00460	-42.43	113.14	0.00517
-49.50	106.07	0.00584	-56.57	98.99	0.00657
-60.10	95.46	0.00693	-63.64	91.92	0.00725
-65.76	89.80	0.00739	-67.18	88.39	0.00744
-68.59	86.97	0.00744	-70.00	85.56	0.00740
-71.42	84.15	0.00735	-84.15	71.42	0.00602
-85.56	70.00	0.00599	-86.97	68.59	0.00598
-88.39	67.18	0.00597	-89.80	65.76	0.00596
-91.92	63.64	0.00594	-95.46	60.10	0.00586
-98.99	56.57	0.00575	-106.07	49.50	0.00543
-113.14	42.43	0.00503	-120.21	35.36	0.00461
-127.28	28.28	0.00421	-134.35	21.21	0.00384
-141.42	14.14	0.00351	-148.49	7.07	0.00321
0.00	141.42	0.00305	-7.07	134.35	0.00336
-14.14	127.28	0.00371	-21.21	120.21	0.00413
-28.28	113.14	0.00462	-35.36	106.07	0.00519
-42.43	98.99	0.00586	-49.50	91.92	0.00660
-53.03	88.39	0.00696	-56.57	84.85	0.00726
-58.69	82.73	0.00740	-60.10	81.32	0.00745
-61.52	79.90	0.00746	-62.93	78.49	0.00742
-64.35	77.07	0.00737	-77.07	64.35	0.00605
-78.49	62.93	0.00603	-79.90	61.52	0.00602
-81.32	60.10	0.00601	-82.73	58.69	0.00600
-84.85	56.57	0.00598	-88.39	53.03	0.00591
-91.92	49.50	0.00580	-98.99	42.43	0.00548
-106.07	35.36	0.00508	-113.14	28.28	0.00466
-120.21	21.21	0.00426	-127.28	14.14	0.00389
-134.35	7.07	0.00356	-141.42	0.00	0.00326

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTS:
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00306	0.00	127.28	0.00337
-7.07	120.21	0.00372	-14.14	113.14	0.00414
-21.21	106.07	0.00463	-28.28	98.99	0.00521
-35.36	91.92	0.00588	-42.43	84.85	0.00661
-45.96	81.32	0.00698	-49.50	77.78	0.00729
-51.62	75.66	0.00741	-53.03	74.25	0.00747
-54.45	72.83	0.00748	-55.86	71.42	0.00744
-57.28	70.00	0.00737	-70.00	57.28	0.00609
-71.42	55.86	0.00606	-72.83	54.45	0.00605
-74.25	53.03	0.00604	-75.66	51.62	0.00604
-77.78	49.50	0.00602	-81.32	45.96	0.00595
-84.85	42.43	0.00584	-91.92	35.36	0.00553
-98.99	28.28	0.00513	-106.07	21.21	0.00471
-113.14	14.14	0.00430	-120.21	7.07	0.00393
-127.28	0.00	0.00360	-134.35	-7.07	0.00330
14.14	127.28	0.00306	7.07	120.21	0.00337
0.00	113.14	0.00373	-7.07	106.07	0.00415
-14.14	98.99	0.00465	-21.21	91.92	0.00523
-28.28	84.85	0.00589	-35.36	77.78	0.00663
-38.89	74.25	0.00699	-42.43	70.71	0.00730
-44.55	68.59	0.00744	-45.96	67.18	0.00748
-47.38	65.76	0.00749	-48.79	64.35	0.00745
-50.20	62.93	0.00737	-62.93	50.20	0.00612
-64.35	48.79	0.00609	-65.76	47.38	0.00608
-67.18	45.96	0.00607	-68.59	44.55	0.00607
-70.71	42.43	0.00604	-74.25	38.89	0.00598
-77.78	35.36	0.00588	-84.85	28.28	0.00556
-91.92	21.21	0.00517	-98.99	14.14	0.00475
-106.07	7.07	0.00434	-113.14	0.00	0.00397
-120.21	-7.07	0.00363	-127.28	-14.14	0.00333
21.21	120.21	0.00307	14.14	113.14	0.00338
7.07	106.07	0.00374	0.00	98.99	0.00416
-7.07	91.92	0.00466	-14.14	84.85	0.00523
-21.21	77.78	0.00590	-28.28	70.71	0.00664
-31.82	67.18	0.00700	-35.36	63.64	0.00732
-37.48	61.52	0.00745	-38.89	60.10	0.00750
-40.31	58.69	0.00751	-41.72	57.28	0.00746
-43.13	55.86	0.00738	-55.86	43.13	0.00614
-57.28	41.72	0.00611	-58.69	40.31	0.00610
-60.10	38.89	0.00610	-61.52	37.48	0.00609

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:40:16

**MODELOPTs:

PAGE 130

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00607	-67.18	31.82	0.00601
-70.71	28.28	0.00591	-77.78	21.21	0.00560
-84.85	14.14	0.00520	-91.92	7.07	0.00478
-98.99	0.00	0.00437	-106.07	-7.07	0.00400
-113.14	-14.14	0.00366	-120.21	-21.21	0.00336
28.28	113.14	0.00307	21.21	106.07	0.00338
14.14	98.99	0.00374	7.07	91.92	0.00417
0.00	84.85	0.00466	-7.07	77.78	0.00524
-14.14	70.71	0.00591	-21.21	63.64	0.00665
-24.75	60.10	0.00702	-28.28	56.57	0.00734
-30.41	54.45	0.00747	-31.82	53.03	0.00751
-33.23	51.62	0.00752	-34.65	50.20	0.00747
-36.06	48.79	0.00739	-48.79	36.06	0.00617
-50.20	34.65	0.00614	-51.62	33.23	0.00612
-53.03	31.82	0.00612	-54.45	30.41	0.00611
-56.57	28.28	0.00609	-60.10	24.75	0.00603
-63.64	21.21	0.00593	-70.71	14.14	0.00562
-77.78	7.07	0.00523	-84.85	0.00	0.00481
-91.92	-7.07	0.00440	-98.99	-14.14	0.00403
-106.07	-21.21	0.00369	-113.14	-28.28	0.00339
35.36	106.07	0.00307	28.28	98.99	0.00338
21.21	91.92	0.00375	14.14	84.85	0.00417
7.07	77.78	0.00467	0.00	70.71	0.00525
-7.07	63.64	0.00592	-14.14	56.57	0.00665
-17.68	53.03	0.00703	-21.21	49.50	0.00735
-23.33	47.38	0.00748	-24.75	45.96	0.00753
-26.16	44.55	0.00756	-27.58	43.13	0.00751
-28.99	41.72	0.00741	-41.72	28.99	0.00619
-43.13	27.58	0.00616	-44.55	26.16	0.00614
-45.96	24.75	0.00613	-47.38	23.33	0.00613
-49.50	21.21	0.00611	-53.03	17.68	0.00605
-56.57	14.14	0.00595	-63.64	7.07	0.00565
-70.71	0.00	0.00525	-77.78	-7.07	0.00483
-84.85	-14.14	0.00443	-91.92	-21.21	0.00405

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-98.99	-28.28	0.00371	-106.07	-35.36	0.00341
42.43	98.99	0.00307	35.36	91.92	0.00338
28.28	84.85	0.00375	21.21	77.78	0.00417
14.14	70.71	0.00467	7.07	63.64	0.00525
0.00	56.57	0.00592	-7.07	49.50	0.00665
-10.61	45.96	0.00703	-14.14	42.43	0.00735

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 131
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00748	-17.68	38.89	0.00752
-19.09	37.48	0.00753	-20.51	36.06	0.00756
-21.92	34.65	0.00750	-34.65	21.92	0.00619
-36.06	20.51	0.00617	-37.48	19.09	0.00616
-38.89	17.68	0.00615	-40.31	16.26	0.00614
-42.43	14.14	0.00613	-45.96	10.61	0.00607
-49.50	7.07	0.00597	-56.57	0.00	0.00566
-63.64	-7.07	0.00527	-70.71	-14.14	0.00485
-77.78	-21.21	0.00445	-84.85	-28.28	0.00407
-91.92	-35.36	0.00373	-98.99	-42.43	0.00343
49.50	91.92	0.00306	42.43	84.85	0.00338
35.36	77.78	0.00375	28.28	70.71	0.00417
21.21	63.64	0.00467	14.14	56.57	0.00525
7.07	49.50	0.00592	0.00	42.43	0.00665
-3.54	38.89	0.00702	-7.07	35.36	0.00736
-9.19	33.23	0.00749	-10.61	31.82	0.00753
-12.02	30.41	0.00754	-13.44	28.99	0.00753
-14.85	27.58	0.00749	-27.58	14.85	0.00618
-28.99	13.44	0.00617	-30.41	12.02	0.00617
-31.82	10.61	0.00616	-33.23	9.19	0.00616
-35.36	7.07	0.00614	-38.89	3.54	0.00608
-42.43	0.00	0.00598	-49.50	-7.07	0.00568
-56.57	-14.14	0.00529	-63.64	-21.21	0.00487
-70.71	-28.28	0.00446	-77.78	-35.36	0.00409
-84.85	-42.43	0.00375	-91.92	-49.50	0.00344
56.57	84.85	0.00305	49.50	77.78	0.00337
42.43	70.71	0.00374	35.36	63.64	0.00417
28.28	56.57	0.00467	21.21	49.50	0.00525

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

14.14	42.43	0.00592	7.07	35.36	0.00666
3.54	31.82	0.00702	0.00	28.28	0.00735
-2.12	26.16	0.00749	-3.54	24.75	0.00755
-4.95	23.33	0.00755	-6.36	21.92	0.00751
-7.78	20.51	0.00748	-20.51	7.78	0.00619
-21.92	6.36	0.00617	-23.33	4.95	0.00617
-24.75	3.54	0.00617	-26.16	2.12	0.00616
-28.28	0.00	0.00615	-31.82	-3.54	0.00609
-35.36	-7.07	0.00599	-42.43	-14.14	0.00569
-49.50	-21.21	0.00530	-56.57	-28.28	0.00489
-63.64	-35.36	0.00448	-70.71	-42.43	0.00410
-77.78	-49.50	0.00376	-84.85	-56.57	0.00345

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

PAGE 132

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00304	56.57	70.71	0.00336
49.50	63.64	0.00373	42.43	56.57	0.00417
35.36	49.50	0.00467	28.28	42.43	0.00525
21.21	35.36	0.00592	14.14	28.28	0.00666
10.61	24.75	0.00703	7.07	21.21	0.00734
4.95	19.09	0.00748	3.54	17.68	0.00754
2.12	16.26	0.00755	0.71	14.85	0.00751
-0.71	13.44	0.00747	-13.44	0.71	0.00620
-14.85	-0.71	0.00618	-16.26	-2.12	0.00618
-17.68	-3.54	0.00617	-19.09	-4.95	0.00617
-21.21	-7.07	0.00615	-24.75	-10.61	0.00610
-28.28	-14.14	0.00600	-35.36	-21.21	0.00570
-42.43	-28.28	0.00532	-49.50	-35.36	0.00490
-56.57	-42.43	0.00449	-63.64	-49.50	0.00411
-70.71	-56.57	0.00377	-77.78	-63.64	0.00346
70.71	70.71	0.00303	63.64	63.64	0.00335
56.57	56.57	0.00372	49.50	49.50	0.00416
42.43	42.43	0.00466	35.36	35.36	0.00525
28.28	28.28	0.00592	21.21	21.21	0.00666
17.68	17.68	0.00703	14.14	14.14	0.00735
12.02	12.02	0.00748	10.61	10.61	0.00753
9.19	9.19	0.00755	7.78	7.78	0.00751

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

6.36	6.36	0.00745	-6.36	-6.36	0.00620
-7.78	-7.78	0.00619	-9.19	-9.19	0.00618
-10.61	-10.61	0.00618	-12.02	-12.02	0.00617
-14.14	-14.14	0.00616	-17.68	-17.68	0.00610
-21.21	-21.21	0.00601	-28.28	-28.28	0.00571
-35.36	-35.36	0.00532	-42.43	-42.43	0.00491
-49.50	-49.50	0.00450	-56.57	-56.57	0.00412
-63.64	-63.64	0.00378	-70.71	-70.71	0.00347
77.78	63.64	0.00301	70.71	56.57	0.00334
63.64	49.50	0.00371	56.57	42.43	0.00415
49.50	35.36	0.00465	42.43	28.28	0.00524
35.36	21.21	0.00591	28.28	14.14	0.00666
24.75	10.61	0.00703	21.21	7.07	0.00735
19.09	4.95	0.00748	17.68	3.54	0.00753
16.26	2.12	0.00754	14.85	0.71	0.00751
13.44	-0.71	0.00743	0.71	-13.44	0.00621
-0.71	-14.85	0.00619	-2.12	-16.26	0.00618
-3.54	-17.68	0.00618	-4.95	-19.09	0.00618

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 133
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00616	-10.61	-24.75	0.00611
-14.14	-28.28	0.00601	-21.21	-35.36	0.00572
-28.28	-42.43	0.00533	-35.36	-49.50	0.00491
-42.43	-56.57	0.00451	-49.50	-63.64	0.00413
-56.57	-70.71	0.00378	-63.64	-77.78	0.00348
84.85	56.57	0.00299	77.78	49.50	0.00332
70.71	42.43	0.00370	63.64	35.36	0.00413
56.57	28.28	0.00464	49.50	21.21	0.00523
42.43	14.14	0.00591	35.36	7.07	0.00665
31.82	3.54	0.00702	28.28	0.00	0.00734
26.16	-2.12	0.00748	24.75	-3.54	0.00753
23.33	-4.95	0.00754	21.92	-6.36	0.00750
20.51	-7.78	0.00743	7.78	-20.51	0.00622
6.36	-21.92	0.00619	4.95	-23.33	0.00618
3.54	-24.75	0.00618	2.12	-26.16	0.00618
0.00	-28.28	0.00616	-3.54	-31.82	0.00611

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-35.36	0.00601	-14.14	-42.43	0.00572
-21.21	-49.50	0.00533	-28.28	-56.57	0.00492
-35.36	-63.64	0.00451	-42.43	-70.71	0.00413
-49.50	-77.78	0.00379	-56.57	-84.85	0.00348
91.92	49.50	0.00296	84.85	42.43	0.00329
77.78	35.36	0.00367	70.71	28.28	0.00411
63.64	21.21	0.00462	56.57	14.14	0.00522
49.50	7.07	0.00589	42.43	0.00	0.00664
38.89	-3.54	0.00702	35.36	-7.07	0.00735
33.23	-9.19	0.00748	31.82	-10.61	0.00753
30.41	-12.02	0.00754	28.99	-13.44	0.00750
27.58	-14.85	0.00741	14.85	-27.58	0.00622
13.44	-28.99	0.00619	12.02	-30.41	0.00618
10.61	-31.82	0.00618	9.19	-33.23	0.00618
7.07	-35.36	0.00616	3.54	-38.89	0.00611
0.00	-42.43	0.00601	-7.07	-49.50	0.00572
-14.14	-56.57	0.00533	-21.21	-63.64	0.00492
-28.28	-70.71	0.00451	-35.36	-77.78	0.00413
-42.43	-84.85	0.00379	-49.50	-91.92	0.00348
98.99	42.43	0.00293	91.92	35.36	0.00327
84.85	28.28	0.00365	77.78	21.21	0.00409
70.71	14.14	0.00461	63.64	7.07	0.00520
56.57	0.00	0.00588	49.50	-7.07	0.00663
45.96	-10.61	0.00701	42.43	-14.14	0.00734

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
 PAGE 134
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00748	38.89	-17.68	0.00753
37.48	-19.09	0.00756	36.06	-20.51	0.00752
34.65	-21.92	0.00742	21.92	-34.65	0.00623
20.51	-36.06	0.00620	19.09	-37.48	0.00618
17.68	-38.89	0.00617	16.26	-40.31	0.00617
14.14	-42.43	0.00616	10.61	-45.96	0.00610
7.07	-49.50	0.00601	0.00	-56.57	0.00572
-7.07	-63.64	0.00533	-14.14	-70.71	0.00492
-21.21	-77.78	0.00451	-28.28	-84.85	0.00413
-35.36	-91.92	0.00378	-42.43	-98.99	0.00347

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

106.07	35.36	0.00290	98.99	28.28	0.00323
91.92	21.21	0.00362	84.85	14.14	0.00407
77.78	7.07	0.00458	70.71	0.00	0.00518
63.64	-7.07	0.00586	56.57	-14.14	0.00661
53.03	-17.68	0.00700	49.50	-21.21	0.00733
47.38	-23.33	0.00746	45.96	-24.75	0.00751
44.55	-26.16	0.00752	43.13	-27.58	0.00755
41.72	-28.99	0.00749	28.99	-41.72	0.00621
27.58	-43.13	0.00619	26.16	-44.55	0.00618
24.75	-45.96	0.00617	23.33	-47.38	0.00617
21.21	-49.50	0.00616	17.68	-53.03	0.00610
14.14	-56.57	0.00600	7.07	-63.64	0.00571
0.00	-70.71	0.00533	-7.07	-77.78	0.00491
-14.14	-84.85	0.00451	-21.21	-91.92	0.00412
-28.28	-98.99	0.00378	-35.36	-106.07	0.00346
113.14	28.28	0.00285	106.07	21.21	0.00319
98.99	14.14	0.00358	91.92	7.07	0.00403
84.85	0.00	0.00455	77.78	-7.07	0.00516
70.71	-14.14	0.00584	63.64	-21.21	0.00659
60.10	-24.75	0.00697	56.57	-28.28	0.00731
54.45	-30.41	0.00745	53.03	-31.82	0.00750
51.62	-33.23	0.00751	50.20	-34.65	0.00751
48.79	-36.06	0.00746	36.06	-48.79	0.00618
34.65	-50.20	0.00617	33.23	-51.62	0.00617
31.82	-53.03	0.00617	30.41	-54.45	0.00616
28.28	-56.57	0.00615	24.75	-60.10	0.00610
21.21	-63.64	0.00600	14.14	-70.71	0.00570
7.07	-77.78	0.00532	0.00	-84.85	0.00490
-7.07	-91.92	0.00450	-14.14	-98.99	0.00411
-21.21	-106.07	0.00377	-28.28	-113.14	0.00345

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00280	113.14	14.14	0.00314
106.07	7.07	0.00354	98.99	0.00	0.00399
91.92	-7.07	0.00452	84.85	-14.14	0.00513
77.78	-21.21	0.00582	70.71	-28.28	0.00658

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

67.18	-31.82	0.00695	63.64	-35.36	0.00729
61.52	-37.48	0.00744	60.10	-38.89	0.00750
58.69	-40.31	0.00750	57.28	-41.72	0.00747
55.86	-43.13	0.00744	43.13	-55.86	0.00617
41.72	-57.28	0.00616	40.31	-58.69	0.00615
38.89	-60.10	0.00615	37.48	-61.52	0.00615
35.36	-63.64	0.00614	31.82	-67.18	0.00608
28.28	-70.71	0.00599	21.21	-77.78	0.00570
14.14	-84.85	0.00531	7.07	-91.92	0.00489
0.00	-98.99	0.00448	-7.07	-106.07	0.00410
-14.14	-113.14	0.00375	-21.21	-120.21	0.00344
127.28	14.14	0.00274	120.21	7.07	0.00309
113.14	0.00	0.00348	106.07	-7.07	0.00394
98.99	-14.14	0.00448	91.92	-21.21	0.00509
84.85	-28.28	0.00579	77.78	-35.36	0.00656
74.25	-38.89	0.00694	70.71	-42.43	0.00726
68.59	-44.55	0.00741	67.18	-45.96	0.00747
65.76	-47.38	0.00749	64.35	-48.79	0.00745
62.93	-50.20	0.00741	50.20	-62.93	0.00616
48.79	-64.35	0.00615	47.38	-65.76	0.00614
45.96	-67.18	0.00614	44.55	-68.59	0.00614
42.43	-70.71	0.00612	38.89	-74.25	0.00607
35.36	-77.78	0.00598	28.28	-84.85	0.00568
21.21	-91.92	0.00530	14.14	-98.99	0.00488
7.07	-106.07	0.00447	0.00	-113.14	0.00408
-7.07	-120.21	0.00373	-14.14	-127.28	0.00342
134.35	7.07	0.00268	127.28	0.00	0.00302
120.21	-7.07	0.00342	113.14	-14.14	0.00389
106.07	-21.21	0.00443	98.99	-28.28	0.00505
91.92	-35.36	0.00576	84.85	-42.43	0.00653
81.32	-45.96	0.00691	77.78	-49.50	0.00724
75.66	-51.62	0.00738	74.25	-53.03	0.00744
72.83	-54.45	0.00746	71.42	-55.86	0.00743
70.00	-57.28	0.00737	57.28	-70.00	0.00615
55.86	-71.42	0.00613	54.45	-72.83	0.00612
53.03	-74.25	0.00612	51.62	-75.66	0.00612

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00611	45.96	-81.32	0.00605
42.43	-84.85	0.00596	35.36	-91.92	0.00566
28.28	-98.99	0.00528	21.21	-106.07	0.00486
14.14	-113.14	0.00444	7.07	-120.21	0.00406
0.00	-127.28	0.00371	-7.07	-134.35	0.00340
141.42	0.00	0.00260	134.35	-7.07	0.00294
127.28	-14.14	0.00334	120.21	-21.21	0.00381
113.14	-28.28	0.00436	106.07	-35.36	0.00499
98.99	-42.43	0.00571	91.92	-49.50	0.00650
88.39	-53.03	0.00688	84.85	-56.57	0.00722
82.73	-58.69	0.00736	81.32	-60.10	0.00742
79.90	-61.52	0.00743	78.49	-62.93	0.00740
77.07	-64.35	0.00733	64.35	-77.07	0.00613
62.93	-78.49	0.00611	61.52	-79.90	0.00611
60.10	-81.32	0.00610	58.69	-82.73	0.00610
56.57	-84.85	0.00609	53.03	-88.39	0.00603
49.50	-91.92	0.00594	42.43	-98.99	0.00564
35.36	-106.07	0.00525	28.28	-113.14	0.00483
21.21	-120.21	0.00442	14.14	-127.28	0.00403
7.07	-134.35	0.00368	0.00	-141.42	0.00337
148.49	-7.07	0.00250	141.42	-14.14	0.00285
134.35	-21.21	0.00325	127.28	-28.28	0.00373
120.21	-35.36	0.00428	113.14	-42.43	0.00492
106.07	-49.50	0.00566	98.99	-56.57	0.00645
95.46	-60.10	0.00684	91.92	-63.64	0.00718
89.80	-65.76	0.00733	88.39	-67.18	0.00739
86.97	-68.59	0.00741	85.56	-70.00	0.00737
84.15	-71.42	0.00730	71.42	-84.15	0.00611
70.00	-85.56	0.00609	68.59	-86.97	0.00608
67.18	-88.39	0.00608	65.76	-89.80	0.00608
63.64	-91.92	0.00606	60.10	-95.46	0.00601
56.57	-98.99	0.00591	49.50	-106.07	0.00562
42.43	-113.14	0.00522	35.36	-120.21	0.00480
28.28	-127.28	0.00438	21.21	-134.35	0.00399
14.14	-141.42	0.00365	7.07	-148.49	0.00333
155.56	-14.14	0.00240	148.49	-21.21	0.00274
141.42	-28.28	0.00314	134.35	-35.36	0.00362
127.28	-42.43	0.00418	120.21	-49.50	0.00484
113.14	-56.57	0.00558	106.07	-63.64	0.00639
102.53	-67.18	0.00680	98.99	-70.71	0.00715

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00730	95.46	-74.25	0.00735
94.05	-75.66	0.00737	92.63	-77.07	0.00734
91.22	-78.49	0.00726	78.49	-91.22	0.00609
77.07	-92.63	0.00606	75.66	-94.05	0.00605
74.25	-95.46	0.00605	72.83	-96.87	0.00605
70.71	-98.99	0.00603	67.18	-102.53	0.00598
63.64	-106.07	0.00588	56.57	-113.14	0.00558
49.50	-120.21	0.00518	42.43	-127.28	0.00475
35.36	-134.35	0.00434	28.28	-141.42	0.00395
21.21	-148.49	0.00360	14.14	-155.56	0.00329
162.63	-21.21	0.00228	155.56	-28.28	0.00261
148.49	-35.36	0.00301	141.42	-42.43	0.00349
134.35	-49.50	0.00406	127.28	-56.57	0.00473
120.21	-63.64	0.00549	113.14	-70.71	0.00632
109.60	-74.25	0.00674	106.07	-77.78	0.00710
103.94	-79.90	0.00725	102.53	-81.32	0.00732
101.12	-82.73	0.00735	99.70	-84.15	0.00732
98.29	-85.56	0.00723	85.56	-98.29	0.00607
84.15	-99.70	0.00604	82.73	-101.12	0.00602
81.32	-102.53	0.00601	79.90	-103.94	0.00601
77.78	-106.07	0.00600	74.25	-109.60	0.00594
70.71	-113.14	0.00584	63.64	-120.21	0.00554
56.57	-127.28	0.00513	49.50	-134.35	0.00470
42.43	-141.42	0.00429	35.36	-148.49	0.00390
28.28	-155.56	0.00355	21.21	-162.63	0.00324
169.71	-28.28	0.00215	162.63	-35.36	0.00247
155.56	-42.43	0.00285	148.49	-49.50	0.00333
141.42	-56.57	0.00390	134.35	-63.64	0.00458
127.28	-70.71	0.00537	120.21	-77.78	0.00622
116.67	-81.32	0.00665	113.14	-84.85	0.00702
111.02	-86.97	0.00718	109.60	-88.39	0.00724
108.19	-89.80	0.00726	106.77	-91.22	0.00731
105.36	-92.63	0.00726	92.63	-105.36	0.00601
91.22	-106.77	0.00599	89.80	-108.19	0.00598
88.39	-109.60	0.00597	86.97	-111.02	0.00597
84.85	-113.14	0.00595	81.32	-116.67	0.00589

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-120.21	0.00579	70.71	-127.28	0.00548
63.64	-134.35	0.00507	56.57	-141.42	0.00464
49.50	-148.49	0.00422	42.43	-155.56	0.00384
35.36	-162.63	0.00349	28.28	-169.71	0.00319

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00201	169.71	-42.43	0.00231
162.63	-49.50	0.00268	155.56	-56.57	0.00314
148.49	-63.64	0.00371	141.42	-70.71	0.00439
134.35	-77.78	0.00520	127.28	-84.85	0.00609
123.74	-88.39	0.00653	120.21	-91.92	0.00693
118.09	-94.05	0.00710	116.67	-95.46	0.00717
115.26	-96.87	0.00719	113.84	-98.29	0.00721
112.43	-99.70	0.00718	99.70	-112.43	0.00594
98.29	-113.84	0.00593	96.87	-115.26	0.00592
95.46	-116.67	0.00592	94.05	-118.09	0.00591
91.92	-120.21	0.00590	88.39	-123.74	0.00584
84.85	-127.28	0.00573	77.78	-134.35	0.00540
70.71	-141.42	0.00499	63.64	-148.49	0.00456
56.57	-155.56	0.00414	49.50	-162.63	0.00376
42.43	-169.71	0.00342	35.36	-176.78	0.00312
183.85	-42.43	0.00186	176.78	-49.50	0.00213
169.71	-56.57	0.00248	162.63	-63.64	0.00291
155.56	-70.71	0.00346	148.49	-77.78	0.00415
141.42	-84.85	0.00498	134.35	-91.92	0.00592
130.81	-95.46	0.00638	127.28	-98.99	0.00680
125.16	-101.12	0.00699	123.74	-102.53	0.00707
122.33	-103.94	0.00710	120.92	-105.36	0.00709
119.50	-106.77	0.00708	106.77	-119.50	0.00588
105.36	-120.92	0.00586	103.94	-122.33	0.00585
102.53	-123.74	0.00585	101.12	-125.16	0.00584
98.99	-127.28	0.00582	95.46	-130.81	0.00576
91.92	-134.35	0.00565	84.85	-141.42	0.00531
77.78	-148.49	0.00489	70.71	-155.56	0.00446
63.64	-162.63	0.00405	56.57	-169.71	0.00367
49.50	-176.78	0.00333	42.43	-183.85	0.00304

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-49.50	0.00170	183.85	-56.57	0.00195
176.78	-63.64	0.00226	169.71	-70.71	0.00266
162.63	-77.78	0.00317	155.56	-84.85	0.00384
148.49	-91.92	0.00467	141.42	-98.99	0.00566
137.89	-102.53	0.00616	134.35	-106.07	0.00661
132.23	-108.19	0.00682	130.81	-109.60	0.00692
129.40	-111.02	0.00698	127.99	-112.43	0.00697
126.57	-113.84	0.00696	113.84	-126.57	0.00580
112.43	-127.99	0.00578	111.02	-129.40	0.00577
109.60	-130.81	0.00576	108.19	-132.23	0.00575

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00573	102.53	-137.89	0.00565
98.99	-141.42	0.00553	91.92	-148.49	0.00518
84.85	-155.56	0.00477	77.78	-162.63	0.00434
70.71	-169.71	0.00393	63.64	-176.78	0.00356
56.57	-183.85	0.00323	49.50	-190.92	0.00294
197.99	-56.57	0.00154	190.92	-63.64	0.00176
183.85	-70.71	0.00204	176.78	-77.78	0.00239
169.71	-84.85	0.00284	162.63	-91.92	0.00345
155.56	-98.99	0.00425	148.49	-106.07	0.00527
144.96	-109.60	0.00582	141.42	-113.14	0.00634
139.30	-115.26	0.00658	137.89	-116.67	0.00670
136.47	-118.09	0.00678	135.06	-119.50	0.00680
133.64	-120.92	0.00679	120.92	-133.64	0.00570
119.50	-135.06	0.00567	118.09	-136.47	0.00566
116.67	-137.89	0.00565	115.26	-139.30	0.00563
113.14	-141.42	0.00560	109.60	-144.96	0.00551
106.07	-148.49	0.00537	98.99	-155.56	0.00502
91.92	-162.63	0.00461	84.85	-169.71	0.00418
77.78	-176.78	0.00378	70.71	-183.85	0.00342
63.64	-190.92	0.00310	56.57	-197.99	0.00282
205.06	-63.64	0.00139	197.99	-70.71	0.00157
190.92	-77.78	0.00180	183.85	-84.85	0.00210
176.78	-91.92	0.00249	169.71	-98.99	0.00301
162.63	-106.07	0.00372	155.56	-113.14	0.00470

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

152.03	-116.67	0.00529	148.49	-120.21	0.00588
146.37	-122.33	0.00620	144.96	-123.74	0.00636
143.54	-125.16	0.00648	142.13	-126.57	0.00654
140.71	-127.99	0.00655	127.99	-140.71	0.00557
126.57	-142.13	0.00553	125.16	-143.54	0.00551
123.74	-144.96	0.00549	122.33	-146.37	0.00546
120.21	-148.49	0.00542	116.67	-152.03	0.00531
113.14	-155.56	0.00517	106.07	-162.63	0.00481
98.99	-169.71	0.00440	91.92	-176.78	0.00399
84.85	-183.85	0.00360	77.78	-190.92	0.00325
70.71	-197.99	0.00295	63.64	-205.06	0.00269
212.13	-70.71	0.00124	205.06	-77.78	0.00139
197.99	-84.85	0.00158	190.92	-91.92	0.00182
183.85	-98.99	0.00213	176.78	-106.07	0.00254
169.71	-113.14	0.00311	162.63	-120.21	0.00393
159.10	-123.74	0.00447	155.56	-127.28	0.00511

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00549	152.03	-130.81	0.00573
150.61	-132.23	0.00593	149.20	-133.64	0.00607
147.79	-135.06	0.00616	135.06	-147.79	0.00538
133.64	-149.20	0.00532	132.23	-150.61	0.00529
130.81	-152.03	0.00525	129.40	-153.44	0.00522
127.28	-155.56	0.00515	123.74	-159.10	0.00502
120.21	-162.63	0.00488	113.14	-169.71	0.00452
106.07	-176.78	0.00413	98.99	-183.85	0.00373
91.92	-190.92	0.00338	84.85	-197.99	0.00306
77.78	-205.06	0.00278	70.71	-212.13	0.00254
219.20	-77.78	0.00110	212.13	-84.85	0.00123
205.06	-91.92	0.00138	197.99	-98.99	0.00156
190.92	-106.07	0.00179	183.85	-113.14	0.00209
176.78	-120.21	0.00248	169.71	-127.28	0.00305
166.17	-130.81	0.00344	162.63	-134.35	0.00392
160.51	-136.47	0.00428	159.10	-137.89	0.00453
157.68	-139.30	0.00481	156.27	-140.71	0.00508
154.86	-142.13	0.00532	142.13	-154.86	0.00508

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

140.71	-156.27	0.00500	139.30	-157.68	0.00494
137.89	-159.10	0.00488	136.47	-160.51	0.00483
134.35	-162.63	0.00476	130.81	-166.17	0.00462
127.28	-169.71	0.00447	120.21	-176.78	0.00413
113.14	-183.85	0.00378	106.07	-190.92	0.00344
98.99	-197.99	0.00312	91.92	-205.06	0.00284
84.85	-212.13	0.00260	77.78	-219.20	0.00238
226.27	-84.85	0.00097	219.20	-91.92	0.00107
212.13	-98.99	0.00119	205.06	-106.07	0.00132
197.99	-113.14	0.00149	190.92	-120.21	0.00169
183.85	-127.28	0.00193	176.78	-134.35	0.00224
173.24	-137.89	0.00243	169.71	-141.42	0.00264
167.58	-143.54	0.00278	166.17	-144.96	0.00289
164.76	-146.37	0.00301	163.34	-147.79	0.00317
161.93	-149.20	0.00340	149.20	-161.93	0.00446
147.79	-163.34	0.00436	146.37	-164.76	0.00428
144.96	-166.17	0.00423	143.54	-167.58	0.00418
141.42	-169.71	0.00412	137.89	-173.24	0.00402
134.35	-176.78	0.00391	127.28	-183.85	0.00366
120.21	-190.92	0.00338	113.14	-197.99	0.00310
106.07	-205.06	0.00284	98.99	-212.13	0.00260
91.92	-219.20	0.00239	84.85	-226.27	0.00221

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00086	226.27	-98.99	0.00093
219.20	-106.07	0.00101	212.13	-113.14	0.00111
205.06	-120.21	0.00122	197.99	-127.28	0.00135
190.92	-134.35	0.00148	183.85	-141.42	0.00162
180.31	-144.96	0.00168	176.78	-148.49	0.00172
174.66	-150.61	0.00174	173.24	-152.03	0.00174
171.83	-153.44	0.00174	170.41	-154.86	0.00174
169.00	-156.27	0.00174	156.27	-169.00	0.00301
154.86	-170.41	0.00311	153.44	-171.83	0.00318
152.03	-173.24	0.00323	150.61	-174.66	0.00326
148.49	-176.78	0.00328	144.96	-180.31	0.00328
141.42	-183.85	0.00325	134.35	-190.92	0.00312

17NCRA_NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-197.99	0.00294	120.21	-205.06	0.00274
113.14	-212.13	0.00254	106.07	-219.20	0.00235
98.99	-226.27	0.00218	91.92	-233.35	0.00203
240.42	-98.99	0.00075	233.35	-106.07	0.00081
226.27	-113.14	0.00087	219.20	-120.21	0.00094
212.13	-127.28	0.00101	205.06	-134.35	0.00108
197.99	-141.42	0.00115	190.92	-148.49	0.00121
187.38	-152.03	0.00123	183.85	-155.56	0.00125
181.73	-157.68	0.00125	180.31	-159.10	0.00126
178.90	-160.51	0.00127	177.48	-161.93	0.00129
176.07	-163.34	0.00130	163.34	-176.07	0.00210
161.93	-177.48	0.00219	160.51	-178.90	0.00226
159.10	-180.31	0.00233	157.68	-181.73	0.00239
155.56	-183.85	0.00246	152.03	-187.38	0.00255
148.49	-190.92	0.00260	141.42	-197.99	0.00260
134.35	-205.06	0.00251	127.28	-212.13	0.00238
120.21	-219.20	0.00224	113.14	-226.27	0.00210
106.07	-233.35	0.00197	98.99	-240.42	0.00185
247.49	-106.07	0.00066	240.42	-113.14	0.00071
233.35	-120.21	0.00075	226.27	-127.28	0.00079
219.20	-134.35	0.00084	212.13	-141.42	0.00089
205.06	-148.49	0.00093	197.99	-155.56	0.00096
194.45	-159.10	0.00098	190.92	-162.63	0.00101
188.80	-164.76	0.00102	187.38	-166.17	0.00103
185.97	-167.58	0.00104	184.55	-169.00	0.00105
183.14	-170.41	0.00106	170.41	-183.14	0.00163
169.00	-184.55	0.00170	167.58	-185.97	0.00176
166.17	-187.38	0.00181	164.76	-188.80	0.00185

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:40:16
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00190	159.10	-194.45	0.00197
155.56	-197.99	0.00203	148.49	-205.06	0.00210
141.42	-212.13	0.00210	134.35	-219.20	0.00205
127.28	-226.27	0.00196	120.21	-233.35	0.00187
113.14	-240.42	0.00177	106.07	-247.49	0.00167

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction

18:40:16

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS 0.00614 AT (	129.40, -111.02, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00613 AT (	127.99, -112.43, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00610 AT (	126.57, -113.84, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00610 AT (	122.33, -103.94, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00609 AT (	130.81, -109.60, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00608 AT (	135.06, -119.50, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00608 AT (	120.92, -105.36, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00607 AT (	123.74, -102.53, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00607 AT (	136.47, -118.09, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00606 AT (	133.64, -120.92, 0.00,	1.20) DC	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00614 AT (	65.76, -47.38, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00613 AT (	64.35, -48.79, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00610 AT (	62.93, -50.20, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00610 AT (	58.69, -40.31, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00609 AT (	67.18, -45.96, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00608 AT (	71.42, -55.86, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00608 AT (	57.28, -41.72, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00607 AT (	60.10, -38.89, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00607 AT (	72.83, -54.45, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00606 AT (	70.00, -57.28, 0.00,	1.20) DC	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00614 AT (	2.12, 16.26, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00613 AT (	0.71, 14.85, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00610 AT (	-0.71, 13.44, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00610 AT (	-4.95, 23.33, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00609 AT (	3.54, 17.68, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00608 AT (	7.78, 7.78, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00608 AT (	-6.36, 21.92, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00607 AT (	-3.54, 24.75, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00607 AT (	9.19, 9.19, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00606 AT (	6.36, 6.36, 0.00,	1.20) DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00614 AT (	-61.52, 79.90, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00613 AT (	-62.93, 78.49, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00610 AT (	-64.35, 77.07, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00610 AT (	-68.59, 86.97, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00609 AT (	-60.10, 81.32, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00608 AT (	-55.86, 71.42, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00608 AT (	-70.00, 85.56, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00607 AT (	-67.18, 88.39, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00607 AT (	-54.45, 72.83, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00606 AT (	-57.28, 70.00, 0.00,	1.20) DC	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00614 AT (	-125.16, 143.54, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00613 AT (	-126.57, 142.13, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00610 AT (	-127.99, 140.71, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00610 AT (	-132.23, 150.61, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00609 AT (	-123.74, 144.96, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00608 AT (	-119.50, 135.06, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00608 AT (	-133.64, 149.20, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00607 AT (	-130.81, 152.03, 0.00,	1.20) DC	NA

17NCRA NAPA95-300_DPM_TRAV_ANN_SE-NW Bound

	9TH HIGHEST VALUE IS	0.00607 AT (	-118.09,	136.47,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00606 AT (	-120.92,	133.64,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00756 AT (	37.48,	-19.09,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00756 AT (	-20.51,	36.06,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00756 AT (	-26.16,	44.55,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00755 AT (	2.12,	16.26,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00755 AT (	43.13,	-27.58,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00755 AT (	9.19,	9.19,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00755 AT (	-4.95,	23.33,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00755 AT (	-3.54,	24.75,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00754 AT (	23.33,	-4.95,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00754 AT (	16.26,	2.12,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 62 Informational Message(s)
 A Total of 62 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 18:47:38

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at SE/NW Bound Direction
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTS FLAT
CO FLAGPOLE 1.2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA 98.64 -92.28 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA 35.0 -28.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -28.64 35.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -92.28 98.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -155.92 162.28 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 135 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

RE DISCCART	-106.07	247.49	1.2
RE DISCCART	-113.14	240.42	1.2
RE DISCCART	-120.21	233.35	1.2
RE DISCCART	-127.28	226.27	1.2
RE DISCCART	-134.35	219.2	1.2
RE DISCCART	-141.42	212.13	1.2
RE DISCCART	-148.49	205.06	1.2
RE DISCCART	-155.56	197.99	1.2
RE DISCCART	-159.1	194.45	1.2
RE DISCCART	-162.63	190.92	1.2
RE DISCCART	-164.76	188.8	1.2
RE DISCCART	-166.17	187.38	1.2
RE DISCCART	-167.58	185.97	1.2
RE DISCCART	-169.0	184.55	1.2
RE DISCCART	-170.41	183.14	1.2
RE DISCCART	-183.14	170.41	1.2
RE DISCCART	-184.55	169.0	1.2
RE DISCCART	-185.97	167.58	1.2
RE DISCCART	-187.38	166.17	1.2
RE DISCCART	-188.8	164.76	1.2
RE DISCCART	-190.92	162.63	1.2
RE DISCCART	-194.45	159.1	1.2
RE DISCCART	-197.99	155.56	1.2
RE DISCCART	-205.06	148.49	1.2
RE DISCCART	-212.13	141.42	1.2
RE DISCCART	-219.2	134.35	1.2
RE DISCCART	-226.27	127.28	1.2
RE DISCCART	-233.35	120.21	1.2
RE DISCCART	-240.42	113.14	1.2
RE DISCCART	-247.49	106.07	1.2
RE DISCCART	-98.99	240.42	1.2
RE DISCCART	-106.07	233.35	1.2
RE DISCCART	-113.14	226.27	1.2
RE DISCCART	-120.21	219.2	1.2
RE DISCCART	-127.28	212.13	1.2
RE DISCCART	-134.35	205.06	1.2
RE DISCCART	-141.42	197.99	1.2
RE DISCCART	-148.49	190.92	1.2
RE DISCCART	-152.03	187.38	1.2
RE DISCCART	-155.56	183.85	1.2
RE DISCCART	-157.68	181.73	1.2
RE DISCCART	-159.1	180.31	1.2
RE DISCCART	-160.51	178.9	1.2

RE DISCCART	-161.93	177.48	1.2
RE DISCCART	-163.34	176.07	1.2
RE DISCCART	-176.07	163.34	1.2
RE DISCCART	-177.48	161.93	1.2
RE DISCCART	-178.9	160.51	1.2
RE DISCCART	-180.31	159.1	1.2
RE DISCCART	-181.73	157.68	1.2
RE DISCCART	-183.85	155.56	1.2
RE DISCCART	-187.38	152.03	1.2
RE DISCCART	-190.92	148.49	1.2
RE DISCCART	-197.99	141.42	1.2
RE DISCCART	-205.06	134.35	1.2
RE DISCCART	-212.13	127.28	1.2
RE DISCCART	-219.2	120.21	1.2
RE DISCCART	-226.27	113.14	1.2
RE DISCCART	-233.35	106.07	1.2
RE DISCCART	-240.42	98.99	1.2
RE DISCCART	-91.92	233.35	1.2
RE DISCCART	-99.0	226.27	1.2
RE DISCCART	-106.07	219.2	1.2
RE DISCCART	-113.14	212.13	1.2
RE DISCCART	-120.21	205.06	1.2
RE DISCCART	-127.28	197.99	1.2
RE DISCCART	-134.35	190.92	1.2
RE DISCCART	-141.42	183.85	1.2
RE DISCCART	-144.96	180.31	1.2
RE DISCCART	-148.49	176.78	1.2
RE DISCCART	-150.61	174.66	1.2
RE DISCCART	-152.03	173.24	1.2
RE DISCCART	-153.44	171.83	1.2
RE DISCCART	-154.86	170.41	1.2
RE DISCCART	-156.27	169.0	1.2
RE DISCCART	-169.0	156.27	1.2
RE DISCCART	-170.41	154.86	1.2
RE DISCCART	-171.83	153.44	1.2
RE DISCCART	-173.24	152.03	1.2
RE DISCCART	-174.66	150.61	1.2
RE DISCCART	-176.78	148.49	1.2
RE DISCCART	-180.31	144.96	1.2
RE DISCCART	-183.85	141.42	1.2
RE DISCCART	-190.92	134.35	1.2
RE DISCCART	-197.99	127.28	1.2
RE DISCCART	-205.06	120.21	1.2
RE DISCCART	-212.13	113.14	1.2

RE DISCCART	-219.2	106.07	1.2
RE DISCCART	-226.27	98.99	1.2
RE DISCCART	-233.35	91.92	1.2
RE DISCCART	-84.85	226.27	1.2
RE DISCCART	-91.92	219.2	1.2
RE DISCCART	-99.0	212.13	1.2
RE DISCCART	-106.07	205.06	1.2
RE DISCCART	-113.14	197.99	1.2
RE DISCCART	-120.21	190.92	1.2
RE DISCCART	-127.28	183.85	1.2
RE DISCCART	-134.35	176.78	1.2
RE DISCCART	-137.89	173.24	1.2
RE DISCCART	-141.42	169.71	1.2
RE DISCCART	-143.54	167.58	1.2
RE DISCCART	-144.96	166.17	1.2
RE DISCCART	-146.37	164.76	1.2
RE DISCCART	-147.79	163.34	1.2
RE DISCCART	-149.2	161.93	1.2
RE DISCCART	-161.93	149.2	1.2
RE DISCCART	-163.34	147.79	1.2
RE DISCCART	-164.76	146.37	1.2
RE DISCCART	-166.17	144.96	1.2
RE DISCCART	-167.58	143.54	1.2
RE DISCCART	-169.71	141.42	1.2
RE DISCCART	-173.24	137.89	1.2
RE DISCCART	-176.78	134.35	1.2
RE DISCCART	-183.85	127.28	1.2
RE DISCCART	-190.92	120.21	1.2
RE DISCCART	-197.99	113.14	1.2
RE DISCCART	-205.06	106.07	1.2
RE DISCCART	-212.13	98.99	1.2
RE DISCCART	-219.2	91.92	1.2
RE DISCCART	-226.27	84.85	1.2
RE DISCCART	-77.78	219.2	1.2
RE DISCCART	-84.85	212.13	1.2
RE DISCCART	-91.92	205.06	1.2
RE DISCCART	-99.0	197.99	1.2
RE DISCCART	-106.07	190.92	1.2
RE DISCCART	-113.14	183.85	1.2
RE DISCCART	-120.21	176.78	1.2
RE DISCCART	-127.28	169.71	1.2
RE DISCCART	-130.81	166.17	1.2
RE DISCCART	-134.35	162.63	1.2
RE DISCCART	-136.47	160.51	1.2

RE DISCCART	-137.89	159.1	1.2
RE DISCCART	-139.3	157.68	1.2
RE DISCCART	-140.71	156.27	1.2
RE DISCCART	-142.13	154.86	1.2
RE DISCCART	-154.86	142.13	1.2
RE DISCCART	-156.27	140.71	1.2
RE DISCCART	-157.68	139.3	1.2
RE DISCCART	-159.1	137.89	1.2
RE DISCCART	-160.51	136.47	1.2
RE DISCCART	-162.63	134.35	1.2
RE DISCCART	-166.17	130.81	1.2
RE DISCCART	-169.71	127.28	1.2
RE DISCCART	-176.78	120.21	1.2
RE DISCCART	-183.85	113.14	1.2
RE DISCCART	-190.92	106.07	1.2
RE DISCCART	-197.99	98.99	1.2
RE DISCCART	-205.06	91.92	1.2
RE DISCCART	-212.13	84.85	1.2
RE DISCCART	-219.2	77.78	1.2
RE DISCCART	-70.71	212.13	1.2
RE DISCCART	-77.78	205.06	1.2
RE DISCCART	-84.85	197.99	1.2
RE DISCCART	-91.92	190.92	1.2
RE DISCCART	-98.99	183.85	1.2
RE DISCCART	-106.07	176.78	1.2
RE DISCCART	-113.14	169.71	1.2
RE DISCCART	-120.21	162.63	1.2
RE DISCCART	-123.74	159.1	1.2
RE DISCCART	-127.28	155.56	1.2
RE DISCCART	-129.4	153.44	1.2
RE DISCCART	-130.81	152.03	1.2
RE DISCCART	-132.23	150.61	1.2
RE DISCCART	-133.64	149.2	1.2
RE DISCCART	-135.06	147.79	1.2
RE DISCCART	-147.79	135.06	1.2
RE DISCCART	-149.2	133.64	1.2
RE DISCCART	-150.61	132.23	1.2
RE DISCCART	-152.03	130.81	1.2
RE DISCCART	-153.44	129.4	1.2
RE DISCCART	-155.56	127.28	1.2
RE DISCCART	-159.1	123.74	1.2
RE DISCCART	-162.63	120.21	1.2
RE DISCCART	-169.71	113.14	1.2
RE DISCCART	-176.78	106.07	1.2

RE DISCCART	-183.85	98.99	1.2
RE DISCCART	-190.92	91.92	1.2
RE DISCCART	-197.99	84.85	1.2
RE DISCCART	-205.06	77.78	1.2
RE DISCCART	-212.13	70.71	1.2
RE DISCCART	-63.64	205.06	1.2
RE DISCCART	-70.71	197.99	1.2
RE DISCCART	-77.78	190.92	1.2
RE DISCCART	-84.85	183.85	1.2
RE DISCCART	-91.92	176.78	1.2
RE DISCCART	-98.99	169.71	1.2
RE DISCCART	-106.07	162.63	1.2
RE DISCCART	-113.14	155.56	1.2
RE DISCCART	-116.67	152.03	1.2
RE DISCCART	-120.21	148.49	1.2
RE DISCCART	-122.33	146.37	1.2
RE DISCCART	-123.74	144.96	1.2
RE DISCCART	-125.16	143.54	1.2
RE DISCCART	-126.57	142.13	1.2
RE DISCCART	-127.99	140.71	1.2
RE DISCCART	-140.71	127.99	1.2
RE DISCCART	-142.13	126.57	1.2
RE DISCCART	-143.54	125.16	1.2
RE DISCCART	-144.96	123.74	1.2
RE DISCCART	-146.37	122.33	1.2
RE DISCCART	-148.49	120.21	1.2
RE DISCCART	-152.03	116.67	1.2
RE DISCCART	-155.56	113.14	1.2
RE DISCCART	-162.63	106.07	1.2
RE DISCCART	-169.71	98.99	1.2
RE DISCCART	-176.78	91.92	1.2
RE DISCCART	-183.85	84.85	1.2
RE DISCCART	-190.92	77.78	1.2
RE DISCCART	-197.99	70.71	1.2
RE DISCCART	-205.06	63.64	1.2
RE DISCCART	-56.57	197.99	1.2
RE DISCCART	-63.64	190.92	1.2
RE DISCCART	-70.71	183.85	1.2
RE DISCCART	-77.78	176.78	1.2
RE DISCCART	-84.85	169.71	1.2
RE DISCCART	-91.92	162.63	1.2
RE DISCCART	-98.99	155.56	1.2
RE DISCCART	-106.07	148.49	1.2
RE DISCCART	-109.6	144.96	1.2

RE DISCCART	-113.14	141.42	1.2
RE DISCCART	-115.26	139.3	1.2
RE DISCCART	-116.67	137.89	1.2
RE DISCCART	-118.09	136.47	1.2
RE DISCCART	-119.5	135.06	1.2
RE DISCCART	-120.92	133.64	1.2
RE DISCCART	-133.64	120.92	1.2
RE DISCCART	-135.06	119.5	1.2
RE DISCCART	-136.47	118.09	1.2
RE DISCCART	-137.89	116.67	1.2
RE DISCCART	-139.3	115.26	1.2
RE DISCCART	-141.42	113.14	1.2
RE DISCCART	-144.96	109.6	1.2
RE DISCCART	-148.49	106.07	1.2
RE DISCCART	-155.56	98.99	1.2
RE DISCCART	-162.63	91.92	1.2
RE DISCCART	-169.71	84.85	1.2
RE DISCCART	-176.78	77.78	1.2
RE DISCCART	-183.85	70.71	1.2
RE DISCCART	-190.92	63.64	1.2
RE DISCCART	-197.99	56.57	1.2
RE DISCCART	-49.5	190.92	1.2
RE DISCCART	-56.57	183.85	1.2
RE DISCCART	-63.64	176.78	1.2
RE DISCCART	-70.71	169.71	1.2
RE DISCCART	-77.78	162.63	1.2
RE DISCCART	-84.85	155.56	1.2
RE DISCCART	-91.92	148.49	1.2
RE DISCCART	-98.99	141.42	1.2
RE DISCCART	-102.53	137.89	1.2
RE DISCCART	-106.07	134.35	1.2
RE DISCCART	-108.19	132.23	1.2
RE DISCCART	-109.6	130.81	1.2
RE DISCCART	-111.02	129.4	1.2
RE DISCCART	-112.43	127.99	1.2
RE DISCCART	-113.84	126.57	1.2
RE DISCCART	-126.57	113.84	1.2
RE DISCCART	-127.99	112.43	1.2
RE DISCCART	-129.4	111.02	1.2
RE DISCCART	-130.81	109.6	1.2
RE DISCCART	-132.23	108.19	1.2
RE DISCCART	-134.35	106.07	1.2
RE DISCCART	-137.89	102.53	1.2
RE DISCCART	-141.42	98.99	1.2

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RE DISCCART	-155.56	84.85	1.2
RE DISCCART	-162.63	77.78	1.2
RE DISCCART	-169.71	70.71	1.2
RE DISCCART	-176.78	63.64	1.2
RE DISCCART	-183.85	56.57	1.2
RE DISCCART	-190.92	49.5	1.2
RE DISCCART	-42.43	183.85	1.2
RE DISCCART	-49.5	176.78	1.2
RE DISCCART	-56.57	169.71	1.2
RE DISCCART	-63.64	162.63	1.2
RE DISCCART	-70.71	155.56	1.2
RE DISCCART	-77.78	148.49	1.2
RE DISCCART	-84.85	141.42	1.2
RE DISCCART	-91.92	134.35	1.2
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RE DISCCART	-102.53	123.74	1.2
RE DISCCART	-103.94	122.33	1.2
RE DISCCART	-105.36	120.92	1.2
RE DISCCART	-106.77	119.5	1.2
RE DISCCART	-119.5	106.77	1.2
RE DISCCART	-120.92	105.36	1.2
RE DISCCART	-122.33	103.94	1.2
RE DISCCART	-123.74	102.53	1.2
RE DISCCART	-125.16	101.12	1.2
RE DISCCART	-127.28	98.99	1.2
RE DISCCART	-130.81	95.46	1.2
RE DISCCART	-134.35	91.92	1.2
RE DISCCART	-141.42	84.85	1.2
RE DISCCART	-148.49	77.78	1.2
RE DISCCART	-155.56	70.71	1.2
RE DISCCART	-162.63	63.64	1.2
RE DISCCART	-169.71	56.57	1.2
RE DISCCART	-176.78	49.5	1.2
RE DISCCART	-183.85	42.43	1.2
RE DISCCART	-35.36	176.78	1.2
RE DISCCART	-42.43	169.71	1.2
RE DISCCART	-49.5	162.63	1.2
RE DISCCART	-56.57	155.56	1.2
RE DISCCART	-63.64	148.49	1.2
RE DISCCART	-70.71	141.42	1.2
RE DISCCART	-77.78	134.35	1.2

RE DISCCART	-84.85	127.28	1.2
RE DISCCART	-88.39	123.74	1.2
RE DISCCART	-91.92	120.21	1.2
RE DISCCART	-94.05	118.09	1.2
RE DISCCART	-95.46	116.67	1.2
RE DISCCART	-96.87	115.26	1.2
RE DISCCART	-98.29	113.84	1.2
RE DISCCART	-99.7	112.43	1.2
RE DISCCART	-112.43	99.7	1.2
RE DISCCART	-113.84	98.29	1.2
RE DISCCART	-115.26	96.87	1.2
RE DISCCART	-116.67	95.46	1.2
RE DISCCART	-118.09	94.05	1.2
RE DISCCART	-120.21	91.92	1.2
RE DISCCART	-123.74	88.39	1.2
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RE DISCCART	-134.35	77.78	1.2
RE DISCCART	-141.42	70.71	1.2
RE DISCCART	-148.49	63.64	1.2
RE DISCCART	-155.56	56.57	1.2
RE DISCCART	-162.63	49.5	1.2
RE DISCCART	-169.71	42.43	1.2
RE DISCCART	-176.78	35.36	1.2
RE DISCCART	-28.28	169.71	1.2
RE DISCCART	-35.36	162.63	1.2
RE DISCCART	-42.43	155.56	1.2
RE DISCCART	-49.5	148.49	1.2
RE DISCCART	-56.57	141.42	1.2
RE DISCCART	-63.64	134.35	1.2
RE DISCCART	-70.71	127.28	1.2
RE DISCCART	-77.78	120.21	1.2
RE DISCCART	-81.32	116.67	1.2
RE DISCCART	-84.85	113.14	1.2
RE DISCCART	-86.97	111.02	1.2
RE DISCCART	-88.39	109.6	1.2
RE DISCCART	-89.8	108.19	1.2
RE DISCCART	-91.22	106.77	1.2
RE DISCCART	-92.63	105.36	1.2
RE DISCCART	-105.36	92.63	1.2
RE DISCCART	-106.77	91.22	1.2
RE DISCCART	-108.19	89.8	1.2
RE DISCCART	-109.6	88.39	1.2
RE DISCCART	-111.02	86.97	1.2
RE DISCCART	-113.14	84.85	1.2

RE DISCCART	-116.67	81.32	1.2
RE DISCCART	-120.21	77.78	1.2
RE DISCCART	-127.28	70.71	1.2
RE DISCCART	-134.35	63.64	1.2
RE DISCCART	-141.42	56.57	1.2
RE DISCCART	-148.49	49.5	1.2
RE DISCCART	-155.56	42.43	1.2
RE DISCCART	-162.63	35.36	1.2
RE DISCCART	-169.71	28.28	1.2
RE DISCCART	-21.21	162.63	1.2
RE DISCCART	-28.28	155.56	1.2
RE DISCCART	-35.36	148.49	1.2
RE DISCCART	-42.43	141.42	1.2
RE DISCCART	-49.5	134.35	1.2
RE DISCCART	-56.57	127.28	1.2
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RE DISCCART	-82.73	101.12	1.2
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RE DISCCART	-120.21	63.64	1.2
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RE DISCCART	-134.35	49.5	1.2
RE DISCCART	-141.42	42.43	1.2
RE DISCCART	-148.49	35.36	1.2
RE DISCCART	-155.56	28.28	1.2
RE DISCCART	-162.63	21.21	1.2
RE DISCCART	-14.14	155.56	1.2
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RE DISCCART	-28.28	141.42	1.2
RE DISCCART	-35.36	134.35	1.2
RE DISCCART	-42.43	127.28	1.2

RE DISCCART	-49.5	120.21	1.2
RE DISCCART	-56.57	113.14	1.2
RE DISCCART	-63.64	106.07	1.2
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RE DISCCART	-77.07	92.63	1.2
RE DISCCART	-78.49	91.22	1.2
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RE DISCCART	-120.21	49.5	1.2
RE DISCCART	-127.28	42.43	1.2
RE DISCCART	-134.35	35.36	1.2
RE DISCCART	-141.42	28.28	1.2
RE DISCCART	-148.49	21.21	1.2
RE DISCCART	-155.56	14.14	1.2
RE DISCCART	-7.07	148.49	1.2
RE DISCCART	-14.14	141.42	1.2
RE DISCCART	-21.21	134.35	1.2
RE DISCCART	-28.28	127.28	1.2
RE DISCCART	-35.36	120.21	1.2
RE DISCCART	-42.43	113.14	1.2
RE DISCCART	-49.5	106.07	1.2
RE DISCCART	-56.57	98.99	1.2
RE DISCCART	-60.1	95.46	1.2
RE DISCCART	-63.64	91.92	1.2
RE DISCCART	-65.76	89.8	1.2
RE DISCCART	-67.18	88.39	1.2
RE DISCCART	-68.59	86.97	1.2
RE DISCCART	-70.0	85.56	1.2
RE DISCCART	-71.42	84.15	1.2
RE DISCCART	-84.15	71.42	1.2
RE DISCCART	-85.56	70.0	1.2
RE DISCCART	-86.97	68.59	1.2
RE DISCCART	-88.39	67.18	1.2

RE DISCCART -89.8 65.76 1.2
RE DISCCART -91.92 63.64 1.2
RE DISCCART -95.46 60.1 1.2
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RE DISCCART -113.14 42.43 1.2
RE DISCCART -120.21 35.36 1.2
RE DISCCART -127.28 28.28 1.2
RE DISCCART -134.35 21.21 1.2
RE DISCCART -141.42 14.14 1.2
RE DISCCART -148.49 7.07 1.2
RE DISCCART 0.0 141.42 1.2
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RE DISCCART -120.21 21.21 1.2
RE DISCCART -127.28 14.14 1.2
RE DISCCART -134.35 7.07 1.2
RE DISCCART -141.42 0.0 1.2
RE DISCCART 7.07 134.35 1.2
RE DISCCART 0.0 127.28 1.2
RE DISCCART -7.07 120.21 1.2

RE DISCCART	-14.14	113.14	1.2
RE DISCCART	-21.21	106.07	1.2
RE DISCCART	-28.28	98.99	1.2
RE DISCCART	-35.36	91.92	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-45.96	81.32	1.2
RE DISCCART	-49.5	77.78	1.2
RE DISCCART	-51.62	75.66	1.2
RE DISCCART	-53.03	74.25	1.2
RE DISCCART	-54.45	72.83	1.2
RE DISCCART	-55.86	71.42	1.2
RE DISCCART	-57.28	70.0	1.2
RE DISCCART	-70.0	57.28	1.2
RE DISCCART	-71.42	55.86	1.2
RE DISCCART	-72.83	54.45	1.2
RE DISCCART	-74.25	53.03	1.2
RE DISCCART	-75.66	51.62	1.2
RE DISCCART	-77.78	49.5	1.2
RE DISCCART	-81.32	45.96	1.2
RE DISCCART	-84.85	42.43	1.2
RE DISCCART	-91.92	35.36	1.2
RE DISCCART	-98.99	28.28	1.2
RE DISCCART	-106.07	21.21	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-127.28	0.0	1.2
RE DISCCART	-134.35	-7.07	1.2
RE DISCCART	14.14	127.28	1.2
RE DISCCART	7.07	120.21	1.2
RE DISCCART	0.0	113.14	1.2
RE DISCCART	-7.07	106.07	1.2
RE DISCCART	-14.14	98.99	1.2
RE DISCCART	-21.21	91.92	1.2
RE DISCCART	-28.28	84.85	1.2
RE DISCCART	-35.36	77.78	1.2
RE DISCCART	-38.89	74.25	1.2
RE DISCCART	-42.43	70.71	1.2
RE DISCCART	-44.55	68.59	1.2
RE DISCCART	-45.96	67.18	1.2
RE DISCCART	-47.38	65.76	1.2
RE DISCCART	-48.79	64.35	1.2
RE DISCCART	-50.2	62.93	1.2
RE DISCCART	-62.93	50.2	1.2
RE DISCCART	-64.35	48.79	1.2

RE DISCCART	-65.76	47.38	1.2
RE DISCCART	-67.18	45.96	1.2
RE DISCCART	-68.59	44.55	1.2
RE DISCCART	-70.71	42.43	1.2
RE DISCCART	-74.25	38.89	1.2
RE DISCCART	-77.78	35.36	1.2
RE DISCCART	-84.85	28.28	1.2
RE DISCCART	-91.92	21.21	1.2
RE DISCCART	-98.99	14.14	1.2
RE DISCCART	-106.07	7.07	1.2
RE DISCCART	-113.14	0.0	1.2
RE DISCCART	-120.21	-7.07	1.2
RE DISCCART	-127.28	-14.14	1.2
RE DISCCART	21.21	120.21	1.2
RE DISCCART	14.14	113.14	1.2
RE DISCCART	7.07	106.07	1.2
RE DISCCART	0.0	98.99	1.2
RE DISCCART	-7.07	91.92	1.2
RE DISCCART	-14.14	84.85	1.2
RE DISCCART	-21.21	77.78	1.2
RE DISCCART	-28.28	70.71	1.2
RE DISCCART	-31.82	67.18	1.2
RE DISCCART	-35.36	63.64	1.2
RE DISCCART	-37.48	61.52	1.2
RE DISCCART	-38.89	60.1	1.2
RE DISCCART	-40.31	58.69	1.2
RE DISCCART	-41.72	57.28	1.2
RE DISCCART	-43.13	55.86	1.2
RE DISCCART	-55.86	43.13	1.2
RE DISCCART	-57.28	41.72	1.2
RE DISCCART	-58.69	40.31	1.2
RE DISCCART	-60.1	38.89	1.2
RE DISCCART	-61.52	37.48	1.2
RE DISCCART	-63.64	35.36	1.2
RE DISCCART	-67.18	31.82	1.2
RE DISCCART	-70.71	28.28	1.2
RE DISCCART	-77.78	21.21	1.2
RE DISCCART	-84.85	14.14	1.2
RE DISCCART	-91.92	7.07	1.2
RE DISCCART	-98.99	0.0	1.2
RE DISCCART	-106.07	-7.07	1.2
RE DISCCART	-113.14	-14.14	1.2
RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	28.28	113.14	1.2

RE DISCCART	21.21	106.07	1.2
RE DISCCART	14.14	98.99	1.2
RE DISCCART	7.07	91.92	1.2
RE DISCCART	0.0	84.85	1.2
RE DISCCART	-7.07	77.78	1.2
RE DISCCART	-14.14	70.71	1.2
RE DISCCART	-21.21	63.64	1.2
RE DISCCART	-24.75	60.1	1.2
RE DISCCART	-28.28	56.57	1.2
RE DISCCART	-30.41	54.45	1.2
RE DISCCART	-31.82	53.03	1.2
RE DISCCART	-33.23	51.62	1.2
RE DISCCART	-34.65	50.2	1.2
RE DISCCART	-36.06	48.79	1.2
RE DISCCART	-48.79	36.06	1.2
RE DISCCART	-50.2	34.65	1.2
RE DISCCART	-51.62	33.23	1.2
RE DISCCART	-53.03	31.82	1.2
RE DISCCART	-54.45	30.41	1.2
RE DISCCART	-56.57	28.28	1.2
RE DISCCART	-60.1	24.75	1.2
RE DISCCART	-63.64	21.21	1.2
RE DISCCART	-70.71	14.14	1.2
RE DISCCART	-77.78	7.07	1.2
RE DISCCART	-84.85	0.0	1.2
RE DISCCART	-91.92	-7.07	1.2
RE DISCCART	-98.99	-14.14	1.2
RE DISCCART	-106.07	-21.21	1.2
RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	35.36	106.07	1.2
RE DISCCART	28.28	98.99	1.2
RE DISCCART	21.21	91.92	1.2
RE DISCCART	14.14	84.85	1.2
RE DISCCART	7.07	77.78	1.2
RE DISCCART	0.0	70.71	1.2
RE DISCCART	-7.07	63.64	1.2
RE DISCCART	-14.14	56.57	1.2
RE DISCCART	-17.68	53.03	1.2
RE DISCCART	-21.21	49.5	1.2
RE DISCCART	-23.33	47.38	1.2
RE DISCCART	-24.75	45.96	1.2
RE DISCCART	-26.16	44.55	1.2
RE DISCCART	-27.58	43.13	1.2
RE DISCCART	-28.99	41.72	1.2

RE DISCCART	-41.72	28.99	1.2
RE DISCCART	-43.13	27.58	1.2
RE DISCCART	-44.55	26.16	1.2
RE DISCCART	-45.96	24.75	1.2
RE DISCCART	-47.38	23.33	1.2
RE DISCCART	-49.5	21.21	1.2
RE DISCCART	-53.03	17.68	1.2
RE DISCCART	-56.57	14.14	1.2
RE DISCCART	-63.64	7.07	1.2
RE DISCCART	-70.71	0.0	1.2
RE DISCCART	-77.78	-7.07	1.2
RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-106.07	-35.36	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	35.36	91.92	1.2
RE DISCCART	28.28	84.85	1.2
RE DISCCART	21.21	77.78	1.2
RE DISCCART	14.14	70.71	1.2
RE DISCCART	7.07	63.64	1.2
RE DISCCART	0.0	56.57	1.2
RE DISCCART	-7.07	49.5	1.2
RE DISCCART	-10.61	45.96	1.2
RE DISCCART	-14.14	42.43	1.2
RE DISCCART	-16.26	40.31	1.2
RE DISCCART	-17.68	38.89	1.2
RE DISCCART	-19.09	37.48	1.2
RE DISCCART	-20.51	36.06	1.2
RE DISCCART	-21.92	34.65	1.2
RE DISCCART	-34.65	21.92	1.2
RE DISCCART	-36.06	20.51	1.2
RE DISCCART	-37.48	19.09	1.2
RE DISCCART	-38.89	17.68	1.2
RE DISCCART	-40.31	16.26	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-45.96	10.61	1.2
RE DISCCART	-49.5	7.07	1.2
RE DISCCART	-56.57	0.0	1.2
RE DISCCART	-63.64	-7.07	1.2
RE DISCCART	-70.71	-14.14	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-91.92	-35.36	1.2

RE DISCCART -98.99 -42.43 1.2
RE DISCCART 49.5 91.92 1.2
RE DISCCART 42.43 84.85 1.2
RE DISCCART 35.36 77.78 1.2
RE DISCCART 28.28 70.71 1.2
RE DISCCART 21.21 63.64 1.2
RE DISCCART 14.14 56.57 1.2
RE DISCCART 7.07 49.5 1.2
RE DISCCART 0.0 42.43 1.2
RE DISCCART -3.54 38.89 1.2
RE DISCCART -7.07 35.36 1.2
RE DISCCART -9.19 33.23 1.2
RE DISCCART -10.61 31.82 1.2
RE DISCCART -12.02 30.41 1.2
RE DISCCART -13.44 28.99 1.2
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RE DISCCART -27.58 14.85 1.2
RE DISCCART -28.99 13.44 1.2
RE DISCCART -30.41 12.02 1.2
RE DISCCART -31.82 10.61 1.2
RE DISCCART -33.23 9.19 1.2
RE DISCCART -35.36 7.07 1.2
RE DISCCART -38.89 3.54 1.2
RE DISCCART -42.43 0.0 1.2
RE DISCCART -49.5 -7.07 1.2
RE DISCCART -56.57 -14.14 1.2
RE DISCCART -63.64 -21.21 1.2
RE DISCCART -70.71 -28.28 1.2
RE DISCCART -77.78 -35.36 1.2
RE DISCCART -84.85 -42.43 1.2
RE DISCCART -91.92 -49.5 1.2
RE DISCCART 56.57 84.85 1.2
RE DISCCART 49.5 77.78 1.2
RE DISCCART 42.43 70.71 1.2
RE DISCCART 35.36 63.64 1.2
RE DISCCART 28.28 56.57 1.2
RE DISCCART 21.21 49.5 1.2
RE DISCCART 14.14 42.43 1.2
RE DISCCART 7.07 35.36 1.2
RE DISCCART 3.54 31.82 1.2
RE DISCCART 0.0 28.28 1.2
RE DISCCART -2.12 26.16 1.2
RE DISCCART -3.54 24.75 1.2
RE DISCCART -4.95 23.33 1.2

RE DISCCART	-6.36	21.92	1.2
RE DISCCART	-7.78	20.51	1.2
RE DISCCART	-20.51	7.78	1.2
RE DISCCART	-21.92	6.36	1.2
RE DISCCART	-23.33	4.95	1.2
RE DISCCART	-24.75	3.54	1.2
RE DISCCART	-26.16	2.12	1.2
RE DISCCART	-28.28	0.0	1.2
RE DISCCART	-31.82	-3.54	1.2
RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-42.43	-14.14	1.2
RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-56.57	-28.28	1.2
RE DISCCART	-63.64	-35.36	1.2
RE DISCCART	-70.71	-42.43	1.2
RE DISCCART	-77.78	-49.5	1.2
RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	63.64	77.78	1.2
RE DISCCART	56.57	70.71	1.2
RE DISCCART	49.5	63.64	1.2
RE DISCCART	42.43	56.57	1.2
RE DISCCART	35.36	49.5	1.2
RE DISCCART	28.28	42.43	1.2
RE DISCCART	21.21	35.36	1.2
RE DISCCART	14.14	28.28	1.2
RE DISCCART	10.61	24.75	1.2
RE DISCCART	7.07	21.21	1.2
RE DISCCART	4.95	19.09	1.2
RE DISCCART	3.54	17.68	1.2
RE DISCCART	2.12	16.26	1.2
RE DISCCART	0.71	14.85	1.2
RE DISCCART	-0.71	13.44	1.2
RE DISCCART	-13.44	0.71	1.2
RE DISCCART	-14.85	-0.71	1.2
RE DISCCART	-16.26	-2.12	1.2
RE DISCCART	-17.68	-3.54	1.2
RE DISCCART	-19.09	-4.95	1.2
RE DISCCART	-21.21	-7.07	1.2
RE DISCCART	-24.75	-10.61	1.2
RE DISCCART	-28.28	-14.14	1.2
RE DISCCART	-35.36	-21.21	1.2
RE DISCCART	-42.43	-28.28	1.2
RE DISCCART	-49.5	-35.36	1.2
RE DISCCART	-56.57	-42.43	1.2

RE DISCCART	-63.64	-49.5	1.2
RE DISCCART	-70.71	-56.57	1.2
RE DISCCART	-77.78	-63.64	1.2
RE DISCCART	70.71	70.71	1.2
RE DISCCART	63.64	63.64	1.2
RE DISCCART	56.57	56.57	1.2
RE DISCCART	49.5	49.5	1.2
RE DISCCART	42.43	42.43	1.2
RE DISCCART	35.36	35.36	1.2
RE DISCCART	28.28	28.28	1.2
RE DISCCART	21.21	21.21	1.2
RE DISCCART	17.68	17.68	1.2
RE DISCCART	14.14	14.14	1.2
RE DISCCART	12.02	12.02	1.2
RE DISCCART	10.61	10.61	1.2
RE DISCCART	9.19	9.19	1.2
RE DISCCART	7.78	7.78	1.2
RE DISCCART	6.36	6.36	1.2
RE DISCCART	-6.36	-6.36	1.2
RE DISCCART	-7.78	-7.78	1.2
RE DISCCART	-9.19	-9.19	1.2
RE DISCCART	-10.61	-10.61	1.2
RE DISCCART	-12.02	-12.02	1.2
RE DISCCART	-14.14	-14.14	1.2
RE DISCCART	-17.68	-17.68	1.2
RE DISCCART	-21.21	-21.21	1.2
RE DISCCART	-28.28	-28.28	1.2
RE DISCCART	-35.36	-35.36	1.2
RE DISCCART	-42.43	-42.43	1.2
RE DISCCART	-49.5	-49.5	1.2
RE DISCCART	-56.57	-56.57	1.2
RE DISCCART	-63.64	-63.64	1.2
RE DISCCART	-70.71	-70.71	1.2
RE DISCCART	77.78	63.64	1.2
RE DISCCART	70.71	56.57	1.2
RE DISCCART	63.64	49.5	1.2
RE DISCCART	56.57	42.43	1.2
RE DISCCART	49.5	35.36	1.2
RE DISCCART	42.43	28.28	1.2
RE DISCCART	35.36	21.21	1.2
RE DISCCART	28.28	14.14	1.2
RE DISCCART	24.75	10.61	1.2
RE DISCCART	21.21	7.07	1.2
RE DISCCART	19.09	4.95	1.2

RE DISCCART	17.68	3.54	1.2
RE DISCCART	16.26	2.12	1.2
RE DISCCART	14.85	0.71	1.2
RE DISCCART	13.44	-0.71	1.2
RE DISCCART	0.71	-13.44	1.2
RE DISCCART	-0.71	-14.85	1.2
RE DISCCART	-2.12	-16.26	1.2
RE DISCCART	-3.54	-17.68	1.2
RE DISCCART	-4.95	-19.09	1.2
RE DISCCART	-7.07	-21.21	1.2
RE DISCCART	-10.61	-24.75	1.2
RE DISCCART	-14.14	-28.28	1.2
RE DISCCART	-21.21	-35.36	1.2
RE DISCCART	-28.28	-42.43	1.2
RE DISCCART	-35.36	-49.5	1.2
RE DISCCART	-42.43	-56.57	1.2
RE DISCCART	-49.5	-63.64	1.2
RE DISCCART	-56.57	-70.71	1.2
RE DISCCART	-63.64	-77.78	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	77.78	49.5	1.2
RE DISCCART	70.71	42.43	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	56.57	28.28	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	42.43	14.14	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	31.82	3.54	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	26.16	-2.12	1.2
RE DISCCART	24.75	-3.54	1.2
RE DISCCART	23.33	-4.95	1.2
RE DISCCART	21.92	-6.36	1.2
RE DISCCART	20.51	-7.78	1.2
RE DISCCART	7.78	-20.51	1.2
RE DISCCART	6.36	-21.92	1.2
RE DISCCART	4.95	-23.33	1.2
RE DISCCART	3.54	-24.75	1.2
RE DISCCART	2.12	-26.16	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	-3.54	-31.82	1.2
RE DISCCART	-7.07	-35.36	1.2
RE DISCCART	-14.14	-42.43	1.2
RE DISCCART	-21.21	-49.5	1.2

RE DISCCART	-28.28	-56.57	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-42.43	-70.71	1.2
RE DISCCART	-49.5	-77.78	1.2
RE DISCCART	-56.57	-84.85	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	84.85	42.43	1.2
RE DISCCART	77.78	35.36	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	63.64	21.21	1.2
RE DISCCART	56.57	14.14	1.2
RE DISCCART	49.5	7.07	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	38.89	-3.54	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	33.23	-9.19	1.2
RE DISCCART	31.82	-10.61	1.2
RE DISCCART	30.41	-12.02	1.2
RE DISCCART	28.99	-13.44	1.2
RE DISCCART	27.58	-14.85	1.2
RE DISCCART	14.85	-27.58	1.2
RE DISCCART	13.44	-28.99	1.2
RE DISCCART	12.02	-30.41	1.2
RE DISCCART	10.61	-31.82	1.2
RE DISCCART	9.19	-33.23	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	3.54	-38.89	1.2
RE DISCCART	0.0	-42.43	1.2
RE DISCCART	-7.07	-49.5	1.2
RE DISCCART	-14.14	-56.57	1.2
RE DISCCART	-21.21	-63.64	1.2
RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-42.43	-84.85	1.2
RE DISCCART	-49.5	-91.92	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	91.92	35.36	1.2
RE DISCCART	84.85	28.28	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	70.71	14.14	1.2
RE DISCCART	63.64	7.07	1.2
RE DISCCART	56.57	0.0	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	45.96	-10.61	1.2

RE DISCCART	42.43	-14.14	1.2
RE DISCCART	40.31	-16.26	1.2
RE DISCCART	38.89	-17.68	1.2
RE DISCCART	37.48	-19.09	1.2
RE DISCCART	36.06	-20.51	1.2
RE DISCCART	34.65	-21.92	1.2
RE DISCCART	21.92	-34.65	1.2
RE DISCCART	20.51	-36.06	1.2
RE DISCCART	19.09	-37.48	1.2
RE DISCCART	17.68	-38.89	1.2
RE DISCCART	16.26	-40.31	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	10.61	-45.96	1.2
RE DISCCART	7.07	-49.5	1.2
RE DISCCART	0.0	-56.57	1.2
RE DISCCART	-7.07	-63.64	1.2
RE DISCCART	-14.14	-70.71	1.2
RE DISCCART	-21.21	-77.78	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-42.43	-98.99	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	98.99	28.28	1.2
RE DISCCART	91.92	21.21	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	77.78	7.07	1.2
RE DISCCART	70.71	0.0	1.2
RE DISCCART	63.64	-7.07	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	53.03	-17.68	1.2
RE DISCCART	49.5	-21.21	1.2
RE DISCCART	47.38	-23.33	1.2
RE DISCCART	45.96	-24.75	1.2
RE DISCCART	44.55	-26.16	1.2
RE DISCCART	43.13	-27.58	1.2
RE DISCCART	41.72	-28.99	1.2
RE DISCCART	28.99	-41.72	1.2
RE DISCCART	27.58	-43.13	1.2
RE DISCCART	26.16	-44.55	1.2
RE DISCCART	24.75	-45.96	1.2
RE DISCCART	23.33	-47.38	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	17.68	-53.03	1.2
RE DISCCART	14.14	-56.57	1.2

RE DISCCART 7.07 -63.64 1.2
RE DISCCART 0.0 -70.71 1.2
RE DISCCART -7.07 -77.78 1.2
RE DISCCART -14.14 -84.85 1.2
RE DISCCART -21.21 -91.92 1.2
RE DISCCART -28.28 -98.99 1.2
RE DISCCART -35.36 -106.07 1.2
RE DISCCART 113.14 28.28 1.2
RE DISCCART 106.07 21.21 1.2
RE DISCCART 98.99 14.14 1.2
RE DISCCART 91.92 7.07 1.2
RE DISCCART 84.85 0.0 1.2
RE DISCCART 77.78 -7.07 1.2
RE DISCCART 70.71 -14.14 1.2
RE DISCCART 63.64 -21.21 1.2
RE DISCCART 60.1 -24.75 1.2
RE DISCCART 56.57 -28.28 1.2
RE DISCCART 54.45 -30.41 1.2
RE DISCCART 53.03 -31.82 1.2
RE DISCCART 51.62 -33.23 1.2
RE DISCCART 50.2 -34.65 1.2
RE DISCCART 48.79 -36.06 1.2
RE DISCCART 36.06 -48.79 1.2
RE DISCCART 34.65 -50.2 1.2
RE DISCCART 33.23 -51.62 1.2
RE DISCCART 31.82 -53.03 1.2
RE DISCCART 30.41 -54.45 1.2
RE DISCCART 28.28 -56.57 1.2
RE DISCCART 24.75 -60.1 1.2
RE DISCCART 21.21 -63.64 1.2
RE DISCCART 14.14 -70.71 1.2
RE DISCCART 7.07 -77.78 1.2
RE DISCCART 0.0 -84.85 1.2
RE DISCCART -7.07 -91.92 1.2
RE DISCCART -14.14 -98.99 1.2
RE DISCCART -21.21 -106.07 1.2
RE DISCCART -28.28 -113.14 1.2
RE DISCCART 120.21 21.21 1.2
RE DISCCART 113.14 14.14 1.2
RE DISCCART 106.07 7.07 1.2
RE DISCCART 98.99 0.0 1.2
RE DISCCART 91.92 -7.07 1.2
RE DISCCART 84.85 -14.14 1.2
RE DISCCART 77.78 -21.21 1.2

RE DISCCART	70.71	-28.28	1.2
RE DISCCART	67.18	-31.82	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	61.52	-37.48	1.2
RE DISCCART	60.1	-38.89	1.2
RE DISCCART	58.69	-40.31	1.2
RE DISCCART	57.28	-41.72	1.2
RE DISCCART	55.86	-43.13	1.2
RE DISCCART	43.13	-55.86	1.2
RE DISCCART	41.72	-57.28	1.2
RE DISCCART	40.31	-58.69	1.2
RE DISCCART	38.89	-60.1	1.2
RE DISCCART	37.48	-61.52	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	31.82	-67.18	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	21.21	-77.78	1.2
RE DISCCART	14.14	-84.85	1.2
RE DISCCART	7.07	-91.92	1.2
RE DISCCART	0.0	-98.99	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	120.21	7.07	1.2
RE DISCCART	113.14	0.0	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	98.99	-14.14	1.2
RE DISCCART	91.92	-21.21	1.2
RE DISCCART	84.85	-28.28	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	74.25	-38.89	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	68.59	-44.55	1.2
RE DISCCART	67.18	-45.96	1.2
RE DISCCART	65.76	-47.38	1.2
RE DISCCART	64.35	-48.79	1.2
RE DISCCART	62.93	-50.2	1.2
RE DISCCART	50.2	-62.93	1.2
RE DISCCART	48.79	-64.35	1.2
RE DISCCART	47.38	-65.76	1.2
RE DISCCART	45.96	-67.18	1.2
RE DISCCART	44.55	-68.59	1.2
RE DISCCART	42.43	-70.71	1.2

RE DISCCART	38.89	-74.25	1.2
RE DISCCART	35.36	-77.78	1.2
RE DISCCART	28.28	-84.85	1.2
RE DISCCART	21.21	-91.92	1.2
RE DISCCART	14.14	-98.99	1.2
RE DISCCART	7.07	-106.07	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	-14.14	-127.28	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	120.21	-7.07	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	106.07	-21.21	1.2
RE DISCCART	98.99	-28.28	1.2
RE DISCCART	91.92	-35.36	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	81.32	-45.96	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	75.66	-51.62	1.2
RE DISCCART	74.25	-53.03	1.2
RE DISCCART	72.83	-54.45	1.2
RE DISCCART	71.42	-55.86	1.2
RE DISCCART	70.0	-57.28	1.2
RE DISCCART	57.28	-70.0	1.2
RE DISCCART	55.86	-71.42	1.2
RE DISCCART	54.45	-72.83	1.2
RE DISCCART	53.03	-74.25	1.2
RE DISCCART	51.62	-75.66	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	45.96	-81.32	1.2
RE DISCCART	42.43	-84.85	1.2
RE DISCCART	35.36	-91.92	1.2
RE DISCCART	28.28	-98.99	1.2
RE DISCCART	21.21	-106.07	1.2
RE DISCCART	14.14	-113.14	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	-7.07	-134.35	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	127.28	-14.14	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	113.14	-28.28	1.2

RE DISCCART	106.07	-35.36	1.2
RE DISCCART	98.99	-42.43	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	88.39	-53.03	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	82.73	-58.69	1.2
RE DISCCART	81.32	-60.1	1.2
RE DISCCART	79.9	-61.52	1.2
RE DISCCART	78.49	-62.93	1.2
RE DISCCART	77.07	-64.35	1.2
RE DISCCART	64.35	-77.07	1.2
RE DISCCART	62.93	-78.49	1.2
RE DISCCART	61.52	-79.9	1.2
RE DISCCART	60.1	-81.32	1.2
RE DISCCART	58.69	-82.73	1.2
RE DISCCART	56.57	-84.85	1.2
RE DISCCART	53.03	-88.39	1.2
RE DISCCART	49.5	-91.92	1.2
RE DISCCART	42.43	-98.99	1.2
RE DISCCART	35.36	-106.07	1.2
RE DISCCART	28.28	-113.14	1.2
RE DISCCART	21.21	-120.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	0.0	-141.42	1.2
RE DISCCART	148.49	-7.07	1.2
RE DISCCART	141.42	-14.14	1.2
RE DISCCART	134.35	-21.21	1.2
RE DISCCART	127.28	-28.28	1.2
RE DISCCART	120.21	-35.36	1.2
RE DISCCART	113.14	-42.43	1.2
RE DISCCART	106.07	-49.5	1.2
RE DISCCART	98.99	-56.57	1.2
RE DISCCART	95.46	-60.1	1.2
RE DISCCART	91.92	-63.64	1.2
RE DISCCART	89.8	-65.76	1.2
RE DISCCART	88.39	-67.18	1.2
RE DISCCART	86.97	-68.59	1.2
RE DISCCART	85.56	-70.0	1.2
RE DISCCART	84.15	-71.42	1.2
RE DISCCART	71.42	-84.15	1.2
RE DISCCART	70.0	-85.56	1.2
RE DISCCART	68.59	-86.97	1.2
RE DISCCART	67.18	-88.39	1.2

RE DISCCART	65.76	-89.8	1.2
RE DISCCART	63.64	-91.92	1.2
RE DISCCART	60.1	-95.46	1.2
RE DISCCART	56.57	-98.99	1.2
RE DISCCART	49.5	-106.07	1.2
RE DISCCART	42.43	-113.14	1.2
RE DISCCART	35.36	-120.21	1.2
RE DISCCART	28.28	-127.28	1.2
RE DISCCART	21.21	-134.35	1.2
RE DISCCART	14.14	-141.42	1.2
RE DISCCART	7.07	-148.49	1.2
RE DISCCART	155.56	-14.14	1.2
RE DISCCART	148.49	-21.21	1.2
RE DISCCART	141.42	-28.28	1.2
RE DISCCART	134.35	-35.36	1.2
RE DISCCART	127.28	-42.43	1.2
RE DISCCART	120.21	-49.5	1.2
RE DISCCART	113.14	-56.57	1.2
RE DISCCART	106.07	-63.64	1.2
RE DISCCART	102.53	-67.18	1.2
RE DISCCART	98.99	-70.71	1.2
RE DISCCART	96.87	-72.83	1.2
RE DISCCART	95.46	-74.25	1.2
RE DISCCART	94.05	-75.66	1.2
RE DISCCART	92.63	-77.07	1.2
RE DISCCART	91.22	-78.49	1.2
RE DISCCART	78.49	-91.22	1.2
RE DISCCART	77.07	-92.63	1.2
RE DISCCART	75.66	-94.05	1.2
RE DISCCART	74.25	-95.46	1.2
RE DISCCART	72.83	-96.87	1.2
RE DISCCART	70.71	-98.99	1.2
RE DISCCART	67.18	-102.53	1.2
RE DISCCART	63.64	-106.07	1.2
RE DISCCART	56.57	-113.14	1.2
RE DISCCART	49.5	-120.21	1.2
RE DISCCART	42.43	-127.28	1.2
RE DISCCART	35.36	-134.35	1.2
RE DISCCART	28.28	-141.42	1.2
RE DISCCART	21.21	-148.49	1.2
RE DISCCART	14.14	-155.56	1.2
RE DISCCART	162.63	-21.21	1.2
RE DISCCART	155.56	-28.28	1.2
RE DISCCART	148.49	-35.36	1.2

RE DISCCART	141.42	-42.43	1.2
RE DISCCART	134.35	-49.5	1.2
RE DISCCART	127.28	-56.57	1.2
RE DISCCART	120.21	-63.64	1.2
RE DISCCART	113.14	-70.71	1.2
RE DISCCART	109.6	-74.25	1.2
RE DISCCART	106.07	-77.78	1.2
RE DISCCART	103.94	-79.9	1.2
RE DISCCART	102.53	-81.32	1.2
RE DISCCART	101.12	-82.73	1.2
RE DISCCART	99.7	-84.15	1.2
RE DISCCART	98.29	-85.56	1.2
RE DISCCART	85.56	-98.29	1.2
RE DISCCART	84.15	-99.7	1.2
RE DISCCART	82.73	-101.12	1.2
RE DISCCART	81.32	-102.53	1.2
RE DISCCART	79.9	-103.94	1.2
RE DISCCART	77.78	-106.07	1.2
RE DISCCART	74.25	-109.6	1.2
RE DISCCART	70.71	-113.14	1.2
RE DISCCART	63.64	-120.21	1.2
RE DISCCART	56.57	-127.28	1.2
RE DISCCART	49.5	-134.35	1.2
RE DISCCART	42.43	-141.42	1.2
RE DISCCART	35.36	-148.49	1.2
RE DISCCART	28.28	-155.56	1.2
RE DISCCART	21.21	-162.63	1.2
RE DISCCART	169.71	-28.28	1.2
RE DISCCART	162.63	-35.36	1.2
RE DISCCART	155.56	-42.43	1.2
RE DISCCART	148.49	-49.5	1.2
RE DISCCART	141.42	-56.57	1.2
RE DISCCART	134.35	-63.64	1.2
RE DISCCART	127.28	-70.71	1.2
RE DISCCART	120.21	-77.78	1.2
RE DISCCART	116.67	-81.32	1.2
RE DISCCART	113.14	-84.85	1.2
RE DISCCART	111.02	-86.97	1.2
RE DISCCART	109.6	-88.39	1.2
RE DISCCART	108.19	-89.8	1.2
RE DISCCART	106.77	-91.22	1.2
RE DISCCART	105.36	-92.63	1.2
RE DISCCART	92.63	-105.36	1.2
RE DISCCART	91.22	-106.77	1.2

RE DISCCART	89.8	-108.19	1.2
RE DISCCART	88.39	-109.6	1.2
RE DISCCART	86.97	-111.02	1.2
RE DISCCART	84.85	-113.14	1.2
RE DISCCART	81.32	-116.67	1.2
RE DISCCART	77.78	-120.21	1.2
RE DISCCART	70.71	-127.28	1.2
RE DISCCART	63.64	-134.35	1.2
RE DISCCART	56.57	-141.42	1.2
RE DISCCART	49.5	-148.49	1.2
RE DISCCART	42.43	-155.56	1.2
RE DISCCART	35.36	-162.63	1.2
RE DISCCART	28.28	-169.71	1.2
RE DISCCART	176.78	-35.36	1.2
RE DISCCART	169.71	-42.43	1.2
RE DISCCART	162.63	-49.5	1.2
RE DISCCART	155.56	-56.57	1.2
RE DISCCART	148.49	-63.64	1.2
RE DISCCART	141.42	-70.71	1.2
RE DISCCART	134.35	-77.78	1.2
RE DISCCART	127.28	-84.85	1.2
RE DISCCART	123.74	-88.39	1.2
RE DISCCART	120.21	-91.92	1.2
RE DISCCART	118.09	-94.05	1.2
RE DISCCART	116.67	-95.46	1.2
RE DISCCART	115.26	-96.87	1.2
RE DISCCART	113.84	-98.29	1.2
RE DISCCART	112.43	-99.7	1.2
RE DISCCART	99.7	-112.43	1.2
RE DISCCART	98.29	-113.84	1.2
RE DISCCART	96.87	-115.26	1.2
RE DISCCART	95.46	-116.67	1.2
RE DISCCART	94.05	-118.09	1.2
RE DISCCART	91.92	-120.21	1.2
RE DISCCART	88.39	-123.74	1.2
RE DISCCART	84.85	-127.28	1.2
RE DISCCART	77.78	-134.35	1.2
RE DISCCART	70.71	-141.42	1.2
RE DISCCART	63.64	-148.49	1.2
RE DISCCART	56.57	-155.56	1.2
RE DISCCART	49.5	-162.63	1.2
RE DISCCART	42.43	-169.71	1.2
RE DISCCART	35.36	-176.78	1.2
RE DISCCART	183.85	-42.43	1.2

RE DISCCART	176.78	-49.5	1.2
RE DISCCART	169.71	-56.57	1.2
RE DISCCART	162.63	-63.64	1.2
RE DISCCART	155.56	-70.71	1.2
RE DISCCART	148.49	-77.78	1.2
RE DISCCART	141.42	-84.85	1.2
RE DISCCART	134.35	-91.92	1.2
RE DISCCART	130.81	-95.46	1.2
RE DISCCART	127.28	-98.99	1.2
RE DISCCART	125.16	-101.12	1.2
RE DISCCART	123.74	-102.53	1.2
RE DISCCART	122.33	-103.94	1.2
RE DISCCART	120.92	-105.36	1.2
RE DISCCART	119.5	-106.77	1.2
RE DISCCART	106.77	-119.5	1.2
RE DISCCART	105.36	-120.92	1.2
RE DISCCART	103.94	-122.33	1.2
RE DISCCART	102.53	-123.74	1.2
RE DISCCART	101.12	-125.16	1.2
RE DISCCART	98.99	-127.28	1.2
RE DISCCART	95.46	-130.81	1.2
RE DISCCART	91.92	-134.35	1.2
RE DISCCART	84.85	-141.42	1.2
RE DISCCART	77.78	-148.49	1.2
RE DISCCART	70.71	-155.56	1.2
RE DISCCART	63.64	-162.63	1.2
RE DISCCART	56.57	-169.71	1.2
RE DISCCART	49.5	-176.78	1.2
RE DISCCART	42.43	-183.85	1.2
RE DISCCART	190.92	-49.5	1.2
RE DISCCART	183.85	-56.57	1.2
RE DISCCART	176.78	-63.64	1.2
RE DISCCART	169.71	-70.71	1.2
RE DISCCART	162.63	-77.78	1.2
RE DISCCART	155.56	-84.85	1.2
RE DISCCART	148.49	-91.92	1.2
RE DISCCART	141.42	-98.99	1.2
RE DISCCART	137.89	-102.53	1.2
RE DISCCART	134.35	-106.07	1.2
RE DISCCART	132.23	-108.19	1.2
RE DISCCART	130.81	-109.6	1.2
RE DISCCART	129.4	-111.02	1.2
RE DISCCART	127.99	-112.43	1.2
RE DISCCART	126.57	-113.84	1.2

RE DISCCART	113.84	-126.57	1.2
RE DISCCART	112.43	-127.99	1.2
RE DISCCART	111.02	-129.4	1.2
RE DISCCART	109.6	-130.81	1.2
RE DISCCART	108.19	-132.23	1.2
RE DISCCART	106.07	-134.35	1.2
RE DISCCART	102.53	-137.89	1.2
RE DISCCART	98.99	-141.42	1.2
RE DISCCART	91.92	-148.49	1.2
RE DISCCART	84.85	-155.56	1.2
RE DISCCART	77.78	-162.63	1.2
RE DISCCART	70.71	-169.71	1.2
RE DISCCART	63.64	-176.78	1.2
RE DISCCART	56.57	-183.85	1.2
RE DISCCART	49.5	-190.92	1.2
RE DISCCART	197.99	-56.57	1.2
RE DISCCART	190.92	-63.64	1.2
RE DISCCART	183.85	-70.71	1.2
RE DISCCART	176.78	-77.78	1.2
RE DISCCART	169.71	-84.85	1.2
RE DISCCART	162.63	-91.92	1.2
RE DISCCART	155.56	-98.99	1.2
RE DISCCART	148.49	-106.07	1.2
RE DISCCART	144.96	-109.6	1.2
RE DISCCART	141.42	-113.14	1.2
RE DISCCART	139.3	-115.26	1.2
RE DISCCART	137.89	-116.67	1.2
RE DISCCART	136.47	-118.09	1.2
RE DISCCART	135.06	-119.5	1.2
RE DISCCART	133.64	-120.92	1.2
RE DISCCART	120.92	-133.64	1.2
RE DISCCART	119.5	-135.06	1.2
RE DISCCART	118.09	-136.47	1.2
RE DISCCART	116.67	-137.89	1.2
RE DISCCART	115.26	-139.3	1.2
RE DISCCART	113.14	-141.42	1.2
RE DISCCART	109.6	-144.96	1.2
RE DISCCART	106.07	-148.49	1.2
RE DISCCART	98.99	-155.56	1.2
RE DISCCART	91.92	-162.63	1.2
RE DISCCART	84.85	-169.71	1.2
RE DISCCART	77.78	-176.78	1.2
RE DISCCART	70.71	-183.85	1.2
RE DISCCART	63.64	-190.92	1.2

RE DISCCART	56.57	-197.99	1.2
RE DISCCART	205.06	-63.64	1.2
RE DISCCART	197.99	-70.71	1.2
RE DISCCART	190.92	-77.78	1.2
RE DISCCART	183.85	-84.85	1.2
RE DISCCART	176.78	-91.92	1.2
RE DISCCART	169.71	-98.99	1.2
RE DISCCART	162.63	-106.07	1.2
RE DISCCART	155.56	-113.14	1.2
RE DISCCART	152.03	-116.67	1.2
RE DISCCART	148.49	-120.21	1.2
RE DISCCART	146.37	-122.33	1.2
RE DISCCART	144.96	-123.74	1.2
RE DISCCART	143.54	-125.16	1.2
RE DISCCART	142.13	-126.57	1.2
RE DISCCART	140.71	-127.99	1.2
RE DISCCART	127.99	-140.71	1.2
RE DISCCART	126.57	-142.13	1.2
RE DISCCART	125.16	-143.54	1.2
RE DISCCART	123.74	-144.96	1.2
RE DISCCART	122.33	-146.37	1.2
RE DISCCART	120.21	-148.49	1.2
RE DISCCART	116.67	-152.03	1.2
RE DISCCART	113.14	-155.56	1.2
RE DISCCART	106.07	-162.63	1.2
RE DISCCART	98.99	-169.71	1.2
RE DISCCART	91.92	-176.78	1.2
RE DISCCART	84.85	-183.85	1.2
RE DISCCART	77.78	-190.92	1.2
RE DISCCART	70.71	-197.99	1.2
RE DISCCART	63.64	-205.06	1.2
RE DISCCART	212.13	-70.71	1.2
RE DISCCART	205.06	-77.78	1.2
RE DISCCART	197.99	-84.85	1.2
RE DISCCART	190.92	-91.92	1.2
RE DISCCART	183.85	-98.99	1.2
RE DISCCART	176.78	-106.07	1.2
RE DISCCART	169.71	-113.14	1.2
RE DISCCART	162.63	-120.21	1.2
RE DISCCART	159.1	-123.74	1.2
RE DISCCART	155.56	-127.28	1.2
RE DISCCART	153.44	-129.4	1.2
RE DISCCART	152.03	-130.81	1.2
RE DISCCART	150.61	-132.23	1.2

RE DISCCART	149.2	-133.64	1.2
RE DISCCART	147.79	-135.06	1.2
RE DISCCART	135.06	-147.79	1.2
RE DISCCART	133.64	-149.2	1.2
RE DISCCART	132.23	-150.61	1.2
RE DISCCART	130.81	-152.03	1.2
RE DISCCART	129.4	-153.44	1.2
RE DISCCART	127.28	-155.56	1.2
RE DISCCART	123.74	-159.1	1.2
RE DISCCART	120.21	-162.63	1.2
RE DISCCART	113.14	-169.71	1.2
RE DISCCART	106.07	-176.78	1.2
RE DISCCART	98.99	-183.85	1.2
RE DISCCART	91.92	-190.92	1.2
RE DISCCART	84.85	-197.99	1.2
RE DISCCART	77.78	-205.06	1.2
RE DISCCART	70.71	-212.13	1.2
RE DISCCART	219.2	-77.78	1.2
RE DISCCART	212.13	-84.85	1.2
RE DISCCART	205.06	-91.92	1.2
RE DISCCART	197.99	-98.99	1.2
RE DISCCART	190.92	-106.07	1.2
RE DISCCART	183.85	-113.14	1.2
RE DISCCART	176.78	-120.21	1.2
RE DISCCART	169.71	-127.28	1.2
RE DISCCART	166.17	-130.81	1.2
RE DISCCART	162.63	-134.35	1.2
RE DISCCART	160.51	-136.47	1.2
RE DISCCART	159.1	-137.89	1.2
RE DISCCART	157.68	-139.3	1.2
RE DISCCART	156.27	-140.71	1.2
RE DISCCART	154.86	-142.13	1.2
RE DISCCART	142.13	-154.86	1.2
RE DISCCART	140.71	-156.27	1.2
RE DISCCART	139.3	-157.68	1.2
RE DISCCART	137.89	-159.1	1.2
RE DISCCART	136.47	-160.51	1.2
RE DISCCART	134.35	-162.63	1.2
RE DISCCART	130.81	-166.17	1.2
RE DISCCART	127.28	-169.71	1.2
RE DISCCART	120.21	-176.78	1.2
RE DISCCART	113.14	-183.85	1.2
RE DISCCART	106.07	-190.92	1.2
RE DISCCART	98.99	-197.99	1.2

RE DISCCART	91.92	-205.06	1.2
RE DISCCART	84.85	-212.13	1.2
RE DISCCART	77.78	-219.2	1.2
RE DISCCART	226.27	-84.85	1.2
RE DISCCART	219.2	-91.92	1.2
RE DISCCART	212.13	-98.99	1.2
RE DISCCART	205.06	-106.07	1.2
RE DISCCART	197.99	-113.14	1.2
RE DISCCART	190.92	-120.21	1.2
RE DISCCART	183.85	-127.28	1.2
RE DISCCART	176.78	-134.35	1.2
RE DISCCART	173.24	-137.89	1.2
RE DISCCART	169.71	-141.42	1.2
RE DISCCART	167.58	-143.54	1.2
RE DISCCART	166.17	-144.96	1.2
RE DISCCART	164.76	-146.37	1.2
RE DISCCART	163.34	-147.79	1.2
RE DISCCART	161.93	-149.2	1.2
RE DISCCART	149.2	-161.93	1.2
RE DISCCART	147.79	-163.34	1.2
RE DISCCART	146.37	-164.76	1.2
RE DISCCART	144.96	-166.17	1.2
RE DISCCART	143.54	-167.58	1.2
RE DISCCART	141.42	-169.71	1.2
RE DISCCART	137.89	-173.24	1.2
RE DISCCART	134.35	-176.78	1.2
RE DISCCART	127.28	-183.85	1.2
RE DISCCART	120.21	-190.92	1.2
RE DISCCART	113.14	-197.99	1.2
RE DISCCART	106.07	-205.06	1.2
RE DISCCART	98.99	-212.13	1.2
RE DISCCART	91.92	-219.2	1.2
RE DISCCART	84.85	-226.27	1.2
RE DISCCART	233.35	-91.92	1.2
RE DISCCART	226.27	-98.99	1.2
RE DISCCART	219.2	-106.07	1.2
RE DISCCART	212.13	-113.14	1.2
RE DISCCART	205.06	-120.21	1.2
RE DISCCART	197.99	-127.28	1.2
RE DISCCART	190.92	-134.35	1.2
RE DISCCART	183.85	-141.42	1.2
RE DISCCART	180.31	-144.96	1.2
RE DISCCART	176.78	-148.49	1.2
RE DISCCART	174.66	-150.61	1.2

RE DISCCART	173.24	-152.03	1.2
RE DISCCART	171.83	-153.44	1.2
RE DISCCART	170.41	-154.86	1.2
RE DISCCART	169.0	-156.27	1.2
RE DISCCART	156.27	-169.0	1.2
RE DISCCART	154.86	-170.41	1.2
RE DISCCART	153.44	-171.83	1.2
RE DISCCART	152.03	-173.24	1.2
RE DISCCART	150.61	-174.66	1.2
RE DISCCART	148.49	-176.78	1.2
RE DISCCART	144.96	-180.31	1.2
RE DISCCART	141.42	-183.85	1.2
RE DISCCART	134.35	-190.92	1.2
RE DISCCART	127.28	-197.99	1.2
RE DISCCART	120.21	-205.06	1.2
RE DISCCART	113.14	-212.13	1.2
RE DISCCART	106.07	-219.2	1.2
RE DISCCART	98.99	-226.27	1.2
RE DISCCART	91.92	-233.35	1.2
RE DISCCART	240.42	-98.99	1.2
RE DISCCART	233.35	-106.07	1.2
RE DISCCART	226.27	-113.14	1.2
RE DISCCART	219.2	-120.21	1.2
RE DISCCART	212.13	-127.28	1.2
RE DISCCART	205.06	-134.35	1.2
RE DISCCART	197.99	-141.42	1.2
RE DISCCART	190.92	-148.49	1.2
RE DISCCART	187.38	-152.03	1.2
RE DISCCART	183.85	-155.56	1.2
RE DISCCART	181.73	-157.68	1.2
RE DISCCART	180.31	-159.1	1.2
RE DISCCART	178.9	-160.51	1.2
RE DISCCART	177.48	-161.93	1.2
RE DISCCART	176.07	-163.34	1.2
RE DISCCART	163.34	-176.07	1.2
RE DISCCART	161.93	-177.48	1.2
RE DISCCART	160.51	-178.9	1.2
RE DISCCART	159.1	-180.31	1.2
RE DISCCART	157.68	-181.73	1.2
RE DISCCART	155.56	-183.85	1.2
RE DISCCART	152.03	-187.38	1.2
RE DISCCART	148.49	-190.92	1.2
RE DISCCART	141.42	-197.99	1.2
RE DISCCART	134.35	-205.06	1.2

RE DISCCART 127.28 -212.13 1.2
RE DISCCART 120.21 -219.2 1.2
RE DISCCART 113.14 -226.27 1.2
RE DISCCART 106.07 -233.35 1.2
RE DISCCART 98.99 -240.42 1.2
RE DISCCART 247.49 -106.07 1.2
RE DISCCART 240.42 -113.14 1.2
RE DISCCART 233.35 -120.21 1.2
RE DISCCART 226.27 -127.28 1.2
RE DISCCART 219.2 -134.35 1.2
RE DISCCART 212.13 -141.42 1.2
RE DISCCART 205.06 -148.49 1.2
RE DISCCART 197.99 -155.56 1.2
RE DISCCART 194.45 -159.1 1.2
RE DISCCART 190.92 -162.63 1.2
RE DISCCART 188.8 -164.76 1.2
RE DISCCART 187.38 -166.17 1.2
RE DISCCART 185.97 -167.58 1.2
RE DISCCART 184.55 -169.0 1.2
RE DISCCART 183.14 -170.41 1.2
RE DISCCART 170.41 -183.14 1.2
RE DISCCART 169.0 -184.55 1.2
RE DISCCART 167.58 -185.97 1.2
RE DISCCART 166.17 -187.38 1.2
RE DISCCART 164.76 -188.8 1.2
RE DISCCART 162.63 -190.92 1.2
RE DISCCART 159.1 -194.45 1.2
RE DISCCART 155.56 -197.99 1.2
RE DISCCART 148.49 -205.06 1.2
RE DISCCART 141.42 -212.13 1.2
RE DISCCART 134.35 -219.2 1.2
RE DISCCART 127.28 -226.27 1.2
RE DISCCART 120.21 -233.35 1.2
RE DISCCART 113.14 -240.42 1.2
RE DISCCART 106.07 -247.49 1.2
RE FINISHED

ME STARTING

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ME ANEMHGHT 10 METERS

ME SURFDATA 4901 1997

ME UAIRDATA 4901 1997

ME STARTEND 1997 01 01 1 1997 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\18NCRA-1.DAT

**Output Print File: C:\NCRA\MODELING\DPMRIS~1\TRAVEL~1\NAPA\18NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***
18:47:39
**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

Table with columns: EMISSION RATE SOURCE SCALAR VARY BY, NUMBER PART. CATS., EMISSION RATE (GRAMS/SEC /METER**2), COORD (SW CORNER) X Y, BASE ELEV. (METERS), RELEASE HEIGHT (METERS), X-DIM OF AREA (METERS), Y-DIM OF AREA (METERS), ORIENT. OF AREA (DEG.), INIT. SZ (METERS). Rows include NCRA_S1 through NCRA_S5.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***
18:47:39
**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs
NCRA_S1 NCRA_S1 ,
NCRA_S2 NCRA_S2 ,
NCRA_S3 NCRA_S3 ,
NCRA_S4 NCRA_S4 ,
NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***
18:47:39
**MODELOPTs:
PAGE 4
CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-106.1, 247.5, 0.0, 1.2); (-113.1, 240.4, 0.0, 1.2);
(-120.2, 233.4, 0.0, 1.2); (-127.3, 226.3, 0.0, 1.2);
(-134.4, 219.2, 0.0, 1.2); (-141.4, 212.1, 0.0, 1.2);

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

(-148.5,	205.1,	0.0,	1.2);	(-155.6,	198.0,	0.0,	1.2);
(-159.1,	194.4,	0.0,	1.2);	(-162.6,	190.9,	0.0,	1.2);
(-164.8,	188.8,	0.0,	1.2);	(-166.2,	187.4,	0.0,	1.2);
(-167.6,	186.0,	0.0,	1.2);	(-169.0,	184.6,	0.0,	1.2);
(-170.4,	183.1,	0.0,	1.2);	(-183.1,	170.4,	0.0,	1.2);
(-184.6,	169.0,	0.0,	1.2);	(-186.0,	167.6,	0.0,	1.2);
(-187.4,	166.2,	0.0,	1.2);	(-188.8,	164.8,	0.0,	1.2);
(-190.9,	162.6,	0.0,	1.2);	(-194.4,	159.1,	0.0,	1.2);
(-198.0,	155.6,	0.0,	1.2);	(-205.1,	148.5,	0.0,	1.2);
(-212.1,	141.4,	0.0,	1.2);	(-219.2,	134.4,	0.0,	1.2);
(-226.3,	127.3,	0.0,	1.2);	(-233.4,	120.2,	0.0,	1.2);
(-240.4,	113.1,	0.0,	1.2);	(-247.5,	106.1,	0.0,	1.2);
(-99.0,	240.4,	0.0,	1.2);	(-106.1,	233.4,	0.0,	1.2);
(-113.1,	226.3,	0.0,	1.2);	(-120.2,	219.2,	0.0,	1.2);
(-127.3,	212.1,	0.0,	1.2);	(-134.4,	205.1,	0.0,	1.2);
(-141.4,	198.0,	0.0,	1.2);	(-148.5,	190.9,	0.0,	1.2);
(-152.0,	187.4,	0.0,	1.2);	(-155.6,	183.9,	0.0,	1.2);
(-157.7,	181.7,	0.0,	1.2);	(-159.1,	180.3,	0.0,	1.2);
(-160.5,	178.9,	0.0,	1.2);	(-161.9,	177.5,	0.0,	1.2);
(-163.3,	176.1,	0.0,	1.2);	(-176.1,	163.3,	0.0,	1.2);
(-177.5,	161.9,	0.0,	1.2);	(-178.9,	160.5,	0.0,	1.2);
(-180.3,	159.1,	0.0,	1.2);	(-181.7,	157.7,	0.0,	1.2);
(-183.9,	155.6,	0.0,	1.2);	(-187.4,	152.0,	0.0,	1.2);
(-190.9,	148.5,	0.0,	1.2);	(-198.0,	141.4,	0.0,	1.2);
(-205.1,	134.4,	0.0,	1.2);	(-212.1,	127.3,	0.0,	1.2);
(-219.2,	120.2,	0.0,	1.2);	(-226.3,	113.1,	0.0,	1.2);
(-233.4,	106.1,	0.0,	1.2);	(-240.4,	99.0,	0.0,	1.2);
(-91.9,	233.4,	0.0,	1.2);	(-99.0,	226.3,	0.0,	1.2);
(-106.1,	219.2,	0.0,	1.2);	(-113.1,	212.1,	0.0,	1.2);
(-120.2,	205.1,	0.0,	1.2);	(-127.3,	198.0,	0.0,	1.2);
(-134.4,	190.9,	0.0,	1.2);	(-141.4,	183.9,	0.0,	1.2);
(-145.0,	180.3,	0.0,	1.2);	(-148.5,	176.8,	0.0,	1.2);
(-150.6,	174.7,	0.0,	1.2);	(-152.0,	173.2,	0.0,	1.2);
(-153.4,	171.8,	0.0,	1.2);	(-154.9,	170.4,	0.0,	1.2);
(-156.3,	169.0,	0.0,	1.2);	(-169.0,	156.3,	0.0,	1.2);
(-170.4,	154.9,	0.0,	1.2);	(-171.8,	153.4,	0.0,	1.2);
(-173.2,	152.0,	0.0,	1.2);	(-174.7,	150.6,	0.0,	1.2);
(-176.8,	148.5,	0.0,	1.2);	(-180.3,	145.0,	0.0,	1.2);
(-183.9,	141.4,	0.0,	1.2);	(-190.9,	134.4,	0.0,	1.2);
(-198.0,	127.3,	0.0,	1.2);	(-205.1,	120.2,	0.0,	1.2);
(-212.1,	113.1,	0.0,	1.2);	(-219.2,	106.1,	0.0,	1.2);
(-226.3,	99.0,	0.0,	1.2);	(-233.4,	91.9,	0.0,	1.2);

**MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-84.8, 226.3, 0.0, 1.2);	(-91.9, 219.2, 0.0, 1.2);
(-99.0, 212.1, 0.0, 1.2);	(-106.1, 205.1, 0.0, 1.2);
(-113.1, 198.0, 0.0, 1.2);	(-120.2, 190.9, 0.0, 1.2);
(-127.3, 183.9, 0.0, 1.2);	(-134.4, 176.8, 0.0, 1.2);
(-137.9, 173.2, 0.0, 1.2);	(-141.4, 169.7, 0.0, 1.2);
(-143.5, 167.6, 0.0, 1.2);	(-145.0, 166.2, 0.0, 1.2);
(-146.4, 164.8, 0.0, 1.2);	(-147.8, 163.3, 0.0, 1.2);
(-149.2, 161.9, 0.0, 1.2);	(-161.9, 149.2, 0.0, 1.2);
(-163.3, 147.8, 0.0, 1.2);	(-164.8, 146.4, 0.0, 1.2);
(-166.2, 145.0, 0.0, 1.2);	(-167.6, 143.5, 0.0, 1.2);
(-169.7, 141.4, 0.0, 1.2);	(-173.2, 137.9, 0.0, 1.2);
(-176.8, 134.4, 0.0, 1.2);	(-183.9, 127.3, 0.0, 1.2);
(-190.9, 120.2, 0.0, 1.2);	(-198.0, 113.1, 0.0, 1.2);
(-205.1, 106.1, 0.0, 1.2);	(-212.1, 99.0, 0.0, 1.2);
(-219.2, 91.9, 0.0, 1.2);	(-226.3, 84.8, 0.0, 1.2);
(-77.8, 219.2, 0.0, 1.2);	(-84.8, 212.1, 0.0, 1.2);
(-91.9, 205.1, 0.0, 1.2);	(-99.0, 198.0, 0.0, 1.2);
(-106.1, 190.9, 0.0, 1.2);	(-113.1, 183.9, 0.0, 1.2);
(-120.2, 176.8, 0.0, 1.2);	(-127.3, 169.7, 0.0, 1.2);
(-130.8, 166.2, 0.0, 1.2);	(-134.4, 162.6, 0.0, 1.2);
(-136.5, 160.5, 0.0, 1.2);	(-137.9, 159.1, 0.0, 1.2);
(-139.3, 157.7, 0.0, 1.2);	(-140.7, 156.3, 0.0, 1.2);
(-142.1, 154.9, 0.0, 1.2);	(-154.9, 142.1, 0.0, 1.2);
(-156.3, 140.7, 0.0, 1.2);	(-157.7, 139.3, 0.0, 1.2);
(-159.1, 137.9, 0.0, 1.2);	(-160.5, 136.5, 0.0, 1.2);
(-162.6, 134.4, 0.0, 1.2);	(-166.2, 130.8, 0.0, 1.2);
(-169.7, 127.3, 0.0, 1.2);	(-176.8, 120.2, 0.0, 1.2);
(-183.9, 113.1, 0.0, 1.2);	(-190.9, 106.1, 0.0, 1.2);
(-198.0, 99.0, 0.0, 1.2);	(-205.1, 91.9, 0.0, 1.2);
(-212.1, 84.8, 0.0, 1.2);	(-219.2, 77.8, 0.0, 1.2);
(-70.7, 212.1, 0.0, 1.2);	(-77.8, 205.1, 0.0, 1.2);
(-84.8, 198.0, 0.0, 1.2);	(-91.9, 190.9, 0.0, 1.2);
(-99.0, 183.9, 0.0, 1.2);	(-106.1, 176.8, 0.0, 1.2);
(-113.1, 169.7, 0.0, 1.2);	(-120.2, 162.6, 0.0, 1.2);
(-123.7, 159.1, 0.0, 1.2);	(-127.3, 155.6, 0.0, 1.2);
(-129.4, 153.4, 0.0, 1.2);	(-130.8, 152.0, 0.0, 1.2);
(-132.2, 150.6, 0.0, 1.2);	(-133.6, 149.2, 0.0, 1.2);
(-135.1, 147.8, 0.0, 1.2);	(-147.8, 135.1, 0.0, 1.2);
(-149.2, 133.6, 0.0, 1.2);	(-150.6, 132.2, 0.0, 1.2);

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

(-152.0,	130.8,	0.0,	1.2);	(-153.4,	129.4,	0.0,	1.2);
(-155.6,	127.3,	0.0,	1.2);	(-159.1,	123.7,	0.0,	1.2);
(-162.6,	120.2,	0.0,	1.2);	(-169.7,	113.1,	0.0,	1.2);
(-176.8,	106.1,	0.0,	1.2);	(-183.9,	99.0,	0.0,	1.2);
(-190.9,	91.9,	0.0,	1.2);	(-198.0,	84.8,	0.0,	1.2);
(-205.1,	77.8,	0.0,	1.2);	(-212.1,	70.7,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:

PAGE 6

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-63.6,	205.1,	0.0,	1.2);	(-70.7,	198.0,	0.0,	1.2);
(-77.8,	190.9,	0.0,	1.2);	(-84.8,	183.9,	0.0,	1.2);
(-91.9,	176.8,	0.0,	1.2);	(-99.0,	169.7,	0.0,	1.2);
(-106.1,	162.6,	0.0,	1.2);	(-113.1,	155.6,	0.0,	1.2);
(-116.7,	152.0,	0.0,	1.2);	(-120.2,	148.5,	0.0,	1.2);
(-122.3,	146.4,	0.0,	1.2);	(-123.7,	145.0,	0.0,	1.2);
(-125.2,	143.5,	0.0,	1.2);	(-126.6,	142.1,	0.0,	1.2);
(-128.0,	140.7,	0.0,	1.2);	(-140.7,	128.0,	0.0,	1.2);
(-142.1,	126.6,	0.0,	1.2);	(-143.5,	125.2,	0.0,	1.2);
(-145.0,	123.7,	0.0,	1.2);	(-146.4,	122.3,	0.0,	1.2);
(-148.5,	120.2,	0.0,	1.2);	(-152.0,	116.7,	0.0,	1.2);
(-155.6,	113.1,	0.0,	1.2);	(-162.6,	106.1,	0.0,	1.2);
(-169.7,	99.0,	0.0,	1.2);	(-176.8,	91.9,	0.0,	1.2);
(-183.9,	84.8,	0.0,	1.2);	(-190.9,	77.8,	0.0,	1.2);
(-198.0,	70.7,	0.0,	1.2);	(-205.1,	63.6,	0.0,	1.2);
(-56.6,	198.0,	0.0,	1.2);	(-63.6,	190.9,	0.0,	1.2);
(-70.7,	183.9,	0.0,	1.2);	(-77.8,	176.8,	0.0,	1.2);
(-84.8,	169.7,	0.0,	1.2);	(-91.9,	162.6,	0.0,	1.2);
(-99.0,	155.6,	0.0,	1.2);	(-106.1,	148.5,	0.0,	1.2);
(-109.6,	145.0,	0.0,	1.2);	(-113.1,	141.4,	0.0,	1.2);
(-115.3,	139.3,	0.0,	1.2);	(-116.7,	137.9,	0.0,	1.2);
(-118.1,	136.5,	0.0,	1.2);	(-119.5,	135.1,	0.0,	1.2);
(-120.9,	133.6,	0.0,	1.2);	(-133.6,	120.9,	0.0,	1.2);
(-135.1,	119.5,	0.0,	1.2);	(-136.5,	118.1,	0.0,	1.2);
(-137.9,	116.7,	0.0,	1.2);	(-139.3,	115.3,	0.0,	1.2);
(-141.4,	113.1,	0.0,	1.2);	(-145.0,	109.6,	0.0,	1.2);
(-148.5,	106.1,	0.0,	1.2);	(-155.6,	99.0,	0.0,	1.2);
(-162.6,	91.9,	0.0,	1.2);	(-169.7,	84.8,	0.0,	1.2);
(-176.8,	77.8,	0.0,	1.2);	(-183.9,	70.7,	0.0,	1.2);
(-190.9,	63.6,	0.0,	1.2);	(-198.0,	56.6,	0.0,	1.2);
(-49.5,	190.9,	0.0,	1.2);	(-56.6,	183.9,	0.0,	1.2);

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

(-63.6,	176.8,	0.0,	1.2);	(-70.7,	169.7,	0.0,	1.2);
(-77.8,	162.6,	0.0,	1.2);	(-84.8,	155.6,	0.0,	1.2);
(-91.9,	148.5,	0.0,	1.2);	(-99.0,	141.4,	0.0,	1.2);
(-102.5,	137.9,	0.0,	1.2);	(-106.1,	134.4,	0.0,	1.2);
(-108.2,	132.2,	0.0,	1.2);	(-109.6,	130.8,	0.0,	1.2);
(-111.0,	129.4,	0.0,	1.2);	(-112.4,	128.0,	0.0,	1.2);
(-113.8,	126.6,	0.0,	1.2);	(-126.6,	113.8,	0.0,	1.2);
(-128.0,	112.4,	0.0,	1.2);	(-129.4,	111.0,	0.0,	1.2);
(-130.8,	109.6,	0.0,	1.2);	(-132.2,	108.2,	0.0,	1.2);
(-134.4,	106.1,	0.0,	1.2);	(-137.9,	102.5,	0.0,	1.2);
(-141.4,	99.0,	0.0,	1.2);	(-148.5,	91.9,	0.0,	1.2);
(-155.6,	84.8,	0.0,	1.2);	(-162.6,	77.8,	0.0,	1.2);
(-169.7,	70.7,	0.0,	1.2);	(-176.8,	63.6,	0.0,	1.2);
(-183.9,	56.6,	0.0,	1.2);	(-190.9,	49.5,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
 PAGE 7
 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-42.4,	183.9,	0.0,	1.2);	(-49.5,	176.8,	0.0,	1.2);
(-56.6,	169.7,	0.0,	1.2);	(-63.6,	162.6,	0.0,	1.2);
(-70.7,	155.6,	0.0,	1.2);	(-77.8,	148.5,	0.0,	1.2);
(-84.8,	141.4,	0.0,	1.2);	(-91.9,	134.4,	0.0,	1.2);
(-95.5,	130.8,	0.0,	1.2);	(-99.0,	127.3,	0.0,	1.2);
(-101.1,	125.2,	0.0,	1.2);	(-102.5,	123.7,	0.0,	1.2);
(-103.9,	122.3,	0.0,	1.2);	(-105.4,	120.9,	0.0,	1.2);
(-106.8,	119.5,	0.0,	1.2);	(-119.5,	106.8,	0.0,	1.2);
(-120.9,	105.4,	0.0,	1.2);	(-122.3,	103.9,	0.0,	1.2);
(-123.7,	102.5,	0.0,	1.2);	(-125.2,	101.1,	0.0,	1.2);
(-127.3,	99.0,	0.0,	1.2);	(-130.8,	95.5,	0.0,	1.2);
(-134.4,	91.9,	0.0,	1.2);	(-141.4,	84.8,	0.0,	1.2);
(-148.5,	77.8,	0.0,	1.2);	(-155.6,	70.7,	0.0,	1.2);
(-162.6,	63.6,	0.0,	1.2);	(-169.7,	56.6,	0.0,	1.2);
(-176.8,	49.5,	0.0,	1.2);	(-183.9,	42.4,	0.0,	1.2);
(-35.4,	176.8,	0.0,	1.2);	(-42.4,	169.7,	0.0,	1.2);
(-49.5,	162.6,	0.0,	1.2);	(-56.6,	155.6,	0.0,	1.2);
(-63.6,	148.5,	0.0,	1.2);	(-70.7,	141.4,	0.0,	1.2);
(-77.8,	134.4,	0.0,	1.2);	(-84.8,	127.3,	0.0,	1.2);
(-88.4,	123.7,	0.0,	1.2);	(-91.9,	120.2,	0.0,	1.2);
(-94.1,	118.1,	0.0,	1.2);	(-95.5,	116.7,	0.0,	1.2);
(-96.9,	115.3,	0.0,	1.2);	(-98.3,	113.8,	0.0,	1.2);
(-99.7,	112.4,	0.0,	1.2);	(-112.4,	99.7,	0.0,	1.2);

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

(-113.8,	98.3,	0.0,	1.2);	(-115.3,	96.9,	0.0,	1.2);
(-116.7,	95.5,	0.0,	1.2);	(-118.1,	94.1,	0.0,	1.2);
(-120.2,	91.9,	0.0,	1.2);	(-123.7,	88.4,	0.0,	1.2);
(-127.3,	84.8,	0.0,	1.2);	(-134.4,	77.8,	0.0,	1.2);
(-141.4,	70.7,	0.0,	1.2);	(-148.5,	63.6,	0.0,	1.2);
(-155.6,	56.6,	0.0,	1.2);	(-162.6,	49.5,	0.0,	1.2);
(-169.7,	42.4,	0.0,	1.2);	(-176.8,	35.4,	0.0,	1.2);
(-28.3,	169.7,	0.0,	1.2);	(-35.4,	162.6,	0.0,	1.2);
(-42.4,	155.6,	0.0,	1.2);	(-49.5,	148.5,	0.0,	1.2);
(-56.6,	141.4,	0.0,	1.2);	(-63.6,	134.4,	0.0,	1.2);
(-70.7,	127.3,	0.0,	1.2);	(-77.8,	120.2,	0.0,	1.2);
(-81.3,	116.7,	0.0,	1.2);	(-84.8,	113.1,	0.0,	1.2);
(-87.0,	111.0,	0.0,	1.2);	(-88.4,	109.6,	0.0,	1.2);
(-89.8,	108.2,	0.0,	1.2);	(-91.2,	106.8,	0.0,	1.2);
(-92.6,	105.4,	0.0,	1.2);	(-105.4,	92.6,	0.0,	1.2);
(-106.8,	91.2,	0.0,	1.2);	(-108.2,	89.8,	0.0,	1.2);
(-109.6,	88.4,	0.0,	1.2);	(-111.0,	87.0,	0.0,	1.2);
(-113.1,	84.8,	0.0,	1.2);	(-116.7,	81.3,	0.0,	1.2);
(-120.2,	77.8,	0.0,	1.2);	(-127.3,	70.7,	0.0,	1.2);
(-134.4,	63.6,	0.0,	1.2);	(-141.4,	56.6,	0.0,	1.2);
(-148.5,	49.5,	0.0,	1.2);	(-155.6,	42.4,	0.0,	1.2);
(-162.6,	35.4,	0.0,	1.2);	(-169.7,	28.3,	0.0,	1.2);

1 *** ICSST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:47:39

**MODELOPTs:
PAGE 8

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-21.2,	162.6,	0.0,	1.2);	(-28.3,	155.6,	0.0,	1.2);
(-35.4,	148.5,	0.0,	1.2);	(-42.4,	141.4,	0.0,	1.2);
(-49.5,	134.4,	0.0,	1.2);	(-56.6,	127.3,	0.0,	1.2);
(-63.6,	120.2,	0.0,	1.2);	(-70.7,	113.1,	0.0,	1.2);
(-74.2,	109.6,	0.0,	1.2);	(-77.8,	106.1,	0.0,	1.2);
(-79.9,	103.9,	0.0,	1.2);	(-81.3,	102.5,	0.0,	1.2);
(-82.7,	101.1,	0.0,	1.2);	(-84.2,	99.7,	0.0,	1.2);
(-85.6,	98.3,	0.0,	1.2);	(-98.3,	85.6,	0.0,	1.2);
(-99.7,	84.2,	0.0,	1.2);	(-101.1,	82.7,	0.0,	1.2);
(-102.5,	81.3,	0.0,	1.2);	(-103.9,	79.9,	0.0,	1.2);
(-106.1,	77.8,	0.0,	1.2);	(-109.6,	74.2,	0.0,	1.2);
(-113.1,	70.7,	0.0,	1.2);	(-120.2,	63.6,	0.0,	1.2);
(-127.3,	56.6,	0.0,	1.2);	(-134.4,	49.5,	0.0,	1.2);
(-141.4,	42.4,	0.0,	1.2);	(-148.5,	35.4,	0.0,	1.2);
(-155.6,	28.3,	0.0,	1.2);	(-162.6,	21.2,	0.0,	1.2);

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

(	-14.1,	155.6,	0.0,	1.2);	(	-21.2,	148.5,	0.0,	1.2);
(	-28.3,	141.4,	0.0,	1.2);	(	-35.4,	134.4,	0.0,	1.2);
(	-42.4,	127.3,	0.0,	1.2);	(	-49.5,	120.2,	0.0,	1.2);
(	-56.6,	113.1,	0.0,	1.2);	(	-63.6,	106.1,	0.0,	1.2);
(	-67.2,	102.5,	0.0,	1.2);	(	-70.7,	99.0,	0.0,	1.2);
(	-72.8,	96.9,	0.0,	1.2);	(	-74.2,	95.5,	0.0,	1.2);
(	-75.7,	94.1,	0.0,	1.2);	(	-77.1,	92.6,	0.0,	1.2);
(	-78.5,	91.2,	0.0,	1.2);	(	-91.2,	78.5,	0.0,	1.2);
(	-92.6,	77.1,	0.0,	1.2);	(	-94.1,	75.7,	0.0,	1.2);
(	-95.5,	74.2,	0.0,	1.2);	(	-96.9,	72.8,	0.0,	1.2);
(	-99.0,	70.7,	0.0,	1.2);	(	-102.5,	67.2,	0.0,	1.2);
(	-106.1,	63.6,	0.0,	1.2);	(	-113.1,	56.6,	0.0,	1.2);
(	-120.2,	49.5,	0.0,	1.2);	(	-127.3,	42.4,	0.0,	1.2);
(	-134.4,	35.4,	0.0,	1.2);	(	-141.4,	28.3,	0.0,	1.2);
(	-148.5,	21.2,	0.0,	1.2);	(	-155.6,	14.1,	0.0,	1.2);
(	-7.1,	148.5,	0.0,	1.2);	(	-14.1,	141.4,	0.0,	1.2);
(	-21.2,	134.4,	0.0,	1.2);	(	-28.3,	127.3,	0.0,	1.2);
(	-35.4,	120.2,	0.0,	1.2);	(	-42.4,	113.1,	0.0,	1.2);
(	-49.5,	106.1,	0.0,	1.2);	(	-56.6,	99.0,	0.0,	1.2);
(	-60.1,	95.5,	0.0,	1.2);	(	-63.6,	91.9,	0.0,	1.2);
(	-65.8,	89.8,	0.0,	1.2);	(	-67.2,	88.4,	0.0,	1.2);
(	-68.6,	87.0,	0.0,	1.2);	(	-70.0,	85.6,	0.0,	1.2);
(	-71.4,	84.2,	0.0,	1.2);	(	-84.2,	71.4,	0.0,	1.2);
(	-85.6,	70.0,	0.0,	1.2);	(	-87.0,	68.6,	0.0,	1.2);
(	-88.4,	67.2,	0.0,	1.2);	(	-89.8,	65.8,	0.0,	1.2);
(	-91.9,	63.6,	0.0,	1.2);	(	-95.5,	60.1,	0.0,	1.2);
(	-99.0,	56.6,	0.0,	1.2);	(	-106.1,	49.5,	0.0,	1.2);
(	-113.1,	42.4,	0.0,	1.2);	(	-120.2,	35.4,	0.0,	1.2);
(	-127.3,	28.3,	0.0,	1.2);	(	-134.4,	21.2,	0.0,	1.2);
(	-141.4,	14.1,	0.0,	1.2);	(	-148.5,	7.1,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(	0.0,	141.4,	0.0,	1.2);	(	-7.1,	134.4,	0.0,	1.2);
(	-14.1,	127.3,	0.0,	1.2);	(	-21.2,	120.2,	0.0,	1.2);
(	-28.3,	113.1,	0.0,	1.2);	(	-35.4,	106.1,	0.0,	1.2);
(	-42.4,	99.0,	0.0,	1.2);	(	-49.5,	91.9,	0.0,	1.2);
(	-53.0,	88.4,	0.0,	1.2);	(	-56.6,	84.8,	0.0,	1.2);
(	-58.7,	82.7,	0.0,	1.2);	(	-60.1,	81.3,	0.0,	1.2);
(	-61.5,	79.9,	0.0,	1.2);	(	-62.9,	78.5,	0.0,	1.2);

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

(-64.3,	77.1,	0.0,	1.2);	(-77.1,	64.3,	0.0,	1.2);
(-78.5,	62.9,	0.0,	1.2);	(-79.9,	61.5,	0.0,	1.2);
(-81.3,	60.1,	0.0,	1.2);	(-82.7,	58.7,	0.0,	1.2);
(-84.8,	56.6,	0.0,	1.2);	(-88.4,	53.0,	0.0,	1.2);
(-91.9,	49.5,	0.0,	1.2);	(-99.0,	42.4,	0.0,	1.2);
(-106.1,	35.4,	0.0,	1.2);	(-113.1,	28.3,	0.0,	1.2);
(-120.2,	21.2,	0.0,	1.2);	(-127.3,	14.1,	0.0,	1.2);
(-134.4,	7.1,	0.0,	1.2);	(-141.4,	0.0,	0.0,	1.2);
(7.1,	134.4,	0.0,	1.2);	(0.0,	127.3,	0.0,	1.2);
(-7.1,	120.2,	0.0,	1.2);	(-14.1,	113.1,	0.0,	1.2);
(-21.2,	106.1,	0.0,	1.2);	(-28.3,	99.0,	0.0,	1.2);
(-35.4,	91.9,	0.0,	1.2);	(-42.4,	84.8,	0.0,	1.2);
(-46.0,	81.3,	0.0,	1.2);	(-49.5,	77.8,	0.0,	1.2);
(-51.6,	75.7,	0.0,	1.2);	(-53.0,	74.2,	0.0,	1.2);
(-54.5,	72.8,	0.0,	1.2);	(-55.9,	71.4,	0.0,	1.2);
(-57.3,	70.0,	0.0,	1.2);	(-70.0,	57.3,	0.0,	1.2);
(-71.4,	55.9,	0.0,	1.2);	(-72.8,	54.5,	0.0,	1.2);
(-74.2,	53.0,	0.0,	1.2);	(-75.7,	51.6,	0.0,	1.2);
(-77.8,	49.5,	0.0,	1.2);	(-81.3,	46.0,	0.0,	1.2);
(-84.8,	42.4,	0.0,	1.2);	(-91.9,	35.4,	0.0,	1.2);
(-99.0,	28.3,	0.0,	1.2);	(-106.1,	21.2,	0.0,	1.2);
(-113.1,	14.1,	0.0,	1.2);	(-120.2,	7.1,	0.0,	1.2);
(-127.3,	0.0,	0.0,	1.2);	(-134.4,	-7.1,	0.0,	1.2);
(14.1,	127.3,	0.0,	1.2);	(7.1,	120.2,	0.0,	1.2);
(0.0,	113.1,	0.0,	1.2);	(-7.1,	106.1,	0.0,	1.2);
(-14.1,	99.0,	0.0,	1.2);	(-21.2,	91.9,	0.0,	1.2);
(-28.3,	84.8,	0.0,	1.2);	(-35.4,	77.8,	0.0,	1.2);
(-38.9,	74.2,	0.0,	1.2);	(-42.4,	70.7,	0.0,	1.2);
(-44.5,	68.6,	0.0,	1.2);	(-46.0,	67.2,	0.0,	1.2);
(-47.4,	65.8,	0.0,	1.2);	(-48.8,	64.3,	0.0,	1.2);
(-50.2,	62.9,	0.0,	1.2);	(-62.9,	50.2,	0.0,	1.2);
(-64.3,	48.8,	0.0,	1.2);	(-65.8,	47.4,	0.0,	1.2);
(-67.2,	46.0,	0.0,	1.2);	(-68.6,	44.5,	0.0,	1.2);
(-70.7,	42.4,	0.0,	1.2);	(-74.2,	38.9,	0.0,	1.2);
(-77.8,	35.4,	0.0,	1.2);	(-84.8,	28.3,	0.0,	1.2);
(-91.9,	21.2,	0.0,	1.2);	(-99.0,	14.1,	0.0,	1.2);
(-106.1,	7.1,	0.0,	1.2);	(-113.1,	0.0,	0.0,	1.2);
(-120.2,	-7.1,	0.0,	1.2);	(-127.3,	-14.1,	0.0,	1.2);

1 *** ISCT3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound
(METERS)

(21.2, 120.2, 0.0, 1.2);	(14.1, 113.1, 0.0, 1.2);
(7.1, 106.1, 0.0, 1.2);	(0.0, 99.0, 0.0, 1.2);
(-7.1, 91.9, 0.0, 1.2);	(-14.1, 84.8, 0.0, 1.2);
(-21.2, 77.8, 0.0, 1.2);	(-28.3, 70.7, 0.0, 1.2);
(-31.8, 67.2, 0.0, 1.2);	(-35.4, 63.6, 0.0, 1.2);
(-37.5, 61.5, 0.0, 1.2);	(-38.9, 60.1, 0.0, 1.2);
(-40.3, 58.7, 0.0, 1.2);	(-41.7, 57.3, 0.0, 1.2);
(-43.1, 55.9, 0.0, 1.2);	(-55.9, 43.1, 0.0, 1.2);
(-57.3, 41.7, 0.0, 1.2);	(-58.7, 40.3, 0.0, 1.2);
(-60.1, 38.9, 0.0, 1.2);	(-61.5, 37.5, 0.0, 1.2);
(-63.6, 35.4, 0.0, 1.2);	(-67.2, 31.8, 0.0, 1.2);
(-70.7, 28.3, 0.0, 1.2);	(-77.8, 21.2, 0.0, 1.2);
(-84.8, 14.1, 0.0, 1.2);	(-91.9, 7.1, 0.0, 1.2);
(-99.0, 0.0, 0.0, 1.2);	(-106.1, -7.1, 0.0, 1.2);
(-113.1, -14.1, 0.0, 1.2);	(-120.2, -21.2, 0.0, 1.2);
(28.3, 113.1, 0.0, 1.2);	(21.2, 106.1, 0.0, 1.2);
(14.1, 99.0, 0.0, 1.2);	(7.1, 91.9, 0.0, 1.2);
(0.0, 84.8, 0.0, 1.2);	(-7.1, 77.8, 0.0, 1.2);
(-14.1, 70.7, 0.0, 1.2);	(-21.2, 63.6, 0.0, 1.2);
(-24.8, 60.1, 0.0, 1.2);	(-28.3, 56.6, 0.0, 1.2);
(-30.4, 54.5, 0.0, 1.2);	(-31.8, 53.0, 0.0, 1.2);
(-33.2, 51.6, 0.0, 1.2);	(-34.7, 50.2, 0.0, 1.2);
(-36.1, 48.8, 0.0, 1.2);	(-48.8, 36.1, 0.0, 1.2);
(-50.2, 34.7, 0.0, 1.2);	(-51.6, 33.2, 0.0, 1.2);
(-53.0, 31.8, 0.0, 1.2);	(-54.5, 30.4, 0.0, 1.2);
(-56.6, 28.3, 0.0, 1.2);	(-60.1, 24.8, 0.0, 1.2);
(-63.6, 21.2, 0.0, 1.2);	(-70.7, 14.1, 0.0, 1.2);
(-77.8, 7.1, 0.0, 1.2);	(-84.8, 0.0, 0.0, 1.2);
(-91.9, -7.1, 0.0, 1.2);	(-99.0, -14.1, 0.0, 1.2);
(-106.1, -21.2, 0.0, 1.2);	(-113.1, -28.3, 0.0, 1.2);
(35.4, 106.1, 0.0, 1.2);	(28.3, 99.0, 0.0, 1.2);
(21.2, 91.9, 0.0, 1.2);	(14.1, 84.8, 0.0, 1.2);
(7.1, 77.8, 0.0, 1.2);	(0.0, 70.7, 0.0, 1.2);
(-7.1, 63.6, 0.0, 1.2);	(-14.1, 56.6, 0.0, 1.2);
(-17.7, 53.0, 0.0, 1.2);	(-21.2, 49.5, 0.0, 1.2);
(-23.3, 47.4, 0.0, 1.2);	(-24.8, 46.0, 0.0, 1.2);
(-26.2, 44.5, 0.0, 1.2);	(-27.6, 43.1, 0.0, 1.2);
(-29.0, 41.7, 0.0, 1.2);	(-41.7, 29.0, 0.0, 1.2);
(-43.1, 27.6, 0.0, 1.2);	(-44.5, 26.2, 0.0, 1.2);
(-46.0, 24.8, 0.0, 1.2);	(-47.4, 23.3, 0.0, 1.2);
(-49.5, 21.2, 0.0, 1.2);	(-53.0, 17.7, 0.0, 1.2);
(-56.6, 14.1, 0.0, 1.2);	(-63.6, 7.1, 0.0, 1.2);
(-70.7, 0.0, 0.0, 1.2);	(-77.8, -7.1, 0.0, 1.2);

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

(-84.8, -14.1, 0.0, 1.2); (-91.9, -21.2, 0.0, 1.2);
 (-99.0, -28.3, 0.0, 1.2); (-106.1, -35.4, 0.0, 1.2);

1 *** ICSCT3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(42.4, 99.0, 0.0, 1.2); (35.4, 91.9, 0.0, 1.2);
 (28.3, 84.8, 0.0, 1.2); (21.2, 77.8, 0.0, 1.2);
 (14.1, 70.7, 0.0, 1.2); (7.1, 63.6, 0.0, 1.2);
 (0.0, 56.6, 0.0, 1.2); (-7.1, 49.5, 0.0, 1.2);
 (-10.6, 46.0, 0.0, 1.2); (-14.1, 42.4, 0.0, 1.2);
 (-16.3, 40.3, 0.0, 1.2); (-17.7, 38.9, 0.0, 1.2);
 (-19.1, 37.5, 0.0, 1.2); (-20.5, 36.1, 0.0, 1.2);
 (-21.9, 34.7, 0.0, 1.2); (-34.7, 21.9, 0.0, 1.2);
 (-36.1, 20.5, 0.0, 1.2); (-37.5, 19.1, 0.0, 1.2);
 (-38.9, 17.7, 0.0, 1.2); (-40.3, 16.3, 0.0, 1.2);
 (-42.4, 14.1, 0.0, 1.2); (-46.0, 10.6, 0.0, 1.2);
 (-49.5, 7.1, 0.0, 1.2); (-56.6, 0.0, 0.0, 1.2);
 (-63.6, -7.1, 0.0, 1.2); (-70.7, -14.1, 0.0, 1.2);
 (-77.8, -21.2, 0.0, 1.2); (-84.8, -28.3, 0.0, 1.2);
 (-91.9, -35.4, 0.0, 1.2); (-99.0, -42.4, 0.0, 1.2);
 (49.5, 91.9, 0.0, 1.2); (42.4, 84.8, 0.0, 1.2);
 (35.4, 77.8, 0.0, 1.2); (28.3, 70.7, 0.0, 1.2);
 (21.2, 63.6, 0.0, 1.2); (14.1, 56.6, 0.0, 1.2);
 (7.1, 49.5, 0.0, 1.2); (0.0, 42.4, 0.0, 1.2);
 (-3.5, 38.9, 0.0, 1.2); (-7.1, 35.4, 0.0, 1.2);
 (-9.2, 33.2, 0.0, 1.2); (-10.6, 31.8, 0.0, 1.2);
 (-12.0, 30.4, 0.0, 1.2); (-13.4, 29.0, 0.0, 1.2);
 (-14.9, 27.6, 0.0, 1.2); (-27.6, 14.9, 0.0, 1.2);
 (-29.0, 13.4, 0.0, 1.2); (-30.4, 12.0, 0.0, 1.2);
 (-31.8, 10.6, 0.0, 1.2); (-33.2, 9.2, 0.0, 1.2);
 (-35.4, 7.1, 0.0, 1.2); (-38.9, 3.5, 0.0, 1.2);
 (-42.4, 0.0, 0.0, 1.2); (-49.5, -7.1, 0.0, 1.2);
 (-56.6, -14.1, 0.0, 1.2); (-63.6, -21.2, 0.0, 1.2);
 (-70.7, -28.3, 0.0, 1.2); (-77.8, -35.4, 0.0, 1.2);
 (-84.8, -42.4, 0.0, 1.2); (-91.9, -49.5, 0.0, 1.2);
 (56.6, 84.8, 0.0, 1.2); (49.5, 77.8, 0.0, 1.2);
 (42.4, 70.7, 0.0, 1.2); (35.4, 63.6, 0.0, 1.2);
 (28.3, 56.6, 0.0, 1.2); (21.2, 49.5, 0.0, 1.2);
 (14.1, 42.4, 0.0, 1.2); (7.1, 35.4, 0.0, 1.2);
 (3.5, 31.8, 0.0, 1.2); (0.0, 28.3, 0.0, 1.2);

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

(-2.1,	26.2,	0.0,	1.2);	(-3.5,	24.8,	0.0,	1.2);
(-4.9,	23.3,	0.0,	1.2);	(-6.4,	21.9,	0.0,	1.2);
(-7.8,	20.5,	0.0,	1.2);	(-20.5,	7.8,	0.0,	1.2);
(-21.9,	6.4,	0.0,	1.2);	(-23.3,	4.9,	0.0,	1.2);
(-24.8,	3.5,	0.0,	1.2);	(-26.2,	2.1,	0.0,	1.2);
(-28.3,	0.0,	0.0,	1.2);	(-31.8,	-3.5,	0.0,	1.2);
(-35.4,	-7.1,	0.0,	1.2);	(-42.4,	-14.1,	0.0,	1.2);
(-49.5,	-21.2,	0.0,	1.2);	(-56.6,	-28.3,	0.0,	1.2);
(-63.6,	-35.4,	0.0,	1.2);	(-70.7,	-42.4,	0.0,	1.2);
(-77.8,	-49.5,	0.0,	1.2);	(-84.8,	-56.6,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(63.6,	77.8,	0.0,	1.2);	(56.6,	70.7,	0.0,	1.2);
(49.5,	63.6,	0.0,	1.2);	(42.4,	56.6,	0.0,	1.2);
(35.4,	49.5,	0.0,	1.2);	(28.3,	42.4,	0.0,	1.2);
(21.2,	35.4,	0.0,	1.2);	(14.1,	28.3,	0.0,	1.2);
(10.6,	24.8,	0.0,	1.2);	(7.1,	21.2,	0.0,	1.2);
(4.9,	19.1,	0.0,	1.2);	(3.5,	17.7,	0.0,	1.2);
(2.1,	16.3,	0.0,	1.2);	(0.7,	14.9,	0.0,	1.2);
(-0.7,	13.4,	0.0,	1.2);	(-13.4,	0.7,	0.0,	1.2);
(-14.9,	-0.7,	0.0,	1.2);	(-16.3,	-2.1,	0.0,	1.2);
(-17.7,	-3.5,	0.0,	1.2);	(-19.1,	-4.9,	0.0,	1.2);
(-21.2,	-7.1,	0.0,	1.2);	(-24.8,	-10.6,	0.0,	1.2);
(-28.3,	-14.1,	0.0,	1.2);	(-35.4,	-21.2,	0.0,	1.2);
(-42.4,	-28.3,	0.0,	1.2);	(-49.5,	-35.4,	0.0,	1.2);
(-56.6,	-42.4,	0.0,	1.2);	(-63.6,	-49.5,	0.0,	1.2);
(-70.7,	-56.6,	0.0,	1.2);	(-77.8,	-63.6,	0.0,	1.2);
(70.7,	70.7,	0.0,	1.2);	(63.6,	63.6,	0.0,	1.2);
(56.6,	56.6,	0.0,	1.2);	(49.5,	49.5,	0.0,	1.2);
(42.4,	42.4,	0.0,	1.2);	(35.4,	35.4,	0.0,	1.2);
(28.3,	28.3,	0.0,	1.2);	(21.2,	21.2,	0.0,	1.2);
(17.7,	17.7,	0.0,	1.2);	(14.1,	14.1,	0.0,	1.2);
(12.0,	12.0,	0.0,	1.2);	(10.6,	10.6,	0.0,	1.2);
(9.2,	9.2,	0.0,	1.2);	(7.8,	7.8,	0.0,	1.2);
(6.4,	6.4,	0.0,	1.2);	(-6.4,	-6.4,	0.0,	1.2);
(-7.8,	-7.8,	0.0,	1.2);	(-9.2,	-9.2,	0.0,	1.2);
(-10.6,	-10.6,	0.0,	1.2);	(-12.0,	-12.0,	0.0,	1.2);
(-14.1,	-14.1,	0.0,	1.2);	(-17.7,	-17.7,	0.0,	1.2);
(-21.2,	-21.2,	0.0,	1.2);	(-28.3,	-28.3,	0.0,	1.2);

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

(-35.4, -35.4, 0.0, 1.2);	(-42.4, -42.4, 0.0, 1.2);
(-49.5, -49.5, 0.0, 1.2);	(-56.6, -56.6, 0.0, 1.2);
(-63.6, -63.6, 0.0, 1.2);	(-70.7, -70.7, 0.0, 1.2);
(77.8, 63.6, 0.0, 1.2);	(70.7, 56.6, 0.0, 1.2);
(63.6, 49.5, 0.0, 1.2);	(56.6, 42.4, 0.0, 1.2);
(49.5, 35.4, 0.0, 1.2);	(42.4, 28.3, 0.0, 1.2);
(35.4, 21.2, 0.0, 1.2);	(28.3, 14.1, 0.0, 1.2);
(24.8, 10.6, 0.0, 1.2);	(21.2, 7.1, 0.0, 1.2);
(19.1, 4.9, 0.0, 1.2);	(17.7, 3.5, 0.0, 1.2);
(16.3, 2.1, 0.0, 1.2);	(14.9, 0.7, 0.0, 1.2);
(13.4, -0.7, 0.0, 1.2);	(0.7, -13.4, 0.0, 1.2);
(-0.7, -14.9, 0.0, 1.2);	(-2.1, -16.3, 0.0, 1.2);
(-3.5, -17.7, 0.0, 1.2);	(-4.9, -19.1, 0.0, 1.2);
(-7.1, -21.2, 0.0, 1.2);	(-10.6, -24.8, 0.0, 1.2);
(-14.1, -28.3, 0.0, 1.2);	(-21.2, -35.4, 0.0, 1.2);
(-28.3, -42.4, 0.0, 1.2);	(-35.4, -49.5, 0.0, 1.2);
(-42.4, -56.6, 0.0, 1.2);	(-49.5, -63.6, 0.0, 1.2);
(-56.6, -70.7, 0.0, 1.2);	(-63.6, -77.8, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(84.8, 56.6, 0.0, 1.2);	(77.8, 49.5, 0.0, 1.2);
(70.7, 42.4, 0.0, 1.2);	(63.6, 35.4, 0.0, 1.2);
(56.6, 28.3, 0.0, 1.2);	(49.5, 21.2, 0.0, 1.2);
(42.4, 14.1, 0.0, 1.2);	(35.4, 7.1, 0.0, 1.2);
(31.8, 3.5, 0.0, 1.2);	(28.3, 0.0, 0.0, 1.2);
(26.2, -2.1, 0.0, 1.2);	(24.8, -3.5, 0.0, 1.2);
(23.3, -4.9, 0.0, 1.2);	(21.9, -6.4, 0.0, 1.2);
(20.5, -7.8, 0.0, 1.2);	(7.8, -20.5, 0.0, 1.2);
(6.4, -21.9, 0.0, 1.2);	(4.9, -23.3, 0.0, 1.2);
(3.5, -24.8, 0.0, 1.2);	(2.1, -26.2, 0.0, 1.2);
(0.0, -28.3, 0.0, 1.2);	(-3.5, -31.8, 0.0, 1.2);
(-7.1, -35.4, 0.0, 1.2);	(-14.1, -42.4, 0.0, 1.2);
(-21.2, -49.5, 0.0, 1.2);	(-28.3, -56.6, 0.0, 1.2);
(-35.4, -63.6, 0.0, 1.2);	(-42.4, -70.7, 0.0, 1.2);
(-49.5, -77.8, 0.0, 1.2);	(-56.6, -84.8, 0.0, 1.2);
(91.9, 49.5, 0.0, 1.2);	(84.8, 42.4, 0.0, 1.2);
(77.8, 35.4, 0.0, 1.2);	(70.7, 28.3, 0.0, 1.2);
(63.6, 21.2, 0.0, 1.2);	(56.6, 14.1, 0.0, 1.2);
(49.5, 7.1, 0.0, 1.2);	(42.4, 0.0, 0.0, 1.2);

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

(38.9, -3.5, 0.0, 1.2);	(-35.4, -7.1, 0.0, 1.2);
(33.2, -9.2, 0.0, 1.2);	(31.8, -10.6, 0.0, 1.2);
(30.4, -12.0, 0.0, 1.2);	(29.0, -13.4, 0.0, 1.2);
(27.6, -14.9, 0.0, 1.2);	(14.9, -27.6, 0.0, 1.2);
(13.4, -29.0, 0.0, 1.2);	(12.0, -30.4, 0.0, 1.2);
(10.6, -31.8, 0.0, 1.2);	(9.2, -33.2, 0.0, 1.2);
(7.1, -35.4, 0.0, 1.2);	(3.5, -38.9, 0.0, 1.2);
(0.0, -42.4, 0.0, 1.2);	(-7.1, -49.5, 0.0, 1.2);
(-14.1, -56.6, 0.0, 1.2);	(-21.2, -63.6, 0.0, 1.2);
(-28.3, -70.7, 0.0, 1.2);	(-35.4, -77.8, 0.0, 1.2);
(-42.4, -84.8, 0.0, 1.2);	(-49.5, -91.9, 0.0, 1.2);
(99.0, 42.4, 0.0, 1.2);	(91.9, 35.4, 0.0, 1.2);
(84.8, 28.3, 0.0, 1.2);	(77.8, 21.2, 0.0, 1.2);
(70.7, 14.1, 0.0, 1.2);	(63.6, 7.1, 0.0, 1.2);
(56.6, 0.0, 0.0, 1.2);	(49.5, -7.1, 0.0, 1.2);
(46.0, -10.6, 0.0, 1.2);	(42.4, -14.1, 0.0, 1.2);
(40.3, -16.3, 0.0, 1.2);	(38.9, -17.7, 0.0, 1.2);
(37.5, -19.1, 0.0, 1.2);	(36.1, -20.5, 0.0, 1.2);
(34.7, -21.9, 0.0, 1.2);	(21.9, -34.7, 0.0, 1.2);
(20.5, -36.1, 0.0, 1.2);	(19.1, -37.5, 0.0, 1.2);
(17.7, -38.9, 0.0, 1.2);	(16.3, -40.3, 0.0, 1.2);
(14.1, -42.4, 0.0, 1.2);	(10.6, -46.0, 0.0, 1.2);
(7.1, -49.5, 0.0, 1.2);	(0.0, -56.6, 0.0, 1.2);
(-7.1, -63.6, 0.0, 1.2);	(-14.1, -70.7, 0.0, 1.2);
(-21.2, -77.8, 0.0, 1.2);	(-28.3, -84.8, 0.0, 1.2);
(-35.4, -91.9, 0.0, 1.2);	(-42.4, -99.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:47:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(106.1, 35.4, 0.0, 1.2);	(99.0, 28.3, 0.0, 1.2);
(91.9, 21.2, 0.0, 1.2);	(84.8, 14.1, 0.0, 1.2);
(77.8, 7.1, 0.0, 1.2);	(70.7, 0.0, 0.0, 1.2);
(63.6, -7.1, 0.0, 1.2);	(56.6, -14.1, 0.0, 1.2);
(53.0, -17.7, 0.0, 1.2);	(49.5, -21.2, 0.0, 1.2);
(47.4, -23.3, 0.0, 1.2);	(46.0, -24.8, 0.0, 1.2);
(44.5, -26.2, 0.0, 1.2);	(43.1, -27.6, 0.0, 1.2);
(41.7, -29.0, 0.0, 1.2);	(29.0, -41.7, 0.0, 1.2);
(27.6, -43.1, 0.0, 1.2);	(26.2, -44.5, 0.0, 1.2);
(24.8, -46.0, 0.0, 1.2);	(23.3, -47.4, 0.0, 1.2);
(21.2, -49.5, 0.0, 1.2);	(17.7, -53.0, 0.0, 1.2);

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

(14.1,	-56.6,	0.0,	1.2);	(7.1,	-63.6,	0.0,	1.2);
(0.0,	-70.7,	0.0,	1.2);	(-7.1,	-77.8,	0.0,	1.2);
(-14.1,	-84.8,	0.0,	1.2);	(-21.2,	-91.9,	0.0,	1.2);
(-28.3,	-99.0,	0.0,	1.2);	(-35.4,	-106.1,	0.0,	1.2);
(113.1,	28.3,	0.0,	1.2);	(106.1,	21.2,	0.0,	1.2);
(99.0,	14.1,	0.0,	1.2);	(91.9,	7.1,	0.0,	1.2);
(84.8,	0.0,	0.0,	1.2);	(77.8,	-7.1,	0.0,	1.2);
(70.7,	-14.1,	0.0,	1.2);	(63.6,	-21.2,	0.0,	1.2);
(60.1,	-24.8,	0.0,	1.2);	(56.6,	-28.3,	0.0,	1.2);
(54.5,	-30.4,	0.0,	1.2);	(53.0,	-31.8,	0.0,	1.2);
(51.6,	-33.2,	0.0,	1.2);	(50.2,	-34.7,	0.0,	1.2);
(48.8,	-36.1,	0.0,	1.2);	(36.1,	-48.8,	0.0,	1.2);
(34.7,	-50.2,	0.0,	1.2);	(33.2,	-51.6,	0.0,	1.2);
(31.8,	-53.0,	0.0,	1.2);	(30.4,	-54.5,	0.0,	1.2);
(28.3,	-56.6,	0.0,	1.2);	(24.8,	-60.1,	0.0,	1.2);
(21.2,	-63.6,	0.0,	1.2);	(14.1,	-70.7,	0.0,	1.2);
(7.1,	-77.8,	0.0,	1.2);	(0.0,	-84.8,	0.0,	1.2);
(-7.1,	-91.9,	0.0,	1.2);	(-14.1,	-99.0,	0.0,	1.2);
(-21.2,	-106.1,	0.0,	1.2);	(-28.3,	-113.1,	0.0,	1.2);
(120.2,	21.2,	0.0,	1.2);	(113.1,	14.1,	0.0,	1.2);
(106.1,	7.1,	0.0,	1.2);	(99.0,	0.0,	0.0,	1.2);
(91.9,	-7.1,	0.0,	1.2);	(84.8,	-14.1,	0.0,	1.2);
(77.8,	-21.2,	0.0,	1.2);	(70.7,	-28.3,	0.0,	1.2);
(67.2,	-31.8,	0.0,	1.2);	(63.6,	-35.4,	0.0,	1.2);
(61.5,	-37.5,	0.0,	1.2);	(60.1,	-38.9,	0.0,	1.2);
(58.7,	-40.3,	0.0,	1.2);	(57.3,	-41.7,	0.0,	1.2);
(55.9,	-43.1,	0.0,	1.2);	(43.1,	-55.9,	0.0,	1.2);
(41.7,	-57.3,	0.0,	1.2);	(40.3,	-58.7,	0.0,	1.2);
(38.9,	-60.1,	0.0,	1.2);	(37.5,	-61.5,	0.0,	1.2);
(35.4,	-63.6,	0.0,	1.2);	(31.8,	-67.2,	0.0,	1.2);
(28.3,	-70.7,	0.0,	1.2);	(21.2,	-77.8,	0.0,	1.2);
(14.1,	-84.8,	0.0,	1.2);	(7.1,	-91.9,	0.0,	1.2);
(0.0,	-99.0,	0.0,	1.2);	(-7.1,	-106.1,	0.0,	1.2);
(-14.1,	-113.1,	0.0,	1.2);	(-21.2,	-120.2,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:47:39

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(127.3,	14.1,	0.0,	1.2);	(120.2,	7.1,	0.0,	1.2);
(113.1,	0.0,	0.0,	1.2);	(106.1,	-7.1,	0.0,	1.2);
(99.0,	-14.1,	0.0,	1.2);	(91.9,	-21.2,	0.0,	1.2);

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

(84.8, -28.3, 0.0, 1.2);	(77.8, -35.4, 0.0, 1.2);
(74.2, -38.9, 0.0, 1.2);	(70.7, -42.4, 0.0, 1.2);
(68.6, -44.5, 0.0, 1.2);	(67.2, -46.0, 0.0, 1.2);
(65.8, -47.4, 0.0, 1.2);	(64.3, -48.8, 0.0, 1.2);
(62.9, -50.2, 0.0, 1.2);	(50.2, -62.9, 0.0, 1.2);
(48.8, -64.3, 0.0, 1.2);	(47.4, -65.8, 0.0, 1.2);
(46.0, -67.2, 0.0, 1.2);	(44.5, -68.6, 0.0, 1.2);
(42.4, -70.7, 0.0, 1.2);	(38.9, -74.2, 0.0, 1.2);
(35.4, -77.8, 0.0, 1.2);	(28.3, -84.8, 0.0, 1.2);
(21.2, -91.9, 0.0, 1.2);	(14.1, -99.0, 0.0, 1.2);
(7.1, -106.1, 0.0, 1.2);	(0.0, -113.1, 0.0, 1.2);
(-7.1, -120.2, 0.0, 1.2);	(-14.1, -127.3, 0.0, 1.2);
(134.4, 7.1, 0.0, 1.2);	(127.3, 0.0, 0.0, 1.2);
(120.2, -7.1, 0.0, 1.2);	(113.1, -14.1, 0.0, 1.2);
(106.1, -21.2, 0.0, 1.2);	(99.0, -28.3, 0.0, 1.2);
(91.9, -35.4, 0.0, 1.2);	(84.8, -42.4, 0.0, 1.2);
(81.3, -46.0, 0.0, 1.2);	(77.8, -49.5, 0.0, 1.2);
(75.7, -51.6, 0.0, 1.2);	(74.2, -53.0, 0.0, 1.2);
(72.8, -54.5, 0.0, 1.2);	(71.4, -55.9, 0.0, 1.2);
(70.0, -57.3, 0.0, 1.2);	(57.3, -70.0, 0.0, 1.2);
(55.9, -71.4, 0.0, 1.2);	(54.5, -72.8, 0.0, 1.2);
(53.0, -74.2, 0.0, 1.2);	(51.6, -75.7, 0.0, 1.2);
(49.5, -77.8, 0.0, 1.2);	(46.0, -81.3, 0.0, 1.2);
(42.4, -84.8, 0.0, 1.2);	(35.4, -91.9, 0.0, 1.2);
(28.3, -99.0, 0.0, 1.2);	(21.2, -106.1, 0.0, 1.2);
(14.1, -113.1, 0.0, 1.2);	(7.1, -120.2, 0.0, 1.2);
(0.0, -127.3, 0.0, 1.2);	(-7.1, -134.4, 0.0, 1.2);
(141.4, 0.0, 0.0, 1.2);	(134.4, -7.1, 0.0, 1.2);
(127.3, -14.1, 0.0, 1.2);	(120.2, -21.2, 0.0, 1.2);
(113.1, -28.3, 0.0, 1.2);	(106.1, -35.4, 0.0, 1.2);
(99.0, -42.4, 0.0, 1.2);	(91.9, -49.5, 0.0, 1.2);
(88.4, -53.0, 0.0, 1.2);	(84.8, -56.6, 0.0, 1.2);
(82.7, -58.7, 0.0, 1.2);	(81.3, -60.1, 0.0, 1.2);
(79.9, -61.5, 0.0, 1.2);	(78.5, -62.9, 0.0, 1.2);
(77.1, -64.3, 0.0, 1.2);	(64.3, -77.1, 0.0, 1.2);
(62.9, -78.5, 0.0, 1.2);	(61.5, -79.9, 0.0, 1.2);
(60.1, -81.3, 0.0, 1.2);	(58.7, -82.7, 0.0, 1.2);
(56.6, -84.8, 0.0, 1.2);	(53.0, -88.4, 0.0, 1.2);
(49.5, -91.9, 0.0, 1.2);	(42.4, -99.0, 0.0, 1.2);
(35.4, -106.1, 0.0, 1.2);	(28.3, -113.1, 0.0, 1.2);
(21.2, -120.2, 0.0, 1.2);	(14.1, -127.3, 0.0, 1.2);
(7.1, -134.4, 0.0, 1.2);	(0.0, -141.4, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:47:39

**MODELOPTs:
PAGE 16
CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(148.5, -7.1, 0.0, 1.2);	(141.4, -14.1, 0.0, 1.2);
(134.4, -21.2, 0.0, 1.2);	(127.3, -28.3, 0.0, 1.2);
(120.2, -35.4, 0.0, 1.2);	(113.1, -42.4, 0.0, 1.2);
(106.1, -49.5, 0.0, 1.2);	(99.0, -56.6, 0.0, 1.2);
(95.5, -60.1, 0.0, 1.2);	(91.9, -63.6, 0.0, 1.2);
(89.8, -65.8, 0.0, 1.2);	(88.4, -67.2, 0.0, 1.2);
(87.0, -68.6, 0.0, 1.2);	(85.6, -70.0, 0.0, 1.2);
(84.2, -71.4, 0.0, 1.2);	(71.4, -84.2, 0.0, 1.2);
(70.0, -85.6, 0.0, 1.2);	(68.6, -87.0, 0.0, 1.2);
(67.2, -88.4, 0.0, 1.2);	(65.8, -89.8, 0.0, 1.2);
(63.6, -91.9, 0.0, 1.2);	(60.1, -95.5, 0.0, 1.2);
(56.6, -99.0, 0.0, 1.2);	(49.5, -106.1, 0.0, 1.2);
(42.4, -113.1, 0.0, 1.2);	(35.4, -120.2, 0.0, 1.2);
(28.3, -127.3, 0.0, 1.2);	(21.2, -134.4, 0.0, 1.2);
(14.1, -141.4, 0.0, 1.2);	(7.1, -148.5, 0.0, 1.2);
(155.6, -14.1, 0.0, 1.2);	(148.5, -21.2, 0.0, 1.2);
(141.4, -28.3, 0.0, 1.2);	(134.4, -35.4, 0.0, 1.2);
(127.3, -42.4, 0.0, 1.2);	(120.2, -49.5, 0.0, 1.2);
(113.1, -56.6, 0.0, 1.2);	(106.1, -63.6, 0.0, 1.2);
(102.5, -67.2, 0.0, 1.2);	(99.0, -70.7, 0.0, 1.2);
(96.9, -72.8, 0.0, 1.2);	(95.5, -74.2, 0.0, 1.2);
(94.1, -75.7, 0.0, 1.2);	(92.6, -77.1, 0.0, 1.2);
(91.2, -78.5, 0.0, 1.2);	(78.5, -91.2, 0.0, 1.2);
(77.1, -92.6, 0.0, 1.2);	(75.7, -94.1, 0.0, 1.2);
(74.2, -95.5, 0.0, 1.2);	(72.8, -96.9, 0.0, 1.2);
(70.7, -99.0, 0.0, 1.2);	(67.2, -102.5, 0.0, 1.2);
(63.6, -106.1, 0.0, 1.2);	(56.6, -113.1, 0.0, 1.2);
(49.5, -120.2, 0.0, 1.2);	(42.4, -127.3, 0.0, 1.2);
(35.4, -134.4, 0.0, 1.2);	(28.3, -141.4, 0.0, 1.2);
(21.2, -148.5, 0.0, 1.2);	(14.1, -155.6, 0.0, 1.2);
(162.6, -21.2, 0.0, 1.2);	(155.6, -28.3, 0.0, 1.2);
(148.5, -35.4, 0.0, 1.2);	(141.4, -42.4, 0.0, 1.2);
(134.4, -49.5, 0.0, 1.2);	(127.3, -56.6, 0.0, 1.2);
(120.2, -63.6, 0.0, 1.2);	(113.1, -70.7, 0.0, 1.2);
(109.6, -74.2, 0.0, 1.2);	(106.1, -77.8, 0.0, 1.2);
(103.9, -79.9, 0.0, 1.2);	(102.5, -81.3, 0.0, 1.2);
(101.1, -82.7, 0.0, 1.2);	(99.7, -84.2, 0.0, 1.2);
(98.3, -85.6, 0.0, 1.2);	(85.6, -98.3, 0.0, 1.2);
(84.2, -99.7, 0.0, 1.2);	(82.7, -101.1, 0.0, 1.2);

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

(81.3,	-102.5,	0.0,	1.2);	(79.9,	-103.9,	0.0,	1.2);
(77.8,	-106.1,	0.0,	1.2);	(74.2,	-109.6,	0.0,	1.2);
(70.7,	-113.1,	0.0,	1.2);	(63.6,	-120.2,	0.0,	1.2);
(56.6,	-127.3,	0.0,	1.2);	(49.5,	-134.4,	0.0,	1.2);
(42.4,	-141.4,	0.0,	1.2);	(35.4,	-148.5,	0.0,	1.2);
(28.3,	-155.6,	0.0,	1.2);	(21.2,	-162.6,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(169.7,	-28.3,	0.0,	1.2);	(162.6,	-35.4,	0.0,	1.2);
(155.6,	-42.4,	0.0,	1.2);	(148.5,	-49.5,	0.0,	1.2);
(141.4,	-56.6,	0.0,	1.2);	(134.4,	-63.6,	0.0,	1.2);
(127.3,	-70.7,	0.0,	1.2);	(120.2,	-77.8,	0.0,	1.2);
(116.7,	-81.3,	0.0,	1.2);	(113.1,	-84.8,	0.0,	1.2);
(111.0,	-87.0,	0.0,	1.2);	(109.6,	-88.4,	0.0,	1.2);
(108.2,	-89.8,	0.0,	1.2);	(106.8,	-91.2,	0.0,	1.2);
(105.4,	-92.6,	0.0,	1.2);	(92.6,	-105.4,	0.0,	1.2);
(91.2,	-106.8,	0.0,	1.2);	(89.8,	-108.2,	0.0,	1.2);
(88.4,	-109.6,	0.0,	1.2);	(87.0,	-111.0,	0.0,	1.2);
(84.8,	-113.1,	0.0,	1.2);	(81.3,	-116.7,	0.0,	1.2);
(77.8,	-120.2,	0.0,	1.2);	(70.7,	-127.3,	0.0,	1.2);
(63.6,	-134.4,	0.0,	1.2);	(56.6,	-141.4,	0.0,	1.2);
(49.5,	-148.5,	0.0,	1.2);	(42.4,	-155.6,	0.0,	1.2);
(35.4,	-162.6,	0.0,	1.2);	(28.3,	-169.7,	0.0,	1.2);
(176.8,	-35.4,	0.0,	1.2);	(169.7,	-42.4,	0.0,	1.2);
(162.6,	-49.5,	0.0,	1.2);	(155.6,	-56.6,	0.0,	1.2);
(148.5,	-63.6,	0.0,	1.2);	(141.4,	-70.7,	0.0,	1.2);
(134.4,	-77.8,	0.0,	1.2);	(127.3,	-84.8,	0.0,	1.2);
(123.7,	-88.4,	0.0,	1.2);	(120.2,	-91.9,	0.0,	1.2);
(118.1,	-94.1,	0.0,	1.2);	(116.7,	-95.5,	0.0,	1.2);
(115.3,	-96.9,	0.0,	1.2);	(113.8,	-98.3,	0.0,	1.2);
(112.4,	-99.7,	0.0,	1.2);	(99.7,	-112.4,	0.0,	1.2);
(98.3,	-113.8,	0.0,	1.2);	(96.9,	-115.3,	0.0,	1.2);
(95.5,	-116.7,	0.0,	1.2);	(94.1,	-118.1,	0.0,	1.2);
(91.9,	-120.2,	0.0,	1.2);	(88.4,	-123.7,	0.0,	1.2);
(84.8,	-127.3,	0.0,	1.2);	(77.8,	-134.4,	0.0,	1.2);
(70.7,	-141.4,	0.0,	1.2);	(63.6,	-148.5,	0.0,	1.2);
(56.6,	-155.6,	0.0,	1.2);	(49.5,	-162.6,	0.0,	1.2);
(42.4,	-169.7,	0.0,	1.2);	(35.4,	-176.8,	0.0,	1.2);
(183.9,	-42.4,	0.0,	1.2);	(176.8,	-49.5,	0.0,	1.2);

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

(169.7,	-56.6,	0.0,	1.2);	(162.6,	-63.6,	0.0,	1.2);
(155.6,	-70.7,	0.0,	1.2);	(148.5,	-77.8,	0.0,	1.2);
(141.4,	-84.8,	0.0,	1.2);	(134.4,	-91.9,	0.0,	1.2);
(130.8,	-95.5,	0.0,	1.2);	(127.3,	-99.0,	0.0,	1.2);
(125.2,	-101.1,	0.0,	1.2);	(123.7,	-102.5,	0.0,	1.2);
(122.3,	-103.9,	0.0,	1.2);	(120.9,	-105.4,	0.0,	1.2);
(119.5,	-106.8,	0.0,	1.2);	(106.8,	-119.5,	0.0,	1.2);
(105.4,	-120.9,	0.0,	1.2);	(103.9,	-122.3,	0.0,	1.2);
(102.5,	-123.7,	0.0,	1.2);	(101.1,	-125.2,	0.0,	1.2);
(99.0,	-127.3,	0.0,	1.2);	(95.5,	-130.8,	0.0,	1.2);
(91.9,	-134.4,	0.0,	1.2);	(84.8,	-141.4,	0.0,	1.2);
(77.8,	-148.5,	0.0,	1.2);	(70.7,	-155.6,	0.0,	1.2);
(63.6,	-162.6,	0.0,	1.2);	(56.6,	-169.7,	0.0,	1.2);
(49.5,	-176.8,	0.0,	1.2);	(42.4,	-183.9,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:47:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(190.9,	-49.5,	0.0,	1.2);	(183.9,	-56.6,	0.0,	1.2);
(176.8,	-63.6,	0.0,	1.2);	(169.7,	-70.7,	0.0,	1.2);
(162.6,	-77.8,	0.0,	1.2);	(155.6,	-84.8,	0.0,	1.2);
(148.5,	-91.9,	0.0,	1.2);	(141.4,	-99.0,	0.0,	1.2);
(137.9,	-102.5,	0.0,	1.2);	(134.4,	-106.1,	0.0,	1.2);
(132.2,	-108.2,	0.0,	1.2);	(130.8,	-109.6,	0.0,	1.2);
(129.4,	-111.0,	0.0,	1.2);	(128.0,	-112.4,	0.0,	1.2);
(126.6,	-113.8,	0.0,	1.2);	(113.8,	-126.6,	0.0,	1.2);
(112.4,	-128.0,	0.0,	1.2);	(111.0,	-129.4,	0.0,	1.2);
(109.6,	-130.8,	0.0,	1.2);	(108.2,	-132.2,	0.0,	1.2);
(106.1,	-134.4,	0.0,	1.2);	(102.5,	-137.9,	0.0,	1.2);
(99.0,	-141.4,	0.0,	1.2);	(91.9,	-148.5,	0.0,	1.2);
(84.8,	-155.6,	0.0,	1.2);	(77.8,	-162.6,	0.0,	1.2);
(70.7,	-169.7,	0.0,	1.2);	(63.6,	-176.8,	0.0,	1.2);
(56.6,	-183.9,	0.0,	1.2);	(49.5,	-190.9,	0.0,	1.2);
(198.0,	-56.6,	0.0,	1.2);	(190.9,	-63.6,	0.0,	1.2);
(183.9,	-70.7,	0.0,	1.2);	(176.8,	-77.8,	0.0,	1.2);
(169.7,	-84.8,	0.0,	1.2);	(162.6,	-91.9,	0.0,	1.2);
(155.6,	-99.0,	0.0,	1.2);	(148.5,	-106.1,	0.0,	1.2);
(145.0,	-109.6,	0.0,	1.2);	(141.4,	-113.1,	0.0,	1.2);
(139.3,	-115.3,	0.0,	1.2);	(137.9,	-116.7,	0.0,	1.2);
(136.5,	-118.1,	0.0,	1.2);	(135.1,	-119.5,	0.0,	1.2);
(133.6,	-120.9,	0.0,	1.2);	(120.9,	-133.6,	0.0,	1.2);

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

(119.5, -135.1, 0.0, 1.2);	(118.1, -136.5, 0.0, 1.2);
(116.7, -137.9, 0.0, 1.2);	(115.3, -139.3, 0.0, 1.2);
(113.1, -141.4, 0.0, 1.2);	(109.6, -145.0, 0.0, 1.2);
(106.1, -148.5, 0.0, 1.2);	(99.0, -155.6, 0.0, 1.2);
(91.9, -162.6, 0.0, 1.2);	(84.8, -169.7, 0.0, 1.2);
(77.8, -176.8, 0.0, 1.2);	(70.7, -183.9, 0.0, 1.2);
(63.6, -190.9, 0.0, 1.2);	(56.6, -198.0, 0.0, 1.2);
(205.1, -63.6, 0.0, 1.2);	(198.0, -70.7, 0.0, 1.2);
(190.9, -77.8, 0.0, 1.2);	(183.9, -84.8, 0.0, 1.2);
(176.8, -91.9, 0.0, 1.2);	(169.7, -99.0, 0.0, 1.2);
(162.6, -106.1, 0.0, 1.2);	(155.6, -113.1, 0.0, 1.2);
(152.0, -116.7, 0.0, 1.2);	(148.5, -120.2, 0.0, 1.2);
(146.4, -122.3, 0.0, 1.2);	(145.0, -123.7, 0.0, 1.2);
(143.5, -125.2, 0.0, 1.2);	(142.1, -126.6, 0.0, 1.2);
(140.7, -128.0, 0.0, 1.2);	(128.0, -140.7, 0.0, 1.2);
(126.6, -142.1, 0.0, 1.2);	(125.2, -143.5, 0.0, 1.2);
(123.7, -145.0, 0.0, 1.2);	(122.3, -146.4, 0.0, 1.2);
(120.2, -148.5, 0.0, 1.2);	(116.7, -152.0, 0.0, 1.2);
(113.1, -155.6, 0.0, 1.2);	(106.1, -162.6, 0.0, 1.2);
(99.0, -169.7, 0.0, 1.2);	(91.9, -176.8, 0.0, 1.2);
(84.8, -183.9, 0.0, 1.2);	(77.8, -190.9, 0.0, 1.2);
(70.7, -198.0, 0.0, 1.2);	(63.6, -205.1, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:47:39

**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(212.1, -70.7, 0.0, 1.2);	(205.1, -77.8, 0.0, 1.2);
(198.0, -84.8, 0.0, 1.2);	(190.9, -91.9, 0.0, 1.2);
(183.9, -99.0, 0.0, 1.2);	(176.8, -106.1, 0.0, 1.2);
(169.7, -113.1, 0.0, 1.2);	(162.6, -120.2, 0.0, 1.2);
(159.1, -123.7, 0.0, 1.2);	(155.6, -127.3, 0.0, 1.2);
(153.4, -129.4, 0.0, 1.2);	(152.0, -130.8, 0.0, 1.2);
(150.6, -132.2, 0.0, 1.2);	(149.2, -133.6, 0.0, 1.2);
(147.8, -135.1, 0.0, 1.2);	(135.1, -147.8, 0.0, 1.2);
(133.6, -149.2, 0.0, 1.2);	(132.2, -150.6, 0.0, 1.2);
(130.8, -152.0, 0.0, 1.2);	(129.4, -153.4, 0.0, 1.2);
(127.3, -155.6, 0.0, 1.2);	(123.7, -159.1, 0.0, 1.2);
(120.2, -162.6, 0.0, 1.2);	(113.1, -169.7, 0.0, 1.2);
(106.1, -176.8, 0.0, 1.2);	(99.0, -183.9, 0.0, 1.2);
(91.9, -190.9, 0.0, 1.2);	(84.8, -198.0, 0.0, 1.2);
(77.8, -205.1, 0.0, 1.2);	(70.7, -212.1, 0.0, 1.2);

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

(219.2,	-77.8,	0.0,	1.2);	(212.1,	-84.8,	0.0,	1.2);
(205.1,	-91.9,	0.0,	1.2);	(198.0,	-99.0,	0.0,	1.2);
(190.9,	-106.1,	0.0,	1.2);	(183.9,	-113.1,	0.0,	1.2);
(176.8,	-120.2,	0.0,	1.2);	(169.7,	-127.3,	0.0,	1.2);
(166.2,	-130.8,	0.0,	1.2);	(162.6,	-134.4,	0.0,	1.2);
(160.5,	-136.5,	0.0,	1.2);	(159.1,	-137.9,	0.0,	1.2);
(157.7,	-139.3,	0.0,	1.2);	(156.3,	-140.7,	0.0,	1.2);
(154.9,	-142.1,	0.0,	1.2);	(142.1,	-154.9,	0.0,	1.2);
(140.7,	-156.3,	0.0,	1.2);	(139.3,	-157.7,	0.0,	1.2);
(137.9,	-159.1,	0.0,	1.2);	(136.5,	-160.5,	0.0,	1.2);
(134.4,	-162.6,	0.0,	1.2);	(130.8,	-166.2,	0.0,	1.2);
(127.3,	-169.7,	0.0,	1.2);	(120.2,	-176.8,	0.0,	1.2);
(113.1,	-183.9,	0.0,	1.2);	(106.1,	-190.9,	0.0,	1.2);
(99.0,	-198.0,	0.0,	1.2);	(91.9,	-205.1,	0.0,	1.2);
(84.8,	-212.1,	0.0,	1.2);	(77.8,	-219.2,	0.0,	1.2);
(226.3,	-84.8,	0.0,	1.2);	(219.2,	-91.9,	0.0,	1.2);
(212.1,	-99.0,	0.0,	1.2);	(205.1,	-106.1,	0.0,	1.2);
(198.0,	-113.1,	0.0,	1.2);	(190.9,	-120.2,	0.0,	1.2);
(183.9,	-127.3,	0.0,	1.2);	(176.8,	-134.4,	0.0,	1.2);
(173.2,	-137.9,	0.0,	1.2);	(169.7,	-141.4,	0.0,	1.2);
(167.6,	-143.5,	0.0,	1.2);	(166.2,	-145.0,	0.0,	1.2);
(164.8,	-146.4,	0.0,	1.2);	(163.3,	-147.8,	0.0,	1.2);
(161.9,	-149.2,	0.0,	1.2);	(149.2,	-161.9,	0.0,	1.2);
(147.8,	-163.3,	0.0,	1.2);	(146.4,	-164.8,	0.0,	1.2);
(145.0,	-166.2,	0.0,	1.2);	(143.5,	-167.6,	0.0,	1.2);
(141.4,	-169.7,	0.0,	1.2);	(137.9,	-173.2,	0.0,	1.2);
(134.4,	-176.8,	0.0,	1.2);	(127.3,	-183.9,	0.0,	1.2);
(120.2,	-190.9,	0.0,	1.2);	(113.1,	-198.0,	0.0,	1.2);
(106.1,	-205.1,	0.0,	1.2);	(99.0,	-212.1,	0.0,	1.2);
(91.9,	-219.2,	0.0,	1.2);	(84.8,	-226.3,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(233.4,	-91.9,	0.0,	1.2);	(226.3,	-99.0,	0.0,	1.2);
(219.2,	-106.1,	0.0,	1.2);	(212.1,	-113.1,	0.0,	1.2);
(205.1,	-120.2,	0.0,	1.2);	(198.0,	-127.3,	0.0,	1.2);
(190.9,	-134.4,	0.0,	1.2);	(183.9,	-141.4,	0.0,	1.2);
(180.3,	-145.0,	0.0,	1.2);	(176.8,	-148.5,	0.0,	1.2);
(174.7,	-150.6,	0.0,	1.2);	(173.2,	-152.0,	0.0,	1.2);
(171.8,	-153.4,	0.0,	1.2);	(170.4,	-154.9,	0.0,	1.2);

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

(169.0,	-156.3,	0.0,	1.2);	(-156.3,	-169.0,	0.0,	1.2);
(154.9,	-170.4,	0.0,	1.2);	(153.4,	-171.8,	0.0,	1.2);
(152.0,	-173.2,	0.0,	1.2);	(150.6,	-174.7,	0.0,	1.2);
(148.5,	-176.8,	0.0,	1.2);	(145.0,	-180.3,	0.0,	1.2);
(141.4,	-183.9,	0.0,	1.2);	(134.4,	-190.9,	0.0,	1.2);
(127.3,	-198.0,	0.0,	1.2);	(120.2,	-205.1,	0.0,	1.2);
(113.1,	-212.1,	0.0,	1.2);	(106.1,	-219.2,	0.0,	1.2);
(99.0,	-226.3,	0.0,	1.2);	(91.9,	-233.4,	0.0,	1.2);
(240.4,	-99.0,	0.0,	1.2);	(233.4,	-106.1,	0.0,	1.2);
(226.3,	-113.1,	0.0,	1.2);	(219.2,	-120.2,	0.0,	1.2);
(212.1,	-127.3,	0.0,	1.2);	(205.1,	-134.4,	0.0,	1.2);
(198.0,	-141.4,	0.0,	1.2);	(190.9,	-148.5,	0.0,	1.2);
(187.4,	-152.0,	0.0,	1.2);	(183.9,	-155.6,	0.0,	1.2);
(181.7,	-157.7,	0.0,	1.2);	(180.3,	-159.1,	0.0,	1.2);
(178.9,	-160.5,	0.0,	1.2);	(177.5,	-161.9,	0.0,	1.2);
(176.1,	-163.3,	0.0,	1.2);	(163.3,	-176.1,	0.0,	1.2);
(161.9,	-177.5,	0.0,	1.2);	(160.5,	-178.9,	0.0,	1.2);
(159.1,	-180.3,	0.0,	1.2);	(157.7,	-181.7,	0.0,	1.2);
(155.6,	-183.9,	0.0,	1.2);	(152.0,	-187.4,	0.0,	1.2);
(148.5,	-190.9,	0.0,	1.2);	(141.4,	-198.0,	0.0,	1.2);
(134.4,	-205.1,	0.0,	1.2);	(127.3,	-212.1,	0.0,	1.2);
(120.2,	-219.2,	0.0,	1.2);	(113.1,	-226.3,	0.0,	1.2);
(106.1,	-233.4,	0.0,	1.2);	(99.0,	-240.4,	0.0,	1.2);
(247.5,	-106.1,	0.0,	1.2);	(240.4,	-113.1,	0.0,	1.2);
(233.4,	-120.2,	0.0,	1.2);	(226.3,	-127.3,	0.0,	1.2);
(219.2,	-134.4,	0.0,	1.2);	(212.1,	-141.4,	0.0,	1.2);
(205.1,	-148.5,	0.0,	1.2);	(198.0,	-155.6,	0.0,	1.2);
(194.4,	-159.1,	0.0,	1.2);	(190.9,	-162.6,	0.0,	1.2);
(188.8,	-164.8,	0.0,	1.2);	(187.4,	-166.2,	0.0,	1.2);
(186.0,	-167.6,	0.0,	1.2);	(184.6,	-169.0,	0.0,	1.2);
(183.1,	-170.4,	0.0,	1.2);	(170.4,	-183.1,	0.0,	1.2);
(169.0,	-184.6,	0.0,	1.2);	(167.6,	-186.0,	0.0,	1.2);
(166.2,	-187.4,	0.0,	1.2);	(164.8,	-188.8,	0.0,	1.2);
(162.6,	-190.9,	0.0,	1.2);	(159.1,	-194.4,	0.0,	1.2);
(155.6,	-198.0,	0.0,	1.2);	(148.5,	-205.1,	0.0,	1.2);
(141.4,	-212.1,	0.0,	1.2);	(134.4,	-219.2,	0.0,	1.2);
(127.3,	-226.3,	0.0,	1.2);	(120.2,	-233.4,	0.0,	1.2);
(113.1,	-240.4,	0.0,	1.2);	(106.1,	-247.5,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:47:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
97	01	01	01	1.0	3.40	288.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	02	14.0	3.58	288.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	03	18.0	3.40	288.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	04	11.0	3.80	288.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	05	28.0	3.67	288.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	06	39.0	3.93	288.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	07	47.0	3.89	288.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	08	50.0	3.31	287.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	09	45.0	3.13	287.7	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	10	17.0	3.93	287.9	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	11	29.0	3.89	288.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	12	26.0	3.93	288.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	13	15.0	2.55	288.1	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	14	13.0	2.95	288.2	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	15	35.0	3.58	288.2	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	16	32.0	3.08	288.4	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	17	23.0	2.95	288.2	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	18	16.0	2.73	287.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	19	22.0	2.68	287.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	20	17.0	2.24	287.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	21	16.0	2.24	287.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	22	16.0	2.19	287.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	23	24.0	2.28	287.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	24	11.0	2.28	287.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00006	-113.14	240.42	0.00006
-120.21	233.35	0.00005	-127.28	226.27	0.00005
-134.35	219.20	0.00005	-141.42	212.13	0.00005
-148.49	205.06	0.00005	-155.56	197.99	0.00005
-159.10	194.45	0.00005	-162.63	190.92	0.00005
-164.76	188.80	0.00004	-166.17	187.38	0.00004
-167.58	185.97	0.00004	-169.00	184.55	0.00004
-170.41	183.14	0.00004	-183.14	170.41	0.00004
-184.55	169.00	0.00004	-185.97	167.58	0.00004
-187.38	166.17	0.00004	-188.80	164.76	0.00004
-190.92	162.63	0.00004	-194.45	159.10	0.00004
-197.99	155.56	0.00004	-205.06	148.49	0.00004
-212.13	141.42	0.00004	-219.20	134.35	0.00004
-226.27	127.28	0.00004	-233.35	120.21	0.00004
-240.42	113.14	0.00004	-247.49	106.07	0.00004
-98.99	240.42	0.00006	-106.07	233.35	0.00006
-113.14	226.27	0.00006	-120.21	219.20	0.00006

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-127.28	212.13	0.00005	-134.35	205.06	0.00005
-141.42	197.99	0.00005	-148.49	190.92	0.00005
-152.03	187.38	0.00005	-155.56	183.85	0.00005
-157.68	181.73	0.00005	-159.10	180.31	0.00005
-160.51	178.90	0.00005	-161.93	177.48	0.00005
-163.34	176.07	0.00005	-176.07	163.34	0.00004
-177.48	161.93	0.00004	-178.90	160.51	0.00004
-180.31	159.10	0.00004	-181.73	157.68	0.00004
-183.85	155.56	0.00004	-187.38	152.03	0.00004
-190.92	148.49	0.00004	-197.99	141.42	0.00004
-205.06	134.35	0.00004	-212.13	127.28	0.00004
-219.20	120.21	0.00004	-226.27	113.14	0.00004
-233.35	106.07	0.00004	-240.42	98.99	0.00004
-91.92	233.35	0.00006	-99.00	226.27	0.00006
-106.07	219.20	0.00006	-113.14	212.13	0.00006
-120.21	205.06	0.00006	-127.28	197.99	0.00005
-134.35	190.92	0.00005	-141.42	183.85	0.00005
-144.96	180.31	0.00005	-148.49	176.78	0.00005
-150.61	174.66	0.00005	-152.03	173.24	0.00005
-153.44	171.83	0.00005	-154.86	170.41	0.00005
-156.27	169.00	0.00005	-169.00	156.27	0.00005
-170.41	154.86	0.00005	-171.83	153.44	0.00004
-173.24	152.03	0.00004	-174.66	150.61	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00004	-180.31	144.96	0.00004
-183.85	141.42	0.00004	-190.92	134.35	0.00004
-197.99	127.28	0.00004	-205.06	120.21	0.00004
-212.13	113.14	0.00004	-219.20	106.07	0.00004
-226.27	98.99	0.00004	-233.35	91.92	0.00004
-84.85	226.27	0.00007	-91.92	219.20	0.00007
-99.00	212.13	0.00006	-106.07	205.06	0.00006
-113.14	197.99	0.00006	-120.21	190.92	0.00006
-127.28	183.85	0.00006	-134.35	176.78	0.00005
-137.89	173.24	0.00005	-141.42	169.71	0.00005
-143.54	167.58	0.00005	-144.96	166.17	0.00005

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-146.37	164.76	0.00005	-147.79	163.34	0.00005
-149.20	161.93	0.00005	-161.93	149.20	0.00005
-163.34	147.79	0.00005	-164.76	146.37	0.00005
-166.17	144.96	0.00005	-167.58	143.54	0.00005
-169.71	141.42	0.00005	-173.24	137.89	0.00005
-176.78	134.35	0.00005	-183.85	127.28	0.00004
-190.92	120.21	0.00004	-197.99	113.14	0.00004
-205.06	106.07	0.00004	-212.13	98.99	0.00004
-219.20	91.92	0.00004	-226.27	84.85	0.00004
-77.78	219.20	0.00007	-84.85	212.13	0.00007
-91.92	205.06	0.00007	-99.00	197.99	0.00006
-106.07	190.92	0.00006	-113.14	183.85	0.00006
-120.21	176.78	0.00006	-127.28	169.71	0.00006
-130.81	166.17	0.00006	-134.35	162.63	0.00005
-136.47	160.51	0.00005	-137.89	159.10	0.00005
-139.30	157.68	0.00005	-140.71	156.27	0.00005
-142.13	154.86	0.00005	-154.86	142.13	0.00005
-156.27	140.71	0.00005	-157.68	139.30	0.00005
-159.10	137.89	0.00005	-160.51	136.47	0.00005
-162.63	134.35	0.00005	-166.17	130.81	0.00005
-169.71	127.28	0.00005	-176.78	120.21	0.00005
-183.85	113.14	0.00005	-190.92	106.07	0.00004
-197.99	98.99	0.00004	-205.06	91.92	0.00004
-212.13	84.85	0.00004	-219.20	77.78	0.00004
-70.71	212.13	0.00008	-77.78	205.06	0.00007
-84.85	197.99	0.00007	-91.92	190.92	0.00007
-98.99	183.85	0.00007	-106.07	176.78	0.00006
-113.14	169.71	0.00006	-120.21	162.63	0.00006
-123.74	159.10	0.00006	-127.28	155.56	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00006	-130.81	152.03	0.00006
-132.23	150.61	0.00006	-133.64	149.20	0.00006
-135.06	147.79	0.00006	-147.79	135.06	0.00005
-149.20	133.64	0.00005	-150.61	132.23	0.00005
-152.03	130.81	0.00005	-153.44	129.40	0.00005

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-155.56	127.28	0.00005	-159.10	123.74	0.00005
-162.63	120.21	0.00005	-169.71	113.14	0.00005
-176.78	106.07	0.00005	-183.85	98.99	0.00005
-190.92	91.92	0.00005	-197.99	84.85	0.00005
-205.06	77.78	0.00005	-212.13	70.71	0.00005
-63.64	205.06	0.00008	-70.71	197.99	0.00008
-77.78	190.92	0.00007	-84.85	183.85	0.00007
-91.92	176.78	0.00007	-98.99	169.71	0.00007
-106.07	162.63	0.00006	-113.14	155.56	0.00006
-116.67	152.03	0.00006	-120.21	148.49	0.00006
-122.33	146.37	0.00006	-123.74	144.96	0.00006
-125.16	143.54	0.00006	-126.57	142.13	0.00006
-127.99	140.71	0.00006	-140.71	127.99	0.00005
-142.13	126.57	0.00005	-143.54	125.16	0.00005
-144.96	123.74	0.00005	-146.37	122.33	0.00005
-148.49	120.21	0.00005	-152.03	116.67	0.00005
-155.56	113.14	0.00005	-162.63	106.07	0.00005
-169.71	98.99	0.00005	-176.78	91.92	0.00005
-183.85	84.85	0.00005	-190.92	77.78	0.00005
-197.99	70.71	0.00005	-205.06	63.64	0.00005
-56.57	197.99	0.00008	-63.64	190.92	0.00008
-70.71	183.85	0.00008	-77.78	176.78	0.00008
-84.85	169.71	0.00007	-91.92	162.63	0.00007
-98.99	155.56	0.00007	-106.07	148.49	0.00007
-109.60	144.96	0.00006	-113.14	141.42	0.00006
-115.26	139.30	0.00006	-116.67	137.89	0.00006
-118.09	136.47	0.00006	-119.50	135.06	0.00006
-120.92	133.64	0.00006	-133.64	120.92	0.00006
-135.06	119.50	0.00006	-136.47	118.09	0.00006
-137.89	116.67	0.00006	-139.30	115.26	0.00006
-141.42	113.14	0.00006	-144.96	109.60	0.00005
-148.49	106.07	0.00005	-155.56	98.99	0.00005
-162.63	91.92	0.00005	-169.71	84.85	0.00005
-176.78	77.78	0.00005	-183.85	70.71	0.00005
-190.92	63.64	0.00005	-197.99	56.57	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***
 18:47:39
 **MODELOPTS:
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 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

		18NCRA NAPA97-300_DPM_TRAV_ANN_SE-NW Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00009	-56.57	183.85	0.00009
-63.64	176.78	0.00008	-70.71	169.71	0.00008
-77.78	162.63	0.00008	-84.85	155.56	0.00008
-91.92	148.49	0.00007	-98.99	141.42	0.00007
-102.53	137.89	0.00007	-106.07	134.35	0.00007
-108.19	132.23	0.00007	-109.60	130.81	0.00007
-111.02	129.40	0.00007	-112.43	127.99	0.00006
-113.84	126.57	0.00006	-126.57	113.84	0.00006
-127.99	112.43	0.00006	-129.40	111.02	0.00006
-130.81	109.60	0.00006	-132.23	108.19	0.00006
-134.35	106.07	0.00006	-137.89	102.53	0.00006
-141.42	98.99	0.00006	-148.49	91.92	0.00006
-155.56	84.85	0.00005	-162.63	77.78	0.00005
-169.71	70.71	0.00005	-176.78	63.64	0.00005
-183.85	56.57	0.00005	-190.92	49.50	0.00005
-42.43	183.85	0.00010	-49.50	176.78	0.00009
-56.57	169.71	0.00009	-63.64	162.63	0.00009
-70.71	155.56	0.00008	-77.78	148.49	0.00008
-84.85	141.42	0.00008	-91.92	134.35	0.00007
-95.46	130.81	0.00007	-98.99	127.28	0.00007
-101.12	125.16	0.00007	-102.53	123.74	0.00007
-103.94	122.33	0.00007	-105.36	120.92	0.00007
-106.77	119.50	0.00007	-119.50	106.77	0.00006
-120.92	105.36	0.00006	-122.33	103.94	0.00006
-123.74	102.53	0.00006	-125.16	101.12	0.00006
-127.28	98.99	0.00006	-130.81	95.46	0.00006
-134.35	91.92	0.00006	-141.42	84.85	0.00006
-148.49	77.78	0.00006	-155.56	70.71	0.00006
-162.63	63.64	0.00006	-169.71	56.57	0.00006
-176.78	49.50	0.00006	-183.85	42.43	0.00006
-35.36	176.78	0.00010	-42.43	169.71	0.00010
-49.50	162.63	0.00010	-56.57	155.56	0.00009
-63.64	148.49	0.00009	-70.71	141.42	0.00008
-77.78	134.35	0.00008	-84.85	127.28	0.00008
-88.39	123.74	0.00008	-91.92	120.21	0.00007
-94.05	118.09	0.00007	-95.46	116.67	0.00007
-96.87	115.26	0.00007	-98.29	113.84	0.00007
-99.70	112.43	0.00007	-112.43	99.70	0.00007
-113.84	98.29	0.00007	-115.26	96.87	0.00007
-116.67	95.46	0.00007	-118.09	94.05	0.00007

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:47:39

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00007	-123.74	88.39	0.00006
-127.28	84.85	0.00006	-134.35	77.78	0.00006
-141.42	70.71	0.00006	-148.49	63.64	0.00006
-155.56	56.57	0.00006	-162.63	49.50	0.00006
-169.71	42.43	0.00006	-176.78	35.36	0.00006
-28.28	169.71	0.00011	-35.36	162.63	0.00011
-42.43	155.56	0.00010	-49.50	148.49	0.00010
-56.57	141.42	0.00009	-63.64	134.35	0.00009
-70.71	127.28	0.00009	-77.78	120.21	0.00008
-81.32	116.67	0.00008	-84.85	113.14	0.00008
-86.97	111.02	0.00008	-88.39	109.60	0.00008
-89.80	108.19	0.00008	-91.22	106.77	0.00008
-92.63	105.36	0.00008	-105.36	92.63	0.00007
-106.77	91.22	0.00007	-108.19	89.80	0.00007
-109.60	88.39	0.00007	-111.02	86.97	0.00007
-113.14	84.85	0.00007	-116.67	81.32	0.00007
-120.21	77.78	0.00007	-127.28	70.71	0.00007
-134.35	63.64	0.00006	-141.42	56.57	0.00006
-148.49	49.50	0.00006	-155.56	42.43	0.00006
-162.63	35.36	0.00006	-169.71	28.28	0.00006
-21.21	162.63	0.00012	-28.28	155.56	0.00011
-35.36	148.49	0.00011	-42.43	141.42	0.00011
-49.50	134.35	0.00010	-56.57	127.28	0.00010
-63.64	120.21	0.00009	-70.71	113.14	0.00009
-74.25	109.60	0.00009	-77.78	106.07	0.00008
-79.90	103.94	0.00008	-81.32	102.53	0.00008
-82.73	101.12	0.00008	-84.15	99.70	0.00008
-85.56	98.29	0.00008	-98.29	85.56	0.00008
-99.70	84.15	0.00007	-101.12	82.73	0.00007
-102.53	81.32	0.00007	-103.94	79.90	0.00007
-106.07	77.78	0.00007	-109.60	74.25	0.00007
-113.14	70.71	0.00007	-120.21	63.64	0.00007
-127.28	56.57	0.00007	-134.35	49.50	0.00007
-141.42	42.43	0.00007	-148.49	35.36	0.00007
-155.56	28.28	0.00007	-162.63	21.21	0.00007
-14.14	155.56	0.00013	-21.21	148.49	0.00012
-28.28	141.42	0.00012	-35.36	134.35	0.00011

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-42.43	127.28	0.00011	-49.50	120.21	0.00010
-56.57	113.14	0.00010	-63.64	106.07	0.00009
-67.18	102.53	0.00009	-70.71	98.99	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00009	-74.25	95.46	0.00009
-75.66	94.05	0.00009	-77.07	92.63	0.00009
-78.49	91.22	0.00009	-91.22	78.49	0.00008
-92.63	77.07	0.00008	-94.05	75.66	0.00008
-95.46	74.25	0.00008	-96.87	72.83	0.00008
-98.99	70.71	0.00008	-102.53	67.18	0.00008
-106.07	63.64	0.00007	-113.14	56.57	0.00007
-120.21	49.50	0.00007	-127.28	42.43	0.00007
-134.35	35.36	0.00007	-141.42	28.28	0.00007
-148.49	21.21	0.00007	-155.56	14.14	0.00007
-7.07	148.49	0.00014	-14.14	141.42	0.00013
-21.21	134.35	0.00013	-28.28	127.28	0.00012
-35.36	120.21	0.00012	-42.43	113.14	0.00011
-49.50	106.07	0.00011	-56.57	98.99	0.00010
-60.10	95.46	0.00010	-63.64	91.92	0.00010
-65.76	89.80	0.00010	-67.18	88.39	0.00009
-68.59	86.97	0.00009	-70.00	85.56	0.00009
-71.42	84.15	0.00009	-84.15	71.42	0.00009
-85.56	70.00	0.00008	-86.97	68.59	0.00008
-88.39	67.18	0.00008	-89.80	65.76	0.00008
-91.92	63.64	0.00008	-95.46	60.10	0.00008
-98.99	56.57	0.00008	-106.07	49.50	0.00008
-113.14	42.43	0.00008	-120.21	35.36	0.00008
-127.28	28.28	0.00007	-134.35	21.21	0.00007
-141.42	14.14	0.00007	-148.49	7.07	0.00008
0.00	141.42	0.00015	-7.07	134.35	0.00015
-14.14	127.28	0.00014	-21.21	120.21	0.00013
-28.28	113.14	0.00013	-35.36	106.07	0.00012
-42.43	98.99	0.00011	-49.50	91.92	0.00011
-53.03	88.39	0.00011	-56.57	84.85	0.00010
-58.69	82.73	0.00010	-60.10	81.32	0.00010

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-61.52	79.90	0.00010	-62.93	78.49	0.00010
-64.35	77.07	0.00010	-77.07	64.35	0.00009
-78.49	62.93	0.00009	-79.90	61.52	0.00009
-81.32	60.10	0.00009	-82.73	58.69	0.00009
-84.85	56.57	0.00009	-88.39	53.03	0.00009
-91.92	49.50	0.00008	-98.99	42.43	0.00008
-106.07	35.36	0.00008	-113.14	28.28	0.00008
-120.21	21.21	0.00008	-127.28	14.14	0.00008
-134.35	7.07	0.00008	-141.42	0.00	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00017	0.00	127.28	0.00016
-7.07	120.21	0.00015	-14.14	113.14	0.00014
-21.21	106.07	0.00014	-28.28	98.99	0.00013
-35.36	91.92	0.00012	-42.43	84.85	0.00012
-45.96	81.32	0.00011	-49.50	77.78	0.00011
-51.62	75.66	0.00011	-53.03	74.25	0.00011
-54.45	72.83	0.00011	-55.86	71.42	0.00011
-57.28	70.00	0.00011	-70.00	57.28	0.00010
-71.42	55.86	0.00010	-72.83	54.45	0.00010
-74.25	53.03	0.00009	-75.66	51.62	0.00009
-77.78	49.50	0.00009	-81.32	45.96	0.00009
-84.85	42.43	0.00009	-91.92	35.36	0.00009
-98.99	28.28	0.00009	-106.07	21.21	0.00009
-113.14	14.14	0.00008	-120.21	7.07	0.00009
-127.28	0.00	0.00009	-134.35	-7.07	0.00009
14.14	127.28	0.00019	7.07	120.21	0.00018
0.00	113.14	0.00017	-7.07	106.07	0.00016
-14.14	98.99	0.00015	-21.21	91.92	0.00014
-28.28	84.85	0.00013	-35.36	77.78	0.00013
-38.89	74.25	0.00012	-42.43	70.71	0.00012
-44.55	68.59	0.00012	-45.96	67.18	0.00012
-47.38	65.76	0.00012	-48.79	64.35	0.00011
-50.20	62.93	0.00011	-62.93	50.20	0.00010
-64.35	48.79	0.00010	-65.76	47.38	0.00010
-67.18	45.96	0.00010	-68.59	44.55	0.00010

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	42.43	0.00010	-74.25	38.89	0.00010
-77.78	35.36	0.00010	-84.85	28.28	0.00009
-91.92	21.21	0.00009	-98.99	14.14	0.00009
-106.07	7.07	0.00009	-113.14	0.00	0.00009
-120.21	-7.07	0.00009	-127.28	-14.14	0.00010
21.21	120.21	0.00021	14.14	113.14	0.00019
7.07	106.07	0.00018	0.00	98.99	0.00017
-7.07	91.92	0.00016	-14.14	84.85	0.00015
-21.21	77.78	0.00014	-28.28	70.71	0.00014
-31.82	67.18	0.00013	-35.36	63.64	0.00013
-37.48	61.52	0.00013	-38.89	60.10	0.00013
-40.31	58.69	0.00012	-41.72	57.28	0.00012
-43.13	55.86	0.00012	-55.86	43.13	0.00011
-57.28	41.72	0.00011	-58.69	40.31	0.00011
-60.10	38.89	0.00011	-61.52	37.48	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00011	-67.18	31.82	0.00011
-70.71	28.28	0.00010	-77.78	21.21	0.00010
-84.85	14.14	0.00010	-91.92	7.07	0.00010
-98.99	0.00	0.00010	-106.07	-7.07	0.00010
-113.14	-14.14	0.00010	-120.21	-21.21	0.00011
28.28	113.14	0.00023	21.21	106.07	0.00022
14.14	98.99	0.00020	7.07	91.92	0.00019
0.00	84.85	0.00018	-7.07	77.78	0.00017
-14.14	70.71	0.00016	-21.21	63.64	0.00015
-24.75	60.10	0.00014	-28.28	56.57	0.00014
-30.41	54.45	0.00014	-31.82	53.03	0.00014
-33.23	51.62	0.00013	-34.65	50.20	0.00013
-36.06	48.79	0.00013	-48.79	36.06	0.00012
-50.20	34.65	0.00012	-51.62	33.23	0.00012
-53.03	31.82	0.00012	-54.45	30.41	0.00012
-56.57	28.28	0.00011	-60.10	24.75	0.00011
-63.64	21.21	0.00011	-70.71	14.14	0.00011
-77.78	7.07	0.00011	-84.85	0.00	0.00011
-91.92	-7.07	0.00011	-98.99	-14.14	0.00011

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	-21.21	0.00011	-113.14	-28.28	0.00012
35.36	106.07	0.00026	28.28	98.99	0.00024
21.21	91.92	0.00022	14.14	84.85	0.00021
7.07	77.78	0.00020	0.00	70.71	0.00018
-7.07	63.64	0.00017	-14.14	56.57	0.00016
-17.68	53.03	0.00016	-21.21	49.50	0.00015
-23.33	47.38	0.00015	-24.75	45.96	0.00015
-26.16	44.55	0.00015	-27.58	43.13	0.00014
-28.99	41.72	0.00014	-41.72	28.99	0.00013
-43.13	27.58	0.00013	-44.55	26.16	0.00013
-45.96	24.75	0.00013	-47.38	23.33	0.00013
-49.50	21.21	0.00012	-53.03	17.68	0.00012
-56.57	14.14	0.00012	-63.64	7.07	0.00012
-70.71	0.00	0.00011	-77.78	-7.07	0.00011
-84.85	-14.14	0.00012	-91.92	-21.21	0.00012
-98.99	-28.28	0.00012	-106.07	-35.36	0.00013
42.43	98.99	0.00029	35.36	91.92	0.00027
28.28	84.85	0.00025	21.21	77.78	0.00023
14.14	70.71	0.00022	7.07	63.64	0.00020
0.00	56.57	0.00019	-7.07	49.50	0.00018
-10.61	45.96	0.00017	-14.14	42.43	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00016	-17.68	38.89	0.00016
-19.09	37.48	0.00016	-20.51	36.06	0.00016
-21.92	34.65	0.00016	-34.65	21.92	0.00014
-36.06	20.51	0.00014	-37.48	19.09	0.00014
-38.89	17.68	0.00014	-40.31	16.26	0.00014
-42.43	14.14	0.00013	-45.96	10.61	0.00013
-49.50	7.07	0.00013	-56.57	0.00	0.00013
-63.64	-7.07	0.00012	-70.71	-14.14	0.00012
-77.78	-21.21	0.00013	-84.85	-28.28	0.00013
-91.92	-35.36	0.00013	-98.99	-42.43	0.00014
49.50	91.92	0.00033	42.43	84.85	0.00031
35.36	77.78	0.00028	28.28	70.71	0.00026
21.21	63.64	0.00024	14.14	56.57	0.00023

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

7.07	49.50	0.00021	0.00	42.43	0.00020
-3.54	38.89	0.00019	-7.07	35.36	0.00018
-9.19	33.23	0.00018	-10.61	31.82	0.00018
-12.02	30.41	0.00017	-13.44	28.99	0.00017
-14.85	27.58	0.00017	-27.58	14.85	0.00015
-28.99	13.44	0.00015	-30.41	12.02	0.00015
-31.82	10.61	0.00015	-33.23	9.19	0.00015
-35.36	7.07	0.00015	-38.89	3.54	0.00014
-42.43	0.00	0.00014	-49.50	-7.07	0.00014
-56.57	-14.14	0.00014	-63.64	-21.21	0.00014
-70.71	-28.28	0.00014	-77.78	-35.36	0.00014
-84.85	-42.43	0.00015	-91.92	-49.50	0.00015
56.57	84.85	0.00038	49.50	77.78	0.00035
42.43	70.71	0.00032	35.36	63.64	0.00030
28.28	56.57	0.00027	21.21	49.50	0.00025
14.14	42.43	0.00024	7.07	35.36	0.00022
3.54	31.82	0.00021	0.00	28.28	0.00020
-2.12	26.16	0.00020	-3.54	24.75	0.00020
-4.95	23.33	0.00019	-6.36	21.92	0.00019
-7.78	20.51	0.00019	-20.51	7.78	0.00017
-21.92	6.36	0.00017	-23.33	4.95	0.00016
-24.75	3.54	0.00016	-26.16	2.12	0.00016
-28.28	0.00	0.00016	-31.82	-3.54	0.00016
-35.36	-7.07	0.00015	-42.43	-14.14	0.00015
-49.50	-21.21	0.00015	-56.57	-28.28	0.00015
-63.64	-35.36	0.00015	-70.71	-42.43	0.00016
-77.78	-49.50	0.00017	-84.85	-56.57	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
 PAGE 32
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00043	56.57	70.71	0.00040
49.50	63.64	0.00037	42.43	56.57	0.00034
35.36	49.50	0.00031	28.28	42.43	0.00029
21.21	35.36	0.00026	14.14	28.28	0.00024
10.61	24.75	0.00023	7.07	21.21	0.00023
4.95	19.09	0.00022	3.54	17.68	0.00022
2.12	16.26	0.00021	0.71	14.85	0.00021

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-0.71	13.44	0.00021	-13.44	0.71	0.00018
-14.85	-0.71	0.00018	-16.26	-2.12	0.00018
-17.68	-3.54	0.00018	-19.09	-4.95	0.00018
-21.21	-7.07	0.00017	-24.75	-10.61	0.00017
-28.28	-14.14	0.00017	-35.36	-21.21	0.00016
-42.43	-28.28	0.00016	-49.50	-35.36	0.00017
-56.57	-42.43	0.00017	-63.64	-49.50	0.00018
-70.71	-56.57	0.00019	-77.78	-63.64	0.00019
70.71	70.71	0.00049	63.64	63.64	0.00047
56.57	56.57	0.00043	49.50	49.50	0.00039
42.43	42.43	0.00036	35.36	35.36	0.00033
28.28	28.28	0.00030	21.21	21.21	0.00027
17.68	17.68	0.00026	14.14	14.14	0.00025
12.02	12.02	0.00025	10.61	10.61	0.00024
9.19	9.19	0.00024	7.78	7.78	0.00023
6.36	6.36	0.00023	-6.36	-6.36	0.00020
-7.78	-7.78	0.00020	-9.19	-9.19	0.00020
-10.61	-10.61	0.00020	-12.02	-12.02	0.00019
-14.14	-14.14	0.00019	-17.68	-17.68	0.00019
-21.21	-21.21	0.00018	-28.28	-28.28	0.00018
-35.36	-35.36	0.00018	-42.43	-42.43	0.00019
-49.50	-49.50	0.00019	-56.57	-56.57	0.00020
-63.64	-63.64	0.00021	-70.71	-70.71	0.00021
77.78	63.64	0.00057	70.71	56.57	0.00054
63.64	49.50	0.00050	56.57	42.43	0.00046
49.50	35.36	0.00042	42.43	28.28	0.00038
35.36	21.21	0.00034	28.28	14.14	0.00031
24.75	10.61	0.00030	21.21	7.07	0.00028
19.09	4.95	0.00028	17.68	3.54	0.00027
16.26	2.12	0.00027	14.85	0.71	0.00026
13.44	-0.71	0.00026	0.71	-13.44	0.00022
-0.71	-14.85	0.00022	-2.12	-16.26	0.00022
-3.54	-17.68	0.00022	-4.95	-19.09	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
 PAGE 33
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00021	-10.61	-24.75	0.00021

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-14.14	-28.28	0.00020	-21.21	-35.36	0.00020
-28.28	-42.43	0.00020	-35.36	-49.50	0.00021
-42.43	-56.57	0.00022	-49.50	-63.64	0.00023
-56.57	-70.71	0.00024	-63.64	-77.78	0.00024
84.85	56.57	0.00065	77.78	49.50	0.00063
70.71	42.43	0.00059	63.64	35.36	0.00054
56.57	28.28	0.00049	49.50	21.21	0.00044
42.43	14.14	0.00039	35.36	7.07	0.00036
31.82	3.54	0.00034	28.28	0.00	0.00032
26.16	-2.12	0.00031	24.75	-3.54	0.00031
23.33	-4.95	0.00030	21.92	-6.36	0.00030
20.51	-7.78	0.00029	7.78	-20.51	0.00025
6.36	-21.92	0.00025	4.95	-23.33	0.00024
3.54	-24.75	0.00024	2.12	-26.16	0.00024
0.00	-28.28	0.00024	-3.54	-31.82	0.00023
-7.07	-35.36	0.00023	-14.14	-42.43	0.00023
-21.21	-49.50	0.00023	-28.28	-56.57	0.00024
-35.36	-63.64	0.00025	-42.43	-70.71	0.00026
-49.50	-77.78	0.00027	-56.57	-84.85	0.00027
91.92	49.50	0.00074	84.85	42.43	0.00073
77.78	35.36	0.00070	70.71	28.28	0.00065
63.64	21.21	0.00058	56.57	14.14	0.00052
49.50	7.07	0.00046	42.43	0.00	0.00041
38.89	-3.54	0.00039	35.36	-7.07	0.00037
33.23	-9.19	0.00036	31.82	-10.61	0.00035
30.41	-12.02	0.00034	28.99	-13.44	0.00034
27.58	-14.85	0.00033	14.85	-27.58	0.00028
13.44	-28.99	0.00028	12.02	-30.41	0.00027
10.61	-31.82	0.00027	9.19	-33.23	0.00027
7.07	-35.36	0.00026	3.54	-38.89	0.00026
0.00	-42.43	0.00026	-7.07	-49.50	0.00026
-14.14	-56.57	0.00026	-21.21	-63.64	0.00028
-28.28	-70.71	0.00029	-35.36	-77.78	0.00030
-42.43	-84.85	0.00031	-49.50	-91.92	0.00031
98.99	42.43	0.00083	91.92	35.36	0.00084
84.85	28.28	0.00082	77.78	21.21	0.00078
70.71	14.14	0.00071	63.64	7.07	0.00063
56.57	0.00	0.00055	49.50	-7.07	0.00048
45.96	-10.61	0.00046	42.43	-14.14	0.00043

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00041	38.89	-17.68	0.00040
37.48	-19.09	0.00039	36.06	-20.51	0.00039
34.65	-21.92	0.00038	21.92	-34.65	0.00032
20.51	-36.06	0.00031	19.09	-37.48	0.00031
17.68	-38.89	0.00030	16.26	-40.31	0.00030
14.14	-42.43	0.00030	10.61	-45.96	0.00029
7.07	-49.50	0.00029	0.00	-56.57	0.00029
-7.07	-63.64	0.00031	-14.14	-70.71	0.00032
-21.21	-77.78	0.00034	-28.28	-84.85	0.00035
-35.36	-91.92	0.00035	-42.43	-98.99	0.00035
106.07	35.36	0.00093	98.99	28.28	0.00096
91.92	21.21	0.00096	84.85	14.14	0.00093
77.78	7.07	0.00086	70.71	0.00	0.00077
63.64	-7.07	0.00067	56.57	-14.14	0.00058
53.03	-17.68	0.00054	49.50	-21.21	0.00051
47.38	-23.33	0.00049	45.96	-24.75	0.00047
44.55	-26.16	0.00046	43.13	-27.58	0.00045
41.72	-28.99	0.00044	28.99	-41.72	0.00036
27.58	-43.13	0.00036	26.16	-44.55	0.00035
24.75	-45.96	0.00035	23.33	-47.38	0.00034
21.21	-49.50	0.00034	17.68	-53.03	0.00033
14.14	-56.57	0.00033	7.07	-63.64	0.00034
0.00	-70.71	0.00036	-7.07	-77.78	0.00038
-14.14	-84.85	0.00039	-21.21	-91.92	0.00040
-28.28	-98.99	0.00040	-35.36	-106.07	0.00040
113.14	28.28	0.00102	106.07	21.21	0.00108
98.99	14.14	0.00112	91.92	7.07	0.00112
84.85	0.00	0.00106	77.78	-7.07	0.00096
70.71	-14.14	0.00083	63.64	-21.21	0.00071
60.10	-24.75	0.00065	56.57	-28.28	0.00060
54.45	-30.41	0.00058	53.03	-31.82	0.00056
51.62	-33.23	0.00054	50.20	-34.65	0.00053
48.79	-36.06	0.00051	36.06	-48.79	0.00041
34.65	-50.20	0.00041	33.23	-51.62	0.00040
31.82	-53.03	0.00040	30.41	-54.45	0.00039
28.28	-56.57	0.00039	24.75	-60.10	0.00038
21.21	-63.64	0.00039	14.14	-70.71	0.00041
7.07	-77.78	0.00043	0.00	-84.85	0.00045
-7.07	-91.92	0.00046	-14.14	-98.99	0.00047

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-21.21 -106.07 0.00046 -28.28 -113.14 0.00046

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00111	113.14	14.14	0.00120
106.07	7.07	0.00128	98.99	0.00	0.00132
91.92	-7.07	0.00130	84.85	-14.14	0.00122
77.78	-21.21	0.00106	70.71	-28.28	0.00089
67.18	-31.82	0.00081	63.64	-35.36	0.00074
61.52	-37.48	0.00070	60.10	-38.89	0.00068
58.69	-40.31	0.00065	57.28	-41.72	0.00063
55.86	-43.13	0.00061	43.13	-55.86	0.00048
41.72	-57.28	0.00047	40.31	-58.69	0.00046
38.89	-60.10	0.00046	37.48	-61.52	0.00046
35.36	-63.64	0.00045	31.82	-67.18	0.00045
28.28	-70.71	0.00046	21.21	-77.78	0.00049
14.14	-84.85	0.00052	7.07	-91.92	0.00054
0.00	-98.99	0.00055	-7.07	-106.07	0.00055
-14.14	-113.14	0.00054	-21.21	-120.21	0.00054
127.28	14.14	0.00117	120.21	7.07	0.00130
113.14	0.00	0.00143	106.07	-7.07	0.00153
98.99	-14.14	0.00157	91.92	-21.21	0.00154
84.85	-28.28	0.00139	77.78	-35.36	0.00116
74.25	-38.89	0.00104	70.71	-42.43	0.00093
68.59	-44.55	0.00088	67.18	-45.96	0.00084
65.76	-47.38	0.00080	64.35	-48.79	0.00077
62.93	-50.20	0.00074	50.20	-62.93	0.00056
48.79	-64.35	0.00055	47.38	-65.76	0.00054
45.96	-67.18	0.00054	44.55	-68.59	0.00053
42.43	-70.71	0.00053	38.89	-74.25	0.00054
35.36	-77.78	0.00056	28.28	-84.85	0.00060
21.21	-91.92	0.00063	14.14	-98.99	0.00065
7.07	-106.07	0.00066	0.00	-113.14	0.00065
-7.07	-120.21	0.00064	-14.14	-127.28	0.00063
134.35	7.07	0.00122	127.28	0.00	0.00139
120.21	-7.07	0.00156	113.14	-14.14	0.00172
106.07	-21.21	0.00185	98.99	-28.28	0.00191

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

91.92	-35.36	0.00183	84.85	-42.43	0.00158
81.32	-45.96	0.00141	77.78	-49.50	0.00123
75.66	-51.62	0.00114	74.25	-53.03	0.00108
72.83	-54.45	0.00102	71.42	-55.86	0.00097
70.00	-57.28	0.00092	57.28	-70.00	0.00066
55.86	-71.42	0.00065	54.45	-72.83	0.00064
53.03	-74.25	0.00064	51.62	-75.66	0.00064

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00065	45.96	-81.32	0.00067
42.43	-84.85	0.00070	35.36	-91.92	0.00075
28.28	-98.99	0.00079	21.21	-106.07	0.00080
14.14	-113.14	0.00080	7.07	-120.21	0.00079
0.00	-127.28	0.00077	-7.07	-134.35	0.00073
141.42	0.00	0.00126	134.35	-7.07	0.00145
127.28	-14.14	0.00167	120.21	-21.21	0.00189
113.14	-28.28	0.00211	106.07	-35.36	0.00229
98.99	-42.43	0.00235	91.92	-49.50	0.00218
88.39	-53.03	0.00198	84.85	-56.57	0.00173
82.73	-58.69	0.00157	81.32	-60.10	0.00146
79.90	-61.52	0.00136	78.49	-62.93	0.00127
77.07	-64.35	0.00119	64.35	-77.07	0.00079
62.93	-78.49	0.00078	61.52	-79.90	0.00078
60.10	-81.32	0.00078	58.69	-82.73	0.00079
56.57	-84.85	0.00081	53.03	-88.39	0.00085
49.50	-91.92	0.00089	42.43	-98.99	0.00096
35.36	-106.07	0.00099	28.28	-113.14	0.00100
21.21	-120.21	0.00098	14.14	-127.28	0.00095
7.07	-134.35	0.00090	0.00	-141.42	0.00085
148.49	-7.07	0.00127	141.42	-14.14	0.00149
134.35	-21.21	0.00174	127.28	-28.28	0.00203
120.21	-35.36	0.00233	113.14	-42.43	0.00263
106.07	-49.50	0.00287	98.99	-56.57	0.00294
95.46	-60.10	0.00283	91.92	-63.64	0.00257
89.80	-65.76	0.00234	88.39	-67.18	0.00216
86.97	-68.59	0.00199	85.56	-70.00	0.00181

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

84.15	-71.42	0.00164	71.42	-84.15	0.00096
70.00	-85.56	0.00097	68.59	-86.97	0.00098
67.18	-88.39	0.00100	65.76	-89.80	0.00102
63.64	-91.92	0.00106	60.10	-95.46	0.00112
56.57	-98.99	0.00118	49.50	-106.07	0.00126
42.43	-113.14	0.00128	35.36	-120.21	0.00126
28.28	-127.28	0.00120	21.21	-134.35	0.00113
14.14	-141.42	0.00106	7.07	-148.49	0.00098
155.56	-14.14	0.00128	148.49	-21.21	0.00151
141.42	-28.28	0.00180	134.35	-35.36	0.00213
127.28	-42.43	0.00251	120.21	-49.50	0.00292
113.14	-56.57	0.00333	106.07	-63.64	0.00368
102.53	-67.18	0.00378	98.99	-70.71	0.00374

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00360	95.46	-74.25	0.00343
94.05	-75.66	0.00320	92.63	-77.07	0.00292
91.22	-78.49	0.00260	78.49	-91.22	0.00124
77.07	-92.63	0.00127	75.66	-94.05	0.00131
74.25	-95.46	0.00136	72.83	-96.87	0.00140
70.71	-98.99	0.00146	67.18	-102.53	0.00156
63.64	-106.07	0.00163	56.57	-113.14	0.00168
49.50	-120.21	0.00164	42.43	-127.28	0.00155
35.36	-134.35	0.00145	28.28	-141.42	0.00133
21.21	-148.49	0.00122	14.14	-155.56	0.00112
162.63	-21.21	0.00126	155.56	-28.28	0.00150
148.49	-35.36	0.00181	141.42	-42.43	0.00219
134.35	-49.50	0.00263	127.28	-56.57	0.00315
120.21	-63.64	0.00371	113.14	-70.71	0.00430
109.60	-74.25	0.00458	106.07	-77.78	0.00481
103.94	-79.90	0.00490	102.53	-81.32	0.00491
101.12	-82.73	0.00490	99.70	-84.15	0.00480
98.29	-85.56	0.00456	85.56	-98.29	0.00190
84.15	-99.70	0.00197	82.73	-101.12	0.00203
81.32	-102.53	0.00208	79.90	-103.94	0.00212
77.78	-106.07	0.00217	74.25	-109.60	0.00222

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

70.71	-113.14	0.00223	63.64	-120.21	0.00217
56.57	-127.28	0.00204	49.50	-134.35	0.00188
42.43	-141.42	0.00171	35.36	-148.49	0.00154
28.28	-155.56	0.00139	21.21	-162.63	0.00126
169.71	-28.28	0.00122	162.63	-35.36	0.00146
155.56	-42.43	0.00178	148.49	-49.50	0.00218
141.42	-56.57	0.00268	134.35	-63.64	0.00328
127.28	-70.71	0.00398	120.21	-77.78	0.00475
116.67	-81.32	0.00516	113.14	-84.85	0.00556
111.02	-86.97	0.00576	109.60	-88.39	0.00587
108.19	-89.80	0.00595	106.77	-91.22	0.00606
105.36	-92.63	0.00610	92.63	-105.36	0.00341
91.22	-106.77	0.00327	89.80	-108.19	0.00318
88.39	-109.60	0.00312	86.97	-111.02	0.00308
84.85	-113.14	0.00304	81.32	-116.67	0.00298
77.78	-120.21	0.00290	70.71	-127.28	0.00271
63.64	-134.35	0.00247	56.57	-141.42	0.00221
49.50	-148.49	0.00197	42.43	-155.56	0.00175
35.36	-162.63	0.00156	28.28	-169.71	0.00139

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00116	169.71	-42.43	0.00140
162.63	-49.50	0.00171	155.56	-56.57	0.00211
148.49	-63.64	0.00263	141.42	-70.71	0.00329
134.35	-77.78	0.00408	127.28	-84.85	0.00496
123.74	-88.39	0.00543	120.21	-91.92	0.00588
118.09	-94.05	0.00611	116.67	-95.46	0.00623
115.26	-96.87	0.00630	113.84	-98.29	0.00636
112.43	-99.70	0.00640	99.70	-112.43	0.00426
98.29	-113.84	0.00414	96.87	-115.26	0.00405
95.46	-116.67	0.00397	94.05	-118.09	0.00390
91.92	-120.21	0.00380	88.39	-123.74	0.00364
84.85	-127.28	0.00349	77.78	-134.35	0.00317
70.71	-141.42	0.00283	63.64	-148.49	0.00250
56.57	-155.56	0.00220	49.50	-162.63	0.00193
42.43	-169.71	0.00170	35.36	-176.78	0.00150

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

183.85	-42.43	0.00109	176.78	-49.50	0.00131
169.71	-56.57	0.00160	162.63	-63.64	0.00198
155.56	-70.71	0.00249	148.49	-77.78	0.00317
141.42	-84.85	0.00401	134.35	-91.92	0.00498
130.81	-95.46	0.00548	127.28	-98.99	0.00594
125.16	-101.12	0.00618	123.74	-102.53	0.00630
122.33	-103.94	0.00638	120.92	-105.36	0.00641
119.50	-106.77	0.00645	106.77	-119.50	0.00459
105.36	-120.92	0.00452	103.94	-122.33	0.00446
102.53	-123.74	0.00442	101.12	-125.16	0.00437
98.99	-127.28	0.00430	95.46	-130.81	0.00415
91.92	-134.35	0.00397	84.85	-141.42	0.00356
77.78	-148.49	0.00313	70.71	-155.56	0.00273
63.64	-162.63	0.00237	56.57	-169.71	0.00207
49.50	-176.78	0.00181	42.43	-183.85	0.00158
190.92	-49.50	0.00101	183.85	-56.57	0.00121
176.78	-63.64	0.00146	169.71	-70.71	0.00181
162.63	-77.78	0.00228	155.56	-84.85	0.00293
148.49	-91.92	0.00379	141.42	-98.99	0.00482
137.89	-102.53	0.00535	134.35	-106.07	0.00584
132.23	-108.19	0.00609	130.81	-109.60	0.00623
129.40	-111.02	0.00633	127.99	-112.43	0.00637
126.57	-113.84	0.00641	113.84	-126.57	0.00474
112.43	-127.99	0.00469	111.02	-129.40	0.00466
109.60	-130.81	0.00463	108.19	-132.23	0.00460

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00455	102.53	-137.89	0.00443
98.99	-141.42	0.00426	91.92	-148.49	0.00383
84.85	-155.56	0.00336	77.78	-162.63	0.00291
70.71	-169.71	0.00251	63.64	-176.78	0.00216
56.57	-183.85	0.00187	49.50	-190.92	0.00163
197.99	-56.57	0.00093	190.92	-63.64	0.00110
183.85	-70.71	0.00132	176.78	-77.78	0.00162
169.71	-84.85	0.00203	162.63	-91.92	0.00260
155.56	-98.99	0.00340	148.49	-106.07	0.00446

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

144.96	-109.60	0.00504	141.42	-113.14	0.00560
139.30	-115.26	0.00588	137.89	-116.67	0.00604
136.47	-118.09	0.00616	135.06	-119.50	0.00623
133.64	-120.92	0.00627	120.92	-133.64	0.00480
119.50	-135.06	0.00476	118.09	-136.47	0.00473
116.67	-137.89	0.00471	115.26	-139.30	0.00469
113.14	-141.42	0.00465	109.60	-144.96	0.00454
106.07	-148.49	0.00438	98.99	-155.56	0.00396
91.92	-162.63	0.00348	84.85	-169.71	0.00300
77.78	-176.78	0.00257	70.71	-183.85	0.00221
63.64	-190.92	0.00190	56.57	-197.99	0.00165
205.06	-63.64	0.00084	197.99	-70.71	0.00099
190.92	-77.78	0.00118	183.85	-84.85	0.00143
176.78	-91.92	0.00176	169.71	-98.99	0.00222
162.63	-106.07	0.00289	155.56	-113.14	0.00387
152.03	-116.67	0.00449	148.49	-120.21	0.00513
146.37	-122.33	0.00548	144.96	-123.74	0.00568
143.54	-125.16	0.00585	142.13	-126.57	0.00596
140.71	-127.99	0.00603	127.99	-140.71	0.00477
126.57	-142.13	0.00473	125.16	-143.54	0.00472
123.74	-144.96	0.00470	122.33	-146.37	0.00467
120.21	-148.49	0.00463	116.67	-152.03	0.00451
113.14	-155.56	0.00435	106.07	-162.63	0.00394
98.99	-169.71	0.00346	91.92	-176.78	0.00299
84.85	-183.85	0.00256	77.78	-190.92	0.00220
70.71	-197.99	0.00189	63.64	-205.06	0.00164
212.13	-70.71	0.00075	205.06	-77.78	0.00087
197.99	-84.85	0.00103	190.92	-91.92	0.00123
183.85	-98.99	0.00149	176.78	-106.07	0.00185
169.71	-113.14	0.00234	162.63	-120.21	0.00310
159.10	-123.74	0.00363	155.56	-127.28	0.00429

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00472	152.03	-130.81	0.00499
150.61	-132.23	0.00524	149.20	-133.64	0.00543
147.79	-135.06	0.00559	135.06	-147.79	0.00466

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-149.20	0.00461	132.23	-150.61	0.00459
130.81	-152.03	0.00456	129.40	-153.44	0.00453
127.28	-155.56	0.00447	123.74	-159.10	0.00434
120.21	-162.63	0.00417	113.14	-169.71	0.00376
106.07	-176.78	0.00331	98.99	-183.85	0.00287
91.92	-190.92	0.00247	84.85	-197.99	0.00213
77.78	-205.06	0.00184	70.71	-212.13	0.00160
219.20	-77.78	0.00066	212.13	-84.85	0.00076
205.06	-91.92	0.00088	197.99	-98.99	0.00104
190.92	-106.07	0.00124	183.85	-113.14	0.00149
176.78	-120.21	0.00183	169.71	-127.28	0.00232
166.17	-130.81	0.00266	162.63	-134.35	0.00311
160.51	-136.47	0.00345	159.10	-137.89	0.00372
157.68	-139.30	0.00402	156.27	-140.71	0.00433
154.86	-142.13	0.00463	142.13	-154.86	0.00442
140.71	-156.27	0.00435	139.30	-157.68	0.00430
137.89	-159.10	0.00425	136.47	-160.51	0.00420
134.35	-162.63	0.00412	130.81	-166.17	0.00397
127.28	-169.71	0.00380	120.21	-176.78	0.00342
113.14	-183.85	0.00303	106.07	-190.92	0.00266
98.99	-197.99	0.00232	91.92	-205.06	0.00201
84.85	-212.13	0.00175	77.78	-219.20	0.00153
226.27	-84.85	0.00057	219.20	-91.92	0.00064
212.13	-98.99	0.00074	205.06	-106.07	0.00085
197.99	-113.14	0.00099	190.92	-120.21	0.00116
183.85	-127.28	0.00137	176.78	-134.35	0.00164
173.24	-137.89	0.00181	169.71	-141.42	0.00200
167.58	-143.54	0.00212	166.17	-144.96	0.00221
164.76	-146.37	0.00232	163.34	-147.79	0.00246
161.93	-149.20	0.00266	149.20	-161.93	0.00378
147.79	-163.34	0.00368	146.37	-164.76	0.00360
144.96	-166.17	0.00355	143.54	-167.58	0.00351
141.42	-169.71	0.00345	137.89	-173.24	0.00334
134.35	-176.78	0.00323	127.28	-183.85	0.00297
120.21	-190.92	0.00267	113.14	-197.99	0.00238
106.07	-205.06	0.00210	98.99	-212.13	0.00185
91.92	-219.20	0.00163	84.85	-226.27	0.00144

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00048	226.27	-98.99	0.00054
219.20	-106.07	0.00061	212.13	-113.14	0.00069
205.06	-120.21	0.00078	197.99	-127.28	0.00088
190.92	-134.35	0.00099	183.85	-141.42	0.00110
180.31	-144.96	0.00115	176.78	-148.49	0.00118
174.66	-150.61	0.00119	173.24	-152.03	0.00119
171.83	-153.44	0.00118	170.41	-154.86	0.00117
169.00	-156.27	0.00116	156.27	-169.00	0.00224
154.86	-170.41	0.00236	153.44	-171.83	0.00244
152.03	-173.24	0.00250	150.61	-174.66	0.00254
148.49	-176.78	0.00258	144.96	-180.31	0.00260
141.42	-183.85	0.00257	134.35	-190.92	0.00244
127.28	-197.99	0.00226	120.21	-205.06	0.00205
113.14	-212.13	0.00185	106.07	-219.20	0.00166
98.99	-226.27	0.00148	91.92	-233.35	0.00132
240.42	-98.99	0.00041	233.35	-106.07	0.00046
226.27	-113.14	0.00050	219.20	-120.21	0.00055
212.13	-127.28	0.00061	205.06	-134.35	0.00066
197.99	-141.42	0.00071	190.92	-148.49	0.00075
187.38	-152.03	0.00076	183.85	-155.56	0.00075
181.73	-157.68	0.00075	180.31	-159.10	0.00075
178.90	-160.51	0.00076	177.48	-161.93	0.00076
176.07	-163.34	0.00078	163.34	-176.07	0.00136
161.93	-177.48	0.00146	160.51	-178.90	0.00155
159.10	-180.31	0.00163	157.68	-181.73	0.00171
155.56	-183.85	0.00181	152.03	-187.38	0.00192
148.49	-190.92	0.00197	141.42	-197.99	0.00197
134.35	-205.06	0.00188	127.28	-212.13	0.00175
120.21	-219.20	0.00161	113.14	-226.27	0.00146
106.07	-233.35	0.00133	98.99	-240.42	0.00120
247.49	-106.07	0.00035	240.42	-113.14	0.00038
233.35	-120.21	0.00041	226.27	-127.28	0.00045
219.20	-134.35	0.00048	212.13	-141.42	0.00051
205.06	-148.49	0.00053	197.99	-155.56	0.00054
194.45	-159.10	0.00054	190.92	-162.63	0.00054
188.80	-164.76	0.00055	187.38	-166.17	0.00056
185.97	-167.58	0.00057	184.55	-169.00	0.00059
183.14	-170.41	0.00061	170.41	-183.14	0.00097
169.00	-184.55	0.00103	167.58	-185.97	0.00108
166.17	-187.38	0.00113	164.76	-188.80	0.00119

04/20/08

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

*** Maximum train overlap at SE/NW Bound Direction

18:47:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00126	159.10	-194.45	0.00136
155.56	-197.99	0.00144	148.49	-205.06	0.00153
141.42	-212.13	0.00152	134.35	-219.20	0.00146
127.28	-226.27	0.00138	120.21	-233.35	0.00128
113.14	-240.42	0.00118	106.07	-247.49	0.00109

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at SE/NW Bound Direction

18:47:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00010	-113.14	240.42	0.00009
-120.21	233.35	0.00009	-127.28	226.27	0.00009
-134.35	219.20	0.00008	-141.42	212.13	0.00008
-148.49	205.06	0.00008	-155.56	197.99	0.00007
-159.10	194.45	0.00007	-162.63	190.92	0.00007
-164.76	188.80	0.00007	-166.17	187.38	0.00007
-167.58	185.97	0.00007	-169.00	184.55	0.00007
-170.41	183.14	0.00007	-183.14	170.41	0.00006
-184.55	169.00	0.00006	-185.97	167.58	0.00006
-187.38	166.17	0.00006	-188.80	164.76	0.00006
-190.92	162.63	0.00006	-194.45	159.10	0.00006
-197.99	155.56	0.00006	-205.06	148.49	0.00006
-212.13	141.42	0.00006	-219.20	134.35	0.00006
-226.27	127.28	0.00006	-233.35	120.21	0.00006
-240.42	113.14	0.00006	-247.49	106.07	0.00006
-98.99	240.42	0.00010	-106.07	233.35	0.00010
-113.14	226.27	0.00010	-120.21	219.20	0.00009
-127.28	212.13	0.00009	-134.35	205.06	0.00008
-141.42	197.99	0.00008	-148.49	190.92	0.00008
-152.03	187.38	0.00008	-155.56	183.85	0.00007

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-157.68	181.73	0.00007	-159.10	180.31	0.00007
-160.51	178.90	0.00007	-161.93	177.48	0.00007
-163.34	176.07	0.00007	-176.07	163.34	0.00007
-177.48	161.93	0.00007	-178.90	160.51	0.00007
-180.31	159.10	0.00007	-181.73	157.68	0.00007
-183.85	155.56	0.00007	-187.38	152.03	0.00006
-190.92	148.49	0.00006	-197.99	141.42	0.00006
-205.06	134.35	0.00006	-212.13	127.28	0.00006
-219.20	120.21	0.00006	-226.27	113.14	0.00006
-233.35	106.07	0.00006	-240.42	98.99	0.00006
-91.92	233.35	0.00011	-99.00	226.27	0.00011
-106.07	219.20	0.00010	-113.14	212.13	0.00010
-120.21	205.06	0.00009	-127.28	197.99	0.00009
-134.35	190.92	0.00009	-141.42	183.85	0.00008
-144.96	180.31	0.00008	-148.49	176.78	0.00008
-150.61	174.66	0.00008	-152.03	173.24	0.00008
-153.44	171.83	0.00008	-154.86	170.41	0.00008
-156.27	169.00	0.00008	-169.00	156.27	0.00007
-170.41	154.86	0.00007	-171.83	153.44	0.00007
-173.24	152.03	0.00007	-174.66	150.61	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00007	-180.31	144.96	0.00007
-183.85	141.42	0.00007	-190.92	134.35	0.00007
-197.99	127.28	0.00006	-205.06	120.21	0.00006
-212.13	113.14	0.00006	-219.20	106.07	0.00006
-226.27	98.99	0.00006	-233.35	91.92	0.00006
-84.85	226.27	0.00012	-91.92	219.20	0.00011
-99.00	212.13	0.00011	-106.07	205.06	0.00011
-113.14	197.99	0.00010	-120.21	190.92	0.00010
-127.28	183.85	0.00009	-134.35	176.78	0.00009
-137.89	173.24	0.00009	-141.42	169.71	0.00008
-143.54	167.58	0.00008	-144.96	166.17	0.00008
-146.37	164.76	0.00008	-147.79	163.34	0.00008
-149.20	161.93	0.00008	-161.93	149.20	0.00008
-163.34	147.79	0.00007	-164.76	146.37	0.00007

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-166.17	144.96	0.00007	-167.58	143.54	0.00007
-169.71	141.42	0.00007	-173.24	137.89	0.00007
-176.78	134.35	0.00007	-183.85	127.28	0.00007
-190.92	120.21	0.00007	-197.99	113.14	0.00007
-205.06	106.07	0.00007	-212.13	98.99	0.00007
-219.20	91.92	0.00007	-226.27	84.85	0.00007
-77.78	219.20	0.00013	-84.85	212.13	0.00012
-91.92	205.06	0.00012	-99.00	197.99	0.00011
-106.07	190.92	0.00011	-113.14	183.85	0.00010
-120.21	176.78	0.00010	-127.28	169.71	0.00009
-130.81	166.17	0.00009	-134.35	162.63	0.00009
-136.47	160.51	0.00009	-137.89	159.10	0.00009
-139.30	157.68	0.00009	-140.71	156.27	0.00009
-142.13	154.86	0.00009	-154.86	142.13	0.00008
-156.27	140.71	0.00008	-157.68	139.30	0.00008
-159.10	137.89	0.00008	-160.51	136.47	0.00008
-162.63	134.35	0.00008	-166.17	130.81	0.00008
-169.71	127.28	0.00007	-176.78	120.21	0.00007
-183.85	113.14	0.00007	-190.92	106.07	0.00007
-197.99	98.99	0.00007	-205.06	91.92	0.00007
-212.13	84.85	0.00007	-219.20	77.78	0.00007
-70.71	212.13	0.00014	-77.78	205.06	0.00013
-84.85	197.99	0.00013	-91.92	190.92	0.00012
-98.99	183.85	0.00012	-106.07	176.78	0.00011
-113.14	169.71	0.00011	-120.21	162.63	0.00010
-123.74	159.10	0.00010	-127.28	155.56	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00010	-130.81	152.03	0.00009
-132.23	150.61	0.00009	-133.64	149.20	0.00009
-135.06	147.79	0.00009	-147.79	135.06	0.00009
-149.20	133.64	0.00008	-150.61	132.23	0.00008
-152.03	130.81	0.00008	-153.44	129.40	0.00008
-155.56	127.28	0.00008	-159.10	123.74	0.00008
-162.63	120.21	0.00008	-169.71	113.14	0.00008
-176.78	106.07	0.00008	-183.85	98.99	0.00008

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	91.92	0.00007	-197.99	84.85	0.00007
-205.06	77.78	0.00007	-212.13	70.71	0.00008
-63.64	205.06	0.00015	-70.71	197.99	0.00015
-77.78	190.92	0.00014	-84.85	183.85	0.00013
-91.92	176.78	0.00013	-98.99	169.71	0.00012
-106.07	162.63	0.00011	-113.14	155.56	0.00011
-116.67	152.03	0.00011	-120.21	148.49	0.00010
-122.33	146.37	0.00010	-123.74	144.96	0.00010
-125.16	143.54	0.00010	-126.57	142.13	0.00010
-127.99	140.71	0.00010	-140.71	127.99	0.00009
-142.13	126.57	0.00009	-143.54	125.16	0.00009
-144.96	123.74	0.00009	-146.37	122.33	0.00009
-148.49	120.21	0.00009	-152.03	116.67	0.00009
-155.56	113.14	0.00008	-162.63	106.07	0.00008
-169.71	98.99	0.00008	-176.78	91.92	0.00008
-183.85	84.85	0.00008	-190.92	77.78	0.00008
-197.99	70.71	0.00008	-205.06	63.64	0.00008
-56.57	197.99	0.00017	-63.64	190.92	0.00016
-70.71	183.85	0.00015	-77.78	176.78	0.00014
-84.85	169.71	0.00014	-91.92	162.63	0.00013
-98.99	155.56	0.00012	-106.07	148.49	0.00012
-109.60	144.96	0.00011	-113.14	141.42	0.00011
-115.26	139.30	0.00011	-116.67	137.89	0.00011
-118.09	136.47	0.00011	-119.50	135.06	0.00011
-120.92	133.64	0.00011	-133.64	120.92	0.00010
-135.06	119.50	0.00010	-136.47	118.09	0.00010
-137.89	116.67	0.00009	-139.30	115.26	0.00009
-141.42	113.14	0.00009	-144.96	109.60	0.00009
-148.49	106.07	0.00009	-155.56	98.99	0.00009
-162.63	91.92	0.00009	-169.71	84.85	0.00009
-176.78	77.78	0.00008	-183.85	70.71	0.00009
-190.92	63.64	0.00009	-197.99	56.57	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00019	-56.57	183.85	0.00018
-63.64	176.78	0.00017	-70.71	169.71	0.00016

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	162.63	0.00015	-84.85	155.56	0.00014
-91.92	148.49	0.00013	-98.99	141.42	0.00013
-102.53	137.89	0.00012	-106.07	134.35	0.00012
-108.19	132.23	0.00012	-109.60	130.81	0.00012
-111.02	129.40	0.00012	-112.43	127.99	0.00011
-113.84	126.57	0.00011	-126.57	113.84	0.00010
-127.99	112.43	0.00010	-129.40	111.02	0.00010
-130.81	109.60	0.00010	-132.23	108.19	0.00010
-134.35	106.07	0.00010	-137.89	102.53	0.00010
-141.42	98.99	0.00010	-148.49	91.92	0.00009
-155.56	84.85	0.00009	-162.63	77.78	0.00009
-169.71	70.71	0.00009	-176.78	63.64	0.00009
-183.85	56.57	0.00009	-190.92	49.50	0.00010
-42.43	183.85	0.00021	-49.50	176.78	0.00019
-56.57	169.71	0.00018	-63.64	162.63	0.00017
-70.71	155.56	0.00016	-77.78	148.49	0.00015
-84.85	141.42	0.00014	-91.92	134.35	0.00014
-95.46	130.81	0.00013	-98.99	127.28	0.00013
-101.12	125.16	0.00013	-102.53	123.74	0.00013
-103.94	122.33	0.00012	-105.36	120.92	0.00012
-106.77	119.50	0.00012	-119.50	106.77	0.00011
-120.92	105.36	0.00011	-122.33	103.94	0.00011
-123.74	102.53	0.00011	-125.16	101.12	0.00011
-127.28	98.99	0.00011	-130.81	95.46	0.00011
-134.35	91.92	0.00010	-141.42	84.85	0.00010
-148.49	77.78	0.00010	-155.56	70.71	0.00010
-162.63	63.64	0.00010	-169.71	56.57	0.00010
-176.78	49.50	0.00010	-183.85	42.43	0.00011
-35.36	176.78	0.00023	-42.43	169.71	0.00022
-49.50	162.63	0.00020	-56.57	155.56	0.00019
-63.64	148.49	0.00018	-70.71	141.42	0.00017
-77.78	134.35	0.00016	-84.85	127.28	0.00015
-88.39	123.74	0.00014	-91.92	120.21	0.00014
-94.05	118.09	0.00014	-95.46	116.67	0.00014
-96.87	115.26	0.00013	-98.29	113.84	0.00013
-99.70	112.43	0.00013	-112.43	99.70	0.00012
-113.84	98.29	0.00012	-115.26	96.87	0.00012
-116.67	95.46	0.00012	-118.09	94.05	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00011	-123.74	88.39	0.00011
-127.28	84.85	0.00011	-134.35	77.78	0.00011
-141.42	70.71	0.00011	-148.49	63.64	0.00011
-155.56	56.57	0.00011	-162.63	49.50	0.00011
-169.71	42.43	0.00011	-176.78	35.36	0.00012
-28.28	169.71	0.00026	-35.36	162.63	0.00024
-42.43	155.56	0.00022	-49.50	148.49	0.00021
-56.57	141.42	0.00020	-63.64	134.35	0.00018
-70.71	127.28	0.00017	-77.78	120.21	0.00016
-81.32	116.67	0.00016	-84.85	113.14	0.00015
-86.97	111.02	0.00015	-88.39	109.60	0.00015
-89.80	108.19	0.00015	-91.22	106.77	0.00014
-92.63	105.36	0.00014	-105.36	92.63	0.00013
-106.77	91.22	0.00013	-108.19	89.80	0.00013
-109.60	88.39	0.00013	-111.02	86.97	0.00013
-113.14	84.85	0.00012	-116.67	81.32	0.00012
-120.21	77.78	0.00012	-127.28	70.71	0.00012
-134.35	63.64	0.00011	-141.42	56.57	0.00011
-148.49	49.50	0.00012	-155.56	42.43	0.00012
-162.63	35.36	0.00012	-169.71	28.28	0.00013
-21.21	162.63	0.00029	-28.28	155.56	0.00027
-35.36	148.49	0.00025	-42.43	141.42	0.00023
-49.50	134.35	0.00022	-56.57	127.28	0.00020
-63.64	120.21	0.00019	-70.71	113.14	0.00018
-74.25	109.60	0.00017	-77.78	106.07	0.00017
-79.90	103.94	0.00016	-81.32	102.53	0.00016
-82.73	101.12	0.00016	-84.15	99.70	0.00016
-85.56	98.29	0.00016	-98.29	85.56	0.00014
-99.70	84.15	0.00014	-101.12	82.73	0.00014
-102.53	81.32	0.00014	-103.94	79.90	0.00014
-106.07	77.78	0.00013	-109.60	74.25	0.00013
-113.14	70.71	0.00013	-120.21	63.64	0.00013
-127.28	56.57	0.00012	-134.35	49.50	0.00012
-141.42	42.43	0.00013	-148.49	35.36	0.00013
-155.56	28.28	0.00013	-162.63	21.21	0.00014
-14.14	155.56	0.00033	-21.21	148.49	0.00031
-28.28	141.42	0.00028	-35.36	134.35	0.00026
-42.43	127.28	0.00024	-49.50	120.21	0.00023
-56.57	113.14	0.00021	-63.64	106.07	0.00020
-67.18	102.53	0.00019	-70.71	98.99	0.00018

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

18:47:39

**MODELOPTS:

PAGE 48

*** Maximum train overlap at SE/NW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00018	-74.25	95.46	0.00018
-75.66	94.05	0.00017	-77.07	92.63	0.00017
-78.49	91.22	0.00017	-91.22	78.49	0.00015
-92.63	77.07	0.00015	-94.05	75.66	0.00015
-95.46	74.25	0.00015	-96.87	72.83	0.00015
-98.99	70.71	0.00015	-102.53	67.18	0.00014
-106.07	63.64	0.00014	-113.14	56.57	0.00014
-120.21	49.50	0.00014	-127.28	42.43	0.00014
-134.35	35.36	0.00014	-141.42	28.28	0.00014
-148.49	21.21	0.00015	-155.56	14.14	0.00015
-7.07	148.49	0.00038	-14.14	141.42	0.00035
-21.21	134.35	0.00032	-28.28	127.28	0.00030
-35.36	120.21	0.00027	-42.43	113.14	0.00025
-49.50	106.07	0.00024	-56.57	98.99	0.00022
-60.10	95.46	0.00021	-63.64	91.92	0.00020
-65.76	89.80	0.00020	-67.18	88.39	0.00020
-68.59	86.97	0.00019	-70.00	85.56	0.00019
-71.42	84.15	0.00019	-84.15	71.42	0.00017
-85.56	70.00	0.00017	-86.97	68.59	0.00016
-88.39	67.18	0.00016	-89.80	65.76	0.00016
-91.92	63.64	0.00016	-95.46	60.10	0.00016
-98.99	56.57	0.00015	-106.07	49.50	0.00015
-113.14	42.43	0.00015	-120.21	35.36	0.00015
-127.28	28.28	0.00015	-134.35	21.21	0.00016
-141.42	14.14	0.00017	-148.49	7.07	0.00017
0.00	141.42	0.00043	-7.07	134.35	0.00040
-14.14	127.28	0.00037	-21.21	120.21	0.00034
-28.28	113.14	0.00031	-35.36	106.07	0.00029
-42.43	98.99	0.00026	-49.50	91.92	0.00024
-53.03	88.39	0.00023	-56.57	84.85	0.00023
-58.69	82.73	0.00022	-60.10	81.32	0.00022
-61.52	79.90	0.00021	-62.93	78.49	0.00021
-64.35	77.07	0.00021	-77.07	64.35	0.00018
-78.49	62.93	0.00018	-79.90	61.52	0.00018

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-81.32	60.10	0.00018	-82.73	58.69	0.00018
-84.85	56.57	0.00017	-88.39	53.03	0.00017
-91.92	49.50	0.00017	-98.99	42.43	0.00016
-106.07	35.36	0.00016	-113.14	28.28	0.00017
-120.21	21.21	0.00017	-127.28	14.14	0.00018
-134.35	7.07	0.00019	-141.42	0.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00049	0.00	127.28	0.00047
-7.07	120.21	0.00043	-14.14	113.14	0.00039
-21.21	106.07	0.00036	-28.28	98.99	0.00033
-35.36	91.92	0.00030	-42.43	84.85	0.00027
-45.96	81.32	0.00026	-49.50	77.78	0.00025
-51.62	75.66	0.00025	-53.03	74.25	0.00024
-54.45	72.83	0.00024	-55.86	71.42	0.00023
-57.28	70.00	0.00023	-70.00	57.28	0.00020
-71.42	55.86	0.00020	-72.83	54.45	0.00020
-74.25	53.03	0.00020	-75.66	51.62	0.00019
-77.78	49.50	0.00019	-81.32	45.96	0.00019
-84.85	42.43	0.00018	-91.92	35.36	0.00018
-98.99	28.28	0.00018	-106.07	21.21	0.00019
-113.14	14.14	0.00019	-120.21	7.07	0.00020
-127.28	0.00	0.00021	-134.35	-7.07	0.00021
14.14	127.28	0.00057	7.07	120.21	0.00054
0.00	113.14	0.00050	-7.07	106.07	0.00046
-14.14	98.99	0.00042	-21.21	91.92	0.00038
-28.28	84.85	0.00034	-35.36	77.78	0.00031
-38.89	74.25	0.00030	-42.43	70.71	0.00028
-44.55	68.59	0.00028	-45.96	67.18	0.00027
-47.38	65.76	0.00027	-48.79	64.35	0.00026
-50.20	62.93	0.00026	-62.93	50.20	0.00022
-64.35	48.79	0.00022	-65.76	47.38	0.00022
-67.18	45.96	0.00022	-68.59	44.55	0.00021
-70.71	42.43	0.00021	-74.25	38.89	0.00021
-77.78	35.36	0.00020	-84.85	28.28	0.00020
-91.92	21.21	0.00020	-98.99	14.14	0.00021

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	7.07	0.00022	-113.14	0.00	0.00023
-120.21	-7.07	0.00024	-127.28	-14.14	0.00024
21.21	120.21	0.00065	14.14	113.14	0.00063
7.07	106.07	0.00059	0.00	98.99	0.00054
-7.07	91.92	0.00049	-14.14	84.85	0.00044
-21.21	77.78	0.00039	-28.28	70.71	0.00036
-31.82	67.18	0.00034	-35.36	63.64	0.00032
-37.48	61.52	0.00031	-38.89	60.10	0.00031
-40.31	58.69	0.00030	-41.72	57.28	0.00030
-43.13	55.86	0.00029	-55.86	43.13	0.00025
-57.28	41.72	0.00025	-58.69	40.31	0.00024
-60.10	38.89	0.00024	-61.52	37.48	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:
 PAGE 50

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00024	-67.18	31.82	0.00023
-70.71	28.28	0.00023	-77.78	21.21	0.00023
-84.85	14.14	0.00023	-91.92	7.07	0.00024
-98.99	0.00	0.00025	-106.07	-7.07	0.00026
-113.14	-14.14	0.00027	-120.21	-21.21	0.00027
28.28	113.14	0.00074	21.21	106.07	0.00073
14.14	98.99	0.00070	7.07	91.92	0.00065
0.00	84.85	0.00058	-7.07	77.78	0.00052
-14.14	70.71	0.00046	-21.21	63.64	0.00041
-24.75	60.10	0.00039	-28.28	56.57	0.00037
-30.41	54.45	0.00036	-31.82	53.03	0.00035
-33.23	51.62	0.00034	-34.65	50.20	0.00034
-36.06	48.79	0.00033	-48.79	36.06	0.00028
-50.20	34.65	0.00028	-51.62	33.23	0.00027
-53.03	31.82	0.00027	-54.45	30.41	0.00027
-56.57	28.28	0.00026	-60.10	24.75	0.00026
-63.64	21.21	0.00026	-70.71	14.14	0.00026
-77.78	7.07	0.00026	-84.85	0.00	0.00028
-91.92	-7.07	0.00029	-98.99	-14.14	0.00030
-106.07	-21.21	0.00031	-113.14	-28.28	0.00031
35.36	106.07	0.00083	28.28	98.99	0.00084
21.21	91.92	0.00082	14.14	84.85	0.00078

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

7.07	77.78	0.00071	0.00	70.71	0.00063
-7.07	63.64	0.00055	-14.14	56.57	0.00048
-17.68	53.03	0.00046	-21.21	49.50	0.00043
-23.33	47.38	0.00041	-24.75	45.96	0.00040
-26.16	44.55	0.00039	-27.58	43.13	0.00039
-28.99	41.72	0.00038	-41.72	28.99	0.00032
-43.13	27.58	0.00031	-44.55	26.16	0.00031
-45.96	24.75	0.00030	-47.38	23.33	0.00030
-49.50	21.21	0.00030	-53.03	17.68	0.00029
-56.57	14.14	0.00029	-63.64	7.07	0.00029
-70.71	0.00	0.00031	-77.78	-7.07	0.00032
-84.85	-14.14	0.00034	-91.92	-21.21	0.00035
-98.99	-28.28	0.00035	-106.07	-35.36	0.00035
42.43	98.99	0.00093	35.36	91.92	0.00096
28.28	84.85	0.00096	21.21	77.78	0.00093
14.14	70.71	0.00086	7.07	63.64	0.00077
0.00	56.57	0.00067	-7.07	49.50	0.00058
-10.61	45.96	0.00054	-14.14	42.43	0.00051

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
 PAGE 51
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00049	-17.68	38.89	0.00047
-19.09	37.48	0.00046	-20.51	36.06	0.00045
-21.92	34.65	0.00044	-34.65	21.92	0.00036
-36.06	20.51	0.00036	-37.48	19.09	0.00035
-38.89	17.68	0.00035	-40.31	16.26	0.00034
-42.43	14.14	0.00034	-45.96	10.61	0.00033
-49.50	7.07	0.00033	-56.57	0.00	0.00034
-63.64	-7.07	0.00036	-70.71	-14.14	0.00038
-77.78	-21.21	0.00039	-84.85	-28.28	0.00040
-91.92	-35.36	0.00040	-98.99	-42.43	0.00040
49.50	91.92	0.00102	42.43	84.85	0.00108
35.36	77.78	0.00112	28.28	70.71	0.00112
21.21	63.64	0.00106	14.14	56.57	0.00096
7.07	49.50	0.00083	0.00	42.43	0.00071
-3.54	38.89	0.00065	-7.07	35.36	0.00060
-9.19	33.23	0.00058	-10.61	31.82	0.00056

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-12.02	30.41	0.00054	-13.44	28.99	0.00053
-14.85	27.58	0.00051	-27.58	14.85	0.00041
-28.99	13.44	0.00041	-30.41	12.02	0.00040
-31.82	10.61	0.00040	-33.23	9.19	0.00039
-35.36	7.07	0.00039	-38.89	3.54	0.00038
-42.43	0.00	0.00039	-49.50	-7.07	0.00041
-56.57	-14.14	0.00043	-63.64	-21.21	0.00045
-70.71	-28.28	0.00046	-77.78	-35.36	0.00047
-84.85	-42.43	0.00046	-91.92	-49.50	0.00046
56.57	84.85	0.00111	49.50	77.78	0.00120
42.43	70.71	0.00128	35.36	63.64	0.00132
28.28	56.57	0.00130	21.21	49.50	0.00122
14.14	42.43	0.00106	7.07	35.36	0.00089
3.54	31.82	0.00081	0.00	28.28	0.00074
-2.12	26.16	0.00070	-3.54	24.75	0.00068
-4.95	23.33	0.00065	-6.36	21.92	0.00063
-7.78	20.51	0.00061	-20.51	7.78	0.00048
-21.92	6.36	0.00047	-23.33	4.95	0.00046
-24.75	3.54	0.00046	-26.16	2.12	0.00046
-28.28	0.00	0.00045	-31.82	-3.54	0.00045
-35.36	-7.07	0.00046	-42.43	-14.14	0.00049
-49.50	-21.21	0.00052	-56.57	-28.28	0.00054
-63.64	-35.36	0.00055	-70.71	-42.43	0.00055
-77.78	-49.50	0.00054	-84.85	-56.57	0.00054

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
 PAGE 52
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00117	56.57	70.71	0.00130
49.50	63.64	0.00143	42.43	56.57	0.00153
35.36	49.50	0.00157	28.28	42.43	0.00154
21.21	35.36	0.00139	14.14	28.28	0.00116
10.61	24.75	0.00104	7.07	21.21	0.00093
4.95	19.09	0.00088	3.54	17.68	0.00084
2.12	16.26	0.00080	0.71	14.85	0.00077
-0.71	13.44	0.00074	-13.44	0.71	0.00056
-14.85	-0.71	0.00055	-16.26	-2.12	0.00054
-17.68	-3.54	0.00054	-19.09	-4.95	0.00053

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-21.21	-7.07	0.00053	-24.75	-10.61	0.00054
-28.28	-14.14	0.00056	-35.36	-21.21	0.00060
-42.43	-28.28	0.00063	-49.50	-35.36	0.00065
-56.57	-42.43	0.00066	-63.64	-49.50	0.00065
-70.71	-56.57	0.00064	-77.78	-63.64	0.00063
70.71	70.71	0.00122	63.64	63.64	0.00139
56.57	56.57	0.00156	49.50	49.50	0.00172
42.43	42.43	0.00185	35.36	35.36	0.00191
28.28	28.28	0.00183	21.21	21.21	0.00158
17.68	17.68	0.00141	14.14	14.14	0.00123
12.02	12.02	0.00114	10.61	10.61	0.00108
9.19	9.19	0.00102	7.78	7.78	0.00097
6.36	6.36	0.00092	-6.36	-6.36	0.00066
-7.78	-7.78	0.00065	-9.19	-9.19	0.00064
-10.61	-10.61	0.00064	-12.02	-12.02	0.00064
-14.14	-14.14	0.00065	-17.68	-17.68	0.00067
-21.21	-21.21	0.00070	-28.28	-28.28	0.00075
-35.36	-35.36	0.00079	-42.43	-42.43	0.00080
-49.50	-49.50	0.00080	-56.57	-56.57	0.00079
-63.64	-63.64	0.00077	-70.71	-70.71	0.00073
77.78	63.64	0.00126	70.71	56.57	0.00145
63.64	49.50	0.00167	56.57	42.43	0.00189
49.50	35.36	0.00211	42.43	28.28	0.00229
35.36	21.21	0.00235	28.28	14.14	0.00218
24.75	10.61	0.00198	21.21	7.07	0.00173
19.09	4.95	0.00157	17.68	3.54	0.00146
16.26	2.12	0.00136	14.85	0.71	0.00127
13.44	-0.71	0.00119	0.71	-13.44	0.00079
-0.71	-14.85	0.00078	-2.12	-16.26	0.00078
-3.54	-17.68	0.00078	-4.95	-19.09	0.00079

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00081	-10.61	-24.75	0.00085
-14.14	-28.28	0.00089	-21.21	-35.36	0.00096
-28.28	-42.43	0.00099	-35.36	-49.50	0.00100
-42.43	-56.57	0.00098	-49.50	-63.64	0.00095

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-70.71	0.00090	-63.64	-77.78	0.00085
84.85	56.57	0.00127	77.78	49.50	0.00149
70.71	42.43	0.00174	63.64	35.36	0.00203
56.57	28.28	0.00233	49.50	21.21	0.00263
42.43	14.14	0.00287	35.36	7.07	0.00294
31.82	3.54	0.00283	28.28	0.00	0.00257
26.16	-2.12	0.00234	24.75	-3.54	0.00216
23.33	-4.95	0.00199	21.92	-6.36	0.00181
20.51	-7.78	0.00164	7.78	-20.51	0.00096
6.36	-21.92	0.00097	4.95	-23.33	0.00098
3.54	-24.75	0.00100	2.12	-26.16	0.00102
0.00	-28.28	0.00106	-3.54	-31.82	0.00112
-7.07	-35.36	0.00118	-14.14	-42.43	0.00126
-21.21	-49.50	0.00128	-28.28	-56.57	0.00126
-35.36	-63.64	0.00120	-42.43	-70.71	0.00113
-49.50	-77.78	0.00106	-56.57	-84.85	0.00098
91.92	49.50	0.00128	84.85	42.43	0.00151
77.78	35.36	0.00180	70.71	28.28	0.00213
63.64	21.21	0.00251	56.57	14.14	0.00292
49.50	7.07	0.00333	42.43	0.00	0.00368
38.89	-3.54	0.00378	35.36	-7.07	0.00374
33.23	-9.19	0.00360	31.82	-10.61	0.00343
30.41	-12.02	0.00320	28.99	-13.44	0.00292
27.58	-14.85	0.00260	14.85	-27.58	0.00124
13.44	-28.99	0.00127	12.02	-30.41	0.00131
10.61	-31.82	0.00136	9.19	-33.23	0.00140
7.07	-35.36	0.00146	3.54	-38.89	0.00156
0.00	-42.43	0.00163	-7.07	-49.50	0.00168
-14.14	-56.57	0.00164	-21.21	-63.64	0.00155
-28.28	-70.71	0.00145	-35.36	-77.78	0.00133
-42.43	-84.85	0.00122	-49.50	-91.92	0.00112
98.99	42.43	0.00126	91.92	35.36	0.00150
84.85	28.28	0.00181	77.78	21.21	0.00219
70.71	14.14	0.00263	63.64	7.07	0.00315
56.57	0.00	0.00371	49.50	-7.07	0.00430
45.96	-10.61	0.00458	42.43	-14.14	0.00481

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00490	38.89	-17.68	0.00491
37.48	-19.09	0.00490	36.06	-20.51	0.00480
34.65	-21.92	0.00456	21.92	-34.65	0.00190
20.51	-36.06	0.00197	19.09	-37.48	0.00203
17.68	-38.89	0.00208	16.26	-40.31	0.00212
14.14	-42.43	0.00217	10.61	-45.96	0.00222
7.07	-49.50	0.00223	0.00	-56.57	0.00217
-7.07	-63.64	0.00204	-14.14	-70.71	0.00188
-21.21	-77.78	0.00171	-28.28	-84.85	0.00154
-35.36	-91.92	0.00139	-42.43	-98.99	0.00126
106.07	35.36	0.00122	98.99	28.28	0.00146
91.92	21.21	0.00178	84.85	14.14	0.00218
77.78	7.07	0.00268	70.71	0.00	0.00328
63.64	-7.07	0.00398	56.57	-14.14	0.00475
53.03	-17.68	0.00516	49.50	-21.21	0.00556
47.38	-23.33	0.00576	45.96	-24.75	0.00587
44.55	-26.16	0.00595	43.13	-27.58	0.00606
41.72	-28.99	0.00610	28.99	-41.72	0.00341
27.58	-43.13	0.00327	26.16	-44.55	0.00318
24.75	-45.96	0.00312	23.33	-47.38	0.00308
21.21	-49.50	0.00304	17.68	-53.03	0.00298
14.14	-56.57	0.00290	7.07	-63.64	0.00271
0.00	-70.71	0.00247	-7.07	-77.78	0.00221
-14.14	-84.85	0.00197	-21.21	-91.92	0.00175
-28.28	-98.99	0.00156	-35.36	-106.07	0.00139
113.14	28.28	0.00116	106.07	21.21	0.00140
98.99	14.14	0.00171	91.92	7.07	0.00211
84.85	0.00	0.00263	77.78	-7.07	0.00329
70.71	-14.14	0.00408	63.64	-21.21	0.00496
60.10	-24.75	0.00543	56.57	-28.28	0.00588
54.45	-30.41	0.00611	53.03	-31.82	0.00623
51.62	-33.23	0.00630	50.20	-34.65	0.00636
48.79	-36.06	0.00640	36.06	-48.79	0.00426
34.65	-50.20	0.00414	33.23	-51.62	0.00405
31.82	-53.03	0.00397	30.41	-54.45	0.00390
28.28	-56.57	0.00380	24.75	-60.10	0.00364
21.21	-63.64	0.00349	14.14	-70.71	0.00317
7.07	-77.78	0.00283	0.00	-84.85	0.00250
-7.07	-91.92	0.00220	-14.14	-98.99	0.00193
-21.21	-106.07	0.00170	-28.28	-113.14	0.00150

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:47:39
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
120.21	21.21	0.00109	113.14	14.14	0.00131	
106.07	7.07	0.00160	98.99	0.00	0.00198	
91.92	-7.07	0.00249	84.85	-14.14	0.00317	
77.78	-21.21	0.00401	70.71	-28.28	0.00498	
67.18	-31.82	0.00547	63.64	-35.36	0.00594	
61.52	-37.48	0.00618	60.10	-38.89	0.00630	
58.69	-40.31	0.00638	57.28	-41.72	0.00641	
55.86	-43.13	0.00645	43.13	-55.86	0.00459	
41.72	-57.28	0.00452	40.31	-58.69	0.00446	
38.89	-60.10	0.00442	37.48	-61.52	0.00437	
35.36	-63.64	0.00430	31.82	-67.18	0.00415	
28.28	-70.71	0.00397	21.21	-77.78	0.00356	
14.14	-84.85	0.00313	7.07	-91.92	0.00273	
0.00	-98.99	0.00237	-7.07	-106.07	0.00207	
-14.14	-113.14	0.00181	-21.21	-120.21	0.00158	
127.28	14.14	0.00101	120.21	7.07	0.00121	
113.14	0.00	0.00146	106.07	-7.07	0.00181	
98.99	-14.14	0.00228	91.92	-21.21	0.00293	
84.85	-28.28	0.00379	77.78	-35.36	0.00482	
74.25	-38.89	0.00535	70.71	-42.43	0.00584	
68.59	-44.55	0.00609	67.18	-45.96	0.00623	
65.76	-47.38	0.00633	64.35	-48.79	0.00637	
62.93	-50.20	0.00641	50.20	-62.93	0.00474	
48.79	-64.35	0.00469	47.38	-65.76	0.00466	
45.96	-67.18	0.00463	44.55	-68.59	0.00460	
42.43	-70.71	0.00455	38.89	-74.25	0.00443	
35.36	-77.78	0.00426	28.28	-84.85	0.00383	
21.21	-91.92	0.00336	14.14	-98.99	0.00291	
7.07	-106.07	0.00251	0.00	-113.14	0.00216	
-7.07	-120.21	0.00187	-14.14	-127.28	0.00163	
134.35	7.07	0.00093	127.28	0.00	0.00110	
120.21	-7.07	0.00132	113.14	-14.14	0.00162	
106.07	-21.21	0.00203	98.99	-28.28	0.00260	
91.92	-35.36	0.00340	84.85	-42.43	0.00446	
81.32	-45.96	0.00504	77.78	-49.50	0.00560	
75.66	-51.62	0.00588	74.25	-53.03	0.00604	

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

72.83	-54.45	0.00616	71.42	-55.86	0.00623
70.00	-57.28	0.00627	57.28	-70.00	0.00480
55.86	-71.42	0.00476	54.45	-72.83	0.00473
53.03	-74.25	0.00471	51.62	-75.66	0.00469

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00465	45.96	-81.32	0.00454
42.43	-84.85	0.00438	35.36	-91.92	0.00396
28.28	-98.99	0.00348	21.21	-106.07	0.00300
14.14	-113.14	0.00257	7.07	-120.21	0.00221
0.00	-127.28	0.00190	-7.07	-134.35	0.00165
141.42	0.00	0.00084	134.35	-7.07	0.00099
127.28	-14.14	0.00118	120.21	-21.21	0.00143
113.14	-28.28	0.00176	106.07	-35.36	0.00222
98.99	-42.43	0.00289	91.92	-49.50	0.00387
88.39	-53.03	0.00449	84.85	-56.57	0.00513
82.73	-58.69	0.00548	81.32	-60.10	0.00568
79.90	-61.52	0.00585	78.49	-62.93	0.00596
77.07	-64.35	0.00603	64.35	-77.07	0.00477
62.93	-78.49	0.00473	61.52	-79.90	0.00472
60.10	-81.32	0.00470	58.69	-82.73	0.00467
56.57	-84.85	0.00463	53.03	-88.39	0.00451
49.50	-91.92	0.00435	42.43	-98.99	0.00394
35.36	-106.07	0.00346	28.28	-113.14	0.00299
21.21	-120.21	0.00256	14.14	-127.28	0.00220
7.07	-134.35	0.00189	0.00	-141.42	0.00164
148.49	-7.07	0.00075	141.42	-14.14	0.00087
134.35	-21.21	0.00103	127.28	-28.28	0.00123
120.21	-35.36	0.00149	113.14	-42.43	0.00185
106.07	-49.50	0.00234	98.99	-56.57	0.00310
95.46	-60.10	0.00363	91.92	-63.64	0.00429
89.80	-65.76	0.00472	88.39	-67.18	0.00499
86.97	-68.59	0.00524	85.56	-70.00	0.00543
84.15	-71.42	0.00559	71.42	-84.15	0.00466
70.00	-85.56	0.00461	68.59	-86.97	0.00459
67.18	-88.39	0.00456	65.76	-89.80	0.00453

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

63.64	-91.92	0.00447	60.10	-95.46	0.00434
56.57	-98.99	0.00417	49.50	-106.07	0.00376
42.43	-113.14	0.00331	35.36	-120.21	0.00287
28.28	-127.28	0.00247	21.21	-134.35	0.00213
14.14	-141.42	0.00184	7.07	-148.49	0.00160
155.56	-14.14	0.00066	148.49	-21.21	0.00076
141.42	-28.28	0.00088	134.35	-35.36	0.00104
127.28	-42.43	0.00124	120.21	-49.50	0.00149
113.14	-56.57	0.00183	106.07	-63.64	0.00232
102.53	-67.18	0.00266	98.99	-70.71	0.00311

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00345	95.46	-74.25	0.00372
94.05	-75.66	0.00401	92.63	-77.07	0.00433
91.22	-78.49	0.00463	78.49	-91.22	0.00442
77.07	-92.63	0.00435	75.66	-94.05	0.00430
74.25	-95.46	0.00425	72.83	-96.87	0.00420
70.71	-98.99	0.00412	67.18	-102.53	0.00397
63.64	-106.07	0.00380	56.57	-113.14	0.00342
49.50	-120.21	0.00303	42.43	-127.28	0.00266
35.36	-134.35	0.00232	28.28	-141.42	0.00201
21.21	-148.49	0.00175	14.14	-155.56	0.00153
162.63	-21.21	0.00057	155.56	-28.28	0.00064
148.49	-35.36	0.00074	141.42	-42.43	0.00085
134.35	-49.50	0.00099	127.28	-56.57	0.00116
120.21	-63.64	0.00137	113.14	-70.71	0.00164
109.60	-74.25	0.00181	106.07	-77.78	0.00200
103.94	-79.90	0.00212	102.53	-81.32	0.00221
101.12	-82.73	0.00232	99.70	-84.15	0.00246
98.29	-85.56	0.00266	85.56	-98.29	0.00378
84.15	-99.70	0.00368	82.73	-101.12	0.00360
81.32	-102.53	0.00355	79.90	-103.94	0.00351
77.78	-106.07	0.00345	74.25	-109.60	0.00334
70.71	-113.14	0.00323	63.64	-120.21	0.00297
56.57	-127.28	0.00267	49.50	-134.35	0.00238
42.43	-141.42	0.00210	35.36	-148.49	0.00185

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-155.56	0.00163	21.21	-162.63	0.00144
169.71	-28.28	0.00048	162.63	-35.36	0.00054
155.56	-42.43	0.00061	148.49	-49.50	0.00069
141.42	-56.57	0.00078	134.35	-63.64	0.00088
127.28	-70.71	0.00099	120.21	-77.78	0.00110
116.67	-81.32	0.00115	113.14	-84.85	0.00118
111.02	-86.97	0.00119	109.60	-88.39	0.00119
108.19	-89.80	0.00118	106.77	-91.22	0.00117
105.36	-92.63	0.00116	92.63	-105.36	0.00224
91.22	-106.77	0.00236	89.80	-108.19	0.00244
88.39	-109.60	0.00250	86.97	-111.02	0.00254
84.85	-113.14	0.00258	81.32	-116.67	0.00260
77.78	-120.21	0.00257	70.71	-127.28	0.00244
63.64	-134.35	0.00226	56.57	-141.42	0.00205
49.50	-148.49	0.00185	42.43	-155.56	0.00166
35.36	-162.63	0.00148	28.28	-169.71	0.00132

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00041	169.71	-42.43	0.00046
162.63	-49.50	0.00050	155.56	-56.57	0.00055
148.49	-63.64	0.00061	141.42	-70.71	0.00066
134.35	-77.78	0.00071	127.28	-84.85	0.00075
123.74	-88.39	0.00076	120.21	-91.92	0.00075
118.09	-94.05	0.00075	116.67	-95.46	0.00075
115.26	-96.87	0.00076	113.84	-98.29	0.00076
112.43	-99.70	0.00078	99.70	-112.43	0.00136
98.29	-113.84	0.00146	96.87	-115.26	0.00155
95.46	-116.67	0.00163	94.05	-118.09	0.00171
91.92	-120.21	0.00181	88.39	-123.74	0.00192
84.85	-127.28	0.00197	77.78	-134.35	0.00197
70.71	-141.42	0.00188	63.64	-148.49	0.00175
56.57	-155.56	0.00161	49.50	-162.63	0.00146
42.43	-169.71	0.00133	35.36	-176.78	0.00120
183.85	-42.43	0.00035	176.78	-49.50	0.00038
169.71	-56.57	0.00041	162.63	-63.64	0.00045
155.56	-70.71	0.00048	148.49	-77.78	0.00051

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-84.85	0.00053	134.35	-91.92	0.00054
130.81	-95.46	0.00054	127.28	-98.99	0.00054
125.16	-101.12	0.00055	123.74	-102.53	0.00056
122.33	-103.94	0.00057	120.92	-105.36	0.00059
119.50	-106.77	0.00061	106.77	-119.50	0.00097
105.36	-120.92	0.00103	103.94	-122.33	0.00108
102.53	-123.74	0.00113	101.12	-125.16	0.00119
98.99	-127.28	0.00126	95.46	-130.81	0.00136
91.92	-134.35	0.00144	84.85	-141.42	0.00153
77.78	-148.49	0.00152	70.71	-155.56	0.00146
63.64	-162.63	0.00138	56.57	-169.71	0.00128
49.50	-176.78	0.00118	42.43	-183.85	0.00109
190.92	-49.50	0.00030	183.85	-56.57	0.00032
176.78	-63.64	0.00034	169.71	-70.71	0.00036
162.63	-77.78	0.00038	155.56	-84.85	0.00039
148.49	-91.92	0.00040	141.42	-98.99	0.00041
137.89	-102.53	0.00042	134.35	-106.07	0.00043
132.23	-108.19	0.00044	130.81	-109.60	0.00046
129.40	-111.02	0.00047	127.99	-112.43	0.00048
126.57	-113.84	0.00050	113.84	-126.57	0.00074
112.43	-127.99	0.00078	111.02	-129.40	0.00081
109.60	-130.81	0.00085	108.19	-132.23	0.00088

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00093	102.53	-137.89	0.00100
98.99	-141.42	0.00106	91.92	-148.49	0.00116
84.85	-155.56	0.00120	77.78	-162.63	0.00120
70.71	-169.71	0.00116	63.64	-176.78	0.00111
56.57	-183.85	0.00104	49.50	-190.92	0.00097
197.99	-56.57	0.00026	190.92	-63.64	0.00027
183.85	-70.71	0.00029	176.78	-77.78	0.00030
169.71	-84.85	0.00031	162.63	-91.92	0.00031
155.56	-98.99	0.00032	148.49	-106.07	0.00033
144.96	-109.60	0.00034	141.42	-113.14	0.00036
139.30	-115.26	0.00037	137.89	-116.67	0.00038
136.47	-118.09	0.00039	135.06	-119.50	0.00041

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-120.92	0.00042	120.92	-133.64	0.00058
119.50	-135.06	0.00061	118.09	-136.47	0.00064
116.67	-137.89	0.00066	115.26	-139.30	0.00069
113.14	-141.42	0.00072	109.60	-144.96	0.00077
106.07	-148.49	0.00082	98.99	-155.56	0.00089
91.92	-162.63	0.00094	84.85	-169.71	0.00096
77.78	-176.78	0.00096	70.71	-183.85	0.00094
63.64	-190.92	0.00090	56.57	-197.99	0.00086
205.06	-63.64	0.00022	197.99	-70.71	0.00023
190.92	-77.78	0.00024	183.85	-84.85	0.00024
176.78	-91.92	0.00025	169.71	-98.99	0.00025
162.63	-106.07	0.00026	155.56	-113.14	0.00028
152.03	-116.67	0.00029	148.49	-120.21	0.00030
146.37	-122.33	0.00032	144.96	-123.74	0.00033
143.54	-125.16	0.00034	142.13	-126.57	0.00035
140.71	-127.99	0.00036	127.99	-140.71	0.00047
126.57	-142.13	0.00049	125.16	-143.54	0.00051
123.74	-144.96	0.00053	122.33	-146.37	0.00055
120.21	-148.49	0.00057	116.67	-152.03	0.00061
113.14	-155.56	0.00065	106.07	-162.63	0.00070
98.99	-169.71	0.00075	91.92	-176.78	0.00077
84.85	-183.85	0.00079	77.78	-190.92	0.00079
70.71	-197.99	0.00077	63.64	-205.06	0.00075
212.13	-70.71	0.00019	205.06	-77.78	0.00020
197.99	-84.85	0.00020	190.92	-91.92	0.00020
183.85	-98.99	0.00021	176.78	-106.07	0.00021
169.71	-113.14	0.00022	162.63	-120.21	0.00024
159.10	-123.74	0.00025	155.56	-127.28	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00027	152.03	-130.81	0.00028
150.61	-132.23	0.00029	149.20	-133.64	0.00030
147.79	-135.06	0.00031	135.06	-147.79	0.00039
133.64	-149.20	0.00040	132.23	-150.61	0.00042
130.81	-152.03	0.00043	129.40	-153.44	0.00045
127.28	-155.56	0.00047	123.74	-159.10	0.00050

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

120.21	-162.63	0.00052	113.14	-169.71	0.00057
106.07	-176.78	0.00060	98.99	-183.85	0.00063
91.92	-190.92	0.00065	84.85	-197.99	0.00066
77.78	-205.06	0.00066	70.71	-212.13	0.00065
219.20	-77.78	0.00016	212.13	-84.85	0.00017
205.06	-91.92	0.00017	197.99	-98.99	0.00017
190.92	-106.07	0.00018	183.85	-113.14	0.00018
176.78	-120.21	0.00019	169.71	-127.28	0.00021
166.17	-130.81	0.00022	162.63	-134.35	0.00023
160.51	-136.47	0.00024	159.10	-137.89	0.00024
157.68	-139.30	0.00025	156.27	-140.71	0.00026
154.86	-142.13	0.00026	142.13	-154.86	0.00033
140.71	-156.27	0.00034	139.30	-157.68	0.00035
137.89	-159.10	0.00036	136.47	-160.51	0.00037
134.35	-162.63	0.00039	130.81	-166.17	0.00041
127.28	-169.71	0.00043	120.21	-176.78	0.00047
113.14	-183.85	0.00050	106.07	-190.92	0.00052
98.99	-197.99	0.00054	91.92	-205.06	0.00055
84.85	-212.13	0.00056	77.78	-219.20	0.00056
226.27	-84.85	0.00014	219.20	-91.92	0.00014
212.13	-98.99	0.00015	205.06	-106.07	0.00015
197.99	-113.14	0.00015	190.92	-120.21	0.00016
183.85	-127.28	0.00017	176.78	-134.35	0.00018
173.24	-137.89	0.00019	169.71	-141.42	0.00020
167.58	-143.54	0.00021	166.17	-144.96	0.00021
164.76	-146.37	0.00022	163.34	-147.79	0.00023
161.93	-149.20	0.00023	149.20	-161.93	0.00028
147.79	-163.34	0.00029	146.37	-164.76	0.00030
144.96	-166.17	0.00030	143.54	-167.58	0.00031
141.42	-169.71	0.00032	137.89	-173.24	0.00034
134.35	-176.78	0.00036	127.28	-183.85	0.00039
120.21	-190.92	0.00042	113.14	-197.99	0.00044
106.07	-205.06	0.00045	98.99	-212.13	0.00046
91.92	-219.20	0.00047	84.85	-226.27	0.00048

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

233.35	-91.92	0.00012	226.27	-98.99	0.00012
219.20	-106.07	0.00013	212.13	-113.14	0.00013
205.06	-120.21	0.00013	197.99	-127.28	0.00014
190.92	-134.35	0.00015	183.85	-141.42	0.00016
180.31	-144.96	0.00017	176.78	-148.49	0.00018
174.66	-150.61	0.00019	173.24	-152.03	0.00019
171.83	-153.44	0.00019	170.41	-154.86	0.00020
169.00	-156.27	0.00020	156.27	-169.00	0.00024
154.86	-170.41	0.00025	153.44	-171.83	0.00025
152.03	-173.24	0.00026	150.61	-174.66	0.00027
148.49	-176.78	0.00028	144.96	-180.31	0.00029
141.42	-183.85	0.00031	134.35	-190.92	0.00034
127.28	-197.99	0.00036	120.21	-205.06	0.00037
113.14	-212.13	0.00038	106.07	-219.20	0.00040
98.99	-226.27	0.00040	91.92	-233.35	0.00041
240.42	-98.99	0.00011	233.35	-106.07	0.00011
226.27	-113.14	0.00011	219.20	-120.21	0.00012
212.13	-127.28	0.00012	205.06	-134.35	0.00013
197.99	-141.42	0.00013	190.92	-148.49	0.00015
187.38	-152.03	0.00015	183.85	-155.56	0.00016
181.73	-157.68	0.00017	180.31	-159.10	0.00017
178.90	-160.51	0.00017	177.48	-161.93	0.00018
176.07	-163.34	0.00018	163.34	-176.07	0.00021
161.93	-177.48	0.00022	160.51	-178.90	0.00022
159.10	-180.31	0.00023	157.68	-181.73	0.00023
155.56	-183.85	0.00024	152.03	-187.38	0.00025
148.49	-190.92	0.00027	141.42	-197.99	0.00029
134.35	-205.06	0.00031	127.28	-212.13	0.00032
120.21	-219.20	0.00033	113.14	-226.27	0.00034
106.07	-233.35	0.00035	98.99	-240.42	0.00036
247.49	-106.07	0.00010	240.42	-113.14	0.00010
233.35	-120.21	0.00010	226.27	-127.28	0.00010
219.20	-134.35	0.00011	212.13	-141.42	0.00011
205.06	-148.49	0.00012	197.99	-155.56	0.00013
194.45	-159.10	0.00014	190.92	-162.63	0.00014
188.80	-164.76	0.00015	187.38	-166.17	0.00015
185.97	-167.58	0.00015	184.55	-169.00	0.00016
183.14	-170.41	0.00016	170.41	-183.14	0.00019
169.00	-184.55	0.00019	167.58	-185.97	0.00019
166.17	-187.38	0.00020	164.76	-188.80	0.00020

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
162.63	-190.92	0.00021	159.10	-194.45	0.00022	
155.56	-197.99	0.00023	148.49	-205.06	0.00025	
141.42	-212.13	0.00027	134.35	-219.20	0.00028	
127.28	-226.27	0.00029	120.21	-233.35	0.00030	
113.14	-240.42	0.00030	106.07	-247.49	0.00031	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 18:47:39
 MODELOPTs: * Maximum train overlap at SE/NW Bound Direction ***
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 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-106.07	247.49	0.00021	-113.14	240.42	0.00019	
-120.21	233.35	0.00018	-127.28	226.27	0.00017	
-134.35	219.20	0.00016	-141.42	212.13	0.00015	
-148.49	205.06	0.00014	-155.56	197.99	0.00014	
-159.10	194.45	0.00013	-162.63	190.92	0.00013	
-164.76	188.80	0.00013	-166.17	187.38	0.00013	
-167.58	185.97	0.00012	-169.00	184.55	0.00012	
-170.41	183.14	0.00012	-183.14	170.41	0.00011	
-184.55	169.00	0.00011	-185.97	167.58	0.00011	
-187.38	166.17	0.00011	-188.80	164.76	0.00011	
-190.92	162.63	0.00011	-194.45	159.10	0.00011	
-197.99	155.56	0.00010	-205.06	148.49	0.00010	
-212.13	141.42	0.00010	-219.20	134.35	0.00010	
-226.27	127.28	0.00010	-233.35	120.21	0.00010	
-240.42	113.14	0.00010	-247.49	106.07	0.00011	
-98.99	240.42	0.00023	-106.07	233.35	0.00022	
-113.14	226.27	0.00020	-120.21	219.20	0.00019	
-127.28	212.13	0.00018	-134.35	205.06	0.00017	
-141.42	197.99	0.00016	-148.49	190.92	0.00015	
-152.03	187.38	0.00014	-155.56	183.85	0.00014	
-157.68	181.73	0.00014	-159.10	180.31	0.00014	
-160.51	178.90	0.00013	-161.93	177.48	0.00013	
-163.34	176.07	0.00013	-176.07	163.34	0.00012	

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-177.48	161.93	0.00012	-178.90	160.51	0.00012
-180.31	159.10	0.00012	-181.73	157.68	0.00012
-183.85	155.56	0.00011	-187.38	152.03	0.00011
-190.92	148.49	0.00011	-197.99	141.42	0.00011
-205.06	134.35	0.00011	-212.13	127.28	0.00011
-219.20	120.21	0.00011	-226.27	113.14	0.00011
-233.35	106.07	0.00011	-240.42	98.99	0.00012
-91.92	233.35	0.00026	-99.00	226.27	0.00024
-106.07	219.20	0.00022	-113.14	212.13	0.00021
-120.21	205.06	0.00020	-127.28	197.99	0.00018
-134.35	190.92	0.00017	-141.42	183.85	0.00016
-144.96	180.31	0.00016	-148.49	176.78	0.00015
-150.61	174.66	0.00015	-152.03	173.24	0.00015
-153.44	171.83	0.00015	-154.86	170.41	0.00014
-156.27	169.00	0.00014	-169.00	156.27	0.00013
-170.41	154.86	0.00013	-171.83	153.44	0.00013
-173.24	152.03	0.00013	-174.66	150.61	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00012	-180.31	144.96	0.00012
-183.85	141.42	0.00012	-190.92	134.35	0.00012
-197.99	127.28	0.00011	-205.06	120.21	0.00011
-212.13	113.14	0.00012	-219.20	106.07	0.00012
-226.27	98.99	0.00012	-233.35	91.92	0.00013
-84.85	226.27	0.00029	-91.92	219.20	0.00027
-99.00	212.13	0.00025	-106.07	205.06	0.00023
-113.14	197.99	0.00022	-120.21	190.92	0.00020
-127.28	183.85	0.00019	-134.35	176.78	0.00018
-137.89	173.24	0.00017	-141.42	169.71	0.00017
-143.54	167.58	0.00016	-144.96	166.17	0.00016
-146.37	164.76	0.00016	-147.79	163.34	0.00016
-149.20	161.93	0.00016	-161.93	149.20	0.00014
-163.34	147.79	0.00014	-164.76	146.37	0.00014
-166.17	144.96	0.00014	-167.58	143.54	0.00014
-169.71	141.42	0.00013	-173.24	137.89	0.00013
-176.78	134.35	0.00013	-183.85	127.28	0.00013

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	120.21	0.00012	-197.99	113.14	0.00012
-205.06	106.07	0.00013	-212.13	98.99	0.00013
-219.20	91.92	0.00013	-226.27	84.85	0.00014
-77.78	219.20	0.00033	-84.85	212.13	0.00031
-91.92	205.06	0.00028	-99.00	197.99	0.00026
-106.07	190.92	0.00024	-113.14	183.85	0.00023
-120.21	176.78	0.00021	-127.28	169.71	0.00020
-130.81	166.17	0.00019	-134.35	162.63	0.00018
-136.47	160.51	0.00018	-137.89	159.10	0.00018
-139.30	157.68	0.00017	-140.71	156.27	0.00017
-142.13	154.86	0.00017	-154.86	142.13	0.00015
-156.27	140.71	0.00015	-157.68	139.30	0.00015
-159.10	137.89	0.00015	-160.51	136.47	0.00015
-162.63	134.35	0.00015	-166.17	130.81	0.00014
-169.71	127.28	0.00014	-176.78	120.21	0.00014
-183.85	113.14	0.00014	-190.92	106.07	0.00014
-197.99	98.99	0.00014	-205.06	91.92	0.00014
-212.13	84.85	0.00015	-219.20	77.78	0.00015
-70.71	212.13	0.00038	-77.78	205.06	0.00035
-84.85	197.99	0.00032	-91.92	190.92	0.00030
-98.99	183.85	0.00027	-106.07	176.78	0.00025
-113.14	169.71	0.00024	-120.21	162.63	0.00022
-123.74	159.10	0.00021	-127.28	155.56	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00020	-130.81	152.03	0.00020
-132.23	150.61	0.00019	-133.64	149.20	0.00019
-135.06	147.79	0.00019	-147.79	135.06	0.00017
-149.20	133.64	0.00017	-150.61	132.23	0.00016
-152.03	130.81	0.00016	-153.44	129.40	0.00016
-155.56	127.28	0.00016	-159.10	123.74	0.00016
-162.63	120.21	0.00015	-169.71	113.14	0.00015
-176.78	106.07	0.00015	-183.85	98.99	0.00015
-190.92	91.92	0.00015	-197.99	84.85	0.00016
-205.06	77.78	0.00017	-212.13	70.71	0.00017
-63.64	205.06	0.00043	-70.71	197.99	0.00040

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	190.92	0.00037	-84.85	183.85	0.00034
-91.92	176.78	0.00031	-98.99	169.71	0.00029
-106.07	162.63	0.00026	-113.14	155.56	0.00024
-116.67	152.03	0.00023	-120.21	148.49	0.00023
-122.33	146.37	0.00022	-123.74	144.96	0.00022
-125.16	143.54	0.00021	-126.57	142.13	0.00021
-127.99	140.71	0.00021	-140.71	127.99	0.00018
-142.13	126.57	0.00018	-143.54	125.16	0.00018
-144.96	123.74	0.00018	-146.37	122.33	0.00018
-148.49	120.21	0.00017	-152.03	116.67	0.00017
-155.56	113.14	0.00017	-162.63	106.07	0.00016
-169.71	98.99	0.00016	-176.78	91.92	0.00017
-183.85	84.85	0.00017	-190.92	77.78	0.00018
-197.99	70.71	0.00019	-205.06	63.64	0.00019
-56.57	197.99	0.00049	-63.64	190.92	0.00047
-70.71	183.85	0.00043	-77.78	176.78	0.00039
-84.85	169.71	0.00036	-91.92	162.63	0.00033
-98.99	155.56	0.00030	-106.07	148.49	0.00027
-109.60	144.96	0.00026	-113.14	141.42	0.00025
-115.26	139.30	0.00025	-116.67	137.89	0.00024
-118.09	136.47	0.00024	-119.50	135.06	0.00023
-120.92	133.64	0.00023	-133.64	120.92	0.00020
-135.06	119.50	0.00020	-136.47	118.09	0.00020
-137.89	116.67	0.00020	-139.30	115.26	0.00019
-141.42	113.14	0.00019	-144.96	109.60	0.00019
-148.49	106.07	0.00018	-155.56	98.99	0.00018
-162.63	91.92	0.00018	-169.71	84.85	0.00019
-176.78	77.78	0.00019	-183.85	70.71	0.00020
-190.92	63.64	0.00021	-197.99	56.57	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTS:
 PAGE 66
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00057	-56.57	183.85	0.00054
-63.64	176.78	0.00050	-70.71	169.71	0.00046
-77.78	162.63	0.00042	-84.85	155.56	0.00038
-91.92	148.49	0.00034	-98.99	141.42	0.00031
-102.53	137.89	0.00030	-106.07	134.35	0.00028

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-108.19	132.23	0.00028	-109.60	130.81	0.00027
-111.02	129.40	0.00027	-112.43	127.99	0.00026
-113.84	126.57	0.00026	-126.57	113.84	0.00022
-127.99	112.43	0.00022	-129.40	111.02	0.00022
-130.81	109.60	0.00022	-132.23	108.19	0.00021
-134.35	106.07	0.00021	-137.89	102.53	0.00021
-141.42	98.99	0.00020	-148.49	91.92	0.00020
-155.56	84.85	0.00020	-162.63	77.78	0.00021
-169.71	70.71	0.00022	-176.78	63.64	0.00023
-183.85	56.57	0.00024	-190.92	49.50	0.00024
-42.43	183.85	0.00065	-49.50	176.78	0.00063
-56.57	169.71	0.00059	-63.64	162.63	0.00054
-70.71	155.56	0.00049	-77.78	148.49	0.00044
-84.85	141.42	0.00039	-91.92	134.35	0.00036
-95.46	130.81	0.00034	-98.99	127.28	0.00032
-101.12	125.16	0.00031	-102.53	123.74	0.00031
-103.94	122.33	0.00030	-105.36	120.92	0.00030
-106.77	119.50	0.00029	-119.50	106.77	0.00025
-120.92	105.36	0.00025	-122.33	103.94	0.00024
-123.74	102.53	0.00024	-125.16	101.12	0.00024
-127.28	98.99	0.00024	-130.81	95.46	0.00023
-134.35	91.92	0.00023	-141.42	84.85	0.00023
-148.49	77.78	0.00023	-155.56	70.71	0.00024
-162.63	63.64	0.00025	-169.71	56.57	0.00026
-176.78	49.50	0.00027	-183.85	42.43	0.00027
-35.36	176.78	0.00074	-42.43	169.71	0.00073
-49.50	162.63	0.00070	-56.57	155.56	0.00065
-63.64	148.49	0.00058	-70.71	141.42	0.00052
-77.78	134.35	0.00046	-84.85	127.28	0.00041
-88.39	123.74	0.00039	-91.92	120.21	0.00037
-94.05	118.09	0.00036	-95.46	116.67	0.00035
-96.87	115.26	0.00034	-98.29	113.84	0.00034
-99.70	112.43	0.00033	-112.43	99.70	0.00028
-113.84	98.29	0.00028	-115.26	96.87	0.00027
-116.67	95.46	0.00027	-118.09	94.05	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***
 18:47:39
 **MODELOPTS:
 PAGE 67
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

		18NCRA NAPA97-300_DPM_TRAV_ANN_SE-NW Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00026	-123.74	88.39	0.00026
-127.28	84.85	0.00026	-134.35	77.78	0.00026
-141.42	70.71	0.00026	-148.49	63.64	0.00028
-155.56	56.57	0.00029	-162.63	49.50	0.00030
-169.71	42.43	0.00031	-176.78	35.36	0.00031
-28.28	169.71	0.00083	-35.36	162.63	0.00084
-42.43	155.56	0.00082	-49.50	148.49	0.00078
-56.57	141.42	0.00071	-63.64	134.35	0.00063
-70.71	127.28	0.00055	-77.78	120.21	0.00048
-81.32	116.67	0.00046	-84.85	113.14	0.00043
-86.97	111.02	0.00041	-88.39	109.60	0.00040
-89.80	108.19	0.00039	-91.22	106.77	0.00039
-92.63	105.36	0.00038	-105.36	92.63	0.00032
-106.77	91.22	0.00031	-108.19	89.80	0.00031
-109.60	88.39	0.00030	-111.02	86.97	0.00030
-113.14	84.85	0.00030	-116.67	81.32	0.00029
-120.21	77.78	0.00029	-127.28	70.71	0.00029
-134.35	63.64	0.00031	-141.42	56.57	0.00032
-148.49	49.50	0.00034	-155.56	42.43	0.00035
-162.63	35.36	0.00035	-169.71	28.28	0.00035
-21.21	162.63	0.00093	-28.28	155.56	0.00096
-35.36	148.49	0.00096	-42.43	141.42	0.00093
-49.50	134.35	0.00086	-56.57	127.28	0.00077
-63.64	120.21	0.00067	-70.71	113.14	0.00058
-74.25	109.60	0.00054	-77.78	106.07	0.00051
-79.90	103.94	0.00049	-81.32	102.53	0.00047
-82.73	101.12	0.00046	-84.15	99.70	0.00045
-85.56	98.29	0.00044	-98.29	85.56	0.00036
-99.70	84.15	0.00036	-101.12	82.73	0.00035
-102.53	81.32	0.00035	-103.94	79.90	0.00034
-106.07	77.78	0.00034	-109.60	74.25	0.00033
-113.14	70.71	0.00033	-120.21	63.64	0.00034
-127.28	56.57	0.00036	-134.35	49.50	0.00038
-141.42	42.43	0.00039	-148.49	35.36	0.00040
-155.56	28.28	0.00040	-162.63	21.21	0.00040
-14.14	155.56	0.00102	-21.21	148.49	0.00108
-28.28	141.42	0.00112	-35.36	134.35	0.00112
-42.43	127.28	0.00106	-49.50	120.21	0.00096
-56.57	113.14	0.00083	-63.64	106.07	0.00071
-67.18	102.53	0.00065	-70.71	98.99	0.00060

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:47:39

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00058	-74.25	95.46	0.00056
-75.66	94.05	0.00054	-77.07	92.63	0.00053
-78.49	91.22	0.00051	-91.22	78.49	0.00041
-92.63	77.07	0.00041	-94.05	75.66	0.00040
-95.46	74.25	0.00040	-96.87	72.83	0.00039
-98.99	70.71	0.00039	-102.53	67.18	0.00038
-106.07	63.64	0.00039	-113.14	56.57	0.00041
-120.21	49.50	0.00043	-127.28	42.43	0.00045
-134.35	35.36	0.00046	-141.42	28.28	0.00047
-148.49	21.21	0.00046	-155.56	14.14	0.00046
-7.07	148.49	0.00111	-14.14	141.42	0.00120
-21.21	134.35	0.00128	-28.28	127.28	0.00132
-35.36	120.21	0.00130	-42.43	113.14	0.00122
-49.50	106.07	0.00106	-56.57	98.99	0.00089
-60.10	95.46	0.00081	-63.64	91.92	0.00074
-65.76	89.80	0.00070	-67.18	88.39	0.00068
-68.59	86.97	0.00065	-70.00	85.56	0.00063
-71.42	84.15	0.00061	-84.15	71.42	0.00048
-85.56	70.00	0.00047	-86.97	68.59	0.00046
-88.39	67.18	0.00046	-89.80	65.76	0.00046
-91.92	63.64	0.00045	-95.46	60.10	0.00045
-98.99	56.57	0.00046	-106.07	49.50	0.00049
-113.14	42.43	0.00052	-120.21	35.36	0.00054
-127.28	28.28	0.00055	-134.35	21.21	0.00055
-141.42	14.14	0.00054	-148.49	7.07	0.00054
0.00	141.42	0.00117	-7.07	134.35	0.00130
-14.14	127.28	0.00143	-21.21	120.21	0.00153
-28.28	113.14	0.00157	-35.36	106.07	0.00154
-42.43	98.99	0.00139	-49.50	91.92	0.00116
-53.03	88.39	0.00104	-56.57	84.85	0.00093
-58.69	82.73	0.00088	-60.10	81.32	0.00084
-61.52	79.90	0.00080	-62.93	78.49	0.00077
-64.35	77.07	0.00074	-77.07	64.35	0.00056
-78.49	62.93	0.00055	-79.90	61.52	0.00054
-81.32	60.10	0.00054	-82.73	58.69	0.00053
-84.85	56.57	0.00053	-88.39	53.03	0.00054
-91.92	49.50	0.00056	-98.99	42.43	0.00060

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	35.36	0.00063	-113.14	28.28	0.00065
-120.21	21.21	0.00066	-127.28	14.14	0.00065
-134.35	7.07	0.00064	-141.42	0.00	0.00063

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
 PAGE 69

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00122	0.00	127.28	0.00139
-7.07	120.21	0.00156	-14.14	113.14	0.00172
-21.21	106.07	0.00185	-28.28	98.99	0.00191
-35.36	91.92	0.00183	-42.43	84.85	0.00158
-45.96	81.32	0.00141	-49.50	77.78	0.00123
-51.62	75.66	0.00114	-53.03	74.25	0.00108
-54.45	72.83	0.00102	-55.86	71.42	0.00097
-57.28	70.00	0.00092	-70.00	57.28	0.00066
-71.42	55.86	0.00065	-72.83	54.45	0.00064
-74.25	53.03	0.00064	-75.66	51.62	0.00064
-77.78	49.50	0.00065	-81.32	45.96	0.00067
-84.85	42.43	0.00070	-91.92	35.36	0.00075
-98.99	28.28	0.00079	-106.07	21.21	0.00080
-113.14	14.14	0.00080	-120.21	7.07	0.00079
-127.28	0.00	0.00077	-134.35	-7.07	0.00073
14.14	127.28	0.00126	7.07	120.21	0.00145
0.00	113.14	0.00167	-7.07	106.07	0.00189
-14.14	98.99	0.00211	-21.21	91.92	0.00229
-28.28	84.85	0.00235	-35.36	77.78	0.00218
-38.89	74.25	0.00198	-42.43	70.71	0.00173
-44.55	68.59	0.00157	-45.96	67.18	0.00146
-47.38	65.76	0.00136	-48.79	64.35	0.00127
-50.20	62.93	0.00119	-62.93	50.20	0.00079
-64.35	48.79	0.00078	-65.76	47.38	0.00078
-67.18	45.96	0.00078	-68.59	44.55	0.00079
-70.71	42.43	0.00081	-74.25	38.89	0.00085
-77.78	35.36	0.00089	-84.85	28.28	0.00096
-91.92	21.21	0.00099	-98.99	14.14	0.00100
-106.07	7.07	0.00098	-113.14	0.00	0.00095
-120.21	-7.07	0.00090	-127.28	-14.14	0.00085
21.21	120.21	0.00127	14.14	113.14	0.00149

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

7.07	106.07	0.00174	0.00	98.99	0.00203
-7.07	91.92	0.00233	-14.14	84.85	0.00263
-21.21	77.78	0.00287	-28.28	70.71	0.00294
-31.82	67.18	0.00283	-35.36	63.64	0.00257
-37.48	61.52	0.00234	-38.89	60.10	0.00216
-40.31	58.69	0.00199	-41.72	57.28	0.00181
-43.13	55.86	0.00164	-55.86	43.13	0.00096
-57.28	41.72	0.00097	-58.69	40.31	0.00098
-60.10	38.89	0.00100	-61.52	37.48	0.00102

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
 PAGE 70
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00106	-67.18	31.82	0.00112
-70.71	28.28	0.00118	-77.78	21.21	0.00126
-84.85	14.14	0.00128	-91.92	7.07	0.00126
-98.99	0.00	0.00120	-106.07	-7.07	0.00113
-113.14	-14.14	0.00106	-120.21	-21.21	0.00098
28.28	113.14	0.00128	21.21	106.07	0.00151
14.14	98.99	0.00180	7.07	91.92	0.00213
0.00	84.85	0.00251	-7.07	77.78	0.00292
-14.14	70.71	0.00333	-21.21	63.64	0.00368
-24.75	60.10	0.00378	-28.28	56.57	0.00374
-30.41	54.45	0.00360	-31.82	53.03	0.00343
-33.23	51.62	0.00320	-34.65	50.20	0.00292
-36.06	48.79	0.00260	-48.79	36.06	0.00124
-50.20	34.65	0.00127	-51.62	33.23	0.00131
-53.03	31.82	0.00136	-54.45	30.41	0.00140
-56.57	28.28	0.00146	-60.10	24.75	0.00156
-63.64	21.21	0.00163	-70.71	14.14	0.00168
-77.78	7.07	0.00164	-84.85	0.00	0.00155
-91.92	-7.07	0.00145	-98.99	-14.14	0.00133
-106.07	-21.21	0.00122	-113.14	-28.28	0.00112
35.36	106.07	0.00126	28.28	98.99	0.00150
21.21	91.92	0.00181	14.14	84.85	0.00219
7.07	77.78	0.00263	0.00	70.71	0.00315
-7.07	63.64	0.00371	-14.14	56.57	0.00430
-17.68	53.03	0.00458	-21.21	49.50	0.00481

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-23.33	47.38	0.00490	-24.75	45.96	0.00491
-26.16	44.55	0.00490	-27.58	43.13	0.00480
-28.99	41.72	0.00456	-41.72	28.99	0.00190
-43.13	27.58	0.00197	-44.55	26.16	0.00203
-45.96	24.75	0.00208	-47.38	23.33	0.00212
-49.50	21.21	0.00217	-53.03	17.68	0.00222
-56.57	14.14	0.00223	-63.64	7.07	0.00217
-70.71	0.00	0.00204	-77.78	-7.07	0.00188
-84.85	-14.14	0.00171	-91.92	-21.21	0.00154
-98.99	-28.28	0.00139	-106.07	-35.36	0.00126
42.43	98.99	0.00122	35.36	91.92	0.00146
28.28	84.85	0.00178	21.21	77.78	0.00218
14.14	70.71	0.00268	7.07	63.64	0.00328
0.00	56.57	0.00398	-7.07	49.50	0.00475
-10.61	45.96	0.00516	-14.14	42.43	0.00556

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

18:47:39

**MODELOPTs:

PAGE 71

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00576	-17.68	38.89	0.00587
-19.09	37.48	0.00595	-20.51	36.06	0.00606
-21.92	34.65	0.00610	-34.65	21.92	0.00341
-36.06	20.51	0.00327	-37.48	19.09	0.00318
-38.89	17.68	0.00312	-40.31	16.26	0.00308
-42.43	14.14	0.00304	-45.96	10.61	0.00298
-49.50	7.07	0.00290	-56.57	0.00	0.00271
-63.64	-7.07	0.00247	-70.71	-14.14	0.00221
-77.78	-21.21	0.00197	-84.85	-28.28	0.00175
-91.92	-35.36	0.00156	-98.99	-42.43	0.00139
49.50	91.92	0.00116	42.43	84.85	0.00140
35.36	77.78	0.00171	28.28	70.71	0.00211
21.21	63.64	0.00263	14.14	56.57	0.00329
7.07	49.50	0.00408	0.00	42.43	0.00496
-3.54	38.89	0.00543	-7.07	35.36	0.00588
-9.19	33.23	0.00611	-10.61	31.82	0.00623
-12.02	30.41	0.00630	-13.44	28.99	0.00636
-14.85	27.58	0.00640	-27.58	14.85	0.00426
-28.99	13.44	0.00414	-30.41	12.02	0.00405

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	10.61	0.00397	-33.23	9.19	0.00390
-35.36	7.07	0.00380	-38.89	3.54	0.00364
-42.43	0.00	0.00349	-49.50	-7.07	0.00317
-56.57	-14.14	0.00283	-63.64	-21.21	0.00250
-70.71	-28.28	0.00220	-77.78	-35.36	0.00193
-84.85	-42.43	0.00170	-91.92	-49.50	0.00150
56.57	84.85	0.00109	49.50	77.78	0.00131
42.43	70.71	0.00160	35.36	63.64	0.00198
28.28	56.57	0.00249	21.21	49.50	0.00317
14.14	42.43	0.00401	7.07	35.36	0.00498
3.54	31.82	0.00547	0.00	28.28	0.00594
-2.12	26.16	0.00618	-3.54	24.75	0.00630
-4.95	23.33	0.00638	-6.36	21.92	0.00641
-7.78	20.51	0.00645	-20.51	7.78	0.00459
-21.92	6.36	0.00452	-23.33	4.95	0.00446
-24.75	3.54	0.00442	-26.16	2.12	0.00437
-28.28	0.00	0.00430	-31.82	-3.54	0.00415
-35.36	-7.07	0.00397	-42.43	-14.14	0.00356
-49.50	-21.21	0.00313	-56.57	-28.28	0.00273
-63.64	-35.36	0.00237	-70.71	-42.43	0.00207
-77.78	-49.50	0.00181	-84.85	-56.57	0.00158

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:

PAGE 72

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00101	56.57	70.71	0.00121
49.50	63.64	0.00146	42.43	56.57	0.00181
35.36	49.50	0.00228	28.28	42.43	0.00293
21.21	35.36	0.00379	14.14	28.28	0.00482
10.61	24.75	0.00535	7.07	21.21	0.00584
4.95	19.09	0.00609	3.54	17.68	0.00623
2.12	16.26	0.00633	0.71	14.85	0.00637
-0.71	13.44	0.00641	-13.44	0.71	0.00474
-14.85	-0.71	0.00469	-16.26	-2.12	0.00466
-17.68	-3.54	0.00463	-19.09	-4.95	0.00460
-21.21	-7.07	0.00455	-24.75	-10.61	0.00443
-28.28	-14.14	0.00426	-35.36	-21.21	0.00383
-42.43	-28.28	0.00336	-49.50	-35.36	0.00291

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-42.43	0.00251	-63.64	-49.50	0.00216
-70.71	-56.57	0.00187	-77.78	-63.64	0.00163
70.71	70.71	0.00093	63.64	63.64	0.00110
56.57	56.57	0.00132	49.50	49.50	0.00162
42.43	42.43	0.00203	35.36	35.36	0.00260
28.28	28.28	0.00340	21.21	21.21	0.00446
17.68	17.68	0.00504	14.14	14.14	0.00560
12.02	12.02	0.00588	10.61	10.61	0.00604
9.19	9.19	0.00616	7.78	7.78	0.00623
6.36	6.36	0.00627	-6.36	-6.36	0.00480
-7.78	-7.78	0.00476	-9.19	-9.19	0.00473
-10.61	-10.61	0.00471	-12.02	-12.02	0.00469
-14.14	-14.14	0.00465	-17.68	-17.68	0.00454
-21.21	-21.21	0.00438	-28.28	-28.28	0.00396
-35.36	-35.36	0.00348	-42.43	-42.43	0.00300
-49.50	-49.50	0.00257	-56.57	-56.57	0.00221
-63.64	-63.64	0.00190	-70.71	-70.71	0.00165
77.78	63.64	0.00084	70.71	56.57	0.00099
63.64	49.50	0.00118	56.57	42.43	0.00143
49.50	35.36	0.00176	42.43	28.28	0.00222
35.36	21.21	0.00289	28.28	14.14	0.00387
24.75	10.61	0.00449	21.21	7.07	0.00513
19.09	4.95	0.00548	17.68	3.54	0.00568
16.26	2.12	0.00585	14.85	0.71	0.00596
13.44	-0.71	0.00603	0.71	-13.44	0.00477
-0.71	-14.85	0.00473	-2.12	-16.26	0.00472
-3.54	-17.68	0.00470	-4.95	-19.09	0.00467

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
 PAGE 73
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00463	-10.61	-24.75	0.00451
-14.14	-28.28	0.00435	-21.21	-35.36	0.00394
-28.28	-42.43	0.00346	-35.36	-49.50	0.00299
-42.43	-56.57	0.00256	-49.50	-63.64	0.00220
-56.57	-70.71	0.00189	-63.64	-77.78	0.00164
84.85	56.57	0.00075	77.78	49.50	0.00087
70.71	42.43	0.00103	63.64	35.36	0.00123

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

56.57	28.28	0.00149	49.50	21.21	0.00185
42.43	14.14	0.00234	35.36	7.07	0.00310
31.82	3.54	0.00363	28.28	0.00	0.00429
26.16	-2.12	0.00472	24.75	-3.54	0.00499
23.33	-4.95	0.00524	21.92	-6.36	0.00543
20.51	-7.78	0.00559	7.78	-20.51	0.00466
6.36	-21.92	0.00461	4.95	-23.33	0.00459
3.54	-24.75	0.00456	2.12	-26.16	0.00453
0.00	-28.28	0.00447	-3.54	-31.82	0.00434
-7.07	-35.36	0.00417	-14.14	-42.43	0.00376
-21.21	-49.50	0.00331	-28.28	-56.57	0.00287
-35.36	-63.64	0.00247	-42.43	-70.71	0.00213
-49.50	-77.78	0.00184	-56.57	-84.85	0.00160
91.92	49.50	0.00066	84.85	42.43	0.00076
77.78	35.36	0.00088	70.71	28.28	0.00104
63.64	21.21	0.00124	56.57	14.14	0.00149
49.50	7.07	0.00183	42.43	0.00	0.00232
38.89	-3.54	0.00266	35.36	-7.07	0.00311
33.23	-9.19	0.00345	31.82	-10.61	0.00372
30.41	-12.02	0.00401	28.99	-13.44	0.00433
27.58	-14.85	0.00463	14.85	-27.58	0.00442
13.44	-28.99	0.00435	12.02	-30.41	0.00430
10.61	-31.82	0.00425	9.19	-33.23	0.00420
7.07	-35.36	0.00412	3.54	-38.89	0.00397
0.00	-42.43	0.00380	-7.07	-49.50	0.00342
-14.14	-56.57	0.00303	-21.21	-63.64	0.00266
-28.28	-70.71	0.00232	-35.36	-77.78	0.00201
-42.43	-84.85	0.00175	-49.50	-91.92	0.00153
98.99	42.43	0.00057	91.92	35.36	0.00064
84.85	28.28	0.00074	77.78	21.21	0.00085
70.71	14.14	0.00099	63.64	7.07	0.00116
56.57	0.00	0.00137	49.50	-7.07	0.00164
45.96	-10.61	0.00181	42.43	-14.14	0.00200

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00212	38.89	-17.68	0.00221

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

37.48	-19.09	0.00232	36.06	-20.51	0.00246
34.65	-21.92	0.00266	21.92	-34.65	0.00378
20.51	-36.06	0.00368	19.09	-37.48	0.00360
17.68	-38.89	0.00355	16.26	-40.31	0.00351
14.14	-42.43	0.00345	10.61	-45.96	0.00334
7.07	-49.50	0.00323	0.00	-56.57	0.00297
-7.07	-63.64	0.00267	-14.14	-70.71	0.00238
-21.21	-77.78	0.00210	-28.28	-84.85	0.00185
-35.36	-91.92	0.00163	-42.43	-98.99	0.00144
106.07	35.36	0.00048	98.99	28.28	0.00054
91.92	21.21	0.00061	84.85	14.14	0.00069
77.78	7.07	0.00078	70.71	0.00	0.00088
63.64	-7.07	0.00099	56.57	-14.14	0.00110
53.03	-17.68	0.00115	49.50	-21.21	0.00118
47.38	-23.33	0.00119	45.96	-24.75	0.00119
44.55	-26.16	0.00118	43.13	-27.58	0.00117
41.72	-28.99	0.00116	28.99	-41.72	0.00224
27.58	-43.13	0.00236	26.16	-44.55	0.00244
24.75	-45.96	0.00250	23.33	-47.38	0.00254
21.21	-49.50	0.00258	17.68	-53.03	0.00260
14.14	-56.57	0.00257	7.07	-63.64	0.00244
0.00	-70.71	0.00226	-7.07	-77.78	0.00205
-14.14	-84.85	0.00185	-21.21	-91.92	0.00166
-28.28	-98.99	0.00148	-35.36	-106.07	0.00132
113.14	28.28	0.00041	106.07	21.21	0.00046
98.99	14.14	0.00050	91.92	7.07	0.00055
84.85	0.00	0.00061	77.78	-7.07	0.00066
70.71	-14.14	0.00071	63.64	-21.21	0.00075
60.10	-24.75	0.00076	56.57	-28.28	0.00075
54.45	-30.41	0.00075	53.03	-31.82	0.00075
51.62	-33.23	0.00076	50.20	-34.65	0.00076
48.79	-36.06	0.00078	36.06	-48.79	0.00136
34.65	-50.20	0.00146	33.23	-51.62	0.00155
31.82	-53.03	0.00163	30.41	-54.45	0.00171
28.28	-56.57	0.00181	24.75	-60.10	0.00192
21.21	-63.64	0.00197	14.14	-70.71	0.00197
7.07	-77.78	0.00188	0.00	-84.85	0.00175
-7.07	-91.92	0.00161	-14.14	-98.99	0.00146
-21.21	-106.07	0.00133	-28.28	-113.14	0.00120

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00035	113.14	14.14	0.00038
106.07	7.07	0.00041	98.99	0.00	0.00045
91.92	-7.07	0.00048	84.85	-14.14	0.00051
77.78	-21.21	0.00053	70.71	-28.28	0.00054
67.18	-31.82	0.00054	63.64	-35.36	0.00054
61.52	-37.48	0.00055	60.10	-38.89	0.00056
58.69	-40.31	0.00057	57.28	-41.72	0.00059
55.86	-43.13	0.00061	43.13	-55.86	0.00097
41.72	-57.28	0.00103	40.31	-58.69	0.00108
38.89	-60.10	0.00113	37.48	-61.52	0.00119
35.36	-63.64	0.00126	31.82	-67.18	0.00136
28.28	-70.71	0.00144	21.21	-77.78	0.00153
14.14	-84.85	0.00152	7.07	-91.92	0.00146
0.00	-98.99	0.00138	-7.07	-106.07	0.00128
-14.14	-113.14	0.00118	-21.21	-120.21	0.00109
127.28	14.14	0.00030	120.21	7.07	0.00032
113.14	0.00	0.00034	106.07	-7.07	0.00036
98.99	-14.14	0.00038	91.92	-21.21	0.00039
84.85	-28.28	0.00040	77.78	-35.36	0.00041
74.25	-38.89	0.00042	70.71	-42.43	0.00043
68.59	-44.55	0.00044	67.18	-45.96	0.00046
65.76	-47.38	0.00047	64.35	-48.79	0.00048
62.93	-50.20	0.00050	50.20	-62.93	0.00074
48.79	-64.35	0.00078	47.38	-65.76	0.00081
45.96	-67.18	0.00085	44.55	-68.59	0.00088
42.43	-70.71	0.00093	38.89	-74.25	0.00100
35.36	-77.78	0.00106	28.28	-84.85	0.00116
21.21	-91.92	0.00120	14.14	-98.99	0.00120
7.07	-106.07	0.00116	0.00	-113.14	0.00111
-7.07	-120.21	0.00104	-14.14	-127.28	0.00097
134.35	7.07	0.00026	127.28	0.00	0.00027
120.21	-7.07	0.00029	113.14	-14.14	0.00030
106.07	-21.21	0.00031	98.99	-28.28	0.00031
91.92	-35.36	0.00032	84.85	-42.43	0.00033
81.32	-45.96	0.00034	77.78	-49.50	0.00036
75.66	-51.62	0.00037	74.25	-53.03	0.00038
72.83	-54.45	0.00039	71.42	-55.86	0.00041
70.00	-57.28	0.00042	57.28	-70.00	0.00058
55.86	-71.42	0.00061	54.45	-72.83	0.00064

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

53.03 -74.25 0.00066 51.62 -75.66 0.00069

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00072	45.96	-81.32	0.00077
42.43	-84.85	0.00082	35.36	-91.92	0.00089
28.28	-98.99	0.00094	21.21	-106.07	0.00096
14.14	-113.14	0.00096	7.07	-120.21	0.00094
0.00	-127.28	0.00090	-7.07	-134.35	0.00086
141.42	0.00	0.00022	134.35	-7.07	0.00023
127.28	-14.14	0.00024	120.21	-21.21	0.00024
113.14	-28.28	0.00025	106.07	-35.36	0.00025
98.99	-42.43	0.00026	91.92	-49.50	0.00028
88.39	-53.03	0.00029	84.85	-56.57	0.00030
82.73	-58.69	0.00032	81.32	-60.10	0.00033
79.90	-61.52	0.00034	78.49	-62.93	0.00035
77.07	-64.35	0.00036	64.35	-77.07	0.00047
62.93	-78.49	0.00049	61.52	-79.90	0.00051
60.10	-81.32	0.00053	58.69	-82.73	0.00055
56.57	-84.85	0.00057	53.03	-88.39	0.00061
49.50	-91.92	0.00065	42.43	-98.99	0.00070
35.36	-106.07	0.00074	28.28	-113.14	0.00077
21.21	-120.21	0.00079	14.14	-127.28	0.00079
7.07	-134.35	0.00077	0.00	-141.42	0.00075
148.49	-7.07	0.00019	141.42	-14.14	0.00020
134.35	-21.21	0.00020	127.28	-28.28	0.00020
120.21	-35.36	0.00021	113.14	-42.43	0.00021
106.07	-49.50	0.00022	98.99	-56.57	0.00024
95.46	-60.10	0.00025	91.92	-63.64	0.00026
89.80	-65.76	0.00027	88.39	-67.18	0.00028
86.97	-68.59	0.00029	85.56	-70.00	0.00030
84.15	-71.42	0.00031	71.42	-84.15	0.00039
70.00	-85.56	0.00040	68.59	-86.97	0.00042
67.18	-88.39	0.00043	65.76	-89.80	0.00045
63.64	-91.92	0.00047	60.10	-95.46	0.00050
56.57	-98.99	0.00052	49.50	-106.07	0.00057
42.43	-113.14	0.00060	35.36	-120.21	0.00063

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-127.28	0.00065	21.21	-134.35	0.00066
14.14	-141.42	0.00066	7.07	-148.49	0.00065
155.56	-14.14	0.00016	148.49	-21.21	0.00017
141.42	-28.28	0.00017	134.35	-35.36	0.00017
127.28	-42.43	0.00018	120.21	-49.50	0.00018
113.14	-56.57	0.00019	106.07	-63.64	0.00021
102.53	-67.18	0.00022	98.99	-70.71	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00024	95.46	-74.25	0.00024
94.05	-75.66	0.00025	92.63	-77.07	0.00026
91.22	-78.49	0.00026	78.49	-91.22	0.00033
77.07	-92.63	0.00034	75.66	-94.05	0.00035
74.25	-95.46	0.00036	72.83	-96.87	0.00037
70.71	-98.99	0.00039	67.18	-102.53	0.00041
63.64	-106.07	0.00043	56.57	-113.14	0.00047
49.50	-120.21	0.00050	42.43	-127.28	0.00052
35.36	-134.35	0.00054	28.28	-141.42	0.00055
21.21	-148.49	0.00056	14.14	-155.56	0.00056
162.63	-21.21	0.00014	155.56	-28.28	0.00014
148.49	-35.36	0.00015	141.42	-42.43	0.00015
134.35	-49.50	0.00015	127.28	-56.57	0.00016
120.21	-63.64	0.00017	113.14	-70.71	0.00018
109.60	-74.25	0.00019	106.07	-77.78	0.00020
103.94	-79.90	0.00021	102.53	-81.32	0.00021
101.12	-82.73	0.00022	99.70	-84.15	0.00023
98.29	-85.56	0.00023	85.56	-98.29	0.00028
84.15	-99.70	0.00029	82.73	-101.12	0.00030
81.32	-102.53	0.00030	79.90	-103.94	0.00031
77.78	-106.07	0.00032	74.25	-109.60	0.00034
70.71	-113.14	0.00036	63.64	-120.21	0.00039
56.57	-127.28	0.00042	49.50	-134.35	0.00044
42.43	-141.42	0.00045	35.36	-148.49	0.00046
28.28	-155.56	0.00047	21.21	-162.63	0.00048
169.71	-28.28	0.00012	162.63	-35.36	0.00012
155.56	-42.43	0.00013	148.49	-49.50	0.00013

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-56.57	0.00013	134.35	-63.64	0.00014
127.28	-70.71	0.00015	120.21	-77.78	0.00016
116.67	-81.32	0.00017	113.14	-84.85	0.00018
111.02	-86.97	0.00019	109.60	-88.39	0.00019
108.19	-89.80	0.00019	106.77	-91.22	0.00020
105.36	-92.63	0.00020	92.63	-105.36	0.00024
91.22	-106.77	0.00025	89.80	-108.19	0.00025
88.39	-109.60	0.00026	86.97	-111.02	0.00027
84.85	-113.14	0.00028	81.32	-116.67	0.00029
77.78	-120.21	0.00031	70.71	-127.28	0.00034
63.64	-134.35	0.00036	56.57	-141.42	0.00037
49.50	-148.49	0.00038	42.43	-155.56	0.00040
35.36	-162.63	0.00040	28.28	-169.71	0.00041

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00011	169.71	-42.43	0.00011
162.63	-49.50	0.00011	155.56	-56.57	0.00012
148.49	-63.64	0.00012	141.42	-70.71	0.00013
134.35	-77.78	0.00013	127.28	-84.85	0.00015
123.74	-88.39	0.00015	120.21	-91.92	0.00016
118.09	-94.05	0.00017	116.67	-95.46	0.00017
115.26	-96.87	0.00017	113.84	-98.29	0.00018
112.43	-99.70	0.00018	99.70	-112.43	0.00021
98.29	-113.84	0.00022	96.87	-115.26	0.00022
95.46	-116.67	0.00023	94.05	-118.09	0.00023
91.92	-120.21	0.00024	88.39	-123.74	0.00025
84.85	-127.28	0.00027	77.78	-134.35	0.00029
70.71	-141.42	0.00031	63.64	-148.49	0.00032
56.57	-155.56	0.00033	49.50	-162.63	0.00034
42.43	-169.71	0.00035	35.36	-176.78	0.00036
183.85	-42.43	0.00010	176.78	-49.50	0.00010
169.71	-56.57	0.00010	162.63	-63.64	0.00010
155.56	-70.71	0.00011	148.49	-77.78	0.00011
141.42	-84.85	0.00012	134.35	-91.92	0.00013
130.81	-95.46	0.00014	127.28	-98.99	0.00014
125.16	-101.12	0.00015	123.74	-102.53	0.00015

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

122.33	-103.94	0.00015	120.92	-105.36	0.00016
119.50	-106.77	0.00016	106.77	-119.50	0.00019
105.36	-120.92	0.00019	103.94	-122.33	0.00019
102.53	-123.74	0.00020	101.12	-125.16	0.00020
98.99	-127.28	0.00021	95.46	-130.81	0.00022
91.92	-134.35	0.00023	84.85	-141.42	0.00025
77.78	-148.49	0.00027	70.71	-155.56	0.00028
63.64	-162.63	0.00029	56.57	-169.71	0.00030
49.50	-176.78	0.00030	42.43	-183.85	0.00031
190.92	-49.50	0.00009	183.85	-56.57	0.00009
176.78	-63.64	0.00009	169.71	-70.71	0.00009
162.63	-77.78	0.00010	155.56	-84.85	0.00010
148.49	-91.92	0.00011	141.42	-98.99	0.00012
137.89	-102.53	0.00012	134.35	-106.07	0.00013
132.23	-108.19	0.00013	130.81	-109.60	0.00014
129.40	-111.02	0.00014	127.99	-112.43	0.00014
126.57	-113.84	0.00014	113.84	-126.57	0.00017
112.43	-127.99	0.00017	111.02	-129.40	0.00017
109.60	-130.81	0.00017	108.19	-132.23	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00018	102.53	-137.89	0.00019
98.99	-141.42	0.00020	91.92	-148.49	0.00022
84.85	-155.56	0.00023	77.78	-162.63	0.00024
70.71	-169.71	0.00025	63.64	-176.78	0.00026
56.57	-183.85	0.00027	49.50	-190.92	0.00027
197.99	-56.57	0.00008	190.92	-63.64	0.00008
183.85	-70.71	0.00008	176.78	-77.78	0.00009
169.71	-84.85	0.00009	162.63	-91.92	0.00009
155.56	-98.99	0.00010	148.49	-106.07	0.00011
144.96	-109.60	0.00011	141.42	-113.14	0.00012
139.30	-115.26	0.00012	137.89	-116.67	0.00012
136.47	-118.09	0.00013	135.06	-119.50	0.00013
133.64	-120.92	0.00013	120.92	-133.64	0.00015
119.50	-135.06	0.00015	118.09	-136.47	0.00015
116.67	-137.89	0.00016	115.26	-139.30	0.00016

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

113.14	-141.42	0.00016	109.60	-144.96	0.00017
106.07	-148.49	0.00018	98.99	-155.56	0.00019
91.92	-162.63	0.00021	84.85	-169.71	0.00022
77.78	-176.78	0.00022	70.71	-183.85	0.00023
63.64	-190.92	0.00024	56.57	-197.99	0.00024
205.06	-63.64	0.00007	197.99	-70.71	0.00007
190.92	-77.78	0.00008	183.85	-84.85	0.00008
176.78	-91.92	0.00008	169.71	-98.99	0.00009
162.63	-106.07	0.00009	155.56	-113.14	0.00010
152.03	-116.67	0.00010	148.49	-120.21	0.00011
146.37	-122.33	0.00011	144.96	-123.74	0.00011
143.54	-125.16	0.00011	142.13	-126.57	0.00012
140.71	-127.99	0.00012	127.99	-140.71	0.00013
126.57	-142.13	0.00013	125.16	-143.54	0.00014
123.74	-144.96	0.00014	122.33	-146.37	0.00014
120.21	-148.49	0.00015	116.67	-152.03	0.00015
113.14	-155.56	0.00016	106.07	-162.63	0.00017
98.99	-169.71	0.00018	91.92	-176.78	0.00019
84.85	-183.85	0.00020	77.78	-190.92	0.00021
70.71	-197.99	0.00021	63.64	-205.06	0.00022
212.13	-70.71	0.00006	205.06	-77.78	0.00007
197.99	-84.85	0.00007	190.92	-91.92	0.00007
183.85	-98.99	0.00008	176.78	-106.07	0.00008
169.71	-113.14	0.00009	162.63	-120.21	0.00009
159.10	-123.74	0.00010	155.56	-127.28	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 , ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00010	152.03	-130.81	0.00010
150.61	-132.23	0.00010	149.20	-133.64	0.00011
147.79	-135.06	0.00011	135.06	-147.79	0.00012
133.64	-149.20	0.00012	132.23	-150.61	0.00012
130.81	-152.03	0.00013	129.40	-153.44	0.00013
127.28	-155.56	0.00013	123.74	-159.10	0.00014
120.21	-162.63	0.00014	113.14	-169.71	0.00015
106.07	-176.78	0.00016	98.99	-183.85	0.00017
91.92	-190.92	0.00018	84.85	-197.99	0.00018

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-205.06	0.00019	70.71	-212.13	0.00019
219.20	-77.78	0.00006	212.13	-84.85	0.00006
205.06	-91.92	0.00006	197.99	-98.99	0.00007
190.92	-106.07	0.00007	183.85	-113.14	0.00007
176.78	-120.21	0.00008	169.71	-127.28	0.00008
166.17	-130.81	0.00009	162.63	-134.35	0.00009
160.51	-136.47	0.00009	159.10	-137.89	0.00009
157.68	-139.30	0.00010	156.27	-140.71	0.00010
154.86	-142.13	0.00010	142.13	-154.86	0.00011
140.71	-156.27	0.00011	139.30	-157.68	0.00011
137.89	-159.10	0.00011	136.47	-160.51	0.00012
134.35	-162.63	0.00012	130.81	-166.17	0.00012
127.28	-169.71	0.00013	120.21	-176.78	0.00014
113.14	-183.85	0.00015	106.07	-190.92	0.00015
98.99	-197.99	0.00016	91.92	-205.06	0.00017
84.85	-212.13	0.00017	77.78	-219.20	0.00017
226.27	-84.85	0.00006	219.20	-91.92	0.00006
212.13	-98.99	0.00006	205.06	-106.07	0.00006
197.99	-113.14	0.00006	190.92	-120.21	0.00007
183.85	-127.28	0.00007	176.78	-134.35	0.00008
173.24	-137.89	0.00008	169.71	-141.42	0.00008
167.58	-143.54	0.00009	166.17	-144.96	0.00009
164.76	-146.37	0.00009	163.34	-147.79	0.00009
161.93	-149.20	0.00009	149.20	-161.93	0.00010
147.79	-163.34	0.00010	146.37	-164.76	0.00010
144.96	-166.17	0.00010	143.54	-167.58	0.00011
141.42	-169.71	0.00011	137.89	-173.24	0.00011
134.35	-176.78	0.00012	127.28	-183.85	0.00012
120.21	-190.92	0.00013	113.14	-197.99	0.00014
106.07	-205.06	0.00015	98.99	-212.13	0.00015
91.92	-219.20	0.00015	84.85	-226.27	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00005	226.27	-98.99	0.00005
219.20	-106.07	0.00006	212.13	-113.14	0.00006
205.06	-120.21	0.00006	197.99	-127.28	0.00006

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-134.35	0.00007	183.85	-141.42	0.00007
180.31	-144.96	0.00008	176.78	-148.49	0.00008
174.66	-150.61	0.00008	173.24	-152.03	0.00008
171.83	-153.44	0.00008	170.41	-154.86	0.00008
169.00	-156.27	0.00008	156.27	-169.00	0.00009
154.86	-170.41	0.00009	153.44	-171.83	0.00009
152.03	-173.24	0.00009	150.61	-174.66	0.00010
148.49	-176.78	0.00010	144.96	-180.31	0.00010
141.42	-183.85	0.00011	134.35	-190.92	0.00011
127.28	-197.99	0.00012	120.21	-205.06	0.00013
113.14	-212.13	0.00013	106.07	-219.20	0.00014
98.99	-226.27	0.00014	91.92	-233.35	0.00014
240.42	-98.99	0.00005	233.35	-106.07	0.00005
226.27	-113.14	0.00005	219.20	-120.21	0.00005
212.13	-127.28	0.00006	205.06	-134.35	0.00006
197.99	-141.42	0.00006	190.92	-148.49	0.00007
187.38	-152.03	0.00007	183.85	-155.56	0.00007
181.73	-157.68	0.00007	180.31	-159.10	0.00007
178.90	-160.51	0.00007	177.48	-161.93	0.00008
176.07	-163.34	0.00008	163.34	-176.07	0.00008
161.93	-177.48	0.00009	160.51	-178.90	0.00009
159.10	-180.31	0.00009	157.68	-181.73	0.00009
155.56	-183.85	0.00009	152.03	-187.38	0.00009
148.49	-190.92	0.00010	141.42	-197.99	0.00010
134.35	-205.06	0.00011	127.28	-212.13	0.00012
120.21	-219.20	0.00012	113.14	-226.27	0.00013
106.07	-233.35	0.00013	98.99	-240.42	0.00013
247.49	-106.07	0.00005	240.42	-113.14	0.00005
233.35	-120.21	0.00005	226.27	-127.28	0.00005
219.20	-134.35	0.00005	212.13	-141.42	0.00006
205.06	-148.49	0.00006	197.99	-155.56	0.00006
194.45	-159.10	0.00007	190.92	-162.63	0.00007
188.80	-164.76	0.00007	187.38	-166.17	0.00007
185.97	-167.58	0.00007	184.55	-169.00	0.00007
183.14	-170.41	0.00007	170.41	-183.14	0.00008
169.00	-184.55	0.00008	167.58	-185.97	0.00008
166.17	-187.38	0.00008	164.76	-188.80	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00008	159.10	-194.45	0.00009
155.56	-197.99	0.00009	148.49	-205.06	0.00009
141.42	-212.13	0.00010	134.35	-219.20	0.00011
127.28	-226.27	0.00011	120.21	-233.35	0.00011
113.14	-240.42	0.00012	106.07	-247.49	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00065	-113.14	240.42	0.00063
-120.21	233.35	0.00059	-127.28	226.27	0.00054
-134.35	219.20	0.00049	-141.42	212.13	0.00044
-148.49	205.06	0.00039	-155.56	197.99	0.00036
-159.10	194.45	0.00034	-162.63	190.92	0.00032
-164.76	188.80	0.00031	-166.17	187.38	0.00031
-167.58	185.97	0.00030	-169.00	184.55	0.00030
-170.41	183.14	0.00029	-183.14	170.41	0.00025
-184.55	169.00	0.00025	-185.97	167.58	0.00024
-187.38	166.17	0.00024	-188.80	164.76	0.00024
-190.92	162.63	0.00024	-194.45	159.10	0.00023
-197.99	155.56	0.00023	-205.06	148.49	0.00023
-212.13	141.42	0.00023	-219.20	134.35	0.00024
-226.27	127.28	0.00025	-233.35	120.21	0.00026
-240.42	113.14	0.00027	-247.49	106.07	0.00027
-98.99	240.42	0.00074	-106.07	233.35	0.00073
-113.14	226.27	0.00070	-120.21	219.20	0.00065
-127.28	212.13	0.00058	-134.35	205.06	0.00052
-141.42	197.99	0.00046	-148.49	190.92	0.00041
-152.03	187.38	0.00039	-155.56	183.85	0.00037
-157.68	181.73	0.00036	-159.10	180.31	0.00035
-160.51	178.90	0.00034	-161.93	177.48	0.00034
-163.34	176.07	0.00033	-176.07	163.34	0.00028
-177.48	161.93	0.00028	-178.90	160.51	0.00027
-180.31	159.10	0.00027	-181.73	157.68	0.00027
-183.85	155.56	0.00026	-187.38	152.03	0.00026

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	148.49	0.00026	-197.99	141.42	0.00026
-205.06	134.35	0.00026	-212.13	127.28	0.00028
-219.20	120.21	0.00029	-226.27	113.14	0.00030
-233.35	106.07	0.00031	-240.42	98.99	0.00031
-91.92	233.35	0.00083	-99.00	226.27	0.00084
-106.07	219.20	0.00082	-113.14	212.13	0.00078
-120.21	205.06	0.00071	-127.28	197.99	0.00063
-134.35	190.92	0.00055	-141.42	183.85	0.00048
-144.96	180.31	0.00046	-148.49	176.78	0.00043
-150.61	174.66	0.00041	-152.03	173.24	0.00040
-153.44	171.83	0.00039	-154.86	170.41	0.00039
-156.27	169.00	0.00038	-169.00	156.27	0.00032
-170.41	154.86	0.00031	-171.83	153.44	0.00031
-173.24	152.03	0.00030	-174.66	150.61	0.00030

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00030	-180.31	144.96	0.00029
-183.85	141.42	0.00029	-190.92	134.35	0.00029
-197.99	127.28	0.00031	-205.06	120.21	0.00032
-212.13	113.14	0.00034	-219.20	106.07	0.00035
-226.27	98.99	0.00035	-233.35	91.92	0.00035
-84.85	226.27	0.00093	-91.92	219.20	0.00096
-99.00	212.13	0.00096	-106.07	205.06	0.00093
-113.14	197.99	0.00086	-120.21	190.92	0.00077
-127.28	183.85	0.00067	-134.35	176.78	0.00058
-137.89	173.24	0.00054	-141.42	169.71	0.00051
-143.54	167.58	0.00049	-144.96	166.17	0.00047
-146.37	164.76	0.00046	-147.79	163.34	0.00045
-149.20	161.93	0.00044	-161.93	149.20	0.00036
-163.34	147.79	0.00036	-164.76	146.37	0.00035
-166.17	144.96	0.00035	-167.58	143.54	0.00034
-169.71	141.42	0.00034	-173.24	137.89	0.00033
-176.78	134.35	0.00033	-183.85	127.28	0.00034
-190.92	120.21	0.00036	-197.99	113.14	0.00038
-205.06	106.07	0.00039	-212.13	98.99	0.00040
-219.20	91.92	0.00040	-226.27	84.85	0.00040

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	219.20	0.00102	-84.85	212.13	0.00108
-91.92	205.06	0.00112	-99.00	197.99	0.00112
-106.07	190.92	0.00106	-113.14	183.85	0.00096
-120.21	176.78	0.00083	-127.28	169.71	0.00071
-130.81	166.17	0.00065	-134.35	162.63	0.00060
-136.47	160.51	0.00058	-137.89	159.10	0.00056
-139.30	157.68	0.00054	-140.71	156.27	0.00053
-142.13	154.86	0.00051	-154.86	142.13	0.00041
-156.27	140.71	0.00041	-157.68	139.30	0.00040
-159.10	137.89	0.00040	-160.51	136.47	0.00039
-162.63	134.35	0.00039	-166.17	130.81	0.00038
-169.71	127.28	0.00039	-176.78	120.21	0.00041
-183.85	113.14	0.00043	-190.92	106.07	0.00045
-197.99	98.99	0.00046	-205.06	91.92	0.00047
-212.13	84.85	0.00046	-219.20	77.78	0.00046
-70.71	212.13	0.00111	-77.78	205.06	0.00120
-84.85	197.99	0.00128	-91.92	190.92	0.00132
-98.99	183.85	0.00130	-106.07	176.78	0.00122
-113.14	169.71	0.00106	-120.21	162.63	0.00089
-123.74	159.10	0.00081	-127.28	155.56	0.00074

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00070	-130.81	152.03	0.00068
-132.23	150.61	0.00065	-133.64	149.20	0.00063
-135.06	147.79	0.00061	-147.79	135.06	0.00048
-149.20	133.64	0.00047	-150.61	132.23	0.00046
-152.03	130.81	0.00046	-153.44	129.40	0.00046
-155.56	127.28	0.00045	-159.10	123.74	0.00045
-162.63	120.21	0.00046	-169.71	113.14	0.00049
-176.78	106.07	0.00052	-183.85	98.99	0.00054
-190.92	91.92	0.00055	-197.99	84.85	0.00055
-205.06	77.78	0.00054	-212.13	70.71	0.00054
-63.64	205.06	0.00117	-70.71	197.99	0.00130
-77.78	190.92	0.00143	-84.85	183.85	0.00153
-91.92	176.78	0.00157	-98.99	169.71	0.00154
-106.07	162.63	0.00139	-113.14	155.56	0.00116

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-116.67	152.03	0.00104	-120.21	148.49	0.00093
-122.33	146.37	0.00088	-123.74	144.96	0.00084
-125.16	143.54	0.00080	-126.57	142.13	0.00077
-127.99	140.71	0.00074	-140.71	127.99	0.00056
-142.13	126.57	0.00055	-143.54	125.16	0.00054
-144.96	123.74	0.00054	-146.37	122.33	0.00053
-148.49	120.21	0.00053	-152.03	116.67	0.00054
-155.56	113.14	0.00056	-162.63	106.07	0.00060
-169.71	98.99	0.00063	-176.78	91.92	0.00065
-183.85	84.85	0.00066	-190.92	77.78	0.00065
-197.99	70.71	0.00064	-205.06	63.64	0.00063
-56.57	197.99	0.00122	-63.64	190.92	0.00139
-70.71	183.85	0.00156	-77.78	176.78	0.00172
-84.85	169.71	0.00185	-91.92	162.63	0.00191
-98.99	155.56	0.00183	-106.07	148.49	0.00158
-109.60	144.96	0.00141	-113.14	141.42	0.00123
-115.26	139.30	0.00114	-116.67	137.89	0.00108
-118.09	136.47	0.00102	-119.50	135.06	0.00097
-120.92	133.64	0.00092	-133.64	120.92	0.00066
-135.06	119.50	0.00065	-136.47	118.09	0.00064
-137.89	116.67	0.00064	-139.30	115.26	0.00064
-141.42	113.14	0.00065	-144.96	109.60	0.00067
-148.49	106.07	0.00070	-155.56	98.99	0.00075
-162.63	91.92	0.00079	-169.71	84.85	0.00080
-176.78	77.78	0.00080	-183.85	70.71	0.00079
-190.92	63.64	0.00077	-197.99	56.57	0.00073

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00126	-56.57	183.85	0.00145
-63.64	176.78	0.00167	-70.71	169.71	0.00189
-77.78	162.63	0.00211	-84.85	155.56	0.00229
-91.92	148.49	0.00235	-98.99	141.42	0.00218
-102.53	137.89	0.00198	-106.07	134.35	0.00173
-108.19	132.23	0.00157	-109.60	130.81	0.00146
-111.02	129.40	0.00136	-112.43	127.99	0.00127
-113.84	126.57	0.00119	-126.57	113.84	0.00079

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	112.43	0.00078	-129.40	111.02	0.00078
-130.81	109.60	0.00078	-132.23	108.19	0.00079
-134.35	106.07	0.00081	-137.89	102.53	0.00085
-141.42	98.99	0.00089	-148.49	91.92	0.00096
-155.56	84.85	0.00099	-162.63	77.78	0.00100
-169.71	70.71	0.00098	-176.78	63.64	0.00095
-183.85	56.57	0.00090	-190.92	49.50	0.00085
-42.43	183.85	0.00127	-49.50	176.78	0.00149
-56.57	169.71	0.00174	-63.64	162.63	0.00203
-70.71	155.56	0.00233	-77.78	148.49	0.00263
-84.85	141.42	0.00287	-91.92	134.35	0.00294
-95.46	130.81	0.00283	-98.99	127.28	0.00257
-101.12	125.16	0.00234	-102.53	123.74	0.00216
-103.94	122.33	0.00199	-105.36	120.92	0.00181
-106.77	119.50	0.00164	-119.50	106.77	0.00096
-120.92	105.36	0.00097	-122.33	103.94	0.00098
-123.74	102.53	0.00100	-125.16	101.12	0.00102
-127.28	98.99	0.00106	-130.81	95.46	0.00112
-134.35	91.92	0.00118	-141.42	84.85	0.00126
-148.49	77.78	0.00128	-155.56	70.71	0.00126
-162.63	63.64	0.00120	-169.71	56.57	0.00113
-176.78	49.50	0.00106	-183.85	42.43	0.00098
-35.36	176.78	0.00128	-42.43	169.71	0.00151
-49.50	162.63	0.00180	-56.57	155.56	0.00213
-63.64	148.49	0.00251	-70.71	141.42	0.00292
-77.78	134.35	0.00333	-84.85	127.28	0.00368
-88.39	123.74	0.00378	-91.92	120.21	0.00374
-94.05	118.09	0.00360	-95.46	116.67	0.00343
-96.87	115.26	0.00320	-98.29	113.84	0.00292
-99.70	112.43	0.00260	-112.43	99.70	0.00124
-113.84	98.29	0.00127	-115.26	96.87	0.00131
-116.67	95.46	0.00136	-118.09	94.05	0.00140

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00146	-123.74	88.39	0.00156
-127.28	84.85	0.00163	-134.35	77.78	0.00168

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	70.71	0.00164	-148.49	63.64	0.00155
-155.56	56.57	0.00145	-162.63	49.50	0.00133
-169.71	42.43	0.00122	-176.78	35.36	0.00112
-28.28	169.71	0.00126	-35.36	162.63	0.00150
-42.43	155.56	0.00181	-49.50	148.49	0.00219
-56.57	141.42	0.00263	-63.64	134.35	0.00315
-70.71	127.28	0.00371	-77.78	120.21	0.00430
-81.32	116.67	0.00458	-84.85	113.14	0.00481
-86.97	111.02	0.00490	-88.39	109.60	0.00491
-89.80	108.19	0.00490	-91.22	106.77	0.00480
-92.63	105.36	0.00456	-105.36	92.63	0.00190
-106.77	91.22	0.00197	-108.19	89.80	0.00203
-109.60	88.39	0.00208	-111.02	86.97	0.00212
-113.14	84.85	0.00217	-116.67	81.32	0.00222
-120.21	77.78	0.00223	-127.28	70.71	0.00217
-134.35	63.64	0.00204	-141.42	56.57	0.00188
-148.49	49.50	0.00171	-155.56	42.43	0.00154
-162.63	35.36	0.00139	-169.71	28.28	0.00126
-21.21	162.63	0.00122	-28.28	155.56	0.00146
-35.36	148.49	0.00178	-42.43	141.42	0.00218
-49.50	134.35	0.00268	-56.57	127.28	0.00328
-63.64	120.21	0.00398	-70.71	113.14	0.00475
-74.25	109.60	0.00516	-77.78	106.07	0.00556
-79.90	103.94	0.00576	-81.32	102.53	0.00587
-82.73	101.12	0.00595	-84.15	99.70	0.00606
-85.56	98.29	0.00610	-98.29	85.56	0.00341
-99.70	84.15	0.00327	-101.12	82.73	0.00318
-102.53	81.32	0.00312	-103.94	79.90	0.00308
-106.07	77.78	0.00304	-109.60	74.25	0.00298
-113.14	70.71	0.00290	-120.21	63.64	0.00271
-127.28	56.57	0.00247	-134.35	49.50	0.00221
-141.42	42.43	0.00197	-148.49	35.36	0.00175
-155.56	28.28	0.00156	-162.63	21.21	0.00139
-14.14	155.56	0.00116	-21.21	148.49	0.00140
-28.28	141.42	0.00171	-35.36	134.35	0.00211
-42.43	127.28	0.00263	-49.50	120.21	0.00329
-56.57	113.14	0.00408	-63.64	106.07	0.00496
-67.18	102.53	0.00543	-70.71	98.99	0.00588

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00611	-74.25	95.46	0.00623
-75.66	94.05	0.00630	-77.07	92.63	0.00636
-78.49	91.22	0.00640	-91.22	78.49	0.00426
-92.63	77.07	0.00414	-94.05	75.66	0.00405
-95.46	74.25	0.00397	-96.87	72.83	0.00390
-98.99	70.71	0.00380	-102.53	67.18	0.00364
-106.07	63.64	0.00349	-113.14	56.57	0.00317
-120.21	49.50	0.00283	-127.28	42.43	0.00250
-134.35	35.36	0.00220	-141.42	28.28	0.00193
-148.49	21.21	0.00170	-155.56	14.14	0.00150
-7.07	148.49	0.00109	-14.14	141.42	0.00131
-21.21	134.35	0.00160	-28.28	127.28	0.00198
-35.36	120.21	0.00249	-42.43	113.14	0.00317
-49.50	106.07	0.00401	-56.57	98.99	0.00498
-60.10	95.46	0.00547	-63.64	91.92	0.00594
-65.76	89.80	0.00618	-67.18	88.39	0.00630
-68.59	86.97	0.00638	-70.00	85.56	0.00641
-71.42	84.15	0.00645	-84.15	71.42	0.00459
-85.56	70.00	0.00452	-86.97	68.59	0.00446
-88.39	67.18	0.00442	-89.80	65.76	0.00437
-91.92	63.64	0.00430	-95.46	60.10	0.00415
-98.99	56.57	0.00397	-106.07	49.50	0.00356
-113.14	42.43	0.00313	-120.21	35.36	0.00273
-127.28	28.28	0.00237	-134.35	21.21	0.00207
-141.42	14.14	0.00181	-148.49	7.07	0.00158
0.00	141.42	0.00101	-7.07	134.35	0.00121
-14.14	127.28	0.00146	-21.21	120.21	0.00181
-28.28	113.14	0.00228	-35.36	106.07	0.00293
-42.43	98.99	0.00379	-49.50	91.92	0.00482
-53.03	88.39	0.00535	-56.57	84.85	0.00584
-58.69	82.73	0.00609	-60.10	81.32	0.00623
-61.52	79.90	0.00633	-62.93	78.49	0.00637
-64.35	77.07	0.00641	-77.07	64.35	0.00474
-78.49	62.93	0.00469	-79.90	61.52	0.00466
-81.32	60.10	0.00463	-82.73	58.69	0.00460
-84.85	56.57	0.00455	-88.39	53.03	0.00443
-91.92	49.50	0.00426	-98.99	42.43	0.00383
-106.07	35.36	0.00336	-113.14	28.28	0.00291
-120.21	21.21	0.00251	-127.28	14.14	0.00216
-134.35	7.07	0.00187	-141.42	0.00	0.00163

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

18:47:39

**MODELOPTs:

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*** Maximum train overlap at SE/NW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00093	0.00	127.28	0.00110
-7.07	120.21	0.00132	-14.14	113.14	0.00162
-21.21	106.07	0.00203	-28.28	98.99	0.00260
-35.36	91.92	0.00340	-42.43	84.85	0.00446
-45.96	81.32	0.00504	-49.50	77.78	0.00560
-51.62	75.66	0.00588	-53.03	74.25	0.00604
-54.45	72.83	0.00616	-55.86	71.42	0.00623
-57.28	70.00	0.00627	-70.00	57.28	0.00480
-71.42	55.86	0.00476	-72.83	54.45	0.00473
-74.25	53.03	0.00471	-75.66	51.62	0.00469
-77.78	49.50	0.00465	-81.32	45.96	0.00454
-84.85	42.43	0.00438	-91.92	35.36	0.00396
-98.99	28.28	0.00348	-106.07	21.21	0.00300
-113.14	14.14	0.00257	-120.21	7.07	0.00221
-127.28	0.00	0.00190	-134.35	-7.07	0.00165
14.14	127.28	0.00084	7.07	120.21	0.00099
0.00	113.14	0.00118	-7.07	106.07	0.00143
-14.14	98.99	0.00176	-21.21	91.92	0.00222
-28.28	84.85	0.00289	-35.36	77.78	0.00387
-38.89	74.25	0.00449	-42.43	70.71	0.00513
-44.55	68.59	0.00548	-45.96	67.18	0.00568
-47.38	65.76	0.00585	-48.79	64.35	0.00596
-50.20	62.93	0.00603	-62.93	50.20	0.00477
-64.35	48.79	0.00473	-65.76	47.38	0.00472
-67.18	45.96	0.00470	-68.59	44.55	0.00467
-70.71	42.43	0.00463	-74.25	38.89	0.00451
-77.78	35.36	0.00435	-84.85	28.28	0.00394
-91.92	21.21	0.00346	-98.99	14.14	0.00299
-106.07	7.07	0.00256	-113.14	0.00	0.00220
-120.21	-7.07	0.00189	-127.28	-14.14	0.00164
21.21	120.21	0.00075	14.14	113.14	0.00087
7.07	106.07	0.00103	0.00	98.99	0.00123
-7.07	91.92	0.00149	-14.14	84.85	0.00185
-21.21	77.78	0.00234	-28.28	70.71	0.00310

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	67.18	0.00363	-35.36	63.64	0.00429
-37.48	61.52	0.00472	-38.89	60.10	0.00499
-40.31	58.69	0.00524	-41.72	57.28	0.00543
-43.13	55.86	0.00559	-55.86	43.13	0.00466
-57.28	41.72	0.00461	-58.69	40.31	0.00459
-60.10	38.89	0.00456	-61.52	37.48	0.00453

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00447	-67.18	31.82	0.00434
-70.71	28.28	0.00417	-77.78	21.21	0.00376
-84.85	14.14	0.00331	-91.92	7.07	0.00287
-98.99	0.00	0.00247	-106.07	-7.07	0.00213
-113.14	-14.14	0.00184	-120.21	-21.21	0.00160
28.28	113.14	0.00066	21.21	106.07	0.00076
14.14	98.99	0.00088	7.07	91.92	0.00104
0.00	84.85	0.00124	-7.07	77.78	0.00149
-14.14	70.71	0.00183	-21.21	63.64	0.00232
-24.75	60.10	0.00266	-28.28	56.57	0.00311
-30.41	54.45	0.00345	-31.82	53.03	0.00372
-33.23	51.62	0.00401	-34.65	50.20	0.00433
-36.06	48.79	0.00463	-48.79	36.06	0.00442
-50.20	34.65	0.00435	-51.62	33.23	0.00430
-53.03	31.82	0.00425	-54.45	30.41	0.00420
-56.57	28.28	0.00412	-60.10	24.75	0.00397
-63.64	21.21	0.00380	-70.71	14.14	0.00342
-77.78	7.07	0.00303	-84.85	0.00	0.00266
-91.92	-7.07	0.00232	-98.99	-14.14	0.00201
-106.07	-21.21	0.00175	-113.14	-28.28	0.00153
35.36	106.07	0.00057	28.28	98.99	0.00064
21.21	91.92	0.00074	14.14	84.85	0.00085
7.07	77.78	0.00099	0.00	70.71	0.00116
-7.07	63.64	0.00137	-14.14	56.57	0.00164
-17.68	53.03	0.00181	-21.21	49.50	0.00200
-23.33	47.38	0.00212	-24.75	45.96	0.00221
-26.16	44.55	0.00232	-27.58	43.13	0.00246
-28.99	41.72	0.00266	-41.72	28.99	0.00378

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	27.58	0.00368	-44.55	26.16	0.00360
-45.96	24.75	0.00355	-47.38	23.33	0.00351
-49.50	21.21	0.00345	-53.03	17.68	0.00334
-56.57	14.14	0.00323	-63.64	7.07	0.00297
-70.71	0.00	0.00267	-77.78	-7.07	0.00238
-84.85	-14.14	0.00210	-91.92	-21.21	0.00185
-98.99	-28.28	0.00163	-106.07	-35.36	0.00144
42.43	98.99	0.00048	35.36	91.92	0.00054
28.28	84.85	0.00061	21.21	77.78	0.00069
14.14	70.71	0.00078	7.07	63.64	0.00088
0.00	56.57	0.00099	-7.07	49.50	0.00110
-10.61	45.96	0.00115	-14.14	42.43	0.00118

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
 PAGE 91
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00119	-17.68	38.89	0.00119
-19.09	37.48	0.00118	-20.51	36.06	0.00117
-21.92	34.65	0.00116	-34.65	21.92	0.00224
-36.06	20.51	0.00236	-37.48	19.09	0.00244
-38.89	17.68	0.00250	-40.31	16.26	0.00254
-42.43	14.14	0.00258	-45.96	10.61	0.00260
-49.50	7.07	0.00257	-56.57	0.00	0.00244
-63.64	-7.07	0.00226	-70.71	-14.14	0.00205
-77.78	-21.21	0.00185	-84.85	-28.28	0.00166
-91.92	-35.36	0.00148	-98.99	-42.43	0.00132
49.50	91.92	0.00041	42.43	84.85	0.00046
35.36	77.78	0.00050	28.28	70.71	0.00055
21.21	63.64	0.00061	14.14	56.57	0.00066
7.07	49.50	0.00071	0.00	42.43	0.00075
-3.54	38.89	0.00076	-7.07	35.36	0.00075
-9.19	33.23	0.00075	-10.61	31.82	0.00075
-12.02	30.41	0.00076	-13.44	28.99	0.00076
-14.85	27.58	0.00078	-27.58	14.85	0.00136
-28.99	13.44	0.00146	-30.41	12.02	0.00155
-31.82	10.61	0.00163	-33.23	9.19	0.00171
-35.36	7.07	0.00181	-38.89	3.54	0.00192
-42.43	0.00	0.00197	-49.50	-7.07	0.00197

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-14.14	0.00188	-63.64	-21.21	0.00175
-70.71	-28.28	0.00161	-77.78	-35.36	0.00146
-84.85	-42.43	0.00133	-91.92	-49.50	0.00120
56.57	84.85	0.00035	49.50	77.78	0.00038
42.43	70.71	0.00041	35.36	63.64	0.00045
28.28	56.57	0.00048	21.21	49.50	0.00051
14.14	42.43	0.00053	7.07	35.36	0.00054
3.54	31.82	0.00054	0.00	28.28	0.00054
-2.12	26.16	0.00055	-3.54	24.75	0.00056
-4.95	23.33	0.00057	-6.36	21.92	0.00059
-7.78	20.51	0.00061	-20.51	7.78	0.00097
-21.92	6.36	0.00103	-23.33	4.95	0.00108
-24.75	3.54	0.00113	-26.16	2.12	0.00119
-28.28	0.00	0.00126	-31.82	-3.54	0.00136
-35.36	-7.07	0.00144	-42.43	-14.14	0.00153
-49.50	-21.21	0.00152	-56.57	-28.28	0.00146
-63.64	-35.36	0.00138	-70.71	-42.43	0.00128
-77.78	-49.50	0.00118	-84.85	-56.57	0.00109

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00030	56.57	70.71	0.00032
49.50	63.64	0.00034	42.43	56.57	0.00036
35.36	49.50	0.00038	28.28	42.43	0.00039
21.21	35.36	0.00040	14.14	28.28	0.00041
10.61	24.75	0.00042	7.07	21.21	0.00043
4.95	19.09	0.00044	3.54	17.68	0.00046
2.12	16.26	0.00047	0.71	14.85	0.00048
-0.71	13.44	0.00050	-13.44	0.71	0.00074
-14.85	-0.71	0.00078	-16.26	-2.12	0.00081
-17.68	-3.54	0.00085	-19.09	-4.95	0.00088
-21.21	-7.07	0.00093	-24.75	-10.61	0.00100
-28.28	-14.14	0.00106	-35.36	-21.21	0.00116
-42.43	-28.28	0.00120	-49.50	-35.36	0.00120
-56.57	-42.43	0.00116	-63.64	-49.50	0.00111
-70.71	-56.57	0.00104	-77.78	-63.64	0.00097
70.71	70.71	0.00026	63.64	63.64	0.00027

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

56.57	56.57	0.00029	49.50	49.50	0.00030
42.43	42.43	0.00031	35.36	35.36	0.00031
28.28	28.28	0.00032	21.21	21.21	0.00033
17.68	17.68	0.00034	14.14	14.14	0.00036
12.02	12.02	0.00037	10.61	10.61	0.00038
9.19	9.19	0.00039	7.78	7.78	0.00041
6.36	6.36	0.00042	-6.36	-6.36	0.00058
-7.78	-7.78	0.00061	-9.19	-9.19	0.00064
-10.61	-10.61	0.00066	-12.02	-12.02	0.00069
-14.14	-14.14	0.00072	-17.68	-17.68	0.00077
-21.21	-21.21	0.00082	-28.28	-28.28	0.00089
-35.36	-35.36	0.00094	-42.43	-42.43	0.00096
-49.50	-49.50	0.00096	-56.57	-56.57	0.00094
-63.64	-63.64	0.00090	-70.71	-70.71	0.00086
77.78	63.64	0.00022	70.71	56.57	0.00023
63.64	49.50	0.00024	56.57	42.43	0.00024
49.50	35.36	0.00025	42.43	28.28	0.00025
35.36	21.21	0.00026	28.28	14.14	0.00028
24.75	10.61	0.00029	21.21	7.07	0.00030
19.09	4.95	0.00032	17.68	3.54	0.00033
16.26	2.12	0.00034	14.85	0.71	0.00035
13.44	-0.71	0.00036	0.71	-13.44	0.00047
-0.71	-14.85	0.00049	-2.12	-16.26	0.00051
-3.54	-17.68	0.00053	-4.95	-19.09	0.00055

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00057	-10.61	-24.75	0.00061
-14.14	-28.28	0.00065	-21.21	-35.36	0.00070
-28.28	-42.43	0.00074	-35.36	-49.50	0.00077
-42.43	-56.57	0.00079	-49.50	-63.64	0.00079
-56.57	-70.71	0.00077	-63.64	-77.78	0.00075
84.85	56.57	0.00019	77.78	49.50	0.00020
70.71	42.43	0.00020	63.64	35.36	0.00020
56.57	28.28	0.00021	49.50	21.21	0.00021
42.43	14.14	0.00022	35.36	7.07	0.00024
31.82	3.54	0.00025	28.28	0.00	0.00026

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

26.16	-2.12	0.00027	24.75	-3.54	0.00028
23.33	-4.95	0.00029	21.92	-6.36	0.00030
20.51	-7.78	0.00031	7.78	-20.51	0.00039
6.36	-21.92	0.00040	4.95	-23.33	0.00042
3.54	-24.75	0.00043	2.12	-26.16	0.00045
0.00	-28.28	0.00047	-3.54	-31.82	0.00050
-7.07	-35.36	0.00052	-14.14	-42.43	0.00057
-21.21	-49.50	0.00060	-28.28	-56.57	0.00063
-35.36	-63.64	0.00065	-42.43	-70.71	0.00066
-49.50	-77.78	0.00066	-56.57	-84.85	0.00065
91.92	49.50	0.00016	84.85	42.43	0.00017
77.78	35.36	0.00017	70.71	28.28	0.00017
63.64	21.21	0.00018	56.57	14.14	0.00018
49.50	7.07	0.00019	42.43	0.00	0.00021
38.89	-3.54	0.00022	35.36	-7.07	0.00023
33.23	-9.19	0.00024	31.82	-10.61	0.00024
30.41	-12.02	0.00025	28.99	-13.44	0.00026
27.58	-14.85	0.00026	14.85	-27.58	0.00033
13.44	-28.99	0.00034	12.02	-30.41	0.00035
10.61	-31.82	0.00036	9.19	-33.23	0.00037
7.07	-35.36	0.00039	3.54	-38.89	0.00041
0.00	-42.43	0.00043	-7.07	-49.50	0.00047
-14.14	-56.57	0.00050	-21.21	-63.64	0.00052
-28.28	-70.71	0.00054	-35.36	-77.78	0.00055
-42.43	-84.85	0.00056	-49.50	-91.92	0.00056
98.99	42.43	0.00014	91.92	35.36	0.00014
84.85	28.28	0.00015	77.78	21.21	0.00015
70.71	14.14	0.00015	63.64	7.07	0.00016
56.57	0.00	0.00017	49.50	-7.07	0.00018
45.96	-10.61	0.00019	42.43	-14.14	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00021	38.89	-17.68	0.00021
37.48	-19.09	0.00022	36.06	-20.51	0.00023
34.65	-21.92	0.00023	21.92	-34.65	0.00028
20.51	-36.06	0.00029	19.09	-37.48	0.00030

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

17.68	-38.89	0.00030	16.26	-40.31	0.00031
14.14	-42.43	0.00032	10.61	-45.96	0.00034
7.07	-49.50	0.00036	0.00	-56.57	0.00039
-7.07	-63.64	0.00042	-14.14	-70.71	0.00044
-21.21	-77.78	0.00045	-28.28	-84.85	0.00046
-35.36	-91.92	0.00047	-42.43	-98.99	0.00048
106.07	35.36	0.00012	98.99	28.28	0.00012
91.92	21.21	0.00013	84.85	14.14	0.00013
77.78	7.07	0.00013	70.71	0.00	0.00014
63.64	-7.07	0.00015	56.57	-14.14	0.00016
53.03	-17.68	0.00017	49.50	-21.21	0.00018
47.38	-23.33	0.00019	45.96	-24.75	0.00019
44.55	-26.16	0.00019	43.13	-27.58	0.00020
41.72	-28.99	0.00020	28.99	-41.72	0.00024
27.58	-43.13	0.00025	26.16	-44.55	0.00025
24.75	-45.96	0.00026	23.33	-47.38	0.00027
21.21	-49.50	0.00028	17.68	-53.03	0.00029
14.14	-56.57	0.00031	7.07	-63.64	0.00034
0.00	-70.71	0.00036	-7.07	-77.78	0.00037
-14.14	-84.85	0.00038	-21.21	-91.92	0.00040
-28.28	-98.99	0.00040	-35.36	-106.07	0.00041
113.14	28.28	0.00011	106.07	21.21	0.00011
98.99	14.14	0.00011	91.92	7.07	0.00012
84.85	0.00	0.00012	77.78	-7.07	0.00013
70.71	-14.14	0.00013	63.64	-21.21	0.00015
60.10	-24.75	0.00015	56.57	-28.28	0.00016
54.45	-30.41	0.00017	53.03	-31.82	0.00017
51.62	-33.23	0.00017	50.20	-34.65	0.00018
48.79	-36.06	0.00018	36.06	-48.79	0.00021
34.65	-50.20	0.00022	33.23	-51.62	0.00022
31.82	-53.03	0.00023	30.41	-54.45	0.00023
28.28	-56.57	0.00024	24.75	-60.10	0.00025
21.21	-63.64	0.00027	14.14	-70.71	0.00029
7.07	-77.78	0.00031	0.00	-84.85	0.00032
-7.07	-91.92	0.00033	-14.14	-98.99	0.00034
-21.21	-106.07	0.00035	-28.28	-113.14	0.00036

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

 INCLUDING SOURCE(S): NCRA_S4 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00010	113.14	14.14	0.00010
106.07	7.07	0.00010	98.99	0.00	0.00010
91.92	-7.07	0.00011	84.85	-14.14	0.00011
77.78	-21.21	0.00012	70.71	-28.28	0.00013
67.18	-31.82	0.00014	63.64	-35.36	0.00014
61.52	-37.48	0.00015	60.10	-38.89	0.00015
58.69	-40.31	0.00015	57.28	-41.72	0.00016
55.86	-43.13	0.00016	43.13	-55.86	0.00019
41.72	-57.28	0.00019	40.31	-58.69	0.00019
38.89	-60.10	0.00020	37.48	-61.52	0.00020
35.36	-63.64	0.00021	31.82	-67.18	0.00022
28.28	-70.71	0.00023	21.21	-77.78	0.00025
14.14	-84.85	0.00027	7.07	-91.92	0.00028
0.00	-98.99	0.00029	-7.07	-106.07	0.00030
-14.14	-113.14	0.00030	-21.21	-120.21	0.00031
127.28	14.14	0.00009	120.21	7.07	0.00009
113.14	0.00	0.00009	106.07	-7.07	0.00009
98.99	-14.14	0.00010	91.92	-21.21	0.00010
84.85	-28.28	0.00011	77.78	-35.36	0.00012
74.25	-38.89	0.00012	70.71	-42.43	0.00013
68.59	-44.55	0.00013	67.18	-45.96	0.00014
65.76	-47.38	0.00014	64.35	-48.79	0.00014
62.93	-50.20	0.00014	50.20	-62.93	0.00017
48.79	-64.35	0.00017	47.38	-65.76	0.00017
45.96	-67.18	0.00017	44.55	-68.59	0.00018
42.43	-70.71	0.00018	38.89	-74.25	0.00019
35.36	-77.78	0.00020	28.28	-84.85	0.00022
21.21	-91.92	0.00023	14.14	-98.99	0.00024
7.07	-106.07	0.00025	0.00	-113.14	0.00026
-7.07	-120.21	0.00027	-14.14	-127.28	0.00027
134.35	7.07	0.00008	127.28	0.00	0.00008
120.21	-7.07	0.00008	113.14	-14.14	0.00009
106.07	-21.21	0.00009	98.99	-28.28	0.00009
91.92	-35.36	0.00010	84.85	-42.43	0.00011
81.32	-45.96	0.00011	77.78	-49.50	0.00012
75.66	-51.62	0.00012	74.25	-53.03	0.00012
72.83	-54.45	0.00013	71.42	-55.86	0.00013
70.00	-57.28	0.00013	57.28	-70.00	0.00015
55.86	-71.42	0.00015	54.45	-72.83	0.00015
53.03	-74.25	0.00016	51.62	-75.66	0.00016

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00016	45.96	-81.32	0.00017
42.43	-84.85	0.00018	35.36	-91.92	0.00019
28.28	-98.99	0.00021	21.21	-106.07	0.00022
14.14	-113.14	0.00022	7.07	-120.21	0.00023
0.00	-127.28	0.00024	-7.07	-134.35	0.00024
141.42	0.00	0.00007	134.35	-7.07	0.00007
127.28	-14.14	0.00008	120.21	-21.21	0.00008
113.14	-28.28	0.00008	106.07	-35.36	0.00009
98.99	-42.43	0.00009	91.92	-49.50	0.00010
88.39	-53.03	0.00010	84.85	-56.57	0.00011
82.73	-58.69	0.00011	81.32	-60.10	0.00011
79.90	-61.52	0.00011	78.49	-62.93	0.00012
77.07	-64.35	0.00012	64.35	-77.07	0.00013
62.93	-78.49	0.00013	61.52	-79.90	0.00014
60.10	-81.32	0.00014	58.69	-82.73	0.00014
56.57	-84.85	0.00015	53.03	-88.39	0.00015
49.50	-91.92	0.00016	42.43	-98.99	0.00017
35.36	-106.07	0.00018	28.28	-113.14	0.00019
21.21	-120.21	0.00020	14.14	-127.28	0.00021
7.07	-134.35	0.00021	0.00	-141.42	0.00022
148.49	-7.07	0.00006	141.42	-14.14	0.00007
134.35	-21.21	0.00007	127.28	-28.28	0.00007
120.21	-35.36	0.00008	113.14	-42.43	0.00008
106.07	-49.50	0.00009	98.99	-56.57	0.00009
95.46	-60.10	0.00010	91.92	-63.64	0.00010
89.80	-65.76	0.00010	88.39	-67.18	0.00010
86.97	-68.59	0.00010	85.56	-70.00	0.00011
84.15	-71.42	0.00011	71.42	-84.15	0.00012
70.00	-85.56	0.00012	68.59	-86.97	0.00012
67.18	-88.39	0.00013	65.76	-89.80	0.00013
63.64	-91.92	0.00013	60.10	-95.46	0.00014
56.57	-98.99	0.00014	49.50	-106.07	0.00015
42.43	-113.14	0.00016	35.36	-120.21	0.00017
28.28	-127.28	0.00018	21.21	-134.35	0.00018
14.14	-141.42	0.00019	7.07	-148.49	0.00019
155.56	-14.14	0.00006	148.49	-21.21	0.00006

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-28.28	0.00006	134.35	-35.36	0.00007
127.28	-42.43	0.00007	120.21	-49.50	0.00007
113.14	-56.57	0.00008	106.07	-63.64	0.00008
102.53	-67.18	0.00009	98.99	-70.71	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00009	95.46	-74.25	0.00009
94.05	-75.66	0.00010	92.63	-77.07	0.00010
91.22	-78.49	0.00010	78.49	-91.22	0.00011
77.07	-92.63	0.00011	75.66	-94.05	0.00011
74.25	-95.46	0.00011	72.83	-96.87	0.00012
70.71	-98.99	0.00012	67.18	-102.53	0.00012
63.64	-106.07	0.00013	56.57	-113.14	0.00014
49.50	-120.21	0.00015	42.43	-127.28	0.00015
35.36	-134.35	0.00016	28.28	-141.42	0.00017
21.21	-148.49	0.00017	14.14	-155.56	0.00017
162.63	-21.21	0.00006	155.56	-28.28	0.00006
148.49	-35.36	0.00006	141.42	-42.43	0.00006
134.35	-49.50	0.00006	127.28	-56.57	0.00007
120.21	-63.64	0.00007	113.14	-70.71	0.00008
109.60	-74.25	0.00008	106.07	-77.78	0.00008
103.94	-79.90	0.00009	102.53	-81.32	0.00009
101.12	-82.73	0.00009	99.70	-84.15	0.00009
98.29	-85.56	0.00009	85.56	-98.29	0.00010
84.15	-99.70	0.00010	82.73	-101.12	0.00010
81.32	-102.53	0.00010	79.90	-103.94	0.00011
77.78	-106.07	0.00011	74.25	-109.60	0.00011
70.71	-113.14	0.00012	63.64	-120.21	0.00012
56.57	-127.28	0.00013	49.50	-134.35	0.00014
42.43	-141.42	0.00015	35.36	-148.49	0.00015
28.28	-155.56	0.00015	21.21	-162.63	0.00016
169.71	-28.28	0.00005	162.63	-35.36	0.00005
155.56	-42.43	0.00006	148.49	-49.50	0.00006
141.42	-56.57	0.00006	134.35	-63.64	0.00006
127.28	-70.71	0.00007	120.21	-77.78	0.00007
116.67	-81.32	0.00008	113.14	-84.85	0.00008

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

111.02	-86.97	0.00008	109.60	-88.39	0.00008
108.19	-89.80	0.00008	106.77	-91.22	0.00008
105.36	-92.63	0.00008	92.63	-105.36	0.00009
91.22	-106.77	0.00009	89.80	-108.19	0.00009
88.39	-109.60	0.00009	86.97	-111.02	0.00010
84.85	-113.14	0.00010	81.32	-116.67	0.00010
77.78	-120.21	0.00011	70.71	-127.28	0.00011
63.64	-134.35	0.00012	56.57	-141.42	0.00013
49.50	-148.49	0.00013	42.43	-155.56	0.00014
35.36	-162.63	0.00014	28.28	-169.71	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00005	169.71	-42.43	0.00005
162.63	-49.50	0.00005	155.56	-56.57	0.00005
148.49	-63.64	0.00006	141.42	-70.71	0.00006
134.35	-77.78	0.00006	127.28	-84.85	0.00007
123.74	-88.39	0.00007	120.21	-91.92	0.00007
118.09	-94.05	0.00007	116.67	-95.46	0.00007
115.26	-96.87	0.00007	113.84	-98.29	0.00008
112.43	-99.70	0.00008	99.70	-112.43	0.00008
98.29	-113.84	0.00009	96.87	-115.26	0.00009
95.46	-116.67	0.00009	94.05	-118.09	0.00009
91.92	-120.21	0.00009	88.39	-123.74	0.00009
84.85	-127.28	0.00010	77.78	-134.35	0.00010
70.71	-141.42	0.00011	63.64	-148.49	0.00012
56.57	-155.56	0.00012	49.50	-162.63	0.00013
42.43	-169.71	0.00013	35.36	-176.78	0.00013
183.85	-42.43	0.00005	176.78	-49.50	0.00005
169.71	-56.57	0.00005	162.63	-63.64	0.00005
155.56	-70.71	0.00005	148.49	-77.78	0.00006
141.42	-84.85	0.00006	134.35	-91.92	0.00006
130.81	-95.46	0.00007	127.28	-98.99	0.00007
125.16	-101.12	0.00007	123.74	-102.53	0.00007
122.33	-103.94	0.00007	120.92	-105.36	0.00007
119.50	-106.77	0.00007	106.77	-119.50	0.00008
105.36	-120.92	0.00008	103.94	-122.33	0.00008

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

102.53	-123.74	0.00008	101.12	-125.16	0.00008
98.99	-127.28	0.00008	95.46	-130.81	0.00009
91.92	-134.35	0.00009	84.85	-141.42	0.00009
77.78	-148.49	0.00010	70.71	-155.56	0.00011
63.64	-162.63	0.00011	56.57	-169.71	0.00011
49.50	-176.78	0.00012	42.43	-183.85	0.00012
190.92	-49.50	0.00004	183.85	-56.57	0.00004
176.78	-63.64	0.00005	169.71	-70.71	0.00005
162.63	-77.78	0.00005	155.56	-84.85	0.00005
148.49	-91.92	0.00006	141.42	-98.99	0.00006
137.89	-102.53	0.00006	134.35	-106.07	0.00006
132.23	-108.19	0.00006	130.81	-109.60	0.00006
129.40	-111.02	0.00006	127.99	-112.43	0.00007
126.57	-113.84	0.00007	113.84	-126.57	0.00007
112.43	-127.99	0.00007	111.02	-129.40	0.00007
109.60	-130.81	0.00007	108.19	-132.23	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00008	102.53	-137.89	0.00008
98.99	-141.42	0.00008	91.92	-148.49	0.00009
84.85	-155.56	0.00009	77.78	-162.63	0.00010
70.71	-169.71	0.00010	63.64	-176.78	0.00011
56.57	-183.85	0.00011	49.50	-190.92	0.00011
197.99	-56.57	0.00004	190.92	-63.64	0.00004
183.85	-70.71	0.00004	176.78	-77.78	0.00004
169.71	-84.85	0.00005	162.63	-91.92	0.00005
155.56	-98.99	0.00005	148.49	-106.07	0.00006
144.96	-109.60	0.00006	141.42	-113.14	0.00006
139.30	-115.26	0.00006	137.89	-116.67	0.00006
136.47	-118.09	0.00006	135.06	-119.50	0.00006
133.64	-120.92	0.00006	120.92	-133.64	0.00007
119.50	-135.06	0.00007	118.09	-136.47	0.00007
116.67	-137.89	0.00007	115.26	-139.30	0.00007
113.14	-141.42	0.00007	109.60	-144.96	0.00007
106.07	-148.49	0.00008	98.99	-155.56	0.00008
91.92	-162.63	0.00008	84.85	-169.71	0.00009

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-176.78	0.00009	70.71	-183.85	0.00010
63.64	-190.92	0.00010	56.57	-197.99	0.00010
205.06	-63.64	0.00004	197.99	-70.71	0.00004
190.92	-77.78	0.00004	183.85	-84.85	0.00004
176.78	-91.92	0.00004	169.71	-98.99	0.00005
162.63	-106.07	0.00005	155.56	-113.14	0.00005
152.03	-116.67	0.00005	148.49	-120.21	0.00005
146.37	-122.33	0.00006	144.96	-123.74	0.00006
143.54	-125.16	0.00006	142.13	-126.57	0.00006
140.71	-127.99	0.00006	127.99	-140.71	0.00006
126.57	-142.13	0.00006	125.16	-143.54	0.00006
123.74	-144.96	0.00006	122.33	-146.37	0.00007
120.21	-148.49	0.00007	116.67	-152.03	0.00007
113.14	-155.56	0.00007	106.07	-162.63	0.00007
98.99	-169.71	0.00008	91.92	-176.78	0.00008
84.85	-183.85	0.00009	77.78	-190.92	0.00009
70.71	-197.99	0.00009	63.64	-205.06	0.00010
212.13	-70.71	0.00004	205.06	-77.78	0.00004
197.99	-84.85	0.00004	190.92	-91.92	0.00004
183.85	-98.99	0.00004	176.78	-106.07	0.00004
169.71	-113.14	0.00005	162.63	-120.21	0.00005
159.10	-123.74	0.00005	155.56	-127.28	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00005	152.03	-130.81	0.00005
150.61	-132.23	0.00005	149.20	-133.64	0.00005
147.79	-135.06	0.00005	135.06	-147.79	0.00006
133.64	-149.20	0.00006	132.23	-150.61	0.00006
130.81	-152.03	0.00006	129.40	-153.44	0.00006
127.28	-155.56	0.00006	123.74	-159.10	0.00006
120.21	-162.63	0.00007	113.14	-169.71	0.00007
106.07	-176.78	0.00007	98.99	-183.85	0.00008
91.92	-190.92	0.00008	84.85	-197.99	0.00008
77.78	-205.06	0.00009	70.71	-212.13	0.00009
219.20	-77.78	0.00003	212.13	-84.85	0.00004
205.06	-91.92	0.00004	197.99	-98.99	0.00004

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-106.07	0.00004	183.85	-113.14	0.00004
176.78	-120.21	0.00004	169.71	-127.28	0.00005
166.17	-130.81	0.00005	162.63	-134.35	0.00005
160.51	-136.47	0.00005	159.10	-137.89	0.00005
157.68	-139.30	0.00005	156.27	-140.71	0.00005
154.86	-142.13	0.00005	142.13	-154.86	0.00005
140.71	-156.27	0.00006	139.30	-157.68	0.00006
137.89	-159.10	0.00006	136.47	-160.51	0.00006
134.35	-162.63	0.00006	130.81	-166.17	0.00006
127.28	-169.71	0.00006	120.21	-176.78	0.00006
113.14	-183.85	0.00007	106.07	-190.92	0.00007
98.99	-197.99	0.00007	91.92	-205.06	0.00008
84.85	-212.13	0.00008	77.78	-219.20	0.00008
226.27	-84.85	0.00003	219.20	-91.92	0.00003
212.13	-98.99	0.00003	205.06	-106.07	0.00004
197.99	-113.14	0.00004	190.92	-120.21	0.00004
183.85	-127.28	0.00004	176.78	-134.35	0.00004
173.24	-137.89	0.00004	169.71	-141.42	0.00005
167.58	-143.54	0.00005	166.17	-144.96	0.00005
164.76	-146.37	0.00005	163.34	-147.79	0.00005
161.93	-149.20	0.00005	149.20	-161.93	0.00005
147.79	-163.34	0.00005	146.37	-164.76	0.00005
144.96	-166.17	0.00005	143.54	-167.58	0.00005
141.42	-169.71	0.00005	137.89	-173.24	0.00006
134.35	-176.78	0.00006	127.28	-183.85	0.00006
120.21	-190.92	0.00006	113.14	-197.99	0.00007
106.07	-205.06	0.00007	98.99	-212.13	0.00007
91.92	-219.20	0.00007	84.85	-226.27	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S) : NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00003	226.27	-98.99	0.00003
219.20	-106.07	0.00003	212.13	-113.14	0.00003
205.06	-120.21	0.00004	197.99	-127.28	0.00004
190.92	-134.35	0.00004	183.85	-141.42	0.00004
180.31	-144.96	0.00004	176.78	-148.49	0.00004
174.66	-150.61	0.00004	173.24	-152.03	0.00004

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

171.83	-153.44	0.00004	170.41	-154.86	0.00004
169.00	-156.27	0.00005	156.27	-169.00	0.00005
154.86	-170.41	0.00005	153.44	-171.83	0.00005
152.03	-173.24	0.00005	150.61	-174.66	0.00005
148.49	-176.78	0.00005	144.96	-180.31	0.00005
141.42	-183.85	0.00005	134.35	-190.92	0.00006
127.28	-197.99	0.00006	120.21	-205.06	0.00006
113.14	-212.13	0.00006	106.07	-219.20	0.00007
98.99	-226.27	0.00007	91.92	-233.35	0.00007
240.42	-98.99	0.00003	233.35	-106.07	0.00003
226.27	-113.14	0.00003	219.20	-120.21	0.00003
212.13	-127.28	0.00003	205.06	-134.35	0.00004
197.99	-141.42	0.00004	190.92	-148.49	0.00004
187.38	-152.03	0.00004	183.85	-155.56	0.00004
181.73	-157.68	0.00004	180.31	-159.10	0.00004
178.90	-160.51	0.00004	177.48	-161.93	0.00004
176.07	-163.34	0.00004	163.34	-176.07	0.00005
161.93	-177.48	0.00005	160.51	-178.90	0.00005
159.10	-180.31	0.00005	157.68	-181.73	0.00005
155.56	-183.85	0.00005	152.03	-187.38	0.00005
148.49	-190.92	0.00005	141.42	-197.99	0.00005
134.35	-205.06	0.00006	127.28	-212.13	0.00006
120.21	-219.20	0.00006	113.14	-226.27	0.00006
106.07	-233.35	0.00007	98.99	-240.42	0.00007
247.49	-106.07	0.00003	240.42	-113.14	0.00003
233.35	-120.21	0.00003	226.27	-127.28	0.00003
219.20	-134.35	0.00003	212.13	-141.42	0.00003
205.06	-148.49	0.00004	197.99	-155.56	0.00004
194.45	-159.10	0.00004	190.92	-162.63	0.00004
188.80	-164.76	0.00004	187.38	-166.17	0.00004
185.97	-167.58	0.00004	184.55	-169.00	0.00004
183.14	-170.41	0.00004	170.41	-183.14	0.00004
169.00	-184.55	0.00004	167.58	-185.97	0.00004
166.17	-187.38	0.00004	164.76	-188.80	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:
 PAGE 102

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

162.63	-190.92	0.00005	159.10	-194.45	0.00005
155.56	-197.99	0.00005	148.49	-205.06	0.00005
141.42	-212.13	0.00005	134.35	-219.20	0.00005
127.28	-226.27	0.00006	120.21	-233.35	0.00006
113.14	-240.42	0.00006	106.07	-247.49	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:
 PAGE 103

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00127	-113.14	240.42	0.00149
-120.21	233.35	0.00174	-127.28	226.27	0.00203
-134.35	219.20	0.00233	-141.42	212.13	0.00263
-148.49	205.06	0.00287	-155.56	197.99	0.00294
-159.10	194.45	0.00283	-162.63	190.92	0.00257
-164.76	188.80	0.00234	-166.17	187.38	0.00217
-167.58	185.97	0.00199	-169.00	184.55	0.00181
-170.41	183.14	0.00164	-183.14	170.41	0.00096
-184.55	169.00	0.00097	-185.97	167.58	0.00098
-187.38	166.17	0.00100	-188.80	164.76	0.00102
-190.92	162.63	0.00106	-194.45	159.10	0.00112
-197.99	155.56	0.00118	-205.06	148.49	0.00126
-212.13	141.42	0.00128	-219.20	134.35	0.00126
-226.27	127.28	0.00120	-233.35	120.21	0.00113
-240.42	113.14	0.00106	-247.49	106.07	0.00098
-98.99	240.42	0.00128	-106.07	233.35	0.00151
-113.14	226.27	0.00180	-120.21	219.20	0.00213
-127.28	212.13	0.00251	-134.35	205.06	0.00292
-141.42	197.99	0.00333	-148.49	190.92	0.00368
-152.03	187.38	0.00378	-155.56	183.85	0.00374
-157.68	181.73	0.00360	-159.10	180.31	0.00343
-160.51	178.90	0.00320	-161.93	177.48	0.00292
-163.34	176.07	0.00260	-176.07	163.34	0.00124
-177.48	161.93	0.00127	-178.90	160.51	0.00131
-180.31	159.10	0.00136	-181.73	157.68	0.00140
-183.85	155.56	0.00146	-187.38	152.03	0.00156
-190.92	148.49	0.00163	-197.99	141.42	0.00168
-205.06	134.35	0.00164	-212.13	127.28	0.00155
-219.20	120.21	0.00145	-226.27	113.14	0.00133

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-233.35	106.07	0.00122	-240.42	98.99	0.00112
-91.92	233.35	0.00126	-99.00	226.27	0.00150
-106.07	219.20	0.00181	-113.14	212.13	0.00219
-120.21	205.06	0.00263	-127.28	197.99	0.00315
-134.35	190.92	0.00371	-141.42	183.85	0.00430
-144.96	180.31	0.00458	-148.49	176.78	0.00481
-150.61	174.66	0.00490	-152.03	173.24	0.00491
-153.44	171.83	0.00490	-154.86	170.41	0.00480
-156.27	169.00	0.00456	-169.00	156.27	0.00190
-170.41	154.86	0.00197	-171.83	153.44	0.00203
-173.24	152.03	0.00208	-174.66	150.61	0.00212

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
 PAGE 104
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00217	-180.31	144.96	0.00222
-183.85	141.42	0.00223	-190.92	134.35	0.00217
-197.99	127.28	0.00204	-205.06	120.21	0.00188
-212.13	113.14	0.00171	-219.20	106.07	0.00154
-226.27	98.99	0.00139	-233.35	91.92	0.00126
-84.85	226.27	0.00122	-91.92	219.20	0.00146
-99.00	212.13	0.00178	-106.07	205.06	0.00218
-113.14	197.99	0.00268	-120.21	190.92	0.00328
-127.28	183.85	0.00398	-134.35	176.78	0.00475
-137.89	173.24	0.00516	-141.42	169.71	0.00556
-143.54	167.58	0.00576	-144.96	166.17	0.00587
-146.37	164.76	0.00595	-147.79	163.34	0.00606
-149.20	161.93	0.00610	-161.93	149.20	0.00341
-163.34	147.79	0.00327	-164.76	146.37	0.00318
-166.17	144.96	0.00312	-167.58	143.54	0.00308
-169.71	141.42	0.00304	-173.24	137.89	0.00298
-176.78	134.35	0.00290	-183.85	127.28	0.00271
-190.92	120.21	0.00247	-197.99	113.14	0.00221
-205.06	106.07	0.00197	-212.13	98.99	0.00175
-219.20	91.92	0.00156	-226.27	84.85	0.00139
-77.78	219.20	0.00116	-84.85	212.13	0.00140
-91.92	205.06	0.00171	-99.00	197.99	0.00211
-106.07	190.92	0.00263	-113.14	183.85	0.00329

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	176.78	0.00408	-127.28	169.71	0.00496
-130.81	166.17	0.00543	-134.35	162.63	0.00588
-136.47	160.51	0.00611	-137.89	159.10	0.00623
-139.30	157.68	0.00630	-140.71	156.27	0.00636
-142.13	154.86	0.00640	-154.86	142.13	0.00426
-156.27	140.71	0.00414	-157.68	139.30	0.00405
-159.10	137.89	0.00397	-160.51	136.47	0.00390
-162.63	134.35	0.00380	-166.17	130.81	0.00364
-169.71	127.28	0.00349	-176.78	120.21	0.00317
-183.85	113.14	0.00283	-190.92	106.07	0.00250
-197.99	98.99	0.00220	-205.06	91.92	0.00193
-212.13	84.85	0.00170	-219.20	77.78	0.00150
-70.71	212.13	0.00109	-77.78	205.06	0.00131
-84.85	197.99	0.00160	-91.92	190.92	0.00198
-98.99	183.85	0.00249	-106.07	176.78	0.00317
-113.14	169.71	0.00401	-120.21	162.63	0.00498
-123.74	159.10	0.00547	-127.28	155.56	0.00594

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00618	-130.81	152.03	0.00630
-132.23	150.61	0.00638	-133.64	149.20	0.00641
-135.06	147.79	0.00645	-147.79	135.06	0.00459
-149.20	133.64	0.00452	-150.61	132.23	0.00446
-152.03	130.81	0.00442	-153.44	129.40	0.00437
-155.56	127.28	0.00430	-159.10	123.74	0.00415
-162.63	120.21	0.00397	-169.71	113.14	0.00356
-176.78	106.07	0.00313	-183.85	98.99	0.00273
-190.92	91.92	0.00237	-197.99	84.85	0.00207
-205.06	77.78	0.00181	-212.13	70.71	0.00158
-63.64	205.06	0.00101	-70.71	197.99	0.00121
-77.78	190.92	0.00146	-84.85	183.85	0.00181
-91.92	176.78	0.00228	-98.99	169.71	0.00293
-106.07	162.63	0.00379	-113.14	155.56	0.00482
-116.67	152.03	0.00535	-120.21	148.49	0.00584
-122.33	146.37	0.00609	-123.74	144.96	0.00623
-125.16	143.54	0.00633	-126.57	142.13	0.00637

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	140.71	0.00641	-140.71	127.99	0.00474
-142.13	126.57	0.00469	-143.54	125.16	0.00466
-144.96	123.74	0.00463	-146.37	122.33	0.00460
-148.49	120.21	0.00455	-152.03	116.67	0.00443
-155.56	113.14	0.00426	-162.63	106.07	0.00383
-169.71	98.99	0.00335	-176.78	91.92	0.00291
-183.85	84.85	0.00251	-190.92	77.78	0.00216
-197.99	70.71	0.00187	-205.06	63.64	0.00163
-56.57	197.99	0.00093	-63.64	190.92	0.00110
-70.71	183.85	0.00132	-77.78	176.78	0.00162
-84.85	169.71	0.00203	-91.92	162.63	0.00260
-98.99	155.56	0.00340	-106.07	148.49	0.00446
-109.60	144.96	0.00504	-113.14	141.42	0.00560
-115.26	139.30	0.00588	-116.67	137.89	0.00604
-118.09	136.47	0.00616	-119.50	135.06	0.00623
-120.92	133.64	0.00627	-133.64	120.92	0.00480
-135.06	119.50	0.00476	-136.47	118.09	0.00473
-137.89	116.67	0.00471	-139.30	115.26	0.00469
-141.42	113.14	0.00465	-144.96	109.60	0.00454
-148.49	106.07	0.00438	-155.56	98.99	0.00396
-162.63	91.92	0.00348	-169.71	84.85	0.00300
-176.78	77.78	0.00257	-183.85	70.71	0.00221
-190.92	63.64	0.00190	-197.99	56.57	0.00165

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTS:
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00084	-56.57	183.85	0.00099
-63.64	176.78	0.00118	-70.71	169.71	0.00143
-77.78	162.63	0.00176	-84.85	155.56	0.00222
-91.92	148.49	0.00289	-98.99	141.42	0.00387
-102.53	137.89	0.00449	-106.07	134.35	0.00513
-108.19	132.23	0.00548	-109.60	130.81	0.00568
-111.02	129.40	0.00585	-112.43	127.99	0.00596
-113.84	126.57	0.00603	-126.57	113.84	0.00477
-127.99	112.43	0.00473	-129.40	111.02	0.00472
-130.81	109.60	0.00470	-132.23	108.19	0.00467
-134.35	106.07	0.00463	-137.89	102.53	0.00451

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	98.99	0.00435	-148.49	91.92	0.00394
-155.56	84.85	0.00346	-162.63	77.78	0.00299
-169.71	70.71	0.00256	-176.78	63.64	0.00220
-183.85	56.57	0.00189	-190.92	49.50	0.00164
-42.43	183.85	0.00075	-49.50	176.78	0.00087
-56.57	169.71	0.00103	-63.64	162.63	0.00123
-70.71	155.56	0.00149	-77.78	148.49	0.00185
-84.85	141.42	0.00234	-91.92	134.35	0.00310
-95.46	130.81	0.00363	-98.99	127.28	0.00429
-101.12	125.16	0.00472	-102.53	123.74	0.00499
-103.94	122.33	0.00524	-105.36	120.92	0.00543
-106.77	119.50	0.00559	-119.50	106.77	0.00466
-120.92	105.36	0.00461	-122.33	103.94	0.00459
-123.74	102.53	0.00456	-125.16	101.12	0.00453
-127.28	98.99	0.00447	-130.81	95.46	0.00434
-134.35	91.92	0.00417	-141.42	84.85	0.00376
-148.49	77.78	0.00331	-155.56	70.71	0.00287
-162.63	63.64	0.00247	-169.71	56.57	0.00213
-176.78	49.50	0.00184	-183.85	42.43	0.00160
-35.36	176.78	0.00066	-42.43	169.71	0.00076
-49.50	162.63	0.00088	-56.57	155.56	0.00104
-63.64	148.49	0.00124	-70.71	141.42	0.00149
-77.78	134.35	0.00183	-84.85	127.28	0.00232
-88.39	123.74	0.00266	-91.92	120.21	0.00311
-94.05	118.09	0.00345	-95.46	116.67	0.00372
-96.87	115.26	0.00401	-98.29	113.84	0.00433
-99.70	112.43	0.00463	-112.43	99.70	0.00442
-113.84	98.29	0.00435	-115.26	96.87	0.00430
-116.67	95.46	0.00425	-118.09	94.05	0.00420

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTS:
 PAGE 107
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00412	-123.74	88.39	0.00397
-127.28	84.85	0.00380	-134.35	77.78	0.00342
-141.42	70.71	0.00303	-148.49	63.64	0.00266
-155.56	56.57	0.00232	-162.63	49.50	0.00201
-169.71	42.43	0.00175	-176.78	35.36	0.00153

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-28.28	169.71	0.00057	-35.36	162.63	0.00064
-42.43	155.56	0.00074	-49.50	148.49	0.00085
-56.57	141.42	0.00099	-63.64	134.35	0.00116
-70.71	127.28	0.00137	-77.78	120.21	0.00164
-81.32	116.67	0.00181	-84.85	113.14	0.00200
-86.97	111.02	0.00212	-88.39	109.60	0.00221
-89.80	108.19	0.00232	-91.22	106.77	0.00246
-92.63	105.36	0.00266	-105.36	92.63	0.00378
-106.77	91.22	0.00368	-108.19	89.80	0.00360
-109.60	88.39	0.00355	-111.02	86.97	0.00351
-113.14	84.85	0.00345	-116.67	81.32	0.00334
-120.21	77.78	0.00323	-127.28	70.71	0.00297
-134.35	63.64	0.00267	-141.42	56.57	0.00238
-148.49	49.50	0.00210	-155.56	42.43	0.00185
-162.63	35.36	0.00163	-169.71	28.28	0.00144
-21.21	162.63	0.00048	-28.28	155.56	0.00054
-35.36	148.49	0.00061	-42.43	141.42	0.00069
-49.50	134.35	0.00078	-56.57	127.28	0.00088
-63.64	120.21	0.00099	-70.71	113.14	0.00110
-74.25	109.60	0.00115	-77.78	106.07	0.00118
-79.90	103.94	0.00119	-81.32	102.53	0.00119
-82.73	101.12	0.00118	-84.15	99.70	0.00117
-85.56	98.29	0.00116	-98.29	85.56	0.00224
-99.70	84.15	0.00236	-101.12	82.73	0.00244
-102.53	81.32	0.00250	-103.94	79.90	0.00254
-106.07	77.78	0.00258	-109.60	74.25	0.00260
-113.14	70.71	0.00257	-120.21	63.64	0.00244
-127.28	56.57	0.00226	-134.35	49.50	0.00205
-141.42	42.43	0.00185	-148.49	35.36	0.00166
-155.56	28.28	0.00148	-162.63	21.21	0.00132
-14.14	155.56	0.00041	-21.21	148.49	0.00046
-28.28	141.42	0.00050	-35.36	134.35	0.00055
-42.43	127.28	0.00061	-49.50	120.21	0.00066
-56.57	113.14	0.00071	-63.64	106.07	0.00075
-67.18	102.53	0.00076	-70.71	98.99	0.00075

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***
 18:47:39
 **MODELOPTs:
 PAGE 108
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

 INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

18NCRA NAPA97-300_DPM_TRAV_ANN_SE-NW Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00075	-74.25	95.46	0.00075
-75.66	94.05	0.00076	-77.07	92.63	0.00076
-78.49	91.22	0.00078	-91.22	78.49	0.00136
-92.63	77.07	0.00145	-94.05	75.66	0.00155
-95.46	74.25	0.00163	-96.87	72.83	0.00171
-98.99	70.71	0.00180	-102.53	67.18	0.00192
-106.07	63.64	0.00197	-113.14	56.57	0.00197
-120.21	49.50	0.00188	-127.28	42.43	0.00175
-134.35	35.36	0.00161	-141.42	28.28	0.00146
-148.49	21.21	0.00133	-155.56	14.14	0.00120
-7.07	148.49	0.00035	-14.14	141.42	0.00038
-21.21	134.35	0.00041	-28.28	127.28	0.00045
-35.36	120.21	0.00048	-42.43	113.14	0.00051
-49.50	106.07	0.00053	-56.57	98.99	0.00054
-60.10	95.46	0.00054	-63.64	91.92	0.00054
-65.76	89.80	0.00055	-67.18	88.39	0.00056
-68.59	86.97	0.00057	-70.00	85.56	0.00059
-71.42	84.15	0.00061	-84.15	71.42	0.00097
-85.56	70.00	0.00103	-86.97	68.59	0.00108
-88.39	67.18	0.00113	-89.80	65.76	0.00119
-91.92	63.64	0.00126	-95.46	60.10	0.00136
-98.99	56.57	0.00144	-106.07	49.50	0.00153
-113.14	42.43	0.00152	-120.21	35.36	0.00146
-127.28	28.28	0.00138	-134.35	21.21	0.00128
-141.42	14.14	0.00118	-148.49	7.07	0.00109
0.00	141.42	0.00030	-7.07	134.35	0.00032
-14.14	127.28	0.00034	-21.21	120.21	0.00036
-28.28	113.14	0.00038	-35.36	106.07	0.00039
-42.43	98.99	0.00040	-49.50	91.92	0.00041
-53.03	88.39	0.00042	-56.57	84.85	0.00043
-58.69	82.73	0.00044	-60.10	81.32	0.00046
-61.52	79.90	0.00047	-62.93	78.49	0.00048
-64.35	77.07	0.00050	-77.07	64.35	0.00074
-78.49	62.93	0.00078	-79.90	61.52	0.00081
-81.32	60.10	0.00085	-82.73	58.69	0.00088
-84.85	56.57	0.00093	-88.39	53.03	0.00100
-91.92	49.50	0.00106	-98.99	42.43	0.00116
-106.07	35.36	0.00120	-113.14	28.28	0.00120
-120.21	21.21	0.00116	-127.28	14.14	0.00111
-134.35	7.07	0.00104	-141.42	0.00	0.00097

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:47:39

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00026	0.00	127.28	0.00027
-7.07	120.21	0.00029	-14.14	113.14	0.00030
-21.21	106.07	0.00031	-28.28	98.99	0.00031
-35.36	91.92	0.00032	-42.43	84.85	0.00033
-45.96	81.32	0.00034	-49.50	77.78	0.00036
-51.62	75.66	0.00037	-53.03	74.25	0.00038
-54.45	72.83	0.00039	-55.86	71.42	0.00041
-57.28	70.00	0.00042	-70.00	57.28	0.00058
-71.42	55.86	0.00061	-72.83	54.45	0.00064
-74.25	53.03	0.00066	-75.66	51.62	0.00069
-77.78	49.50	0.00072	-81.32	45.96	0.00077
-84.85	42.43	0.00082	-91.92	35.36	0.00089
-98.99	28.28	0.00094	-106.07	21.21	0.00096
-113.14	14.14	0.00096	-120.21	7.07	0.00094
-127.28	0.00	0.00090	-134.35	-7.07	0.00086
14.14	127.28	0.00022	7.07	120.21	0.00023
0.00	113.14	0.00024	-7.07	106.07	0.00024
-14.14	98.99	0.00025	-21.21	91.92	0.00025
-28.28	84.85	0.00026	-35.36	77.78	0.00028
-38.89	74.25	0.00029	-42.43	70.71	0.00030
-44.55	68.59	0.00032	-45.96	67.18	0.00033
-47.38	65.76	0.00034	-48.79	64.35	0.00035
-50.20	62.93	0.00036	-62.93	50.20	0.00047
-64.35	48.79	0.00049	-65.76	47.38	0.00051
-67.18	45.96	0.00053	-68.59	44.55	0.00055
-70.71	42.43	0.00057	-74.25	38.89	0.00061
-77.78	35.36	0.00065	-84.85	28.28	0.00070
-91.92	21.21	0.00074	-98.99	14.14	0.00077
-106.07	7.07	0.00079	-113.14	0.00	0.00079
-120.21	-7.07	0.00077	-127.28	-14.14	0.00075
21.21	120.21	0.00019	14.14	113.14	0.00020
7.07	106.07	0.00020	0.00	98.99	0.00020
-7.07	91.92	0.00021	-14.14	84.85	0.00021
-21.21	77.78	0.00022	-28.28	70.71	0.00024
-31.82	67.18	0.00025	-35.36	63.64	0.00026
-37.48	61.52	0.00027	-38.89	60.10	0.00028
-40.31	58.69	0.00029	-41.72	57.28	0.00030

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	55.86	0.00031	-55.86	43.13	0.00039
-57.28	41.72	0.00040	-58.69	40.31	0.00042
-60.10	38.89	0.00043	-61.52	37.48	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:

PAGE 110

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00047	-67.18	31.82	0.00050
-70.71	28.28	0.00052	-77.78	21.21	0.00057
-84.85	14.14	0.00060	-91.92	7.07	0.00063
-98.99	0.00	0.00065	-106.07	-7.07	0.00066
-113.14	-14.14	0.00066	-120.21	-21.21	0.00065
28.28	113.14	0.00016	21.21	106.07	0.00017
14.14	98.99	0.00017	7.07	91.92	0.00017
0.00	84.85	0.00018	-7.07	77.78	0.00018
-14.14	70.71	0.00019	-21.21	63.64	0.00021
-24.75	60.10	0.00022	-28.28	56.57	0.00023
-30.41	54.45	0.00024	-31.82	53.03	0.00024
-33.23	51.62	0.00025	-34.65	50.20	0.00026
-36.06	48.79	0.00026	-48.79	36.06	0.00033
-50.20	34.65	0.00034	-51.62	33.23	0.00035
-53.03	31.82	0.00036	-54.45	30.41	0.00037
-56.57	28.28	0.00039	-60.10	24.75	0.00041
-63.64	21.21	0.00043	-70.71	14.14	0.00047
-77.78	7.07	0.00050	-84.85	0.00	0.00052
-91.92	-7.07	0.00054	-98.99	-14.14	0.00055
-106.07	-21.21	0.00056	-113.14	-28.28	0.00056
35.36	106.07	0.00014	28.28	98.99	0.00014
21.21	91.92	0.00015	14.14	84.85	0.00015
7.07	77.78	0.00015	0.00	70.71	0.00016
-7.07	63.64	0.00017	-14.14	56.57	0.00018
-17.68	53.03	0.00019	-21.21	49.50	0.00020
-23.33	47.38	0.00021	-24.75	45.96	0.00021
-26.16	44.55	0.00022	-27.58	43.13	0.00023
-28.99	41.72	0.00023	-41.72	28.99	0.00028
-43.13	27.58	0.00029	-44.55	26.16	0.00030
-45.96	24.75	0.00030	-47.38	23.33	0.00031
-49.50	21.21	0.00032	-53.03	17.68	0.00034

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	14.14	0.00036	-63.64	7.07	0.00039
-70.71	0.00	0.00042	-77.78	-7.07	0.00044
-84.85	-14.14	0.00045	-91.92	-21.21	0.00046
-98.99	-28.28	0.00047	-106.07	-35.36	0.00048
42.43	98.99	0.00012	35.36	91.92	0.00012
28.28	84.85	0.00013	21.21	77.78	0.00013
14.14	70.71	0.00013	7.07	63.64	0.00014
0.00	56.57	0.00015	-7.07	49.50	0.00016
-10.61	45.96	0.00017	-14.14	42.43	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
 PAGE 111
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00019	-17.68	38.89	0.00019
-19.09	37.48	0.00019	-20.51	36.06	0.00020
-21.92	34.65	0.00020	-34.65	21.92	0.00024
-36.06	20.51	0.00025	-37.48	19.09	0.00025
-38.89	17.68	0.00026	-40.31	16.26	0.00027
-42.43	14.14	0.00028	-45.96	10.61	0.00029
-49.50	7.07	0.00031	-56.57	0.00	0.00034
-63.64	-7.07	0.00036	-70.71	-14.14	0.00037
-77.78	-21.21	0.00038	-84.85	-28.28	0.00040
-91.92	-35.36	0.00040	-98.99	-42.43	0.00041
49.50	91.92	0.00011	42.43	84.85	0.00011
35.36	77.78	0.00011	28.28	70.71	0.00012
21.21	63.64	0.00012	14.14	56.57	0.00013
7.07	49.50	0.00013	0.00	42.43	0.00015
-3.54	38.89	0.00015	-7.07	35.36	0.00016
-9.19	33.23	0.00017	-10.61	31.82	0.00017
-12.02	30.41	0.00017	-13.44	28.99	0.00018
-14.85	27.58	0.00018	-27.58	14.85	0.00021
-28.99	13.44	0.00022	-30.41	12.02	0.00022
-31.82	10.61	0.00023	-33.23	9.19	0.00023
-35.36	7.07	0.00024	-38.89	3.54	0.00025
-42.43	0.00	0.00027	-49.50	-7.07	0.00029
-56.57	-14.14	0.00031	-63.64	-21.21	0.00032
-70.71	-28.28	0.00033	-77.78	-35.36	0.00034
-84.85	-42.43	0.00035	-91.92	-49.50	0.00036

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

56.57	84.85	0.00010	49.50	77.78	0.00010
42.43	70.71	0.00010	35.36	63.64	0.00010
28.28	56.57	0.00011	21.21	49.50	0.00011
14.14	42.43	0.00012	7.07	35.36	0.00013
3.54	31.82	0.00014	0.00	28.28	0.00014
-2.12	26.16	0.00015	-3.54	24.75	0.00015
-4.95	23.33	0.00015	-6.36	21.92	0.00016
-7.78	20.51	0.00016	-20.51	7.78	0.00019
-21.92	6.36	0.00019	-23.33	4.95	0.00019
-24.75	3.54	0.00020	-26.16	2.12	0.00020
-28.28	0.00	0.00021	-31.82	-3.54	0.00022
-35.36	-7.07	0.00023	-42.43	-14.14	0.00025
-49.50	-21.21	0.00027	-56.57	-28.28	0.00028
-63.64	-35.36	0.00029	-70.71	-42.43	0.00030
-77.78	-49.50	0.00030	-84.85	-56.57	0.00031

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:
 PAGE 112

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00009	56.57	70.71	0.00009
49.50	63.64	0.00009	42.43	56.57	0.00009
35.36	49.50	0.00010	28.28	42.43	0.00010
21.21	35.36	0.00011	14.14	28.28	0.00012
10.61	24.75	0.00012	7.07	21.21	0.00013
4.95	19.09	0.00013	3.54	17.68	0.00014
2.12	16.26	0.00014	0.71	14.85	0.00014
-0.71	13.44	0.00014	-13.44	0.71	0.00017
-14.85	-0.71	0.00017	-16.26	-2.12	0.00017
-17.68	-3.54	0.00017	-19.09	-4.95	0.00018
-21.21	-7.07	0.00018	-24.75	-10.61	0.00019
-28.28	-14.14	0.00020	-35.36	-21.21	0.00022
-42.43	-28.28	0.00023	-49.50	-35.36	0.00024
-56.57	-42.43	0.00025	-63.64	-49.50	0.00026
-70.71	-56.57	0.00027	-77.78	-63.64	0.00027
70.71	70.71	0.00008	63.64	63.64	0.00008
56.57	56.57	0.00008	49.50	49.50	0.00009
42.43	42.43	0.00009	35.36	35.36	0.00009
28.28	28.28	0.00010	21.21	21.21	0.00011

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

17.68	17.68	0.00011	14.14	14.14	0.00012
12.02	12.02	0.00012	10.61	10.61	0.00012
9.19	9.19	0.00013	7.78	7.78	0.00013
6.36	6.36	0.00013	-6.36	-6.36	0.00015
-7.78	-7.78	0.00015	-9.19	-9.19	0.00015
-10.61	-10.61	0.00016	-12.02	-12.02	0.00016
-14.14	-14.14	0.00016	-17.68	-17.68	0.00017
-21.21	-21.21	0.00018	-28.28	-28.28	0.00019
-35.36	-35.36	0.00021	-42.43	-42.43	0.00022
-49.50	-49.50	0.00022	-56.57	-56.57	0.00023
-63.64	-63.64	0.00024	-70.71	-70.71	0.00024
77.78	63.64	0.00007	70.71	56.57	0.00007
63.64	49.50	0.00008	56.57	42.43	0.00008
49.50	35.36	0.00008	42.43	28.28	0.00009
35.36	21.21	0.00009	28.28	14.14	0.00010
24.75	10.61	0.00010	21.21	7.07	0.00011
19.09	4.95	0.00011	17.68	3.54	0.00011
16.26	2.12	0.00011	14.85	0.71	0.00012
13.44	-0.71	0.00012	0.71	-13.44	0.00013
-0.71	-14.85	0.00013	-2.12	-16.26	0.00014
-3.54	-17.68	0.00014	-4.95	-19.09	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:
 PAGE 113

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00015	-10.61	-24.75	0.00015
-14.14	-28.28	0.00016	-21.21	-35.36	0.00017
-28.28	-42.43	0.00018	-35.36	-49.50	0.00019
-42.43	-56.57	0.00020	-49.50	-63.64	0.00021
-56.57	-70.71	0.00021	-63.64	-77.78	0.00022
84.85	56.57	0.00006	77.78	49.50	0.00007
70.71	42.43	0.00007	63.64	35.36	0.00007
56.57	28.28	0.00008	49.50	21.21	0.00008
42.43	14.14	0.00009	35.36	7.07	0.00009
31.82	3.54	0.00010	28.28	0.00	0.00010
26.16	-2.12	0.00010	24.75	-3.54	0.00010
23.33	-4.95	0.00010	21.92	-6.36	0.00011
20.51	-7.78	0.00011	7.78	-20.51	0.00012

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

6.36	-21.92	0.00012	4.95	-23.33	0.00012
3.54	-24.75	0.00013	2.12	-26.16	0.00013
0.00	-28.28	0.00013	-3.54	-31.82	0.00014
-7.07	-35.36	0.00014	-14.14	-42.43	0.00015
-21.21	-49.50	0.00016	-28.28	-56.57	0.00017
-35.36	-63.64	0.00018	-42.43	-70.71	0.00018
-49.50	-77.78	0.00019	-56.57	-84.85	0.00019
91.92	49.50	0.00006	84.85	42.43	0.00006
77.78	35.36	0.00006	70.71	28.28	0.00007
63.64	21.21	0.00007	56.57	14.14	0.00007
49.50	7.07	0.00008	42.43	0.00	0.00008
38.89	-3.54	0.00009	35.36	-7.07	0.00009
33.23	-9.19	0.00009	31.82	-10.61	0.00009
30.41	-12.02	0.00010	28.99	-13.44	0.00010
27.58	-14.85	0.00010	14.85	-27.58	0.00011
13.44	-28.99	0.00011	12.02	-30.41	0.00011
10.61	-31.82	0.00011	9.19	-33.23	0.00012
7.07	-35.36	0.00012	3.54	-38.89	0.00012
0.00	-42.43	0.00013	-7.07	-49.50	0.00014
-14.14	-56.57	0.00015	-21.21	-63.64	0.00015
-28.28	-70.71	0.00016	-35.36	-77.78	0.00017
-42.43	-84.85	0.00017	-49.50	-91.92	0.00017
98.99	42.43	0.00006	91.92	35.36	0.00006
84.85	28.28	0.00006	77.78	21.21	0.00006
70.71	14.14	0.00006	63.64	7.07	0.00007
56.57	0.00	0.00007	49.50	-7.07	0.00008
45.96	-10.61	0.00008	42.43	-14.14	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
 PAGE 114
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00009	38.89	-17.68	0.00009
37.48	-19.09	0.00009	36.06	-20.51	0.00009
34.65	-21.92	0.00009	21.92	-34.65	0.00010
20.51	-36.06	0.00010	19.09	-37.48	0.00010
17.68	-38.89	0.00010	16.26	-40.31	0.00011
14.14	-42.43	0.00011	10.61	-45.96	0.00011
7.07	-49.50	0.00012	0.00	-56.57	0.00012

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-63.64	0.00013	-14.14	-70.71	0.00014
-21.21	-77.78	0.00015	-28.28	-84.85	0.00015
-35.36	-91.92	0.00015	-42.43	-98.99	0.00016
106.07	35.36	0.00005	98.99	28.28	0.00005
91.92	21.21	0.00006	84.85	14.14	0.00006
77.78	7.07	0.00006	70.71	0.00	0.00006
63.64	-7.07	0.00007	56.57	-14.14	0.00007
53.03	-17.68	0.00008	49.50	-21.21	0.00008
47.38	-23.33	0.00008	45.96	-24.75	0.00008
44.55	-26.16	0.00008	43.13	-27.58	0.00008
41.72	-28.99	0.00008	28.99	-41.72	0.00009
27.58	-43.13	0.00009	26.16	-44.55	0.00009
24.75	-45.96	0.00009	23.33	-47.38	0.00010
21.21	-49.50	0.00010	17.68	-53.03	0.00010
14.14	-56.57	0.00011	7.07	-63.64	0.00011
0.00	-70.71	0.00012	-7.07	-77.78	0.00013
-14.14	-84.85	0.00013	-21.21	-91.92	0.00014
-28.28	-98.99	0.00014	-35.36	-106.07	0.00014
113.14	28.28	0.00005	106.07	21.21	0.00005
98.99	14.14	0.00005	91.92	7.07	0.00005
84.85	0.00	0.00006	77.78	-7.07	0.00006
70.71	-14.14	0.00006	63.64	-21.21	0.00007
60.10	-24.75	0.00007	56.57	-28.28	0.00007
54.45	-30.41	0.00007	53.03	-31.82	0.00007
51.62	-33.23	0.00007	50.20	-34.65	0.00008
48.79	-36.06	0.00008	36.06	-48.79	0.00008
34.65	-50.20	0.00009	33.23	-51.62	0.00009
31.82	-53.03	0.00009	30.41	-54.45	0.00009
28.28	-56.57	0.00009	24.75	-60.10	0.00009
21.21	-63.64	0.00010	14.14	-70.71	0.00010
7.07	-77.78	0.00011	0.00	-84.85	0.00012
-7.07	-91.92	0.00012	-14.14	-98.99	0.00013
-21.21	-106.07	0.00013	-28.28	-113.14	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00005	113.14	14.14	0.00005

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

106.07	7.07	0.00005	98.99	0.00	0.00005
91.92	-7.07	0.00005	84.85	-14.14	0.00006
77.78	-21.21	0.00006	70.71	-28.28	0.00006
67.18	-31.82	0.00007	63.64	-35.36	0.00007
61.52	-37.48	0.00007	60.10	-38.89	0.00007
58.69	-40.31	0.00007	57.28	-41.72	0.00007
55.86	-43.13	0.00007	43.13	-55.86	0.00008
41.72	-57.28	0.00008	40.31	-58.69	0.00008
38.89	-60.10	0.00008	37.48	-61.52	0.00008
35.36	-63.64	0.00008	31.82	-67.18	0.00009
28.28	-70.71	0.00009	21.21	-77.78	0.00009
14.14	-84.85	0.00010	7.07	-91.92	0.00011
0.00	-98.99	0.00011	-7.07	-106.07	0.00011
-14.14	-113.14	0.00012	-21.21	-120.21	0.00012
127.28	14.14	0.00004	120.21	7.07	0.00004
113.14	0.00	0.00005	106.07	-7.07	0.00005
98.99	-14.14	0.00005	91.92	-21.21	0.00005
84.85	-28.28	0.00006	77.78	-35.36	0.00006
74.25	-38.89	0.00006	70.71	-42.43	0.00006
68.59	-44.55	0.00006	67.18	-45.96	0.00006
65.76	-47.38	0.00006	64.35	-48.79	0.00007
62.93	-50.20	0.00007	50.20	-62.93	0.00007
48.79	-64.35	0.00007	47.38	-65.76	0.00007
45.96	-67.18	0.00007	44.55	-68.59	0.00008
42.43	-70.71	0.00008	38.89	-74.25	0.00008
35.36	-77.78	0.00008	28.28	-84.85	0.00009
21.21	-91.92	0.00009	14.14	-98.99	0.00010
7.07	-106.07	0.00010	0.00	-113.14	0.00011
-7.07	-120.21	0.00011	-14.14	-127.28	0.00011
134.35	7.07	0.00004	127.28	0.00	0.00004
120.21	-7.07	0.00004	113.14	-14.14	0.00004
106.07	-21.21	0.00005	98.99	-28.28	0.00005
91.92	-35.36	0.00005	84.85	-42.43	0.00006
81.32	-45.96	0.00006	77.78	-49.50	0.00006
75.66	-51.62	0.00006	74.25	-53.03	0.00006
72.83	-54.45	0.00006	71.42	-55.86	0.00006
70.00	-57.28	0.00006	57.28	-70.00	0.00007
55.86	-71.42	0.00007	54.45	-72.83	0.00007
53.03	-74.25	0.00007	51.62	-75.66	0.00007

1 *** ISCST3 - VERSION 02035 ***
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*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00007	45.96	-81.32	0.00007
42.43	-84.85	0.00008	35.36	-91.92	0.00008
28.28	-98.99	0.00008	21.21	-106.07	0.00009
14.14	-113.14	0.00009	7.07	-120.21	0.00010
0.00	-127.28	0.00010	-7.07	-134.35	0.00010
141.42	0.00	0.00004	134.35	-7.07	0.00004
127.28	-14.14	0.00004	120.21	-21.21	0.00004
113.14	-28.28	0.00004	106.07	-35.36	0.00005
98.99	-42.43	0.00005	91.92	-49.50	0.00005
88.39	-53.03	0.00005	84.85	-56.57	0.00005
82.73	-58.69	0.00006	81.32	-60.10	0.00006
79.90	-61.52	0.00006	78.49	-62.93	0.00006
77.07	-64.35	0.00006	64.35	-77.07	0.00006
62.93	-78.49	0.00006	61.52	-79.90	0.00006
60.10	-81.32	0.00006	58.69	-82.73	0.00007
56.57	-84.85	0.00007	53.03	-88.39	0.00007
49.50	-91.92	0.00007	42.43	-98.99	0.00007
35.36	-106.07	0.00008	28.28	-113.14	0.00008
21.21	-120.21	0.00009	14.14	-127.28	0.00009
7.07	-134.35	0.00009	0.00	-141.42	0.00010
148.49	-7.07	0.00004	141.42	-14.14	0.00004
134.35	-21.21	0.00004	127.28	-28.28	0.00004
120.21	-35.36	0.00004	113.14	-42.43	0.00004
106.07	-49.50	0.00005	98.99	-56.57	0.00005
95.46	-60.10	0.00005	91.92	-63.64	0.00005
89.80	-65.76	0.00005	88.39	-67.18	0.00005
86.97	-68.59	0.00005	85.56	-70.00	0.00005
84.15	-71.42	0.00005	71.42	-84.15	0.00006
70.00	-85.56	0.00006	68.59	-86.97	0.00006
67.18	-88.39	0.00006	65.76	-89.80	0.00006
63.64	-91.92	0.00006	60.10	-95.46	0.00006
56.57	-98.99	0.00007	49.50	-106.07	0.00007
42.43	-113.14	0.00007	35.36	-120.21	0.00008
28.28	-127.28	0.00008	21.21	-134.35	0.00008
14.14	-141.42	0.00009	7.07	-148.49	0.00009
155.56	-14.14	0.00003	148.49	-21.21	0.00004
141.42	-28.28	0.00004	134.35	-35.36	0.00004
127.28	-42.43	0.00004	120.21	-49.50	0.00004
113.14	-56.57	0.00004	106.07	-63.64	0.00005

102.53 -67.18 0.00005 98.99 -70.71 0.00005

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00005	95.46	-74.25	0.00005
94.05	-75.66	0.00005	92.63	-77.07	0.00005
91.22	-78.49	0.00005	78.49	-91.22	0.00005
77.07	-92.63	0.00006	75.66	-94.05	0.00006
74.25	-95.46	0.00006	72.83	-96.87	0.00006
70.71	-98.99	0.00006	67.18	-102.53	0.00006
63.64	-106.07	0.00006	56.57	-113.14	0.00006
49.50	-120.21	0.00007	42.43	-127.28	0.00007
35.36	-134.35	0.00007	28.28	-141.42	0.00008
21.21	-148.49	0.00008	14.14	-155.56	0.00008
162.63	-21.21	0.00003	155.56	-28.28	0.00003
148.49	-35.36	0.00003	141.42	-42.43	0.00004
134.35	-49.50	0.00004	127.28	-56.57	0.00004
120.21	-63.64	0.00004	113.14	-70.71	0.00004
109.60	-74.25	0.00004	106.07	-77.78	0.00005
103.94	-79.90	0.00005	102.53	-81.32	0.00005
101.12	-82.73	0.00005	99.70	-84.15	0.00005
98.29	-85.56	0.00005	85.56	-98.29	0.00005
84.15	-99.70	0.00005	82.73	-101.12	0.00005
81.32	-102.53	0.00005	79.90	-103.94	0.00005
77.78	-106.07	0.00005	74.25	-109.60	0.00006
70.71	-113.14	0.00006	63.64	-120.21	0.00006
56.57	-127.28	0.00006	49.50	-134.35	0.00007
42.43	-141.42	0.00007	35.36	-148.49	0.00007
28.28	-155.56	0.00007	21.21	-162.63	0.00008
169.71	-28.28	0.00003	162.63	-35.36	0.00003
155.56	-42.43	0.00003	148.49	-49.50	0.00003
141.42	-56.57	0.00004	134.35	-63.64	0.00004
127.28	-70.71	0.00004	120.21	-77.78	0.00004
116.67	-81.32	0.00004	113.14	-84.85	0.00004
111.02	-86.97	0.00004	109.60	-88.39	0.00004
108.19	-89.80	0.00004	106.77	-91.22	0.00004
105.36	-92.63	0.00005	92.63	-105.36	0.00005

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

91.22	-106.77	0.00005	89.80	-108.19	0.00005
88.39	-109.60	0.00005	86.97	-111.02	0.00005
84.85	-113.14	0.00005	81.32	-116.67	0.00005
77.78	-120.21	0.00005	70.71	-127.28	0.00006
63.64	-134.35	0.00006	56.57	-141.42	0.00006
49.50	-148.49	0.00006	42.43	-155.56	0.00007
35.36	-162.63	0.00007	28.28	-169.71	0.00007

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00003	169.71	-42.43	0.00003
162.63	-49.50	0.00003	155.56	-56.57	0.00003
148.49	-63.64	0.00003	141.42	-70.71	0.00004
134.35	-77.78	0.00004	127.28	-84.85	0.00004
123.74	-88.39	0.00004	120.21	-91.92	0.00004
118.09	-94.05	0.00004	116.67	-95.46	0.00004
115.26	-96.87	0.00004	113.84	-98.29	0.00004
112.43	-99.70	0.00004	99.70	-112.43	0.00005
98.29	-113.84	0.00005	96.87	-115.26	0.00005
95.46	-116.67	0.00005	94.05	-118.09	0.00005
91.92	-120.21	0.00005	88.39	-123.74	0.00005
84.85	-127.28	0.00005	77.78	-134.35	0.00005
70.71	-141.42	0.00006	63.64	-148.49	0.00006
56.57	-155.56	0.00006	49.50	-162.63	0.00006
42.43	-169.71	0.00007	35.36	-176.78	0.00007
183.85	-42.43	0.00003	176.78	-49.50	0.00003
169.71	-56.57	0.00003	162.63	-63.64	0.00003
155.56	-70.71	0.00003	148.49	-77.78	0.00003
141.42	-84.85	0.00004	134.35	-91.92	0.00004
130.81	-95.46	0.00004	127.28	-98.99	0.00004
125.16	-101.12	0.00004	123.74	-102.53	0.00004
122.33	-103.94	0.00004	120.92	-105.36	0.00004
119.50	-106.77	0.00004	106.77	-119.50	0.00004
105.36	-120.92	0.00004	103.94	-122.33	0.00004
102.53	-123.74	0.00004	101.12	-125.16	0.00004
98.99	-127.28	0.00005	95.46	-130.81	0.00005
91.92	-134.35	0.00005	84.85	-141.42	0.00005

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-148.49	0.00005	70.71	-155.56	0.00005
63.64	-162.63	0.00006	56.57	-169.71	0.00006
49.50	-176.78	0.00006	42.43	-183.85	0.00006
190.92	-49.50	0.00003	183.85	-56.57	0.00003
176.78	-63.64	0.00003	169.71	-70.71	0.00003
162.63	-77.78	0.00003	155.56	-84.85	0.00003
148.49	-91.92	0.00003	141.42	-98.99	0.00004
137.89	-102.53	0.00004	134.35	-106.07	0.00004
132.23	-108.19	0.00004	130.81	-109.60	0.00004
129.40	-111.02	0.00004	127.99	-112.43	0.00004
126.57	-113.84	0.00004	113.84	-126.57	0.00004
112.43	-127.99	0.00004	111.02	-129.40	0.00004
109.60	-130.81	0.00004	108.19	-132.23	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00004	102.53	-137.89	0.00004
98.99	-141.42	0.00004	91.92	-148.49	0.00005
84.85	-155.56	0.00005	77.78	-162.63	0.00005
70.71	-169.71	0.00005	63.64	-176.78	0.00006
56.57	-183.85	0.00006	49.50	-190.92	0.00006
197.99	-56.57	0.00003	190.92	-63.64	0.00003
183.85	-70.71	0.00003	176.78	-77.78	0.00003
169.71	-84.85	0.00003	162.63	-91.92	0.00003
155.56	-98.99	0.00003	148.49	-106.07	0.00003
144.96	-109.60	0.00003	141.42	-113.14	0.00004
139.30	-115.26	0.00004	137.89	-116.67	0.00004
136.47	-118.09	0.00004	135.06	-119.50	0.00004
133.64	-120.92	0.00004	120.92	-133.64	0.00004
119.50	-135.06	0.00004	118.09	-136.47	0.00004
116.67	-137.89	0.00004	115.26	-139.30	0.00004
113.14	-141.42	0.00004	109.60	-144.96	0.00004
106.07	-148.49	0.00004	98.99	-155.56	0.00004
91.92	-162.63	0.00005	84.85	-169.71	0.00005
77.78	-176.78	0.00005	70.71	-183.85	0.00005
63.64	-190.92	0.00005	56.57	-197.99	0.00006
205.06	-63.64	0.00002	197.99	-70.71	0.00003

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-77.78	0.00003	183.85	-84.85	0.00003
176.78	-91.92	0.00003	169.71	-98.99	0.00003
162.63	-106.07	0.00003	155.56	-113.14	0.00003
152.03	-116.67	0.00003	148.49	-120.21	0.00003
146.37	-122.33	0.00003	144.96	-123.74	0.00003
143.54	-125.16	0.00003	142.13	-126.57	0.00003
140.71	-127.99	0.00003	127.99	-140.71	0.00004
126.57	-142.13	0.00004	125.16	-143.54	0.00004
123.74	-144.96	0.00004	122.33	-146.37	0.00004
120.21	-148.49	0.00004	116.67	-152.03	0.00004
113.14	-155.56	0.00004	106.07	-162.63	0.00004
98.99	-169.71	0.00004	91.92	-176.78	0.00005
84.85	-183.85	0.00005	77.78	-190.92	0.00005
70.71	-197.99	0.00005	63.64	-205.06	0.00005
212.13	-70.71	0.00002	205.06	-77.78	0.00002
197.99	-84.85	0.00003	190.92	-91.92	0.00003
183.85	-98.99	0.00003	176.78	-106.07	0.00003
169.71	-113.14	0.00003	162.63	-120.21	0.00003
159.10	-123.74	0.00003	155.56	-127.28	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00003	152.03	-130.81	0.00003
150.61	-132.23	0.00003	149.20	-133.64	0.00003
147.79	-135.06	0.00003	135.06	-147.79	0.00004
133.64	-149.20	0.00004	132.23	-150.61	0.00004
130.81	-152.03	0.00004	129.40	-153.44	0.00004
127.28	-155.56	0.00004	123.74	-159.10	0.00004
120.21	-162.63	0.00004	113.14	-169.71	0.00004
106.07	-176.78	0.00004	98.99	-183.85	0.00004
91.92	-190.92	0.00004	84.85	-197.99	0.00005
77.78	-205.06	0.00005	70.71	-212.13	0.00005
219.20	-77.78	0.00002	212.13	-84.85	0.00002
205.06	-91.92	0.00002	197.99	-98.99	0.00003
190.92	-106.07	0.00003	183.85	-113.14	0.00003
176.78	-120.21	0.00003	169.71	-127.28	0.00003
166.17	-130.81	0.00003	162.63	-134.35	0.00003

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

160.51	-136.47	0.00003	159.10	-137.89	0.00003
157.68	-139.30	0.00003	156.27	-140.71	0.00003
154.86	-142.13	0.00003	142.13	-154.86	0.00003
140.71	-156.27	0.00003	139.30	-157.68	0.00003
137.89	-159.10	0.00003	136.47	-160.51	0.00003
134.35	-162.63	0.00003	130.81	-166.17	0.00004
127.28	-169.71	0.00004	120.21	-176.78	0.00004
113.14	-183.85	0.00004	106.07	-190.92	0.00004
98.99	-197.99	0.00004	91.92	-205.06	0.00004
84.85	-212.13	0.00005	77.78	-219.20	0.00005
226.27	-84.85	0.00002	219.20	-91.92	0.00002
212.13	-98.99	0.00002	205.06	-106.07	0.00002
197.99	-113.14	0.00003	190.92	-120.21	0.00003
183.85	-127.28	0.00003	176.78	-134.35	0.00003
173.24	-137.89	0.00003	169.71	-141.42	0.00003
167.58	-143.54	0.00003	166.17	-144.96	0.00003
164.76	-146.37	0.00003	163.34	-147.79	0.00003
161.93	-149.20	0.00003	149.20	-161.93	0.00003
147.79	-163.34	0.00003	146.37	-164.76	0.00003
144.96	-166.17	0.00003	143.54	-167.58	0.00003
141.42	-169.71	0.00003	137.89	-173.24	0.00003
134.35	-176.78	0.00003	127.28	-183.85	0.00004
120.21	-190.92	0.00004	113.14	-197.99	0.00004
106.07	-205.06	0.00004	98.99	-212.13	0.00004
91.92	-219.20	0.00004	84.85	-226.27	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00002	226.27	-98.99	0.00002
219.20	-106.07	0.00002	212.13	-113.14	0.00002
205.06	-120.21	0.00002	197.99	-127.28	0.00003
190.92	-134.35	0.00003	183.85	-141.42	0.00003
180.31	-144.96	0.00003	176.78	-148.49	0.00003
174.66	-150.61	0.00003	173.24	-152.03	0.00003
171.83	-153.44	0.00003	170.41	-154.86	0.00003
169.00	-156.27	0.00003	156.27	-169.00	0.00003
154.86	-170.41	0.00003	153.44	-171.83	0.00003

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

152.03	-173.24	0.00003	150.61	-174.66	0.00003
148.49	-176.78	0.00003	144.96	-180.31	0.00003
141.42	-183.85	0.00003	134.35	-190.92	0.00003
127.28	-197.99	0.00004	120.21	-205.06	0.00004
113.14	-212.13	0.00004	106.07	-219.20	0.00004
98.99	-226.27	0.00004	91.92	-233.35	0.00004
240.42	-98.99	0.00002	233.35	-106.07	0.00002
226.27	-113.14	0.00002	219.20	-120.21	0.00002
212.13	-127.28	0.00002	205.06	-134.35	0.00002
197.99	-141.42	0.00003	190.92	-148.49	0.00003
187.38	-152.03	0.00003	183.85	-155.56	0.00003
181.73	-157.68	0.00003	180.31	-159.10	0.00003
178.90	-160.51	0.00003	177.48	-161.93	0.00003
176.07	-163.34	0.00003	163.34	-176.07	0.00003
161.93	-177.48	0.00003	160.51	-178.90	0.00003
159.10	-180.31	0.00003	157.68	-181.73	0.00003
155.56	-183.85	0.00003	152.03	-187.38	0.00003
148.49	-190.92	0.00003	141.42	-197.99	0.00003
134.35	-205.06	0.00003	127.28	-212.13	0.00003
120.21	-219.20	0.00004	113.14	-226.27	0.00004
106.07	-233.35	0.00004	98.99	-240.42	0.00004
247.49	-106.07	0.00002	240.42	-113.14	0.00002
233.35	-120.21	0.00002	226.27	-127.28	0.00002
219.20	-134.35	0.00002	212.13	-141.42	0.00002
205.06	-148.49	0.00002	197.99	-155.56	0.00002
194.45	-159.10	0.00003	190.92	-162.63	0.00003
188.80	-164.76	0.00003	187.38	-166.17	0.00003
185.97	-167.58	0.00003	184.55	-169.00	0.00003
183.14	-170.41	0.00003	170.41	-183.14	0.00003
169.00	-184.55	0.00003	167.58	-185.97	0.00003
166.17	-187.38	0.00003	164.76	-188.80	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 18:47:39
 **MODELOPTs:
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 CONC URBAN FLAT FLGPOL DFAULT
 *** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00003	159.10	-194.45	0.00003
155.56	-197.99	0.00003	148.49	-205.06	0.00003
141.42	-212.13	0.00003	134.35	-219.20	0.00003

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-226.27	0.00003	120.21	-233.35	0.00004
113.14	-240.42	0.00004	106.07	-247.49	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00229	-113.14	240.42	0.00246
-120.21	233.35	0.00266	-127.28	226.27	0.00288
-134.35	219.20	0.00311	-141.42	212.13	0.00335
-148.49	205.06	0.00354	-155.56	197.99	0.00356
-159.10	194.45	0.00342	-162.63	190.92	0.00314
-164.76	188.80	0.00289	-166.17	187.38	0.00271
-167.58	185.97	0.00253	-169.00	184.55	0.00234
-170.41	183.14	0.00217	-183.14	170.41	0.00143
-184.55	169.00	0.00143	-185.97	167.58	0.00143
-187.38	166.17	0.00145	-188.80	164.76	0.00147
-190.92	162.63	0.00150	-194.45	159.10	0.00156
-197.99	155.56	0.00161	-205.06	148.49	0.00168
-212.13	141.42	0.00171	-219.20	134.35	0.00169
-226.27	127.28	0.00164	-233.35	120.21	0.00158
-240.42	113.14	0.00152	-247.49	106.07	0.00145
-98.99	240.42	0.00241	-106.07	233.35	0.00261
-113.14	226.27	0.00285	-120.21	219.20	0.00311
-127.28	212.13	0.00341	-134.35	205.06	0.00374
-141.42	197.99	0.00408	-148.49	190.92	0.00437
-152.03	187.38	0.00444	-155.56	183.85	0.00437
-157.68	181.73	0.00421	-159.10	180.31	0.00404
-160.51	178.90	0.00380	-161.93	177.48	0.00350
-163.34	176.07	0.00317	-176.07	163.34	0.00176
-177.48	161.93	0.00178	-178.90	160.51	0.00181
-180.31	159.10	0.00185	-181.73	157.68	0.00189
-183.85	155.56	0.00195	-187.38	152.03	0.00204
-190.92	148.49	0.00210	-197.99	141.42	0.00214
-205.06	134.35	0.00211	-212.13	127.28	0.00203
-219.20	120.21	0.00194	-226.27	113.14	0.00184
-233.35	106.07	0.00173	-240.42	98.99	0.00164
-91.92	233.35	0.00253	-99.00	226.27	0.00275
-106.07	219.20	0.00302	-113.14	212.13	0.00333

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	205.06	0.00369	-127.28	197.99	0.00410
-134.35	190.92	0.00458	-141.42	183.85	0.00508
-144.96	180.31	0.00533	-148.49	176.78	0.00553
-150.61	174.66	0.00559	-152.03	173.24	0.00559
-153.44	171.83	0.00556	-154.86	170.41	0.00545
-156.27	169.00	0.00520	-169.00	156.27	0.00246
-170.41	154.86	0.00253	-171.83	153.44	0.00258
-173.24	152.03	0.00262	-174.66	150.61	0.00266

1 *** ISCST3 - VERSION 02035 *** 04/20/08
 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00270	-180.31	144.96	0.00274
-183.85	141.42	0.00275	-190.92	134.35	0.00269
-197.99	127.28	0.00257	-205.06	120.21	0.00242
-212.13	113.14	0.00226	-219.20	106.07	0.00211
-226.27	98.99	0.00197	-233.35	91.92	0.00184
-84.85	226.27	0.00263	-91.92	219.20	0.00288
-99.00	212.13	0.00317	-106.07	205.06	0.00351
-113.14	197.99	0.00392	-120.21	190.92	0.00441
-127.28	183.85	0.00498	-134.35	176.78	0.00565
-137.89	173.24	0.00601	-141.42	169.71	0.00637
-143.54	167.58	0.00655	-144.96	166.17	0.00663
-146.37	164.76	0.00670	-147.79	163.34	0.00680
-149.20	161.93	0.00682	-161.93	149.20	0.00404
-163.34	147.79	0.00389	-164.76	146.37	0.00379
-166.17	144.96	0.00373	-167.58	143.54	0.00368
-169.71	141.42	0.00363	-173.24	137.89	0.00356
-176.78	134.35	0.00348	-183.85	127.28	0.00329
-190.92	120.21	0.00306	-197.99	113.14	0.00283
-205.06	106.07	0.00260	-212.13	98.99	0.00239
-219.20	91.92	0.00221	-226.27	84.85	0.00204
-77.78	219.20	0.00271	-84.85	212.13	0.00298
-91.92	205.06	0.00329	-99.00	197.99	0.00367
-106.07	190.92	0.00411	-113.14	183.85	0.00464
-120.21	176.78	0.00528	-127.28	169.71	0.00602
-130.81	166.17	0.00642	-134.35	162.63	0.00682
-136.47	160.51	0.00701	-137.89	159.10	0.00710

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-139.30	157.68	0.00716	-140.71	156.27	0.00720
-142.13	154.86	0.00722	-154.86	142.13	0.00495
-156.27	140.71	0.00483	-157.68	139.30	0.00473
-159.10	137.89	0.00464	-160.51	136.47	0.00456
-162.63	134.35	0.00446	-166.17	130.81	0.00429
-169.71	127.28	0.00414	-176.78	120.21	0.00383
-183.85	113.14	0.00351	-190.92	106.07	0.00320
-197.99	98.99	0.00291	-205.06	91.92	0.00266
-212.13	84.85	0.00243	-219.20	77.78	0.00223
-70.71	212.13	0.00279	-77.78	205.06	0.00307
-84.85	197.99	0.00340	-91.92	190.92	0.00379
-98.99	183.85	0.00425	-106.07	176.78	0.00481
-113.14	169.71	0.00548	-120.21	162.63	0.00626
-123.74	159.10	0.00665	-127.28	155.56	0.00704

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00723	-130.81	152.03	0.00732
-132.23	150.61	0.00737	-133.64	149.20	0.00738
-135.06	147.79	0.00739	-147.79	135.06	0.00537
-149.20	133.64	0.00529	-150.61	132.23	0.00523
-152.03	130.81	0.00517	-153.44	129.40	0.00512
-155.56	127.28	0.00504	-159.10	123.74	0.00489
-162.63	120.21	0.00471	-169.71	113.14	0.00432
-176.78	106.07	0.00392	-183.85	98.99	0.00354
-190.92	91.92	0.00320	-197.99	84.85	0.00290
-205.06	77.78	0.00264	-212.13	70.71	0.00241
-63.64	205.06	0.00285	-70.71	197.99	0.00314
-77.78	190.92	0.00348	-84.85	183.85	0.00388
-91.92	176.78	0.00436	-98.99	169.71	0.00494
-106.07	162.63	0.00562	-113.14	155.56	0.00640
-116.67	152.03	0.00680	-120.21	148.49	0.00716
-122.33	146.37	0.00735	-123.74	144.96	0.00744
-125.16	143.54	0.00750	-126.57	142.13	0.00751
-127.99	140.71	0.00751	-140.71	127.99	0.00563
-142.13	126.57	0.00557	-143.54	125.16	0.00552
-144.96	123.74	0.00549	-146.37	122.33	0.00545

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-148.49	120.21	0.00540	-152.03	116.67	0.00528
-155.56	113.14	0.00513	-162.63	106.07	0.00473
-169.71	98.99	0.00428	-176.78	91.92	0.00385
-183.85	84.85	0.00346	-190.92	77.78	0.00312
-197.99	70.71	0.00283	-205.06	63.64	0.00258
-56.57	197.99	0.00290	-63.64	190.92	0.00319
-70.71	183.85	0.00354	-77.78	176.78	0.00395
-84.85	169.71	0.00445	-91.92	162.63	0.00503
-98.99	155.56	0.00572	-106.07	148.49	0.00649
-109.60	144.96	0.00689	-113.14	141.42	0.00726
-115.26	139.30	0.00743	-116.67	137.89	0.00753
-118.09	136.47	0.00759	-119.50	135.06	0.00760
-120.92	133.64	0.00759	-133.64	120.92	0.00581
-135.06	119.50	0.00576	-136.47	118.09	0.00573
-137.89	116.67	0.00570	-139.30	115.26	0.00568
-141.42	113.14	0.00564	-144.96	109.60	0.00554
-148.49	106.07	0.00541	-155.56	98.99	0.00503
-162.63	91.92	0.00458	-169.71	84.85	0.00413
-176.78	77.78	0.00370	-183.85	70.71	0.00333
-190.92	63.64	0.00301	-197.99	56.57	0.00273

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00294	-56.57	183.85	0.00324
-63.64	176.78	0.00359	-70.71	169.71	0.00401
-77.78	162.63	0.00451	-84.85	155.56	0.00510
-91.92	148.49	0.00578	-98.99	141.42	0.00656
-102.53	137.89	0.00696	-106.07	134.35	0.00733
-108.19	132.23	0.00751	-109.60	130.81	0.00760
-111.02	129.40	0.00766	-112.43	127.99	0.00767
-113.84	126.57	0.00765	-126.57	113.84	0.00595
-127.99	112.43	0.00590	-129.40	111.02	0.00587
-130.81	109.60	0.00586	-132.23	108.19	0.00584
-134.35	106.07	0.00580	-137.89	102.53	0.00572
-141.42	98.99	0.00560	-148.49	91.92	0.00525
-155.56	84.85	0.00481	-162.63	77.78	0.00435
-169.71	70.71	0.00391	-176.78	63.64	0.00352

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-183.85	56.57	0.00318	-190.92	49.50	0.00288
-42.43	183.85	0.00298	-49.50	176.78	0.00328
-56.57	169.71	0.00364	-63.64	162.63	0.00406
-70.71	155.56	0.00456	-77.78	148.49	0.00514
-84.85	141.42	0.00583	-91.92	134.35	0.00661
-95.46	130.81	0.00701	-98.99	127.28	0.00738
-101.12	125.16	0.00757	-102.53	123.74	0.00766
-103.94	122.33	0.00772	-105.36	120.92	0.00773
-106.77	119.50	0.00771	-119.50	106.77	0.00605
-120.92	105.36	0.00600	-122.33	103.94	0.00598
-123.74	102.53	0.00597	-125.16	101.12	0.00596
-127.28	98.99	0.00593	-130.81	95.46	0.00586
-134.35	91.92	0.00574	-141.42	84.85	0.00541
-148.49	77.78	0.00498	-155.56	70.71	0.00452
-162.63	63.64	0.00408	-169.71	56.57	0.00368
-176.78	49.50	0.00332	-183.85	42.43	0.00301
-35.36	176.78	0.00301	-42.43	169.71	0.00331
-49.50	162.63	0.00367	-56.57	155.56	0.00409
-63.64	148.49	0.00459	-70.71	141.42	0.00518
-77.78	134.35	0.00586	-84.85	127.28	0.00664
-88.39	123.74	0.00706	-91.92	120.21	0.00744
-94.05	118.09	0.00762	-95.46	116.67	0.00771
-96.87	115.26	0.00777	-98.29	113.84	0.00778
-99.70	112.43	0.00776	-112.43	99.70	0.00613
-113.84	98.29	0.00609	-115.26	96.87	0.00607
-116.67	95.46	0.00606	-118.09	94.05	0.00605

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTS:
 PAGE 127
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00603	-123.74	88.39	0.00596
-127.28	84.85	0.00585	-134.35	77.78	0.00552
-141.42	70.71	0.00510	-148.49	63.64	0.00465
-155.56	56.57	0.00422	-162.63	49.50	0.00381
-169.71	42.43	0.00345	-176.78	35.36	0.00313
-28.28	169.71	0.00303	-35.36	162.63	0.00334
-42.43	155.56	0.00370	-49.50	148.49	0.00412
-56.57	141.42	0.00462	-63.64	134.35	0.00521

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	127.28	0.00589	-77.78	120.21	0.00667
-81.32	116.67	0.00708	-84.85	113.14	0.00747
-86.97	111.02	0.00766	-88.39	109.60	0.00776
-89.80	108.19	0.00784	-91.22	106.77	0.00786
-92.63	105.36	0.00781	-105.36	92.63	0.00620
-106.77	91.22	0.00616	-108.19	89.80	0.00613
-109.60	88.39	0.00612	-111.02	86.97	0.00612
-113.14	84.85	0.00611	-116.67	81.32	0.00604
-120.21	77.78	0.00594	-127.28	70.71	0.00562
-134.35	63.64	0.00520	-141.42	56.57	0.00476
-148.49	49.50	0.00432	-155.56	42.43	0.00392
-162.63	35.36	0.00356	-169.71	28.28	0.00323
-21.21	162.63	0.00305	-28.28	155.56	0.00335
-35.36	148.49	0.00372	-42.43	141.42	0.00414
-49.50	134.35	0.00464	-56.57	127.28	0.00523
-63.64	120.21	0.00591	-70.71	113.14	0.00669
-74.25	109.60	0.00710	-77.78	106.07	0.00749
-79.90	103.94	0.00768	-81.32	102.53	0.00777
-82.73	101.12	0.00783	-84.15	99.70	0.00792
-85.56	98.29	0.00794	-98.29	85.56	0.00623
-99.70	84.15	0.00621	-101.12	82.73	0.00619
-102.53	81.32	0.00618	-103.94	79.90	0.00618
-106.07	77.78	0.00616	-109.60	74.25	0.00611
-113.14	70.71	0.00600	-120.21	63.64	0.00569
-127.28	56.57	0.00528	-134.35	49.50	0.00484
-141.42	42.43	0.00441	-148.49	35.36	0.00401
-155.56	28.28	0.00364	-162.63	21.21	0.00332
-14.14	155.56	0.00306	-21.21	148.49	0.00337
-28.28	141.42	0.00373	-35.36	134.35	0.00415
-42.43	127.28	0.00465	-49.50	120.21	0.00524
-56.57	113.14	0.00593	-63.64	106.07	0.00671
-67.18	102.53	0.00712	-70.71	98.99	0.00752

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTS:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00771	-74.25	95.46	0.00780
-75.66	94.05	0.00786	-77.07	92.63	0.00791

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-78.49	91.22	0.00794	-91.22	78.49	0.00626
-92.63	77.07	0.00623	-94.05	75.66	0.00623
-95.46	74.25	0.00623	-96.87	72.83	0.00622
-98.99	70.71	0.00621	-102.53	67.18	0.00616
-106.07	63.64	0.00606	-113.14	56.57	0.00575
-120.21	49.50	0.00534	-127.28	42.43	0.00490
-134.35	35.36	0.00448	-141.42	28.28	0.00408
-148.49	21.21	0.00372	-155.56	14.14	0.00339
-7.07	148.49	0.00307	-14.14	141.42	0.00338
-21.21	134.35	0.00374	-28.28	127.28	0.00416
-35.36	120.21	0.00466	-42.43	113.14	0.00526
-49.50	106.07	0.00595	-56.57	98.99	0.00673
-60.10	95.46	0.00713	-63.64	91.92	0.00753
-65.76	89.80	0.00773	-67.18	88.39	0.00783
-68.59	86.97	0.00789	-70.00	85.56	0.00791
-71.42	84.15	0.00795	-84.15	71.42	0.00629
-85.56	70.00	0.00626	-86.97	68.59	0.00626
-88.39	67.18	0.00626	-89.80	65.76	0.00626
-91.92	63.64	0.00625	-95.46	60.10	0.00620
-98.99	56.57	0.00611	-106.07	49.50	0.00580
-113.14	42.43	0.00539	-120.21	35.36	0.00496
-127.28	28.28	0.00453	-134.35	21.21	0.00413
-141.42	14.14	0.00378	-148.49	7.07	0.00345
0.00	141.42	0.00307	-7.07	134.35	0.00338
-14.14	127.28	0.00375	-21.21	120.21	0.00417
-28.28	113.14	0.00467	-35.36	106.07	0.00527
-42.43	98.99	0.00596	-49.50	91.92	0.00675
-53.03	88.39	0.00716	-56.57	84.85	0.00754
-58.69	82.73	0.00774	-60.10	81.32	0.00784
-61.52	79.90	0.00791	-62.93	78.49	0.00794
-64.35	77.07	0.00795	-77.07	64.35	0.00632
-78.49	62.93	0.00629	-79.90	61.52	0.00628
-81.32	60.10	0.00628	-82.73	58.69	0.00628
-84.85	56.57	0.00628	-88.39	53.03	0.00623
-91.92	49.50	0.00614	-98.99	42.43	0.00584
-106.07	35.36	0.00544	-113.14	28.28	0.00500
-120.21	21.21	0.00458	-127.28	14.14	0.00418
-134.35	7.07	0.00382	-141.42	0.00	0.00350

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00307	0.00	127.28	0.00339
-7.07	120.21	0.00375	-14.14	113.14	0.00417
-21.21	106.07	0.00468	-28.28	98.99	0.00527
-35.36	91.92	0.00597	-42.43	84.85	0.00676
-45.96	81.32	0.00717	-49.50	77.78	0.00756
-51.62	75.66	0.00774	-53.03	74.25	0.00785
-54.45	72.83	0.00792	-55.86	71.42	0.00795
-57.28	70.00	0.00795	-70.00	57.28	0.00634
-71.42	55.86	0.00631	-72.83	54.45	0.00631
-74.25	53.03	0.00631	-75.66	51.62	0.00631
-77.78	49.50	0.00630	-81.32	45.96	0.00626
-84.85	42.43	0.00617	-91.92	35.36	0.00587
-98.99	28.28	0.00547	-106.07	21.21	0.00504
-113.14	14.14	0.00461	-120.21	7.07	0.00422
-127.28	0.00	0.00386	-134.35	-7.07	0.00354
14.14	127.28	0.00307	7.07	120.21	0.00339
0.00	113.14	0.00375	-7.07	106.07	0.00418
-14.14	98.99	0.00468	-21.21	91.92	0.00528
-28.28	84.85	0.00597	-35.36	77.78	0.00677
-38.89	74.25	0.00718	-42.43	70.71	0.00757
-44.55	68.59	0.00776	-45.96	67.18	0.00786
-47.38	65.76	0.00793	-48.79	64.35	0.00795
-50.20	62.93	0.00794	-62.93	50.20	0.00636
-64.35	48.79	0.00633	-65.76	47.38	0.00632
-67.18	45.96	0.00632	-68.59	44.55	0.00633
-70.71	42.43	0.00632	-74.25	38.89	0.00628
-77.78	35.36	0.00619	-84.85	28.28	0.00589
-91.92	21.21	0.00550	-98.99	14.14	0.00507
-106.07	7.07	0.00465	-113.14	0.00	0.00425
-120.21	-7.07	0.00390	-127.28	-14.14	0.00358
21.21	120.21	0.00307	14.14	113.14	0.00338
7.07	106.07	0.00375	0.00	98.99	0.00418
-7.07	91.92	0.00468	-14.14	84.85	0.00527
-21.21	77.78	0.00598	-28.28	70.71	0.00677
-31.82	67.18	0.00719	-35.36	63.64	0.00758
-37.48	61.52	0.00777	-38.89	60.10	0.00787
-40.31	58.69	0.00794	-41.72	57.28	0.00796
-43.13	55.86	0.00795	-55.86	43.13	0.00638
-57.28	41.72	0.00634	-58.69	40.31	0.00634
-60.10	38.89	0.00634	-61.52	37.48	0.00634

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

18:47:39

**MODELOPTS:
PAGE 130

*** Maximum train overlap at SE/NW Bound Direction

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00634	-67.18	31.82	0.00629
-70.71	28.28	0.00621	-77.78	21.21	0.00592
-84.85	14.14	0.00552	-91.92	7.07	0.00509
-98.99	0.00	0.00467	-106.07	-7.07	0.00428
-113.14	-14.14	0.00393	-120.21	-21.21	0.00361
28.28	113.14	0.00307	21.21	106.07	0.00338
14.14	98.99	0.00375	7.07	91.92	0.00417
0.00	84.85	0.00468	-7.07	77.78	0.00528
-14.14	70.71	0.00597	-21.21	63.64	0.00677
-24.75	60.10	0.00720	-28.28	56.57	0.00759
-30.41	54.45	0.00779	-31.82	53.03	0.00788
-33.23	51.62	0.00794	-34.65	50.20	0.00797
-36.06	48.79	0.00795	-48.79	36.06	0.00640
-50.20	34.65	0.00636	-51.62	33.23	0.00635
-53.03	31.82	0.00635	-54.45	30.41	0.00636
-56.57	28.28	0.00635	-60.10	24.75	0.00631
-63.64	21.21	0.00622	-70.71	14.14	0.00593
-77.78	7.07	0.00554	-84.85	0.00	0.00511
-91.92	-7.07	0.00469	-98.99	-14.14	0.00430
-106.07	-21.21	0.00395	-113.14	-28.28	0.00363
35.36	106.07	0.00306	28.28	98.99	0.00337
21.21	91.92	0.00374	14.14	84.85	0.00417
7.07	77.78	0.00468	0.00	70.71	0.00527
-7.07	63.64	0.00597	-14.14	56.57	0.00677
-17.68	53.03	0.00719	-21.21	49.50	0.00759
-23.33	47.38	0.00780	-24.75	45.96	0.00790
-26.16	44.55	0.00798	-27.58	43.13	0.00801
-28.99	41.72	0.00797	-41.72	28.99	0.00641
-43.13	27.58	0.00638	-44.55	26.16	0.00636
-45.96	24.75	0.00636	-47.38	23.33	0.00636
-49.50	21.21	0.00636	-53.03	17.68	0.00632
-56.57	14.14	0.00623	-63.64	7.07	0.00595
-70.71	0.00	0.00555	-77.78	-7.07	0.00513
-84.85	-14.14	0.00471	-91.92	-21.21	0.00432

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-98.99	-28.28	0.00397	-106.07	-35.36	0.00365
42.43	98.99	0.00305	35.36	91.92	0.00336
28.28	84.85	0.00373	21.21	77.78	0.00416
14.14	70.71	0.00467	7.07	63.64	0.00527
0.00	56.57	0.00597	-7.07	49.50	0.00676
-10.61	45.96	0.00719	-14.14	42.43	0.00759

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
 PAGE 131
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00778	-17.68	38.89	0.00788
-19.09	37.48	0.00795	-20.51	36.06	0.00804
-21.92	34.65	0.00806	-34.65	21.92	0.00640
-36.06	20.51	0.00638	-37.48	19.09	0.00637
-38.89	17.68	0.00637	-40.31	16.26	0.00637
-42.43	14.14	0.00637	-45.96	10.61	0.00633
-49.50	7.07	0.00624	-56.57	0.00	0.00596
-63.64	-7.07	0.00557	-70.71	-14.14	0.00514
-77.78	-21.21	0.00473	-84.85	-28.28	0.00434
-91.92	-35.36	0.00398	-98.99	-42.43	0.00366
49.50	91.92	0.00304	42.43	84.85	0.00335
35.36	77.78	0.00372	28.28	70.71	0.00416
21.21	63.64	0.00467	14.14	56.57	0.00527
7.07	49.50	0.00597	0.00	42.43	0.00676
-3.54	38.89	0.00718	-7.07	35.36	0.00759
-9.19	33.23	0.00779	-10.61	31.82	0.00788
-12.02	30.41	0.00795	-13.44	28.99	0.00800
-14.85	27.58	0.00804	-27.58	14.85	0.00639
-28.99	13.44	0.00637	-30.41	12.02	0.00637
-31.82	10.61	0.00637	-33.23	9.19	0.00638
-35.36	7.07	0.00637	-38.89	3.54	0.00634
-42.43	0.00	0.00625	-49.50	-7.07	0.00596
-56.57	-14.14	0.00558	-63.64	-21.21	0.00515
-70.71	-28.28	0.00474	-77.78	-35.36	0.00435
-84.85	-42.43	0.00400	-91.92	-49.50	0.00368
56.57	84.85	0.00302	49.50	77.78	0.00334
42.43	70.71	0.00371	35.36	63.64	0.00415
28.28	56.57	0.00466	21.21	49.50	0.00526

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

14.14	42.43	0.00596	7.07	35.36	0.00676
3.54	31.82	0.00717	0.00	28.28	0.00757
-2.12	26.16	0.00778	-3.54	24.75	0.00789
-4.95	23.33	0.00795	-6.36	21.92	0.00798
-7.78	20.51	0.00802	-20.51	7.78	0.00639
-21.92	6.36	0.00637	-23.33	4.95	0.00637
-24.75	3.54	0.00637	-26.16	2.12	0.00637
-28.28	0.00	0.00637	-31.82	-3.54	0.00634
-35.36	-7.07	0.00626	-42.43	-14.14	0.00597
-49.50	-21.21	0.00558	-56.57	-28.28	0.00516
-63.64	-35.36	0.00475	-70.71	-42.43	0.00436
-77.78	-49.50	0.00400	-84.85	-56.57	0.00369

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00300	56.57	70.71	0.00332
49.50	63.64	0.00370	42.43	56.57	0.00413
35.36	49.50	0.00464	28.28	42.43	0.00525
21.21	35.36	0.00595	14.14	28.28	0.00676
10.61	24.75	0.00717	7.07	21.21	0.00756
4.95	19.09	0.00777	3.54	17.68	0.00788
2.12	16.26	0.00795	0.71	14.85	0.00798
-0.71	13.44	0.00800	-13.44	0.71	0.00639
-14.85	-0.71	0.00637	-16.26	-2.12	0.00637
-17.68	-3.54	0.00637	-19.09	-4.95	0.00637
-21.21	-7.07	0.00637	-24.75	-10.61	0.00634
-28.28	-14.14	0.00626	-35.36	-21.21	0.00597
-42.43	-28.28	0.00559	-49.50	-35.36	0.00517
-56.57	-42.43	0.00475	-63.64	-49.50	0.00436
-70.71	-56.57	0.00401	-77.78	-63.64	0.00369
70.71	70.71	0.00298	63.64	63.64	0.00331
56.57	56.57	0.00368	49.50	49.50	0.00412
42.43	42.43	0.00463	35.36	35.36	0.00524
28.28	28.28	0.00594	21.21	21.21	0.00675
17.68	17.68	0.00717	14.14	14.14	0.00756
12.02	12.02	0.00776	10.61	10.61	0.00786
9.19	9.19	0.00794	7.78	7.78	0.00797

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

6.36	6.36	0.00797	-6.36	-6.36	0.00639
-7.78	-7.78	0.00637	-9.19	-9.19	0.00636
-10.61	-10.61	0.00637	-12.02	-12.02	0.00637
-14.14	-14.14	0.00637	-17.68	-17.68	0.00634
-21.21	-21.21	0.00626	-28.28	-28.28	0.00597
-35.36	-35.36	0.00559	-42.43	-42.43	0.00517
-49.50	-49.50	0.00475	-56.57	-56.57	0.00437
-63.64	-63.64	0.00401	-70.71	-70.71	0.00370
77.78	63.64	0.00296	70.71	56.57	0.00328
63.64	49.50	0.00366	56.57	42.43	0.00410
49.50	35.36	0.00461	42.43	28.28	0.00522
35.36	21.21	0.00593	28.28	14.14	0.00674
24.75	10.61	0.00716	21.21	7.07	0.00756
19.09	4.95	0.00776	17.68	3.54	0.00786
16.26	2.12	0.00792	14.85	0.71	0.00796
13.44	-0.71	0.00794	0.71	-13.44	0.00639
-0.71	-14.85	0.00636	-2.12	-16.26	0.00636
-3.54	-17.68	0.00636	-4.95	-19.09	0.00637

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00636	-10.61	-24.75	0.00633
-14.14	-28.28	0.00625	-21.21	-35.36	0.00597
-28.28	-42.43	0.00559	-35.36	-49.50	0.00517
-42.43	-56.57	0.00476	-49.50	-63.64	0.00437
-56.57	-70.71	0.00401	-63.64	-77.78	0.00370
84.85	56.57	0.00293	77.78	49.50	0.00326
70.71	42.43	0.00364	63.64	35.36	0.00408
56.57	28.28	0.00459	49.50	21.21	0.00520
42.43	14.14	0.00592	35.36	7.07	0.00673
31.82	3.54	0.00715	28.28	0.00	0.00755
26.16	-2.12	0.00775	24.75	-3.54	0.00785
23.33	-4.95	0.00792	21.92	-6.36	0.00794
20.51	-7.78	0.00793	7.78	-20.51	0.00639
6.36	-21.92	0.00635	4.95	-23.33	0.00635
3.54	-24.75	0.00636	2.12	-26.16	0.00636
0.00	-28.28	0.00636	-3.54	-31.82	0.00633

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-35.36	0.00625	-14.14	-42.43	0.00597
-21.21	-49.50	0.00559	-28.28	-56.57	0.00517
-35.36	-63.64	0.00475	-42.43	-70.71	0.00437
-49.50	-77.78	0.00401	-56.57	-84.85	0.00369
91.92	49.50	0.00289	84.85	42.43	0.00323
77.78	35.36	0.00361	70.71	28.28	0.00405
63.64	21.21	0.00457	56.57	14.14	0.00518
49.50	7.07	0.00589	42.43	0.00	0.00670
38.89	-3.54	0.00714	35.36	-7.07	0.00754
33.23	-9.19	0.00774	31.82	-10.61	0.00784
30.41	-12.02	0.00791	28.99	-13.44	0.00793
27.58	-14.85	0.00791	14.85	-27.58	0.00638
13.44	-28.99	0.00635	12.02	-30.41	0.00634
10.61	-31.82	0.00635	9.19	-33.23	0.00636
7.07	-35.36	0.00635	3.54	-38.89	0.00632
0.00	-42.43	0.00624	-7.07	-49.50	0.00596
-14.14	-56.57	0.00558	-21.21	-63.64	0.00516
-28.28	-70.71	0.00475	-35.36	-77.78	0.00436
-42.43	-84.85	0.00401	-49.50	-91.92	0.00369
98.99	42.43	0.00285	91.92	35.36	0.00319
84.85	28.28	0.00358	77.78	21.21	0.00402
70.71	14.14	0.00455	63.64	7.07	0.00516
56.57	0.00	0.00587	49.50	-7.07	0.00668
45.96	-10.61	0.00712	42.43	-14.14	0.00753

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:47:39
 **MODELOPTs:
 PAGE 134
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00773	38.89	-17.68	0.00784
37.48	-19.09	0.00792	36.06	-20.51	0.00795
34.65	-21.92	0.00792	21.92	-34.65	0.00638
20.51	-36.06	0.00635	19.09	-37.48	0.00633
17.68	-38.89	0.00634	16.26	-40.31	0.00634
14.14	-42.43	0.00634	10.61	-45.96	0.00631
7.07	-49.50	0.00623	0.00	-56.57	0.00595
-7.07	-63.64	0.00557	-14.14	-70.71	0.00516
-21.21	-77.78	0.00474	-28.28	-84.85	0.00436
-35.36	-91.92	0.00400	-42.43	-98.99	0.00368

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

106.07	35.36	0.00281	98.99	28.28	0.00315
91.92	21.21	0.00354	84.85	14.14	0.00399
77.78	7.07	0.00452	70.71	0.00	0.00513
63.64	-7.07	0.00585	56.57	-14.14	0.00666
53.03	-17.68	0.00709	49.50	-21.21	0.00750
47.38	-23.33	0.00770	45.96	-24.75	0.00780
44.55	-26.16	0.00787	43.13	-27.58	0.00796
41.72	-28.99	0.00799	28.99	-41.72	0.00635
27.58	-43.13	0.00633	26.16	-44.55	0.00632
24.75	-45.96	0.00633	23.33	-47.38	0.00633
21.21	-49.50	0.00633	17.68	-53.03	0.00630
14.14	-56.57	0.00622	7.07	-63.64	0.00594
0.00	-70.71	0.00556	-7.07	-77.78	0.00515
-14.14	-84.85	0.00473	-21.21	-91.92	0.00434
-28.28	-98.99	0.00399	-35.36	-106.07	0.00367
113.14	28.28	0.00275	106.07	21.21	0.00310
98.99	14.14	0.00349	91.92	7.07	0.00395
84.85	0.00	0.00448	77.78	-7.07	0.00510
70.71	-14.14	0.00582	63.64	-21.21	0.00663
60.10	-24.75	0.00706	56.57	-28.28	0.00748
54.45	-30.41	0.00768	53.03	-31.82	0.00778
51.62	-33.23	0.00785	50.20	-34.65	0.00790
48.79	-36.06	0.00794	36.06	-48.79	0.00632
34.65	-50.20	0.00630	33.23	-51.62	0.00630
31.82	-53.03	0.00631	30.41	-54.45	0.00632
28.28	-56.57	0.00632	24.75	-60.10	0.00629
21.21	-63.64	0.00620	14.14	-70.71	0.00593
7.07	-77.78	0.00555	0.00	-84.85	0.00513
-7.07	-91.92	0.00472	-14.14	-98.99	0.00433
-21.21	-106.07	0.00397	-28.28	-113.14	0.00365

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00269	113.14	14.14	0.00304
106.07	7.07	0.00344	98.99	0.00	0.00390
91.92	-7.07	0.00444	84.85	-14.14	0.00506
77.78	-21.21	0.00579	70.71	-28.28	0.00661

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

67.18	-31.82	0.00703	63.64	-35.36	0.00744
61.52	-37.48	0.00765	60.10	-38.89	0.00776
58.69	-40.31	0.00783	57.28	-41.72	0.00786
55.86	-43.13	0.00790	43.13	-55.86	0.00630
41.72	-57.28	0.00628	40.31	-58.69	0.00628
38.89	-60.10	0.00629	37.48	-61.52	0.00630
35.36	-63.64	0.00630	31.82	-67.18	0.00627
28.28	-70.71	0.00619	21.21	-77.78	0.00592
14.14	-84.85	0.00553	7.07	-91.92	0.00512
0.00	-98.99	0.00470	-7.07	-106.07	0.00431
-14.14	-113.14	0.00396	-21.21	-120.21	0.00364
127.28	14.14	0.00261	120.21	7.07	0.00297
113.14	0.00	0.00337	106.07	-7.07	0.00384
98.99	-14.14	0.00438	91.92	-21.21	0.00501
84.85	-28.28	0.00575	77.78	-35.36	0.00657
74.25	-38.89	0.00700	70.71	-42.43	0.00740
68.59	-44.55	0.00761	67.18	-45.96	0.00772
65.76	-47.38	0.00780	64.35	-48.79	0.00783
62.93	-50.20	0.00786	50.20	-62.93	0.00628
48.79	-64.35	0.00626	47.38	-65.76	0.00626
45.96	-67.18	0.00627	44.55	-68.59	0.00627
42.43	-70.71	0.00627	38.89	-74.25	0.00625
35.36	-77.78	0.00617	28.28	-84.85	0.00590
21.21	-91.92	0.00552	14.14	-98.99	0.00510
7.07	-106.07	0.00468	0.00	-113.14	0.00429
-7.07	-120.21	0.00393	-14.14	-127.28	0.00361
134.35	7.07	0.00253	127.28	0.00	0.00288
120.21	-7.07	0.00329	113.14	-14.14	0.00377
106.07	-21.21	0.00432	98.99	-28.28	0.00496
91.92	-35.36	0.00570	84.85	-42.43	0.00653
81.32	-45.96	0.00696	77.78	-49.50	0.00737
75.66	-51.62	0.00757	74.25	-53.03	0.00768
72.83	-54.45	0.00776	71.42	-55.86	0.00779
70.00	-57.28	0.00780	57.28	-70.00	0.00626
55.86	-71.42	0.00623	54.45	-72.83	0.00623
53.03	-74.25	0.00624	51.62	-75.66	0.00625

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00625	45.96	-81.32	0.00622
42.43	-84.85	0.00615	35.36	-91.92	0.00587
28.28	-98.99	0.00549	21.21	-106.07	0.00507
14.14	-113.14	0.00465	7.07	-120.21	0.00426
0.00	-127.28	0.00391	-7.07	-134.35	0.00358
141.42	0.00	0.00243	134.35	-7.07	0.00278
127.28	-14.14	0.00320	120.21	-21.21	0.00368
113.14	-28.28	0.00424	106.07	-35.36	0.00489
98.99	-42.43	0.00564	91.92	-49.50	0.00648
88.39	-53.03	0.00691	84.85	-56.57	0.00733
82.73	-58.69	0.00754	81.32	-60.10	0.00764
79.90	-61.52	0.00772	78.49	-62.93	0.00775
77.07	-64.35	0.00774	64.35	-77.07	0.00623
62.93	-78.49	0.00620	61.52	-79.90	0.00620
60.10	-81.32	0.00621	58.69	-82.73	0.00622
56.57	-84.85	0.00622	53.03	-88.39	0.00619
49.50	-91.92	0.00612	42.43	-98.99	0.00584
35.36	-106.07	0.00546	28.28	-113.14	0.00504
21.21	-120.21	0.00462	14.14	-127.28	0.00423
7.07	-134.35	0.00387	0.00	-141.42	0.00355
148.49	-7.07	0.00231	141.42	-14.14	0.00267
134.35	-21.21	0.00308	127.28	-28.28	0.00357
120.21	-35.36	0.00415	113.14	-42.43	0.00481
106.07	-49.50	0.00557	98.99	-56.57	0.00642
95.46	-60.10	0.00686	91.92	-63.64	0.00728
89.80	-65.76	0.00748	88.39	-67.18	0.00759
86.97	-68.59	0.00767	85.56	-70.00	0.00770
84.15	-71.42	0.00770	71.42	-84.15	0.00620
70.00	-85.56	0.00617	68.59	-86.97	0.00617
67.18	-88.39	0.00618	65.76	-89.80	0.00618
63.64	-91.92	0.00619	60.10	-95.46	0.00616
56.57	-98.99	0.00609	49.50	-106.07	0.00581
42.43	-113.14	0.00543	35.36	-120.21	0.00500
28.28	-127.28	0.00458	21.21	-134.35	0.00419
14.14	-141.42	0.00383	7.07	-148.49	0.00351
155.56	-14.14	0.00219	148.49	-21.21	0.00253
141.42	-28.28	0.00295	134.35	-35.36	0.00344
127.28	-42.43	0.00403	120.21	-49.50	0.00470
113.14	-56.57	0.00548	106.07	-63.64	0.00634
102.53	-67.18	0.00680	98.99	-70.71	0.00722

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
96.87	-72.83	0.00743	95.46	-74.25	0.00754	
94.05	-75.66	0.00761	92.63	-77.07	0.00765	
91.22	-78.49	0.00764	78.49	-91.22	0.00616	
77.07	-92.63	0.00613	75.66	-94.05	0.00613	
74.25	-95.46	0.00614	72.83	-96.87	0.00614	
70.71	-98.99	0.00615	67.18	-102.53	0.00612	
63.64	-106.07	0.00604	56.57	-113.14	0.00577	
49.50	-120.21	0.00538	42.43	-127.28	0.00496	
35.36	-134.35	0.00453	28.28	-141.42	0.00414	
21.21	-148.49	0.00378	14.14	-155.56	0.00346	
162.63	-21.21	0.00205	155.56	-28.28	0.00238	
148.49	-35.36	0.00279	141.42	-42.43	0.00328	
134.35	-49.50	0.00388	127.28	-56.57	0.00457	
120.21	-63.64	0.00536	113.14	-70.71	0.00624	
109.60	-74.25	0.00671	106.07	-77.78	0.00714	
103.94	-79.90	0.00736	102.53	-81.32	0.00748	
101.12	-82.73	0.00757	99.70	-84.15	0.00761	
98.29	-85.56	0.00759	85.56	-98.29	0.00611	
84.15	-99.70	0.00609	82.73	-101.12	0.00607	
81.32	-102.53	0.00608	79.90	-103.94	0.00610	
77.78	-106.07	0.00610	74.25	-109.60	0.00607	
70.71	-113.14	0.00600	63.64	-120.21	0.00572	
56.57	-127.28	0.00533	49.50	-134.35	0.00490	
42.43	-141.42	0.00448	35.36	-148.49	0.00408	
28.28	-155.56	0.00373	21.21	-162.63	0.00341	
169.71	-28.28	0.00191	162.63	-35.36	0.00222	
155.56	-42.43	0.00261	148.49	-49.50	0.00309	
141.42	-56.57	0.00369	134.35	-63.64	0.00440	
127.28	-70.71	0.00522	120.21	-77.78	0.00612	
116.67	-81.32	0.00659	113.14	-84.85	0.00704	
111.02	-86.97	0.00726	109.60	-88.39	0.00737	
108.19	-89.80	0.00745	106.77	-91.22	0.00756	
105.36	-92.63	0.00759	92.63	-105.36	0.00604	
91.22	-106.77	0.00603	89.80	-108.19	0.00602	
88.39	-109.60	0.00603	86.97	-111.02	0.00604	
84.85	-113.14	0.00604	81.32	-116.67	0.00602	

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-120.21	0.00594	70.71	-127.28	0.00566
63.64	-134.35	0.00526	56.57	-141.42	0.00483
49.50	-148.49	0.00440	42.43	-155.56	0.00401
35.36	-162.63	0.00366	28.28	-169.71	0.00334

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00176	169.71	-42.43	0.00204
162.63	-49.50	0.00240	155.56	-56.57	0.00287
148.49	-63.64	0.00345	141.42	-70.71	0.00417
134.35	-77.78	0.00502	127.28	-84.85	0.00596
123.74	-88.39	0.00645	120.21	-91.92	0.00691
118.09	-94.05	0.00714	116.67	-95.46	0.00726
115.26	-96.87	0.00735	113.84	-98.29	0.00742
112.43	-99.70	0.00747	99.70	-112.43	0.00595
98.29	-113.84	0.00594	96.87	-115.26	0.00595
95.46	-116.67	0.00596	94.05	-118.09	0.00597
91.92	-120.21	0.00598	88.39	-123.74	0.00595
84.85	-127.28	0.00587	77.78	-134.35	0.00558
70.71	-141.42	0.00518	63.64	-148.49	0.00474
56.57	-155.56	0.00432	49.50	-162.63	0.00393
42.43	-169.71	0.00358	35.36	-176.78	0.00326
183.85	-42.43	0.00161	176.78	-49.50	0.00186
169.71	-56.57	0.00219	162.63	-63.64	0.00261
155.56	-70.71	0.00317	148.49	-77.78	0.00388
141.42	-84.85	0.00476	134.35	-91.92	0.00575
130.81	-95.46	0.00625	127.28	-98.99	0.00674
125.16	-101.12	0.00699	123.74	-102.53	0.00713
122.33	-103.94	0.00722	120.92	-105.36	0.00727
119.50	-106.77	0.00733	106.77	-119.50	0.00587
105.36	-120.92	0.00585	103.94	-122.33	0.00586
102.53	-123.74	0.00587	101.12	-125.16	0.00588
98.99	-127.28	0.00589	95.46	-130.81	0.00586
91.92	-134.35	0.00578	84.85	-141.42	0.00548
77.78	-148.49	0.00507	70.71	-155.56	0.00463
63.64	-162.63	0.00421	56.57	-169.71	0.00382
49.50	-176.78	0.00347	42.43	-183.85	0.00316

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-49.50	0.00147	183.85	-56.57	0.00169
176.78	-63.64	0.00197	169.71	-70.71	0.00234
162.63	-77.78	0.00284	155.56	-84.85	0.00351
148.49	-91.92	0.00439	141.42	-98.99	0.00544
137.89	-102.53	0.00599	134.35	-106.07	0.00650
132.23	-108.19	0.00677	130.81	-109.60	0.00692
129.40	-111.02	0.00704	127.99	-112.43	0.00710
126.57	-113.84	0.00716	113.84	-126.57	0.00576
112.43	-127.99	0.00575	111.02	-129.40	0.00576
109.60	-130.81	0.00577	108.19	-132.23	0.00578

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** Maximum train overlap at SE/NW Bound Direction ***

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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00578	102.53	-137.89	0.00575
98.99	-141.42	0.00566	91.92	-148.49	0.00534
84.85	-155.56	0.00493	77.78	-162.63	0.00450
70.71	-169.71	0.00408	63.64	-176.78	0.00369
56.57	-183.85	0.00335	49.50	-190.92	0.00304
197.99	-56.57	0.00133	190.92	-63.64	0.00152
183.85	-70.71	0.00176	176.78	-77.78	0.00207
169.71	-84.85	0.00250	162.63	-91.92	0.00309
155.56	-98.99	0.00390	148.49	-106.07	0.00499
144.96	-109.60	0.00559	141.42	-113.14	0.00617
139.30	-115.26	0.00647	137.89	-116.67	0.00664
136.47	-118.09	0.00678	135.06	-119.50	0.00686
133.64	-120.92	0.00692	120.92	-133.64	0.00563
119.50	-135.06	0.00562	118.09	-136.47	0.00563
116.67	-137.89	0.00564	115.26	-139.30	0.00565
113.14	-141.42	0.00564	109.60	-144.96	0.00559
106.07	-148.49	0.00549	98.99	-155.56	0.00516
91.92	-162.63	0.00475	84.85	-169.71	0.00432
77.78	-176.78	0.00390	70.71	-183.85	0.00353
63.64	-190.92	0.00319	56.57	-197.99	0.00291
205.06	-63.64	0.00119	197.99	-70.71	0.00136
190.92	-77.78	0.00156	183.85	-84.85	0.00182
176.78	-91.92	0.00216	169.71	-98.99	0.00264
162.63	-106.07	0.00332	155.56	-113.14	0.00433

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

152.03	-116.67	0.00496	148.49	-120.21	0.00563
146.37	-122.33	0.00600	144.96	-123.74	0.00621
143.54	-125.16	0.00639	142.13	-126.57	0.00651
140.71	-127.99	0.00659	127.99	-140.71	0.00548
126.57	-142.13	0.00546	125.16	-143.54	0.00546
123.74	-144.96	0.00547	122.33	-146.37	0.00546
120.21	-148.49	0.00545	116.67	-152.03	0.00538
113.14	-155.56	0.00526	106.07	-162.63	0.00493
98.99	-169.71	0.00451	91.92	-176.78	0.00408
84.85	-183.85	0.00368	77.78	-190.92	0.00333
70.71	-197.99	0.00302	63.64	-205.06	0.00275
212.13	-70.71	0.00106	205.06	-77.78	0.00120
197.99	-84.85	0.00136	190.92	-91.92	0.00157
183.85	-98.99	0.00185	176.78	-106.07	0.00221
169.71	-113.14	0.00272	162.63	-120.21	0.00351
159.10	-123.74	0.00406	155.56	-127.28	0.00474

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00518	152.03	-130.81	0.00546
150.61	-132.23	0.00572	149.20	-133.64	0.00592
147.79	-135.06	0.00609	135.06	-147.79	0.00527
133.64	-149.20	0.00524	132.23	-150.61	0.00523
130.81	-152.03	0.00522	129.40	-153.44	0.00520
127.28	-155.56	0.00517	123.74	-159.10	0.00507
120.21	-162.63	0.00494	113.14	-169.71	0.00459
106.07	-176.78	0.00419	98.99	-183.85	0.00379
91.92	-190.92	0.00343	84.85	-197.99	0.00310
77.78	-205.06	0.00282	70.71	-212.13	0.00258
219.20	-77.78	0.00094	212.13	-84.85	0.00104
205.06	-91.92	0.00118	197.99	-98.99	0.00134
190.92	-106.07	0.00155	183.85	-113.14	0.00182
176.78	-120.21	0.00218	169.71	-127.28	0.00269
166.17	-130.81	0.00304	162.63	-134.35	0.00351
160.51	-136.47	0.00387	159.10	-137.89	0.00414
157.68	-139.30	0.00444	156.27	-140.71	0.00476
154.86	-142.13	0.00507	142.13	-154.86	0.00495

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

140.71	-156.27	0.00489	139.30	-157.68	0.00485
137.89	-159.10	0.00481	136.47	-160.51	0.00478
134.35	-162.63	0.00472	130.81	-166.17	0.00460
127.28	-169.71	0.00445	120.21	-176.78	0.00413
113.14	-183.85	0.00378	106.07	-190.92	0.00344
98.99	-197.99	0.00313	91.92	-205.06	0.00285
84.85	-212.13	0.00261	77.78	-219.20	0.00239
226.27	-84.85	0.00082	219.20	-91.92	0.00090
212.13	-98.99	0.00100	205.06	-106.07	0.00112
197.99	-113.14	0.00127	190.92	-120.21	0.00145
183.85	-127.28	0.00168	176.78	-134.35	0.00197
173.24	-137.89	0.00215	169.71	-141.42	0.00236
167.58	-143.54	0.00249	166.17	-144.96	0.00259
164.76	-146.37	0.00271	163.34	-147.79	0.00285
161.93	-149.20	0.00306	149.20	-161.93	0.00424
147.79	-163.34	0.00415	146.37	-164.76	0.00408
144.96	-166.17	0.00404	143.54	-167.58	0.00401
141.42	-169.71	0.00397	137.89	-173.24	0.00389
134.35	-176.78	0.00380	127.28	-183.85	0.00358
120.21	-190.92	0.00332	113.14	-197.99	0.00306
106.07	-205.06	0.00281	98.99	-212.13	0.00258
91.92	-219.20	0.00238	84.85	-226.27	0.00219

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00071	226.27	-98.99	0.00078
219.20	-106.07	0.00085	212.13	-113.14	0.00093
205.06	-120.21	0.00103	197.99	-127.28	0.00114
190.92	-134.35	0.00127	183.85	-141.42	0.00140
180.31	-144.96	0.00146	176.78	-148.49	0.00151
174.66	-150.61	0.00153	173.24	-152.03	0.00153
171.83	-153.44	0.00153	170.41	-154.86	0.00153
169.00	-156.27	0.00152	156.27	-169.00	0.00266
154.86	-170.41	0.00278	153.44	-171.83	0.00287
152.03	-173.24	0.00294	150.61	-174.66	0.00299
148.49	-176.78	0.00304	144.96	-180.31	0.00308
141.42	-183.85	0.00307	134.35	-190.92	0.00298

18NCRA_NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-197.99	0.00283	120.21	-205.06	0.00265
113.14	-212.13	0.00247	106.07	-219.20	0.00230
98.99	-226.27	0.00214	91.92	-233.35	0.00199
240.42	-98.99	0.00062	233.35	-106.07	0.00067
226.27	-113.14	0.00072	219.20	-120.21	0.00078
212.13	-127.28	0.00084	205.06	-134.35	0.00091
197.99	-141.42	0.00097	190.92	-148.49	0.00103
187.38	-152.03	0.00105	183.85	-155.56	0.00106
181.73	-157.68	0.00106	180.31	-159.10	0.00106
178.90	-160.51	0.00107	177.48	-161.93	0.00108
176.07	-163.34	0.00110	163.34	-176.07	0.00173
161.93	-177.48	0.00183	160.51	-178.90	0.00193
159.10	-180.31	0.00202	157.68	-181.73	0.00211
155.56	-183.85	0.00221	152.03	-187.38	0.00234
148.49	-190.92	0.00241	141.42	-197.99	0.00244
134.35	-205.06	0.00238	127.28	-212.13	0.00228
120.21	-219.20	0.00216	113.14	-226.27	0.00203
106.07	-233.35	0.00191	98.99	-240.42	0.00180
247.49	-106.07	0.00054	240.42	-113.14	0.00058
233.35	-120.21	0.00061	226.27	-127.28	0.00065
219.20	-134.35	0.00069	212.13	-141.42	0.00074
205.06	-148.49	0.00077	197.99	-155.56	0.00079
194.45	-159.10	0.00080	190.92	-162.63	0.00082
188.80	-164.76	0.00084	187.38	-166.17	0.00085
185.97	-167.58	0.00086	184.55	-169.00	0.00088
183.14	-170.41	0.00091	170.41	-183.14	0.00131
169.00	-184.55	0.00137	167.58	-185.97	0.00143
166.17	-187.38	0.00149	164.76	-188.80	0.00154

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00162	159.10	-194.45	0.00174
155.56	-197.99	0.00184	148.49	-205.06	0.00195
141.42	-212.13	0.00197	134.35	-219.20	0.00194
127.28	-226.27	0.00187	120.21	-233.35	0.00179
113.14	-240.42	0.00170	106.07	-247.49	0.00162

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

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*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS 0.00645 AT (	119.50, -106.77, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00641 AT (	120.92, -105.36, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00641 AT (	126.57, -113.84, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00640 AT (	112.43, -99.70, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00638 AT (	122.33, -103.94, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00637 AT (	127.99, -112.43, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00636 AT (	113.84, -98.29, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00633 AT (	129.40, -111.02, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00630 AT (	123.74, -102.53, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00630 AT (	115.26, -96.87, 0.00,	1.20) DC	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00645 AT (	55.86, -43.13, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00641 AT (	57.28, -41.72, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00641 AT (	62.93, -50.20, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00640 AT (	48.79, -36.06, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00638 AT (	58.69, -40.31, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00637 AT (	64.35, -48.79, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00636 AT (	50.20, -34.65, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00633 AT (	65.76, -47.38, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00630 AT (	60.10, -38.89, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00630 AT (	51.62, -33.23, 0.00,	1.20) DC	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00645 AT (	-7.78, 20.51, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00641 AT (	-6.36, 21.92, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00641 AT (	-0.71, 13.44, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00640 AT (	-14.85, 27.58, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00638 AT (	-4.95, 23.33, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00637 AT (	0.71, 14.85, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00636 AT (	-13.44, 28.99, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00633 AT (	2.12, 16.26, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00630 AT (	-3.54, 24.75, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00630 AT (-12.02, 30.41, 0.00,	1.20) DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

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*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00645 AT (	-71.42, 84.15, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00641 AT (	-70.00, 85.56, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00641 AT (	-64.35, 77.07, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00640 AT (	-78.49, 91.22, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00638 AT (	-68.59, 86.97, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00637 AT (	-62.93, 78.49, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00636 AT (	-77.07, 92.63, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00633 AT (	-61.52, 79.90, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00630 AT (	-67.18, 88.39, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00630 AT (	-75.66, 94.05, 0.00,	1.20) DC	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00645 AT (	-135.06, 147.79, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00641 AT (	-133.64, 149.20, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00641 AT (	-127.99, 140.71, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00640 AT (	-142.13, 154.86, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00638 AT (	-132.23, 150.61, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00637 AT (	-126.57, 142.13, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00636 AT (	-140.71, 156.27, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00633 AT (	-125.16, 143.54, 0.00,	1.20) DC	NA

18NCRA NAPA97-300_DPM_TRAV_ANN_SE-NW Bound

	9TH HIGHEST VALUE IS	0.00630 AT (	-139.30,	157.68,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00630 AT (	-130.81,	152.03,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00806 AT (	-21.92,	34.65,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00804 AT (	-20.51,	36.06,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00804 AT (	-14.85,	27.58,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00802 AT (	-7.78,	20.51,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00801 AT (	-27.58,	43.13,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00800 AT (	-0.71,	13.44,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00800 AT (	-13.44,	28.99,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00799 AT (	41.72,	-28.99,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00798 AT (	-26.16,	44.55,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00798 AT (	-6.36,	21.92,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:47:39

**MODELOPTs:
 PAGE 145

CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 6 Informational Message(s)
 A Total of 6 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 18:55:25

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at SE/NW Bound Direction
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTS FLAT
CO FLAGPOLE 1.2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA 98.64 -92.28 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA 35.0 -28.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -28.64 35.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -92.28 98.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -155.92 162.28 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 135 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

RE DISCCART	-106.07	247.49	1.2
RE DISCCART	-113.14	240.42	1.2
RE DISCCART	-120.21	233.35	1.2
RE DISCCART	-127.28	226.27	1.2
RE DISCCART	-134.35	219.2	1.2
RE DISCCART	-141.42	212.13	1.2
RE DISCCART	-148.49	205.06	1.2
RE DISCCART	-155.56	197.99	1.2
RE DISCCART	-159.1	194.45	1.2
RE DISCCART	-162.63	190.92	1.2
RE DISCCART	-164.76	188.8	1.2
RE DISCCART	-166.17	187.38	1.2
RE DISCCART	-167.58	185.97	1.2
RE DISCCART	-169.0	184.55	1.2
RE DISCCART	-170.41	183.14	1.2
RE DISCCART	-183.14	170.41	1.2
RE DISCCART	-184.55	169.0	1.2
RE DISCCART	-185.97	167.58	1.2
RE DISCCART	-187.38	166.17	1.2
RE DISCCART	-188.8	164.76	1.2
RE DISCCART	-190.92	162.63	1.2
RE DISCCART	-194.45	159.1	1.2
RE DISCCART	-197.99	155.56	1.2
RE DISCCART	-205.06	148.49	1.2
RE DISCCART	-212.13	141.42	1.2
RE DISCCART	-219.2	134.35	1.2
RE DISCCART	-226.27	127.28	1.2
RE DISCCART	-233.35	120.21	1.2
RE DISCCART	-240.42	113.14	1.2
RE DISCCART	-247.49	106.07	1.2
RE DISCCART	-98.99	240.42	1.2
RE DISCCART	-106.07	233.35	1.2
RE DISCCART	-113.14	226.27	1.2
RE DISCCART	-120.21	219.2	1.2
RE DISCCART	-127.28	212.13	1.2
RE DISCCART	-134.35	205.06	1.2
RE DISCCART	-141.42	197.99	1.2
RE DISCCART	-148.49	190.92	1.2
RE DISCCART	-152.03	187.38	1.2
RE DISCCART	-155.56	183.85	1.2
RE DISCCART	-157.68	181.73	1.2
RE DISCCART	-159.1	180.31	1.2
RE DISCCART	-160.51	178.9	1.2

RE DISCCART	-161.93	177.48	1.2
RE DISCCART	-163.34	176.07	1.2
RE DISCCART	-176.07	163.34	1.2
RE DISCCART	-177.48	161.93	1.2
RE DISCCART	-178.9	160.51	1.2
RE DISCCART	-180.31	159.1	1.2
RE DISCCART	-181.73	157.68	1.2
RE DISCCART	-183.85	155.56	1.2
RE DISCCART	-187.38	152.03	1.2
RE DISCCART	-190.92	148.49	1.2
RE DISCCART	-197.99	141.42	1.2
RE DISCCART	-205.06	134.35	1.2
RE DISCCART	-212.13	127.28	1.2
RE DISCCART	-219.2	120.21	1.2
RE DISCCART	-226.27	113.14	1.2
RE DISCCART	-233.35	106.07	1.2
RE DISCCART	-240.42	98.99	1.2
RE DISCCART	-91.92	233.35	1.2
RE DISCCART	-99.0	226.27	1.2
RE DISCCART	-106.07	219.2	1.2
RE DISCCART	-113.14	212.13	1.2
RE DISCCART	-120.21	205.06	1.2
RE DISCCART	-127.28	197.99	1.2
RE DISCCART	-134.35	190.92	1.2
RE DISCCART	-141.42	183.85	1.2
RE DISCCART	-144.96	180.31	1.2
RE DISCCART	-148.49	176.78	1.2
RE DISCCART	-150.61	174.66	1.2
RE DISCCART	-152.03	173.24	1.2
RE DISCCART	-153.44	171.83	1.2
RE DISCCART	-154.86	170.41	1.2
RE DISCCART	-156.27	169.0	1.2
RE DISCCART	-169.0	156.27	1.2
RE DISCCART	-170.41	154.86	1.2
RE DISCCART	-171.83	153.44	1.2
RE DISCCART	-173.24	152.03	1.2
RE DISCCART	-174.66	150.61	1.2
RE DISCCART	-176.78	148.49	1.2
RE DISCCART	-180.31	144.96	1.2
RE DISCCART	-183.85	141.42	1.2
RE DISCCART	-190.92	134.35	1.2
RE DISCCART	-197.99	127.28	1.2
RE DISCCART	-205.06	120.21	1.2
RE DISCCART	-212.13	113.14	1.2

RE DISCCART	-219.2	106.07	1.2
RE DISCCART	-226.27	98.99	1.2
RE DISCCART	-233.35	91.92	1.2
RE DISCCART	-84.85	226.27	1.2
RE DISCCART	-91.92	219.2	1.2
RE DISCCART	-99.0	212.13	1.2
RE DISCCART	-106.07	205.06	1.2
RE DISCCART	-113.14	197.99	1.2
RE DISCCART	-120.21	190.92	1.2
RE DISCCART	-127.28	183.85	1.2
RE DISCCART	-134.35	176.78	1.2
RE DISCCART	-137.89	173.24	1.2
RE DISCCART	-141.42	169.71	1.2
RE DISCCART	-143.54	167.58	1.2
RE DISCCART	-144.96	166.17	1.2
RE DISCCART	-146.37	164.76	1.2
RE DISCCART	-147.79	163.34	1.2
RE DISCCART	-149.2	161.93	1.2
RE DISCCART	-161.93	149.2	1.2
RE DISCCART	-163.34	147.79	1.2
RE DISCCART	-164.76	146.37	1.2
RE DISCCART	-166.17	144.96	1.2
RE DISCCART	-167.58	143.54	1.2
RE DISCCART	-169.71	141.42	1.2
RE DISCCART	-173.24	137.89	1.2
RE DISCCART	-176.78	134.35	1.2
RE DISCCART	-183.85	127.28	1.2
RE DISCCART	-190.92	120.21	1.2
RE DISCCART	-197.99	113.14	1.2
RE DISCCART	-205.06	106.07	1.2
RE DISCCART	-212.13	98.99	1.2
RE DISCCART	-219.2	91.92	1.2
RE DISCCART	-226.27	84.85	1.2
RE DISCCART	-77.78	219.2	1.2
RE DISCCART	-84.85	212.13	1.2
RE DISCCART	-91.92	205.06	1.2
RE DISCCART	-99.0	197.99	1.2
RE DISCCART	-106.07	190.92	1.2
RE DISCCART	-113.14	183.85	1.2
RE DISCCART	-120.21	176.78	1.2
RE DISCCART	-127.28	169.71	1.2
RE DISCCART	-130.81	166.17	1.2
RE DISCCART	-134.35	162.63	1.2
RE DISCCART	-136.47	160.51	1.2

RE DISCCART	-137.89	159.1	1.2
RE DISCCART	-139.3	157.68	1.2
RE DISCCART	-140.71	156.27	1.2
RE DISCCART	-142.13	154.86	1.2
RE DISCCART	-154.86	142.13	1.2
RE DISCCART	-156.27	140.71	1.2
RE DISCCART	-157.68	139.3	1.2
RE DISCCART	-159.1	137.89	1.2
RE DISCCART	-160.51	136.47	1.2
RE DISCCART	-162.63	134.35	1.2
RE DISCCART	-166.17	130.81	1.2
RE DISCCART	-169.71	127.28	1.2
RE DISCCART	-176.78	120.21	1.2
RE DISCCART	-183.85	113.14	1.2
RE DISCCART	-190.92	106.07	1.2
RE DISCCART	-197.99	98.99	1.2
RE DISCCART	-205.06	91.92	1.2
RE DISCCART	-212.13	84.85	1.2
RE DISCCART	-219.2	77.78	1.2
RE DISCCART	-70.71	212.13	1.2
RE DISCCART	-77.78	205.06	1.2
RE DISCCART	-84.85	197.99	1.2
RE DISCCART	-91.92	190.92	1.2
RE DISCCART	-98.99	183.85	1.2
RE DISCCART	-106.07	176.78	1.2
RE DISCCART	-113.14	169.71	1.2
RE DISCCART	-120.21	162.63	1.2
RE DISCCART	-123.74	159.1	1.2
RE DISCCART	-127.28	155.56	1.2
RE DISCCART	-129.4	153.44	1.2
RE DISCCART	-130.81	152.03	1.2
RE DISCCART	-132.23	150.61	1.2
RE DISCCART	-133.64	149.2	1.2
RE DISCCART	-135.06	147.79	1.2
RE DISCCART	-147.79	135.06	1.2
RE DISCCART	-149.2	133.64	1.2
RE DISCCART	-150.61	132.23	1.2
RE DISCCART	-152.03	130.81	1.2
RE DISCCART	-153.44	129.4	1.2
RE DISCCART	-155.56	127.28	1.2
RE DISCCART	-159.1	123.74	1.2
RE DISCCART	-162.63	120.21	1.2
RE DISCCART	-169.71	113.14	1.2
RE DISCCART	-176.78	106.07	1.2

RE DISCCART	-183.85	98.99	1.2
RE DISCCART	-190.92	91.92	1.2
RE DISCCART	-197.99	84.85	1.2
RE DISCCART	-205.06	77.78	1.2
RE DISCCART	-212.13	70.71	1.2
RE DISCCART	-63.64	205.06	1.2
RE DISCCART	-70.71	197.99	1.2
RE DISCCART	-77.78	190.92	1.2
RE DISCCART	-84.85	183.85	1.2
RE DISCCART	-91.92	176.78	1.2
RE DISCCART	-98.99	169.71	1.2
RE DISCCART	-106.07	162.63	1.2
RE DISCCART	-113.14	155.56	1.2
RE DISCCART	-116.67	152.03	1.2
RE DISCCART	-120.21	148.49	1.2
RE DISCCART	-122.33	146.37	1.2
RE DISCCART	-123.74	144.96	1.2
RE DISCCART	-125.16	143.54	1.2
RE DISCCART	-126.57	142.13	1.2
RE DISCCART	-127.99	140.71	1.2
RE DISCCART	-140.71	127.99	1.2
RE DISCCART	-142.13	126.57	1.2
RE DISCCART	-143.54	125.16	1.2
RE DISCCART	-144.96	123.74	1.2
RE DISCCART	-146.37	122.33	1.2
RE DISCCART	-148.49	120.21	1.2
RE DISCCART	-152.03	116.67	1.2
RE DISCCART	-155.56	113.14	1.2
RE DISCCART	-162.63	106.07	1.2
RE DISCCART	-169.71	98.99	1.2
RE DISCCART	-176.78	91.92	1.2
RE DISCCART	-183.85	84.85	1.2
RE DISCCART	-190.92	77.78	1.2
RE DISCCART	-197.99	70.71	1.2
RE DISCCART	-205.06	63.64	1.2
RE DISCCART	-56.57	197.99	1.2
RE DISCCART	-63.64	190.92	1.2
RE DISCCART	-70.71	183.85	1.2
RE DISCCART	-77.78	176.78	1.2
RE DISCCART	-84.85	169.71	1.2
RE DISCCART	-91.92	162.63	1.2
RE DISCCART	-98.99	155.56	1.2
RE DISCCART	-106.07	148.49	1.2
RE DISCCART	-109.6	144.96	1.2

RE DISCCART	-113.14	141.42	1.2
RE DISCCART	-115.26	139.3	1.2
RE DISCCART	-116.67	137.89	1.2
RE DISCCART	-118.09	136.47	1.2
RE DISCCART	-119.5	135.06	1.2
RE DISCCART	-120.92	133.64	1.2
RE DISCCART	-133.64	120.92	1.2
RE DISCCART	-135.06	119.5	1.2
RE DISCCART	-136.47	118.09	1.2
RE DISCCART	-137.89	116.67	1.2
RE DISCCART	-139.3	115.26	1.2
RE DISCCART	-141.42	113.14	1.2
RE DISCCART	-144.96	109.6	1.2
RE DISCCART	-148.49	106.07	1.2
RE DISCCART	-155.56	98.99	1.2
RE DISCCART	-162.63	91.92	1.2
RE DISCCART	-169.71	84.85	1.2
RE DISCCART	-176.78	77.78	1.2
RE DISCCART	-183.85	70.71	1.2
RE DISCCART	-190.92	63.64	1.2
RE DISCCART	-197.99	56.57	1.2
RE DISCCART	-49.5	190.92	1.2
RE DISCCART	-56.57	183.85	1.2
RE DISCCART	-63.64	176.78	1.2
RE DISCCART	-70.71	169.71	1.2
RE DISCCART	-77.78	162.63	1.2
RE DISCCART	-84.85	155.56	1.2
RE DISCCART	-91.92	148.49	1.2
RE DISCCART	-98.99	141.42	1.2
RE DISCCART	-102.53	137.89	1.2
RE DISCCART	-106.07	134.35	1.2
RE DISCCART	-108.19	132.23	1.2
RE DISCCART	-109.6	130.81	1.2
RE DISCCART	-111.02	129.4	1.2
RE DISCCART	-112.43	127.99	1.2
RE DISCCART	-113.84	126.57	1.2
RE DISCCART	-126.57	113.84	1.2
RE DISCCART	-127.99	112.43	1.2
RE DISCCART	-129.4	111.02	1.2
RE DISCCART	-130.81	109.6	1.2
RE DISCCART	-132.23	108.19	1.2
RE DISCCART	-134.35	106.07	1.2
RE DISCCART	-137.89	102.53	1.2
RE DISCCART	-141.42	98.99	1.2

RE DISCCART	-148.49	91.92	1.2
RE DISCCART	-155.56	84.85	1.2
RE DISCCART	-162.63	77.78	1.2
RE DISCCART	-169.71	70.71	1.2
RE DISCCART	-176.78	63.64	1.2
RE DISCCART	-183.85	56.57	1.2
RE DISCCART	-190.92	49.5	1.2
RE DISCCART	-42.43	183.85	1.2
RE DISCCART	-49.5	176.78	1.2
RE DISCCART	-56.57	169.71	1.2
RE DISCCART	-63.64	162.63	1.2
RE DISCCART	-70.71	155.56	1.2
RE DISCCART	-77.78	148.49	1.2
RE DISCCART	-84.85	141.42	1.2
RE DISCCART	-91.92	134.35	1.2
RE DISCCART	-95.46	130.81	1.2
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RE DISCCART	-101.12	125.16	1.2
RE DISCCART	-102.53	123.74	1.2
RE DISCCART	-103.94	122.33	1.2
RE DISCCART	-105.36	120.92	1.2
RE DISCCART	-106.77	119.5	1.2
RE DISCCART	-119.5	106.77	1.2
RE DISCCART	-120.92	105.36	1.2
RE DISCCART	-122.33	103.94	1.2
RE DISCCART	-123.74	102.53	1.2
RE DISCCART	-125.16	101.12	1.2
RE DISCCART	-127.28	98.99	1.2
RE DISCCART	-130.81	95.46	1.2
RE DISCCART	-134.35	91.92	1.2
RE DISCCART	-141.42	84.85	1.2
RE DISCCART	-148.49	77.78	1.2
RE DISCCART	-155.56	70.71	1.2
RE DISCCART	-162.63	63.64	1.2
RE DISCCART	-169.71	56.57	1.2
RE DISCCART	-176.78	49.5	1.2
RE DISCCART	-183.85	42.43	1.2
RE DISCCART	-35.36	176.78	1.2
RE DISCCART	-42.43	169.71	1.2
RE DISCCART	-49.5	162.63	1.2
RE DISCCART	-56.57	155.56	1.2
RE DISCCART	-63.64	148.49	1.2
RE DISCCART	-70.71	141.42	1.2
RE DISCCART	-77.78	134.35	1.2

RE DISCCART	-84.85	127.28	1.2
RE DISCCART	-88.39	123.74	1.2
RE DISCCART	-91.92	120.21	1.2
RE DISCCART	-94.05	118.09	1.2
RE DISCCART	-95.46	116.67	1.2
RE DISCCART	-96.87	115.26	1.2
RE DISCCART	-98.29	113.84	1.2
RE DISCCART	-99.7	112.43	1.2
RE DISCCART	-112.43	99.7	1.2
RE DISCCART	-113.84	98.29	1.2
RE DISCCART	-115.26	96.87	1.2
RE DISCCART	-116.67	95.46	1.2
RE DISCCART	-118.09	94.05	1.2
RE DISCCART	-120.21	91.92	1.2
RE DISCCART	-123.74	88.39	1.2
RE DISCCART	-127.28	84.85	1.2
RE DISCCART	-134.35	77.78	1.2
RE DISCCART	-141.42	70.71	1.2
RE DISCCART	-148.49	63.64	1.2
RE DISCCART	-155.56	56.57	1.2
RE DISCCART	-162.63	49.5	1.2
RE DISCCART	-169.71	42.43	1.2
RE DISCCART	-176.78	35.36	1.2
RE DISCCART	-28.28	169.71	1.2
RE DISCCART	-35.36	162.63	1.2
RE DISCCART	-42.43	155.56	1.2
RE DISCCART	-49.5	148.49	1.2
RE DISCCART	-56.57	141.42	1.2
RE DISCCART	-63.64	134.35	1.2
RE DISCCART	-70.71	127.28	1.2
RE DISCCART	-77.78	120.21	1.2
RE DISCCART	-81.32	116.67	1.2
RE DISCCART	-84.85	113.14	1.2
RE DISCCART	-86.97	111.02	1.2
RE DISCCART	-88.39	109.6	1.2
RE DISCCART	-89.8	108.19	1.2
RE DISCCART	-91.22	106.77	1.2
RE DISCCART	-92.63	105.36	1.2
RE DISCCART	-105.36	92.63	1.2
RE DISCCART	-106.77	91.22	1.2
RE DISCCART	-108.19	89.8	1.2
RE DISCCART	-109.6	88.39	1.2
RE DISCCART	-111.02	86.97	1.2
RE DISCCART	-113.14	84.85	1.2

RE DISCCART	-116.67	81.32	1.2
RE DISCCART	-120.21	77.78	1.2
RE DISCCART	-127.28	70.71	1.2
RE DISCCART	-134.35	63.64	1.2
RE DISCCART	-141.42	56.57	1.2
RE DISCCART	-148.49	49.5	1.2
RE DISCCART	-155.56	42.43	1.2
RE DISCCART	-162.63	35.36	1.2
RE DISCCART	-169.71	28.28	1.2
RE DISCCART	-21.21	162.63	1.2
RE DISCCART	-28.28	155.56	1.2
RE DISCCART	-35.36	148.49	1.2
RE DISCCART	-42.43	141.42	1.2
RE DISCCART	-49.5	134.35	1.2
RE DISCCART	-56.57	127.28	1.2
RE DISCCART	-63.64	120.21	1.2
RE DISCCART	-70.71	113.14	1.2
RE DISCCART	-74.25	109.6	1.2
RE DISCCART	-77.78	106.07	1.2
RE DISCCART	-79.9	103.94	1.2
RE DISCCART	-81.32	102.53	1.2
RE DISCCART	-82.73	101.12	1.2
RE DISCCART	-84.15	99.7	1.2
RE DISCCART	-85.56	98.29	1.2
RE DISCCART	-98.29	85.56	1.2
RE DISCCART	-99.7	84.15	1.2
RE DISCCART	-101.12	82.73	1.2
RE DISCCART	-102.53	81.32	1.2
RE DISCCART	-103.94	79.9	1.2
RE DISCCART	-106.07	77.78	1.2
RE DISCCART	-109.6	74.25	1.2
RE DISCCART	-113.14	70.71	1.2
RE DISCCART	-120.21	63.64	1.2
RE DISCCART	-127.28	56.57	1.2
RE DISCCART	-134.35	49.5	1.2
RE DISCCART	-141.42	42.43	1.2
RE DISCCART	-148.49	35.36	1.2
RE DISCCART	-155.56	28.28	1.2
RE DISCCART	-162.63	21.21	1.2
RE DISCCART	-14.14	155.56	1.2
RE DISCCART	-21.21	148.49	1.2
RE DISCCART	-28.28	141.42	1.2
RE DISCCART	-35.36	134.35	1.2
RE DISCCART	-42.43	127.28	1.2

RE DISCCART	-49.5	120.21	1.2
RE DISCCART	-56.57	113.14	1.2
RE DISCCART	-63.64	106.07	1.2
RE DISCCART	-67.18	102.53	1.2
RE DISCCART	-70.71	98.99	1.2
RE DISCCART	-72.83	96.87	1.2
RE DISCCART	-74.25	95.46	1.2
RE DISCCART	-75.66	94.05	1.2
RE DISCCART	-77.07	92.63	1.2
RE DISCCART	-78.49	91.22	1.2
RE DISCCART	-91.22	78.49	1.2
RE DISCCART	-92.63	77.07	1.2
RE DISCCART	-94.05	75.66	1.2
RE DISCCART	-95.46	74.25	1.2
RE DISCCART	-96.87	72.83	1.2
RE DISCCART	-98.99	70.71	1.2
RE DISCCART	-102.53	67.18	1.2
RE DISCCART	-106.07	63.64	1.2
RE DISCCART	-113.14	56.57	1.2
RE DISCCART	-120.21	49.5	1.2
RE DISCCART	-127.28	42.43	1.2
RE DISCCART	-134.35	35.36	1.2
RE DISCCART	-141.42	28.28	1.2
RE DISCCART	-148.49	21.21	1.2
RE DISCCART	-155.56	14.14	1.2
RE DISCCART	-7.07	148.49	1.2
RE DISCCART	-14.14	141.42	1.2
RE DISCCART	-21.21	134.35	1.2
RE DISCCART	-28.28	127.28	1.2
RE DISCCART	-35.36	120.21	1.2
RE DISCCART	-42.43	113.14	1.2
RE DISCCART	-49.5	106.07	1.2
RE DISCCART	-56.57	98.99	1.2
RE DISCCART	-60.1	95.46	1.2
RE DISCCART	-63.64	91.92	1.2
RE DISCCART	-65.76	89.8	1.2
RE DISCCART	-67.18	88.39	1.2
RE DISCCART	-68.59	86.97	1.2
RE DISCCART	-70.0	85.56	1.2
RE DISCCART	-71.42	84.15	1.2
RE DISCCART	-84.15	71.42	1.2
RE DISCCART	-85.56	70.0	1.2
RE DISCCART	-86.97	68.59	1.2
RE DISCCART	-88.39	67.18	1.2

RE DISCCART -89.8 65.76 1.2
RE DISCCART -91.92 63.64 1.2
RE DISCCART -95.46 60.1 1.2
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RE DISCCART -113.14 42.43 1.2
RE DISCCART -120.21 35.36 1.2
RE DISCCART -127.28 28.28 1.2
RE DISCCART -134.35 21.21 1.2
RE DISCCART -141.42 14.14 1.2
RE DISCCART -148.49 7.07 1.2
RE DISCCART 0.0 141.42 1.2
RE DISCCART -7.07 134.35 1.2
RE DISCCART -14.14 127.28 1.2
RE DISCCART -21.21 120.21 1.2
RE DISCCART -28.28 113.14 1.2
RE DISCCART -35.36 106.07 1.2
RE DISCCART -42.43 98.99 1.2
RE DISCCART -49.5 91.92 1.2
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RE DISCCART -56.57 84.85 1.2
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RE DISCCART -61.52 79.9 1.2
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RE DISCCART -84.85 56.57 1.2
RE DISCCART -88.39 53.03 1.2
RE DISCCART -91.92 49.5 1.2
RE DISCCART -98.99 42.43 1.2
RE DISCCART -106.07 35.36 1.2
RE DISCCART -113.14 28.28 1.2
RE DISCCART -120.21 21.21 1.2
RE DISCCART -127.28 14.14 1.2
RE DISCCART -134.35 7.07 1.2
RE DISCCART -141.42 0.0 1.2
RE DISCCART 7.07 134.35 1.2
RE DISCCART 0.0 127.28 1.2
RE DISCCART -7.07 120.21 1.2

RE DISCCART	-14.14	113.14	1.2
RE DISCCART	-21.21	106.07	1.2
RE DISCCART	-28.28	98.99	1.2
RE DISCCART	-35.36	91.92	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-45.96	81.32	1.2
RE DISCCART	-49.5	77.78	1.2
RE DISCCART	-51.62	75.66	1.2
RE DISCCART	-53.03	74.25	1.2
RE DISCCART	-54.45	72.83	1.2
RE DISCCART	-55.86	71.42	1.2
RE DISCCART	-57.28	70.0	1.2
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RE DISCCART	-71.42	55.86	1.2
RE DISCCART	-72.83	54.45	1.2
RE DISCCART	-74.25	53.03	1.2
RE DISCCART	-75.66	51.62	1.2
RE DISCCART	-77.78	49.5	1.2
RE DISCCART	-81.32	45.96	1.2
RE DISCCART	-84.85	42.43	1.2
RE DISCCART	-91.92	35.36	1.2
RE DISCCART	-98.99	28.28	1.2
RE DISCCART	-106.07	21.21	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-127.28	0.0	1.2
RE DISCCART	-134.35	-7.07	1.2
RE DISCCART	14.14	127.28	1.2
RE DISCCART	7.07	120.21	1.2
RE DISCCART	0.0	113.14	1.2
RE DISCCART	-7.07	106.07	1.2
RE DISCCART	-14.14	98.99	1.2
RE DISCCART	-21.21	91.92	1.2
RE DISCCART	-28.28	84.85	1.2
RE DISCCART	-35.36	77.78	1.2
RE DISCCART	-38.89	74.25	1.2
RE DISCCART	-42.43	70.71	1.2
RE DISCCART	-44.55	68.59	1.2
RE DISCCART	-45.96	67.18	1.2
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RE DISCCART	-50.2	62.93	1.2
RE DISCCART	-62.93	50.2	1.2
RE DISCCART	-64.35	48.79	1.2

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RE DISCCART	-67.18	45.96	1.2
RE DISCCART	-68.59	44.55	1.2
RE DISCCART	-70.71	42.43	1.2
RE DISCCART	-74.25	38.89	1.2
RE DISCCART	-77.78	35.36	1.2
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RE DISCCART	-98.99	14.14	1.2
RE DISCCART	-106.07	7.07	1.2
RE DISCCART	-113.14	0.0	1.2
RE DISCCART	-120.21	-7.07	1.2
RE DISCCART	-127.28	-14.14	1.2
RE DISCCART	21.21	120.21	1.2
RE DISCCART	14.14	113.14	1.2
RE DISCCART	7.07	106.07	1.2
RE DISCCART	0.0	98.99	1.2
RE DISCCART	-7.07	91.92	1.2
RE DISCCART	-14.14	84.85	1.2
RE DISCCART	-21.21	77.78	1.2
RE DISCCART	-28.28	70.71	1.2
RE DISCCART	-31.82	67.18	1.2
RE DISCCART	-35.36	63.64	1.2
RE DISCCART	-37.48	61.52	1.2
RE DISCCART	-38.89	60.1	1.2
RE DISCCART	-40.31	58.69	1.2
RE DISCCART	-41.72	57.28	1.2
RE DISCCART	-43.13	55.86	1.2
RE DISCCART	-55.86	43.13	1.2
RE DISCCART	-57.28	41.72	1.2
RE DISCCART	-58.69	40.31	1.2
RE DISCCART	-60.1	38.89	1.2
RE DISCCART	-61.52	37.48	1.2
RE DISCCART	-63.64	35.36	1.2
RE DISCCART	-67.18	31.82	1.2
RE DISCCART	-70.71	28.28	1.2
RE DISCCART	-77.78	21.21	1.2
RE DISCCART	-84.85	14.14	1.2
RE DISCCART	-91.92	7.07	1.2
RE DISCCART	-98.99	0.0	1.2
RE DISCCART	-106.07	-7.07	1.2
RE DISCCART	-113.14	-14.14	1.2
RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	28.28	113.14	1.2

RE DISCCART	21.21	106.07	1.2
RE DISCCART	14.14	98.99	1.2
RE DISCCART	7.07	91.92	1.2
RE DISCCART	0.0	84.85	1.2
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RE DISCCART	-48.79	36.06	1.2
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RE DISCCART	-51.62	33.23	1.2
RE DISCCART	-53.03	31.82	1.2
RE DISCCART	-54.45	30.41	1.2
RE DISCCART	-56.57	28.28	1.2
RE DISCCART	-60.1	24.75	1.2
RE DISCCART	-63.64	21.21	1.2
RE DISCCART	-70.71	14.14	1.2
RE DISCCART	-77.78	7.07	1.2
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RE DISCCART	-91.92	-7.07	1.2
RE DISCCART	-98.99	-14.14	1.2
RE DISCCART	-106.07	-21.21	1.2
RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	35.36	106.07	1.2
RE DISCCART	28.28	98.99	1.2
RE DISCCART	21.21	91.92	1.2
RE DISCCART	14.14	84.85	1.2
RE DISCCART	7.07	77.78	1.2
RE DISCCART	0.0	70.71	1.2
RE DISCCART	-7.07	63.64	1.2
RE DISCCART	-14.14	56.57	1.2
RE DISCCART	-17.68	53.03	1.2
RE DISCCART	-21.21	49.5	1.2
RE DISCCART	-23.33	47.38	1.2
RE DISCCART	-24.75	45.96	1.2
RE DISCCART	-26.16	44.55	1.2
RE DISCCART	-27.58	43.13	1.2
RE DISCCART	-28.99	41.72	1.2

RE DISCCART	-41.72	28.99	1.2
RE DISCCART	-43.13	27.58	1.2
RE DISCCART	-44.55	26.16	1.2
RE DISCCART	-45.96	24.75	1.2
RE DISCCART	-47.38	23.33	1.2
RE DISCCART	-49.5	21.21	1.2
RE DISCCART	-53.03	17.68	1.2
RE DISCCART	-56.57	14.14	1.2
RE DISCCART	-63.64	7.07	1.2
RE DISCCART	-70.71	0.0	1.2
RE DISCCART	-77.78	-7.07	1.2
RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-106.07	-35.36	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	35.36	91.92	1.2
RE DISCCART	28.28	84.85	1.2
RE DISCCART	21.21	77.78	1.2
RE DISCCART	14.14	70.71	1.2
RE DISCCART	7.07	63.64	1.2
RE DISCCART	0.0	56.57	1.2
RE DISCCART	-7.07	49.5	1.2
RE DISCCART	-10.61	45.96	1.2
RE DISCCART	-14.14	42.43	1.2
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RE DISCCART	-17.68	38.89	1.2
RE DISCCART	-19.09	37.48	1.2
RE DISCCART	-20.51	36.06	1.2
RE DISCCART	-21.92	34.65	1.2
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RE DISCCART	-36.06	20.51	1.2
RE DISCCART	-37.48	19.09	1.2
RE DISCCART	-38.89	17.68	1.2
RE DISCCART	-40.31	16.26	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-45.96	10.61	1.2
RE DISCCART	-49.5	7.07	1.2
RE DISCCART	-56.57	0.0	1.2
RE DISCCART	-63.64	-7.07	1.2
RE DISCCART	-70.71	-14.14	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-91.92	-35.36	1.2

RE DISCCART -98.99 -42.43 1.2
RE DISCCART 49.5 91.92 1.2
RE DISCCART 42.43 84.85 1.2
RE DISCCART 35.36 77.78 1.2
RE DISCCART 28.28 70.71 1.2
RE DISCCART 21.21 63.64 1.2
RE DISCCART 14.14 56.57 1.2
RE DISCCART 7.07 49.5 1.2
RE DISCCART 0.0 42.43 1.2
RE DISCCART -3.54 38.89 1.2
RE DISCCART -7.07 35.36 1.2
RE DISCCART -9.19 33.23 1.2
RE DISCCART -10.61 31.82 1.2
RE DISCCART -12.02 30.41 1.2
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RE DISCCART -27.58 14.85 1.2
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RE DISCCART -35.36 7.07 1.2
RE DISCCART -38.89 3.54 1.2
RE DISCCART -42.43 0.0 1.2
RE DISCCART -49.5 -7.07 1.2
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RE DISCCART -70.71 -28.28 1.2
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RE DISCCART -91.92 -49.5 1.2
RE DISCCART 56.57 84.85 1.2
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RE DISCCART 42.43 70.71 1.2
RE DISCCART 35.36 63.64 1.2
RE DISCCART 28.28 56.57 1.2
RE DISCCART 21.21 49.5 1.2
RE DISCCART 14.14 42.43 1.2
RE DISCCART 7.07 35.36 1.2
RE DISCCART 3.54 31.82 1.2
RE DISCCART 0.0 28.28 1.2
RE DISCCART -2.12 26.16 1.2
RE DISCCART -3.54 24.75 1.2
RE DISCCART -4.95 23.33 1.2

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RE DISCCART	-20.51	7.78	1.2
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RE DISCCART	-63.64	-35.36	1.2
RE DISCCART	-70.71	-42.43	1.2
RE DISCCART	-77.78	-49.5	1.2
RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	63.64	77.78	1.2
RE DISCCART	56.57	70.71	1.2
RE DISCCART	49.5	63.64	1.2
RE DISCCART	42.43	56.57	1.2
RE DISCCART	35.36	49.5	1.2
RE DISCCART	28.28	42.43	1.2
RE DISCCART	21.21	35.36	1.2
RE DISCCART	14.14	28.28	1.2
RE DISCCART	10.61	24.75	1.2
RE DISCCART	7.07	21.21	1.2
RE DISCCART	4.95	19.09	1.2
RE DISCCART	3.54	17.68	1.2
RE DISCCART	2.12	16.26	1.2
RE DISCCART	0.71	14.85	1.2
RE DISCCART	-0.71	13.44	1.2
RE DISCCART	-13.44	0.71	1.2
RE DISCCART	-14.85	-0.71	1.2
RE DISCCART	-16.26	-2.12	1.2
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RE DISCCART	-19.09	-4.95	1.2
RE DISCCART	-21.21	-7.07	1.2
RE DISCCART	-24.75	-10.61	1.2
RE DISCCART	-28.28	-14.14	1.2
RE DISCCART	-35.36	-21.21	1.2
RE DISCCART	-42.43	-28.28	1.2
RE DISCCART	-49.5	-35.36	1.2
RE DISCCART	-56.57	-42.43	1.2

RE DISCCART	-63.64	-49.5	1.2
RE DISCCART	-70.71	-56.57	1.2
RE DISCCART	-77.78	-63.64	1.2
RE DISCCART	70.71	70.71	1.2
RE DISCCART	63.64	63.64	1.2
RE DISCCART	56.57	56.57	1.2
RE DISCCART	49.5	49.5	1.2
RE DISCCART	42.43	42.43	1.2
RE DISCCART	35.36	35.36	1.2
RE DISCCART	28.28	28.28	1.2
RE DISCCART	21.21	21.21	1.2
RE DISCCART	17.68	17.68	1.2
RE DISCCART	14.14	14.14	1.2
RE DISCCART	12.02	12.02	1.2
RE DISCCART	10.61	10.61	1.2
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RE DISCCART	7.78	7.78	1.2
RE DISCCART	6.36	6.36	1.2
RE DISCCART	-6.36	-6.36	1.2
RE DISCCART	-7.78	-7.78	1.2
RE DISCCART	-9.19	-9.19	1.2
RE DISCCART	-10.61	-10.61	1.2
RE DISCCART	-12.02	-12.02	1.2
RE DISCCART	-14.14	-14.14	1.2
RE DISCCART	-17.68	-17.68	1.2
RE DISCCART	-21.21	-21.21	1.2
RE DISCCART	-28.28	-28.28	1.2
RE DISCCART	-35.36	-35.36	1.2
RE DISCCART	-42.43	-42.43	1.2
RE DISCCART	-49.5	-49.5	1.2
RE DISCCART	-56.57	-56.57	1.2
RE DISCCART	-63.64	-63.64	1.2
RE DISCCART	-70.71	-70.71	1.2
RE DISCCART	77.78	63.64	1.2
RE DISCCART	70.71	56.57	1.2
RE DISCCART	63.64	49.5	1.2
RE DISCCART	56.57	42.43	1.2
RE DISCCART	49.5	35.36	1.2
RE DISCCART	42.43	28.28	1.2
RE DISCCART	35.36	21.21	1.2
RE DISCCART	28.28	14.14	1.2
RE DISCCART	24.75	10.61	1.2
RE DISCCART	21.21	7.07	1.2
RE DISCCART	19.09	4.95	1.2

RE DISCCART	17.68	3.54	1.2
RE DISCCART	16.26	2.12	1.2
RE DISCCART	14.85	0.71	1.2
RE DISCCART	13.44	-0.71	1.2
RE DISCCART	0.71	-13.44	1.2
RE DISCCART	-0.71	-14.85	1.2
RE DISCCART	-2.12	-16.26	1.2
RE DISCCART	-3.54	-17.68	1.2
RE DISCCART	-4.95	-19.09	1.2
RE DISCCART	-7.07	-21.21	1.2
RE DISCCART	-10.61	-24.75	1.2
RE DISCCART	-14.14	-28.28	1.2
RE DISCCART	-21.21	-35.36	1.2
RE DISCCART	-28.28	-42.43	1.2
RE DISCCART	-35.36	-49.5	1.2
RE DISCCART	-42.43	-56.57	1.2
RE DISCCART	-49.5	-63.64	1.2
RE DISCCART	-56.57	-70.71	1.2
RE DISCCART	-63.64	-77.78	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	77.78	49.5	1.2
RE DISCCART	70.71	42.43	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	56.57	28.28	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	42.43	14.14	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	31.82	3.54	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	26.16	-2.12	1.2
RE DISCCART	24.75	-3.54	1.2
RE DISCCART	23.33	-4.95	1.2
RE DISCCART	21.92	-6.36	1.2
RE DISCCART	20.51	-7.78	1.2
RE DISCCART	7.78	-20.51	1.2
RE DISCCART	6.36	-21.92	1.2
RE DISCCART	4.95	-23.33	1.2
RE DISCCART	3.54	-24.75	1.2
RE DISCCART	2.12	-26.16	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	-3.54	-31.82	1.2
RE DISCCART	-7.07	-35.36	1.2
RE DISCCART	-14.14	-42.43	1.2
RE DISCCART	-21.21	-49.5	1.2

RE DISCCART	-28.28	-56.57	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-42.43	-70.71	1.2
RE DISCCART	-49.5	-77.78	1.2
RE DISCCART	-56.57	-84.85	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	84.85	42.43	1.2
RE DISCCART	77.78	35.36	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	63.64	21.21	1.2
RE DISCCART	56.57	14.14	1.2
RE DISCCART	49.5	7.07	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	38.89	-3.54	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	33.23	-9.19	1.2
RE DISCCART	31.82	-10.61	1.2
RE DISCCART	30.41	-12.02	1.2
RE DISCCART	28.99	-13.44	1.2
RE DISCCART	27.58	-14.85	1.2
RE DISCCART	14.85	-27.58	1.2
RE DISCCART	13.44	-28.99	1.2
RE DISCCART	12.02	-30.41	1.2
RE DISCCART	10.61	-31.82	1.2
RE DISCCART	9.19	-33.23	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	3.54	-38.89	1.2
RE DISCCART	0.0	-42.43	1.2
RE DISCCART	-7.07	-49.5	1.2
RE DISCCART	-14.14	-56.57	1.2
RE DISCCART	-21.21	-63.64	1.2
RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-42.43	-84.85	1.2
RE DISCCART	-49.5	-91.92	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	91.92	35.36	1.2
RE DISCCART	84.85	28.28	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	70.71	14.14	1.2
RE DISCCART	63.64	7.07	1.2
RE DISCCART	56.57	0.0	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	45.96	-10.61	1.2

RE DISCCART	42.43	-14.14	1.2
RE DISCCART	40.31	-16.26	1.2
RE DISCCART	38.89	-17.68	1.2
RE DISCCART	37.48	-19.09	1.2
RE DISCCART	36.06	-20.51	1.2
RE DISCCART	34.65	-21.92	1.2
RE DISCCART	21.92	-34.65	1.2
RE DISCCART	20.51	-36.06	1.2
RE DISCCART	19.09	-37.48	1.2
RE DISCCART	17.68	-38.89	1.2
RE DISCCART	16.26	-40.31	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	10.61	-45.96	1.2
RE DISCCART	7.07	-49.5	1.2
RE DISCCART	0.0	-56.57	1.2
RE DISCCART	-7.07	-63.64	1.2
RE DISCCART	-14.14	-70.71	1.2
RE DISCCART	-21.21	-77.78	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-42.43	-98.99	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	98.99	28.28	1.2
RE DISCCART	91.92	21.21	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	77.78	7.07	1.2
RE DISCCART	70.71	0.0	1.2
RE DISCCART	63.64	-7.07	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	53.03	-17.68	1.2
RE DISCCART	49.5	-21.21	1.2
RE DISCCART	47.38	-23.33	1.2
RE DISCCART	45.96	-24.75	1.2
RE DISCCART	44.55	-26.16	1.2
RE DISCCART	43.13	-27.58	1.2
RE DISCCART	41.72	-28.99	1.2
RE DISCCART	28.99	-41.72	1.2
RE DISCCART	27.58	-43.13	1.2
RE DISCCART	26.16	-44.55	1.2
RE DISCCART	24.75	-45.96	1.2
RE DISCCART	23.33	-47.38	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	17.68	-53.03	1.2
RE DISCCART	14.14	-56.57	1.2

RE DISCCART 7.07 -63.64 1.2
RE DISCCART 0.0 -70.71 1.2
RE DISCCART -7.07 -77.78 1.2
RE DISCCART -14.14 -84.85 1.2
RE DISCCART -21.21 -91.92 1.2
RE DISCCART -28.28 -98.99 1.2
RE DISCCART -35.36 -106.07 1.2
RE DISCCART 113.14 28.28 1.2
RE DISCCART 106.07 21.21 1.2
RE DISCCART 98.99 14.14 1.2
RE DISCCART 91.92 7.07 1.2
RE DISCCART 84.85 0.0 1.2
RE DISCCART 77.78 -7.07 1.2
RE DISCCART 70.71 -14.14 1.2
RE DISCCART 63.64 -21.21 1.2
RE DISCCART 60.1 -24.75 1.2
RE DISCCART 56.57 -28.28 1.2
RE DISCCART 54.45 -30.41 1.2
RE DISCCART 53.03 -31.82 1.2
RE DISCCART 51.62 -33.23 1.2
RE DISCCART 50.2 -34.65 1.2
RE DISCCART 48.79 -36.06 1.2
RE DISCCART 36.06 -48.79 1.2
RE DISCCART 34.65 -50.2 1.2
RE DISCCART 33.23 -51.62 1.2
RE DISCCART 31.82 -53.03 1.2
RE DISCCART 30.41 -54.45 1.2
RE DISCCART 28.28 -56.57 1.2
RE DISCCART 24.75 -60.1 1.2
RE DISCCART 21.21 -63.64 1.2
RE DISCCART 14.14 -70.71 1.2
RE DISCCART 7.07 -77.78 1.2
RE DISCCART 0.0 -84.85 1.2
RE DISCCART -7.07 -91.92 1.2
RE DISCCART -14.14 -98.99 1.2
RE DISCCART -21.21 -106.07 1.2
RE DISCCART -28.28 -113.14 1.2
RE DISCCART 120.21 21.21 1.2
RE DISCCART 113.14 14.14 1.2
RE DISCCART 106.07 7.07 1.2
RE DISCCART 98.99 0.0 1.2
RE DISCCART 91.92 -7.07 1.2
RE DISCCART 84.85 -14.14 1.2
RE DISCCART 77.78 -21.21 1.2

RE DISCCART	70.71	-28.28	1.2
RE DISCCART	67.18	-31.82	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	61.52	-37.48	1.2
RE DISCCART	60.1	-38.89	1.2
RE DISCCART	58.69	-40.31	1.2
RE DISCCART	57.28	-41.72	1.2
RE DISCCART	55.86	-43.13	1.2
RE DISCCART	43.13	-55.86	1.2
RE DISCCART	41.72	-57.28	1.2
RE DISCCART	40.31	-58.69	1.2
RE DISCCART	38.89	-60.1	1.2
RE DISCCART	37.48	-61.52	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	31.82	-67.18	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	21.21	-77.78	1.2
RE DISCCART	14.14	-84.85	1.2
RE DISCCART	7.07	-91.92	1.2
RE DISCCART	0.0	-98.99	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	120.21	7.07	1.2
RE DISCCART	113.14	0.0	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	98.99	-14.14	1.2
RE DISCCART	91.92	-21.21	1.2
RE DISCCART	84.85	-28.28	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	74.25	-38.89	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	68.59	-44.55	1.2
RE DISCCART	67.18	-45.96	1.2
RE DISCCART	65.76	-47.38	1.2
RE DISCCART	64.35	-48.79	1.2
RE DISCCART	62.93	-50.2	1.2
RE DISCCART	50.2	-62.93	1.2
RE DISCCART	48.79	-64.35	1.2
RE DISCCART	47.38	-65.76	1.2
RE DISCCART	45.96	-67.18	1.2
RE DISCCART	44.55	-68.59	1.2
RE DISCCART	42.43	-70.71	1.2

RE DISCCART	38.89	-74.25	1.2
RE DISCCART	35.36	-77.78	1.2
RE DISCCART	28.28	-84.85	1.2
RE DISCCART	21.21	-91.92	1.2
RE DISCCART	14.14	-98.99	1.2
RE DISCCART	7.07	-106.07	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	-14.14	-127.28	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	120.21	-7.07	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	106.07	-21.21	1.2
RE DISCCART	98.99	-28.28	1.2
RE DISCCART	91.92	-35.36	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	81.32	-45.96	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	75.66	-51.62	1.2
RE DISCCART	74.25	-53.03	1.2
RE DISCCART	72.83	-54.45	1.2
RE DISCCART	71.42	-55.86	1.2
RE DISCCART	70.0	-57.28	1.2
RE DISCCART	57.28	-70.0	1.2
RE DISCCART	55.86	-71.42	1.2
RE DISCCART	54.45	-72.83	1.2
RE DISCCART	53.03	-74.25	1.2
RE DISCCART	51.62	-75.66	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	45.96	-81.32	1.2
RE DISCCART	42.43	-84.85	1.2
RE DISCCART	35.36	-91.92	1.2
RE DISCCART	28.28	-98.99	1.2
RE DISCCART	21.21	-106.07	1.2
RE DISCCART	14.14	-113.14	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	-7.07	-134.35	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	127.28	-14.14	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	113.14	-28.28	1.2

RE DISCCART	106.07	-35.36	1.2
RE DISCCART	98.99	-42.43	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	88.39	-53.03	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	82.73	-58.69	1.2
RE DISCCART	81.32	-60.1	1.2
RE DISCCART	79.9	-61.52	1.2
RE DISCCART	78.49	-62.93	1.2
RE DISCCART	77.07	-64.35	1.2
RE DISCCART	64.35	-77.07	1.2
RE DISCCART	62.93	-78.49	1.2
RE DISCCART	61.52	-79.9	1.2
RE DISCCART	60.1	-81.32	1.2
RE DISCCART	58.69	-82.73	1.2
RE DISCCART	56.57	-84.85	1.2
RE DISCCART	53.03	-88.39	1.2
RE DISCCART	49.5	-91.92	1.2
RE DISCCART	42.43	-98.99	1.2
RE DISCCART	35.36	-106.07	1.2
RE DISCCART	28.28	-113.14	1.2
RE DISCCART	21.21	-120.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	0.0	-141.42	1.2
RE DISCCART	148.49	-7.07	1.2
RE DISCCART	141.42	-14.14	1.2
RE DISCCART	134.35	-21.21	1.2
RE DISCCART	127.28	-28.28	1.2
RE DISCCART	120.21	-35.36	1.2
RE DISCCART	113.14	-42.43	1.2
RE DISCCART	106.07	-49.5	1.2
RE DISCCART	98.99	-56.57	1.2
RE DISCCART	95.46	-60.1	1.2
RE DISCCART	91.92	-63.64	1.2
RE DISCCART	89.8	-65.76	1.2
RE DISCCART	88.39	-67.18	1.2
RE DISCCART	86.97	-68.59	1.2
RE DISCCART	85.56	-70.0	1.2
RE DISCCART	84.15	-71.42	1.2
RE DISCCART	71.42	-84.15	1.2
RE DISCCART	70.0	-85.56	1.2
RE DISCCART	68.59	-86.97	1.2
RE DISCCART	67.18	-88.39	1.2

RE DISCCART	65.76	-89.8	1.2
RE DISCCART	63.64	-91.92	1.2
RE DISCCART	60.1	-95.46	1.2
RE DISCCART	56.57	-98.99	1.2
RE DISCCART	49.5	-106.07	1.2
RE DISCCART	42.43	-113.14	1.2
RE DISCCART	35.36	-120.21	1.2
RE DISCCART	28.28	-127.28	1.2
RE DISCCART	21.21	-134.35	1.2
RE DISCCART	14.14	-141.42	1.2
RE DISCCART	7.07	-148.49	1.2
RE DISCCART	155.56	-14.14	1.2
RE DISCCART	148.49	-21.21	1.2
RE DISCCART	141.42	-28.28	1.2
RE DISCCART	134.35	-35.36	1.2
RE DISCCART	127.28	-42.43	1.2
RE DISCCART	120.21	-49.5	1.2
RE DISCCART	113.14	-56.57	1.2
RE DISCCART	106.07	-63.64	1.2
RE DISCCART	102.53	-67.18	1.2
RE DISCCART	98.99	-70.71	1.2
RE DISCCART	96.87	-72.83	1.2
RE DISCCART	95.46	-74.25	1.2
RE DISCCART	94.05	-75.66	1.2
RE DISCCART	92.63	-77.07	1.2
RE DISCCART	91.22	-78.49	1.2
RE DISCCART	78.49	-91.22	1.2
RE DISCCART	77.07	-92.63	1.2
RE DISCCART	75.66	-94.05	1.2
RE DISCCART	74.25	-95.46	1.2
RE DISCCART	72.83	-96.87	1.2
RE DISCCART	70.71	-98.99	1.2
RE DISCCART	67.18	-102.53	1.2
RE DISCCART	63.64	-106.07	1.2
RE DISCCART	56.57	-113.14	1.2
RE DISCCART	49.5	-120.21	1.2
RE DISCCART	42.43	-127.28	1.2
RE DISCCART	35.36	-134.35	1.2
RE DISCCART	28.28	-141.42	1.2
RE DISCCART	21.21	-148.49	1.2
RE DISCCART	14.14	-155.56	1.2
RE DISCCART	162.63	-21.21	1.2
RE DISCCART	155.56	-28.28	1.2
RE DISCCART	148.49	-35.36	1.2

RE DISCCART	141.42	-42.43	1.2
RE DISCCART	134.35	-49.5	1.2
RE DISCCART	127.28	-56.57	1.2
RE DISCCART	120.21	-63.64	1.2
RE DISCCART	113.14	-70.71	1.2
RE DISCCART	109.6	-74.25	1.2
RE DISCCART	106.07	-77.78	1.2
RE DISCCART	103.94	-79.9	1.2
RE DISCCART	102.53	-81.32	1.2
RE DISCCART	101.12	-82.73	1.2
RE DISCCART	99.7	-84.15	1.2
RE DISCCART	98.29	-85.56	1.2
RE DISCCART	85.56	-98.29	1.2
RE DISCCART	84.15	-99.7	1.2
RE DISCCART	82.73	-101.12	1.2
RE DISCCART	81.32	-102.53	1.2
RE DISCCART	79.9	-103.94	1.2
RE DISCCART	77.78	-106.07	1.2
RE DISCCART	74.25	-109.6	1.2
RE DISCCART	70.71	-113.14	1.2
RE DISCCART	63.64	-120.21	1.2
RE DISCCART	56.57	-127.28	1.2
RE DISCCART	49.5	-134.35	1.2
RE DISCCART	42.43	-141.42	1.2
RE DISCCART	35.36	-148.49	1.2
RE DISCCART	28.28	-155.56	1.2
RE DISCCART	21.21	-162.63	1.2
RE DISCCART	169.71	-28.28	1.2
RE DISCCART	162.63	-35.36	1.2
RE DISCCART	155.56	-42.43	1.2
RE DISCCART	148.49	-49.5	1.2
RE DISCCART	141.42	-56.57	1.2
RE DISCCART	134.35	-63.64	1.2
RE DISCCART	127.28	-70.71	1.2
RE DISCCART	120.21	-77.78	1.2
RE DISCCART	116.67	-81.32	1.2
RE DISCCART	113.14	-84.85	1.2
RE DISCCART	111.02	-86.97	1.2
RE DISCCART	109.6	-88.39	1.2
RE DISCCART	108.19	-89.8	1.2
RE DISCCART	106.77	-91.22	1.2
RE DISCCART	105.36	-92.63	1.2
RE DISCCART	92.63	-105.36	1.2
RE DISCCART	91.22	-106.77	1.2

RE DISCCART	89.8	-108.19	1.2
RE DISCCART	88.39	-109.6	1.2
RE DISCCART	86.97	-111.02	1.2
RE DISCCART	84.85	-113.14	1.2
RE DISCCART	81.32	-116.67	1.2
RE DISCCART	77.78	-120.21	1.2
RE DISCCART	70.71	-127.28	1.2
RE DISCCART	63.64	-134.35	1.2
RE DISCCART	56.57	-141.42	1.2
RE DISCCART	49.5	-148.49	1.2
RE DISCCART	42.43	-155.56	1.2
RE DISCCART	35.36	-162.63	1.2
RE DISCCART	28.28	-169.71	1.2
RE DISCCART	176.78	-35.36	1.2
RE DISCCART	169.71	-42.43	1.2
RE DISCCART	162.63	-49.5	1.2
RE DISCCART	155.56	-56.57	1.2
RE DISCCART	148.49	-63.64	1.2
RE DISCCART	141.42	-70.71	1.2
RE DISCCART	134.35	-77.78	1.2
RE DISCCART	127.28	-84.85	1.2
RE DISCCART	123.74	-88.39	1.2
RE DISCCART	120.21	-91.92	1.2
RE DISCCART	118.09	-94.05	1.2
RE DISCCART	116.67	-95.46	1.2
RE DISCCART	115.26	-96.87	1.2
RE DISCCART	113.84	-98.29	1.2
RE DISCCART	112.43	-99.7	1.2
RE DISCCART	99.7	-112.43	1.2
RE DISCCART	98.29	-113.84	1.2
RE DISCCART	96.87	-115.26	1.2
RE DISCCART	95.46	-116.67	1.2
RE DISCCART	94.05	-118.09	1.2
RE DISCCART	91.92	-120.21	1.2
RE DISCCART	88.39	-123.74	1.2
RE DISCCART	84.85	-127.28	1.2
RE DISCCART	77.78	-134.35	1.2
RE DISCCART	70.71	-141.42	1.2
RE DISCCART	63.64	-148.49	1.2
RE DISCCART	56.57	-155.56	1.2
RE DISCCART	49.5	-162.63	1.2
RE DISCCART	42.43	-169.71	1.2
RE DISCCART	35.36	-176.78	1.2
RE DISCCART	183.85	-42.43	1.2

RE DISCCART	176.78	-49.5	1.2
RE DISCCART	169.71	-56.57	1.2
RE DISCCART	162.63	-63.64	1.2
RE DISCCART	155.56	-70.71	1.2
RE DISCCART	148.49	-77.78	1.2
RE DISCCART	141.42	-84.85	1.2
RE DISCCART	134.35	-91.92	1.2
RE DISCCART	130.81	-95.46	1.2
RE DISCCART	127.28	-98.99	1.2
RE DISCCART	125.16	-101.12	1.2
RE DISCCART	123.74	-102.53	1.2
RE DISCCART	122.33	-103.94	1.2
RE DISCCART	120.92	-105.36	1.2
RE DISCCART	119.5	-106.77	1.2
RE DISCCART	106.77	-119.5	1.2
RE DISCCART	105.36	-120.92	1.2
RE DISCCART	103.94	-122.33	1.2
RE DISCCART	102.53	-123.74	1.2
RE DISCCART	101.12	-125.16	1.2
RE DISCCART	98.99	-127.28	1.2
RE DISCCART	95.46	-130.81	1.2
RE DISCCART	91.92	-134.35	1.2
RE DISCCART	84.85	-141.42	1.2
RE DISCCART	77.78	-148.49	1.2
RE DISCCART	70.71	-155.56	1.2
RE DISCCART	63.64	-162.63	1.2
RE DISCCART	56.57	-169.71	1.2
RE DISCCART	49.5	-176.78	1.2
RE DISCCART	42.43	-183.85	1.2
RE DISCCART	190.92	-49.5	1.2
RE DISCCART	183.85	-56.57	1.2
RE DISCCART	176.78	-63.64	1.2
RE DISCCART	169.71	-70.71	1.2
RE DISCCART	162.63	-77.78	1.2
RE DISCCART	155.56	-84.85	1.2
RE DISCCART	148.49	-91.92	1.2
RE DISCCART	141.42	-98.99	1.2
RE DISCCART	137.89	-102.53	1.2
RE DISCCART	134.35	-106.07	1.2
RE DISCCART	132.23	-108.19	1.2
RE DISCCART	130.81	-109.6	1.2
RE DISCCART	129.4	-111.02	1.2
RE DISCCART	127.99	-112.43	1.2
RE DISCCART	126.57	-113.84	1.2

RE DISCCART	113.84	-126.57	1.2
RE DISCCART	112.43	-127.99	1.2
RE DISCCART	111.02	-129.4	1.2
RE DISCCART	109.6	-130.81	1.2
RE DISCCART	108.19	-132.23	1.2
RE DISCCART	106.07	-134.35	1.2
RE DISCCART	102.53	-137.89	1.2
RE DISCCART	98.99	-141.42	1.2
RE DISCCART	91.92	-148.49	1.2
RE DISCCART	84.85	-155.56	1.2
RE DISCCART	77.78	-162.63	1.2
RE DISCCART	70.71	-169.71	1.2
RE DISCCART	63.64	-176.78	1.2
RE DISCCART	56.57	-183.85	1.2
RE DISCCART	49.5	-190.92	1.2
RE DISCCART	197.99	-56.57	1.2
RE DISCCART	190.92	-63.64	1.2
RE DISCCART	183.85	-70.71	1.2
RE DISCCART	176.78	-77.78	1.2
RE DISCCART	169.71	-84.85	1.2
RE DISCCART	162.63	-91.92	1.2
RE DISCCART	155.56	-98.99	1.2
RE DISCCART	148.49	-106.07	1.2
RE DISCCART	144.96	-109.6	1.2
RE DISCCART	141.42	-113.14	1.2
RE DISCCART	139.3	-115.26	1.2
RE DISCCART	137.89	-116.67	1.2
RE DISCCART	136.47	-118.09	1.2
RE DISCCART	135.06	-119.5	1.2
RE DISCCART	133.64	-120.92	1.2
RE DISCCART	120.92	-133.64	1.2
RE DISCCART	119.5	-135.06	1.2
RE DISCCART	118.09	-136.47	1.2
RE DISCCART	116.67	-137.89	1.2
RE DISCCART	115.26	-139.3	1.2
RE DISCCART	113.14	-141.42	1.2
RE DISCCART	109.6	-144.96	1.2
RE DISCCART	106.07	-148.49	1.2
RE DISCCART	98.99	-155.56	1.2
RE DISCCART	91.92	-162.63	1.2
RE DISCCART	84.85	-169.71	1.2
RE DISCCART	77.78	-176.78	1.2
RE DISCCART	70.71	-183.85	1.2
RE DISCCART	63.64	-190.92	1.2

RE DISCCART	56.57	-197.99	1.2
RE DISCCART	205.06	-63.64	1.2
RE DISCCART	197.99	-70.71	1.2
RE DISCCART	190.92	-77.78	1.2
RE DISCCART	183.85	-84.85	1.2
RE DISCCART	176.78	-91.92	1.2
RE DISCCART	169.71	-98.99	1.2
RE DISCCART	162.63	-106.07	1.2
RE DISCCART	155.56	-113.14	1.2
RE DISCCART	152.03	-116.67	1.2
RE DISCCART	148.49	-120.21	1.2
RE DISCCART	146.37	-122.33	1.2
RE DISCCART	144.96	-123.74	1.2
RE DISCCART	143.54	-125.16	1.2
RE DISCCART	142.13	-126.57	1.2
RE DISCCART	140.71	-127.99	1.2
RE DISCCART	127.99	-140.71	1.2
RE DISCCART	126.57	-142.13	1.2
RE DISCCART	125.16	-143.54	1.2
RE DISCCART	123.74	-144.96	1.2
RE DISCCART	122.33	-146.37	1.2
RE DISCCART	120.21	-148.49	1.2
RE DISCCART	116.67	-152.03	1.2
RE DISCCART	113.14	-155.56	1.2
RE DISCCART	106.07	-162.63	1.2
RE DISCCART	98.99	-169.71	1.2
RE DISCCART	91.92	-176.78	1.2
RE DISCCART	84.85	-183.85	1.2
RE DISCCART	77.78	-190.92	1.2
RE DISCCART	70.71	-197.99	1.2
RE DISCCART	63.64	-205.06	1.2
RE DISCCART	212.13	-70.71	1.2
RE DISCCART	205.06	-77.78	1.2
RE DISCCART	197.99	-84.85	1.2
RE DISCCART	190.92	-91.92	1.2
RE DISCCART	183.85	-98.99	1.2
RE DISCCART	176.78	-106.07	1.2
RE DISCCART	169.71	-113.14	1.2
RE DISCCART	162.63	-120.21	1.2
RE DISCCART	159.1	-123.74	1.2
RE DISCCART	155.56	-127.28	1.2
RE DISCCART	153.44	-129.4	1.2
RE DISCCART	152.03	-130.81	1.2
RE DISCCART	150.61	-132.23	1.2

RE DISCCART	149.2	-133.64	1.2
RE DISCCART	147.79	-135.06	1.2
RE DISCCART	135.06	-147.79	1.2
RE DISCCART	133.64	-149.2	1.2
RE DISCCART	132.23	-150.61	1.2
RE DISCCART	130.81	-152.03	1.2
RE DISCCART	129.4	-153.44	1.2
RE DISCCART	127.28	-155.56	1.2
RE DISCCART	123.74	-159.1	1.2
RE DISCCART	120.21	-162.63	1.2
RE DISCCART	113.14	-169.71	1.2
RE DISCCART	106.07	-176.78	1.2
RE DISCCART	98.99	-183.85	1.2
RE DISCCART	91.92	-190.92	1.2
RE DISCCART	84.85	-197.99	1.2
RE DISCCART	77.78	-205.06	1.2
RE DISCCART	70.71	-212.13	1.2
RE DISCCART	219.2	-77.78	1.2
RE DISCCART	212.13	-84.85	1.2
RE DISCCART	205.06	-91.92	1.2
RE DISCCART	197.99	-98.99	1.2
RE DISCCART	190.92	-106.07	1.2
RE DISCCART	183.85	-113.14	1.2
RE DISCCART	176.78	-120.21	1.2
RE DISCCART	169.71	-127.28	1.2
RE DISCCART	166.17	-130.81	1.2
RE DISCCART	162.63	-134.35	1.2
RE DISCCART	160.51	-136.47	1.2
RE DISCCART	159.1	-137.89	1.2
RE DISCCART	157.68	-139.3	1.2
RE DISCCART	156.27	-140.71	1.2
RE DISCCART	154.86	-142.13	1.2
RE DISCCART	142.13	-154.86	1.2
RE DISCCART	140.71	-156.27	1.2
RE DISCCART	139.3	-157.68	1.2
RE DISCCART	137.89	-159.1	1.2
RE DISCCART	136.47	-160.51	1.2
RE DISCCART	134.35	-162.63	1.2
RE DISCCART	130.81	-166.17	1.2
RE DISCCART	127.28	-169.71	1.2
RE DISCCART	120.21	-176.78	1.2
RE DISCCART	113.14	-183.85	1.2
RE DISCCART	106.07	-190.92	1.2
RE DISCCART	98.99	-197.99	1.2

RE DISCCART	91.92	-205.06	1.2
RE DISCCART	84.85	-212.13	1.2
RE DISCCART	77.78	-219.2	1.2
RE DISCCART	226.27	-84.85	1.2
RE DISCCART	219.2	-91.92	1.2
RE DISCCART	212.13	-98.99	1.2
RE DISCCART	205.06	-106.07	1.2
RE DISCCART	197.99	-113.14	1.2
RE DISCCART	190.92	-120.21	1.2
RE DISCCART	183.85	-127.28	1.2
RE DISCCART	176.78	-134.35	1.2
RE DISCCART	173.24	-137.89	1.2
RE DISCCART	169.71	-141.42	1.2
RE DISCCART	167.58	-143.54	1.2
RE DISCCART	166.17	-144.96	1.2
RE DISCCART	164.76	-146.37	1.2
RE DISCCART	163.34	-147.79	1.2
RE DISCCART	161.93	-149.2	1.2
RE DISCCART	149.2	-161.93	1.2
RE DISCCART	147.79	-163.34	1.2
RE DISCCART	146.37	-164.76	1.2
RE DISCCART	144.96	-166.17	1.2
RE DISCCART	143.54	-167.58	1.2
RE DISCCART	141.42	-169.71	1.2
RE DISCCART	137.89	-173.24	1.2
RE DISCCART	134.35	-176.78	1.2
RE DISCCART	127.28	-183.85	1.2
RE DISCCART	120.21	-190.92	1.2
RE DISCCART	113.14	-197.99	1.2
RE DISCCART	106.07	-205.06	1.2
RE DISCCART	98.99	-212.13	1.2
RE DISCCART	91.92	-219.2	1.2
RE DISCCART	84.85	-226.27	1.2
RE DISCCART	233.35	-91.92	1.2
RE DISCCART	226.27	-98.99	1.2
RE DISCCART	219.2	-106.07	1.2
RE DISCCART	212.13	-113.14	1.2
RE DISCCART	205.06	-120.21	1.2
RE DISCCART	197.99	-127.28	1.2
RE DISCCART	190.92	-134.35	1.2
RE DISCCART	183.85	-141.42	1.2
RE DISCCART	180.31	-144.96	1.2
RE DISCCART	176.78	-148.49	1.2
RE DISCCART	174.66	-150.61	1.2

RE DISCCART	173.24	-152.03	1.2
RE DISCCART	171.83	-153.44	1.2
RE DISCCART	170.41	-154.86	1.2
RE DISCCART	169.0	-156.27	1.2
RE DISCCART	156.27	-169.0	1.2
RE DISCCART	154.86	-170.41	1.2
RE DISCCART	153.44	-171.83	1.2
RE DISCCART	152.03	-173.24	1.2
RE DISCCART	150.61	-174.66	1.2
RE DISCCART	148.49	-176.78	1.2
RE DISCCART	144.96	-180.31	1.2
RE DISCCART	141.42	-183.85	1.2
RE DISCCART	134.35	-190.92	1.2
RE DISCCART	127.28	-197.99	1.2
RE DISCCART	120.21	-205.06	1.2
RE DISCCART	113.14	-212.13	1.2
RE DISCCART	106.07	-219.2	1.2
RE DISCCART	98.99	-226.27	1.2
RE DISCCART	91.92	-233.35	1.2
RE DISCCART	240.42	-98.99	1.2
RE DISCCART	233.35	-106.07	1.2
RE DISCCART	226.27	-113.14	1.2
RE DISCCART	219.2	-120.21	1.2
RE DISCCART	212.13	-127.28	1.2
RE DISCCART	205.06	-134.35	1.2
RE DISCCART	197.99	-141.42	1.2
RE DISCCART	190.92	-148.49	1.2
RE DISCCART	187.38	-152.03	1.2
RE DISCCART	183.85	-155.56	1.2
RE DISCCART	181.73	-157.68	1.2
RE DISCCART	180.31	-159.1	1.2
RE DISCCART	178.9	-160.51	1.2
RE DISCCART	177.48	-161.93	1.2
RE DISCCART	176.07	-163.34	1.2
RE DISCCART	163.34	-176.07	1.2
RE DISCCART	161.93	-177.48	1.2
RE DISCCART	160.51	-178.9	1.2
RE DISCCART	159.1	-180.31	1.2
RE DISCCART	157.68	-181.73	1.2
RE DISCCART	155.56	-183.85	1.2
RE DISCCART	152.03	-187.38	1.2
RE DISCCART	148.49	-190.92	1.2
RE DISCCART	141.42	-197.99	1.2
RE DISCCART	134.35	-205.06	1.2

RE DISCCART 127.28 -212.13 1.2
RE DISCCART 120.21 -219.2 1.2
RE DISCCART 113.14 -226.27 1.2
RE DISCCART 106.07 -233.35 1.2
RE DISCCART 98.99 -240.42 1.2
RE DISCCART 247.49 -106.07 1.2
RE DISCCART 240.42 -113.14 1.2
RE DISCCART 233.35 -120.21 1.2
RE DISCCART 226.27 -127.28 1.2
RE DISCCART 219.2 -134.35 1.2
RE DISCCART 212.13 -141.42 1.2
RE DISCCART 205.06 -148.49 1.2
RE DISCCART 197.99 -155.56 1.2
RE DISCCART 194.45 -159.1 1.2
RE DISCCART 190.92 -162.63 1.2
RE DISCCART 188.8 -164.76 1.2
RE DISCCART 187.38 -166.17 1.2
RE DISCCART 185.97 -167.58 1.2
RE DISCCART 184.55 -169.0 1.2
RE DISCCART 183.14 -170.41 1.2
RE DISCCART 170.41 -183.14 1.2
RE DISCCART 169.0 -184.55 1.2
RE DISCCART 167.58 -185.97 1.2
RE DISCCART 166.17 -187.38 1.2
RE DISCCART 164.76 -188.8 1.2
RE DISCCART 162.63 -190.92 1.2
RE DISCCART 159.1 -194.45 1.2
RE DISCCART 155.56 -197.99 1.2
RE DISCCART 148.49 -205.06 1.2
RE DISCCART 141.42 -212.13 1.2
RE DISCCART 134.35 -219.2 1.2
RE DISCCART 127.28 -226.27 1.2
RE DISCCART 120.21 -233.35 1.2
RE DISCCART 113.14 -240.42 1.2
RE DISCCART 106.07 -247.49 1.2
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP003RA.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 2000

ME UAIRDATA 4901 2000

ME STARTEND 2000 01 01 1 2000 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

- 1. Final Plume Rise.
- 2. Stack-tip Downwash.
- 3. Buoyancy-induced Dispersion.
- 4. Use Calms Processing Routine.
- 5. Not Use Missing Data Processing Routine.
- 6. Default Wind Profile Exponents.
- 7. Default Vertical Potential Temperature Gradients.
- 8. "Upper Bound" Values for Supersquat Buildings.
- 9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\19NCRA-1.DAT

**Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\19NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

EMISSION RATE SOURCE SCALAR VARY BY ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	98.6	-92.3	0.0	4.95	9.00	90.00	135.00	2.30
NCRA_S2	0	0.21100E-07	35.0	-28.6	0.0	4.95	9.00	90.00	135.00	2.30
NCRA_S3	0	0.21100E-07	-28.6	35.0	0.0	4.95	9.00	90.00	135.00	2.30
NCRA_S4	0	0.21100E-07	-92.3	98.6	0.0	4.95	9.00	90.00	135.00	2.30
NCRA_S5	0	0.21100E-07	-155.9	162.3	0.0	4.95	9.00	90.00	135.00	2.30

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

NCRA_S1 NCRA_S1 ,

NCRA_S2 NCRA_S2 ,

NCRA_S3 NCRA_S3 ,

NCRA_S4 NCRA_S4 ,

NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-106.1,	247.5,	0.0,	1.2);	(-113.1,	240.4,	0.0,	1.2);
(-120.2,	233.4,	0.0,	1.2);	(-127.3,	226.3,	0.0,	1.2);
(-134.4,	219.2,	0.0,	1.2);	(-141.4,	212.1,	0.0,	1.2);

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

(-148.5,	205.1,	0.0,	1.2);	(-155.6,	198.0,	0.0,	1.2);
(-159.1,	194.4,	0.0,	1.2);	(-162.6,	190.9,	0.0,	1.2);
(-164.8,	188.8,	0.0,	1.2);	(-166.2,	187.4,	0.0,	1.2);
(-167.6,	186.0,	0.0,	1.2);	(-169.0,	184.6,	0.0,	1.2);
(-170.4,	183.1,	0.0,	1.2);	(-183.1,	170.4,	0.0,	1.2);
(-184.6,	169.0,	0.0,	1.2);	(-186.0,	167.6,	0.0,	1.2);
(-187.4,	166.2,	0.0,	1.2);	(-188.8,	164.8,	0.0,	1.2);
(-190.9,	162.6,	0.0,	1.2);	(-194.4,	159.1,	0.0,	1.2);
(-198.0,	155.6,	0.0,	1.2);	(-205.1,	148.5,	0.0,	1.2);
(-212.1,	141.4,	0.0,	1.2);	(-219.2,	134.4,	0.0,	1.2);
(-226.3,	127.3,	0.0,	1.2);	(-233.4,	120.2,	0.0,	1.2);
(-240.4,	113.1,	0.0,	1.2);	(-247.5,	106.1,	0.0,	1.2);
(-99.0,	240.4,	0.0,	1.2);	(-106.1,	233.4,	0.0,	1.2);
(-113.1,	226.3,	0.0,	1.2);	(-120.2,	219.2,	0.0,	1.2);
(-127.3,	212.1,	0.0,	1.2);	(-134.4,	205.1,	0.0,	1.2);
(-141.4,	198.0,	0.0,	1.2);	(-148.5,	190.9,	0.0,	1.2);
(-152.0,	187.4,	0.0,	1.2);	(-155.6,	183.9,	0.0,	1.2);
(-157.7,	181.7,	0.0,	1.2);	(-159.1,	180.3,	0.0,	1.2);
(-160.5,	178.9,	0.0,	1.2);	(-161.9,	177.5,	0.0,	1.2);
(-163.3,	176.1,	0.0,	1.2);	(-176.1,	163.3,	0.0,	1.2);
(-177.5,	161.9,	0.0,	1.2);	(-178.9,	160.5,	0.0,	1.2);
(-180.3,	159.1,	0.0,	1.2);	(-181.7,	157.7,	0.0,	1.2);
(-183.9,	155.6,	0.0,	1.2);	(-187.4,	152.0,	0.0,	1.2);
(-190.9,	148.5,	0.0,	1.2);	(-198.0,	141.4,	0.0,	1.2);
(-205.1,	134.4,	0.0,	1.2);	(-212.1,	127.3,	0.0,	1.2);
(-219.2,	120.2,	0.0,	1.2);	(-226.3,	113.1,	0.0,	1.2);
(-233.4,	106.1,	0.0,	1.2);	(-240.4,	99.0,	0.0,	1.2);
(-91.9,	233.4,	0.0,	1.2);	(-99.0,	226.3,	0.0,	1.2);
(-106.1,	219.2,	0.0,	1.2);	(-113.1,	212.1,	0.0,	1.2);
(-120.2,	205.1,	0.0,	1.2);	(-127.3,	198.0,	0.0,	1.2);
(-134.4,	190.9,	0.0,	1.2);	(-141.4,	183.9,	0.0,	1.2);
(-145.0,	180.3,	0.0,	1.2);	(-148.5,	176.8,	0.0,	1.2);
(-150.6,	174.7,	0.0,	1.2);	(-152.0,	173.2,	0.0,	1.2);
(-153.4,	171.8,	0.0,	1.2);	(-154.9,	170.4,	0.0,	1.2);
(-156.3,	169.0,	0.0,	1.2);	(-169.0,	156.3,	0.0,	1.2);
(-170.4,	154.9,	0.0,	1.2);	(-171.8,	153.4,	0.0,	1.2);
(-173.2,	152.0,	0.0,	1.2);	(-174.7,	150.6,	0.0,	1.2);
(-176.8,	148.5,	0.0,	1.2);	(-180.3,	145.0,	0.0,	1.2);
(-183.9,	141.4,	0.0,	1.2);	(-190.9,	134.4,	0.0,	1.2);
(-198.0,	127.3,	0.0,	1.2);	(-205.1,	120.2,	0.0,	1.2);
(-212.1,	113.1,	0.0,	1.2);	(-219.2,	106.1,	0.0,	1.2);
(-226.3,	99.0,	0.0,	1.2);	(-233.4,	91.9,	0.0,	1.2);

**MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-84.8, 226.3, 0.0, 1.2);	(-91.9, 219.2, 0.0, 1.2);
(-99.0, 212.1, 0.0, 1.2);	(-106.1, 205.1, 0.0, 1.2);
(-113.1, 198.0, 0.0, 1.2);	(-120.2, 190.9, 0.0, 1.2);
(-127.3, 183.9, 0.0, 1.2);	(-134.4, 176.8, 0.0, 1.2);
(-137.9, 173.2, 0.0, 1.2);	(-141.4, 169.7, 0.0, 1.2);
(-143.5, 167.6, 0.0, 1.2);	(-145.0, 166.2, 0.0, 1.2);
(-146.4, 164.8, 0.0, 1.2);	(-147.8, 163.3, 0.0, 1.2);
(-149.2, 161.9, 0.0, 1.2);	(-161.9, 149.2, 0.0, 1.2);
(-163.3, 147.8, 0.0, 1.2);	(-164.8, 146.4, 0.0, 1.2);
(-166.2, 145.0, 0.0, 1.2);	(-167.6, 143.5, 0.0, 1.2);
(-169.7, 141.4, 0.0, 1.2);	(-173.2, 137.9, 0.0, 1.2);
(-176.8, 134.4, 0.0, 1.2);	(-183.9, 127.3, 0.0, 1.2);
(-190.9, 120.2, 0.0, 1.2);	(-198.0, 113.1, 0.0, 1.2);
(-205.1, 106.1, 0.0, 1.2);	(-212.1, 99.0, 0.0, 1.2);
(-219.2, 91.9, 0.0, 1.2);	(-226.3, 84.8, 0.0, 1.2);
(-77.8, 219.2, 0.0, 1.2);	(-84.8, 212.1, 0.0, 1.2);
(-91.9, 205.1, 0.0, 1.2);	(-99.0, 198.0, 0.0, 1.2);
(-106.1, 190.9, 0.0, 1.2);	(-113.1, 183.9, 0.0, 1.2);
(-120.2, 176.8, 0.0, 1.2);	(-127.3, 169.7, 0.0, 1.2);
(-130.8, 166.2, 0.0, 1.2);	(-134.4, 162.6, 0.0, 1.2);
(-136.5, 160.5, 0.0, 1.2);	(-137.9, 159.1, 0.0, 1.2);
(-139.3, 157.7, 0.0, 1.2);	(-140.7, 156.3, 0.0, 1.2);
(-142.1, 154.9, 0.0, 1.2);	(-154.9, 142.1, 0.0, 1.2);
(-156.3, 140.7, 0.0, 1.2);	(-157.7, 139.3, 0.0, 1.2);
(-159.1, 137.9, 0.0, 1.2);	(-160.5, 136.5, 0.0, 1.2);
(-162.6, 134.4, 0.0, 1.2);	(-166.2, 130.8, 0.0, 1.2);
(-169.7, 127.3, 0.0, 1.2);	(-176.8, 120.2, 0.0, 1.2);
(-183.9, 113.1, 0.0, 1.2);	(-190.9, 106.1, 0.0, 1.2);
(-198.0, 99.0, 0.0, 1.2);	(-205.1, 91.9, 0.0, 1.2);
(-212.1, 84.8, 0.0, 1.2);	(-219.2, 77.8, 0.0, 1.2);
(-70.7, 212.1, 0.0, 1.2);	(-77.8, 205.1, 0.0, 1.2);
(-84.8, 198.0, 0.0, 1.2);	(-91.9, 190.9, 0.0, 1.2);
(-99.0, 183.9, 0.0, 1.2);	(-106.1, 176.8, 0.0, 1.2);
(-113.1, 169.7, 0.0, 1.2);	(-120.2, 162.6, 0.0, 1.2);
(-123.7, 159.1, 0.0, 1.2);	(-127.3, 155.6, 0.0, 1.2);
(-129.4, 153.4, 0.0, 1.2);	(-130.8, 152.0, 0.0, 1.2);
(-132.2, 150.6, 0.0, 1.2);	(-133.6, 149.2, 0.0, 1.2);
(-135.1, 147.8, 0.0, 1.2);	(-147.8, 135.1, 0.0, 1.2);
(-149.2, 133.6, 0.0, 1.2);	(-150.6, 132.2, 0.0, 1.2);

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

(-152.0,	130.8,	0.0,	1.2);	(-153.4,	129.4,	0.0,	1.2);
(-155.6,	127.3,	0.0,	1.2);	(-159.1,	123.7,	0.0,	1.2);
(-162.6,	120.2,	0.0,	1.2);	(-169.7,	113.1,	0.0,	1.2);
(-176.8,	106.1,	0.0,	1.2);	(-183.9,	99.0,	0.0,	1.2);
(-190.9,	91.9,	0.0,	1.2);	(-198.0,	84.8,	0.0,	1.2);
(-205.1,	77.8,	0.0,	1.2);	(-212.1,	70.7,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-63.6,	205.1,	0.0,	1.2);	(-70.7,	198.0,	0.0,	1.2);
(-77.8,	190.9,	0.0,	1.2);	(-84.8,	183.9,	0.0,	1.2);
(-91.9,	176.8,	0.0,	1.2);	(-99.0,	169.7,	0.0,	1.2);
(-106.1,	162.6,	0.0,	1.2);	(-113.1,	155.6,	0.0,	1.2);
(-116.7,	152.0,	0.0,	1.2);	(-120.2,	148.5,	0.0,	1.2);
(-122.3,	146.4,	0.0,	1.2);	(-123.7,	145.0,	0.0,	1.2);
(-125.2,	143.5,	0.0,	1.2);	(-126.6,	142.1,	0.0,	1.2);
(-128.0,	140.7,	0.0,	1.2);	(-140.7,	128.0,	0.0,	1.2);
(-142.1,	126.6,	0.0,	1.2);	(-143.5,	125.2,	0.0,	1.2);
(-145.0,	123.7,	0.0,	1.2);	(-146.4,	122.3,	0.0,	1.2);
(-148.5,	120.2,	0.0,	1.2);	(-152.0,	116.7,	0.0,	1.2);
(-155.6,	113.1,	0.0,	1.2);	(-162.6,	106.1,	0.0,	1.2);
(-169.7,	99.0,	0.0,	1.2);	(-176.8,	91.9,	0.0,	1.2);
(-183.9,	84.8,	0.0,	1.2);	(-190.9,	77.8,	0.0,	1.2);
(-198.0,	70.7,	0.0,	1.2);	(-205.1,	63.6,	0.0,	1.2);
(-56.6,	198.0,	0.0,	1.2);	(-63.6,	190.9,	0.0,	1.2);
(-70.7,	183.9,	0.0,	1.2);	(-77.8,	176.8,	0.0,	1.2);
(-84.8,	169.7,	0.0,	1.2);	(-91.9,	162.6,	0.0,	1.2);
(-99.0,	155.6,	0.0,	1.2);	(-106.1,	148.5,	0.0,	1.2);
(-109.6,	145.0,	0.0,	1.2);	(-113.1,	141.4,	0.0,	1.2);
(-115.3,	139.3,	0.0,	1.2);	(-116.7,	137.9,	0.0,	1.2);
(-118.1,	136.5,	0.0,	1.2);	(-119.5,	135.1,	0.0,	1.2);
(-120.9,	133.6,	0.0,	1.2);	(-133.6,	120.9,	0.0,	1.2);
(-135.1,	119.5,	0.0,	1.2);	(-136.5,	118.1,	0.0,	1.2);
(-137.9,	116.7,	0.0,	1.2);	(-139.3,	115.3,	0.0,	1.2);
(-141.4,	113.1,	0.0,	1.2);	(-145.0,	109.6,	0.0,	1.2);
(-148.5,	106.1,	0.0,	1.2);	(-155.6,	99.0,	0.0,	1.2);
(-162.6,	91.9,	0.0,	1.2);	(-169.7,	84.8,	0.0,	1.2);
(-176.8,	77.8,	0.0,	1.2);	(-183.9,	70.7,	0.0,	1.2);
(-190.9,	63.6,	0.0,	1.2);	(-198.0,	56.6,	0.0,	1.2);
(-49.5,	190.9,	0.0,	1.2);	(-56.6,	183.9,	0.0,	1.2);

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

(-63.6,	176.8,	0.0,	1.2);	(-70.7,	169.7,	0.0,	1.2);
(-77.8,	162.6,	0.0,	1.2);	(-84.8,	155.6,	0.0,	1.2);
(-91.9,	148.5,	0.0,	1.2);	(-99.0,	141.4,	0.0,	1.2);
(-102.5,	137.9,	0.0,	1.2);	(-106.1,	134.4,	0.0,	1.2);
(-108.2,	132.2,	0.0,	1.2);	(-109.6,	130.8,	0.0,	1.2);
(-111.0,	129.4,	0.0,	1.2);	(-112.4,	128.0,	0.0,	1.2);
(-113.8,	126.6,	0.0,	1.2);	(-126.6,	113.8,	0.0,	1.2);
(-128.0,	112.4,	0.0,	1.2);	(-129.4,	111.0,	0.0,	1.2);
(-130.8,	109.6,	0.0,	1.2);	(-132.2,	108.2,	0.0,	1.2);
(-134.4,	106.1,	0.0,	1.2);	(-137.9,	102.5,	0.0,	1.2);
(-141.4,	99.0,	0.0,	1.2);	(-148.5,	91.9,	0.0,	1.2);
(-155.6,	84.8,	0.0,	1.2);	(-162.6,	77.8,	0.0,	1.2);
(-169.7,	70.7,	0.0,	1.2);	(-176.8,	63.6,	0.0,	1.2);
(-183.9,	56.6,	0.0,	1.2);	(-190.9,	49.5,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-42.4,	183.9,	0.0,	1.2);	(-49.5,	176.8,	0.0,	1.2);
(-56.6,	169.7,	0.0,	1.2);	(-63.6,	162.6,	0.0,	1.2);
(-70.7,	155.6,	0.0,	1.2);	(-77.8,	148.5,	0.0,	1.2);
(-84.8,	141.4,	0.0,	1.2);	(-91.9,	134.4,	0.0,	1.2);
(-95.5,	130.8,	0.0,	1.2);	(-99.0,	127.3,	0.0,	1.2);
(-101.1,	125.2,	0.0,	1.2);	(-102.5,	123.7,	0.0,	1.2);
(-103.9,	122.3,	0.0,	1.2);	(-105.4,	120.9,	0.0,	1.2);
(-106.8,	119.5,	0.0,	1.2);	(-119.5,	106.8,	0.0,	1.2);
(-120.9,	105.4,	0.0,	1.2);	(-122.3,	103.9,	0.0,	1.2);
(-123.7,	102.5,	0.0,	1.2);	(-125.2,	101.1,	0.0,	1.2);
(-127.3,	99.0,	0.0,	1.2);	(-130.8,	95.5,	0.0,	1.2);
(-134.4,	91.9,	0.0,	1.2);	(-141.4,	84.8,	0.0,	1.2);
(-148.5,	77.8,	0.0,	1.2);	(-155.6,	70.7,	0.0,	1.2);
(-162.6,	63.6,	0.0,	1.2);	(-169.7,	56.6,	0.0,	1.2);
(-176.8,	49.5,	0.0,	1.2);	(-183.9,	42.4,	0.0,	1.2);
(-35.4,	176.8,	0.0,	1.2);	(-42.4,	169.7,	0.0,	1.2);
(-49.5,	162.6,	0.0,	1.2);	(-56.6,	155.6,	0.0,	1.2);
(-63.6,	148.5,	0.0,	1.2);	(-70.7,	141.4,	0.0,	1.2);
(-77.8,	134.4,	0.0,	1.2);	(-84.8,	127.3,	0.0,	1.2);
(-88.4,	123.7,	0.0,	1.2);	(-91.9,	120.2,	0.0,	1.2);
(-94.1,	118.1,	0.0,	1.2);	(-95.5,	116.7,	0.0,	1.2);
(-96.9,	115.3,	0.0,	1.2);	(-98.3,	113.8,	0.0,	1.2);
(-99.7,	112.4,	0.0,	1.2);	(-112.4,	99.7,	0.0,	1.2);

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

(-113.8,	98.3,	0.0,	1.2);	(-115.3,	96.9,	0.0,	1.2);
(-116.7,	95.5,	0.0,	1.2);	(-118.1,	94.1,	0.0,	1.2);
(-120.2,	91.9,	0.0,	1.2);	(-123.7,	88.4,	0.0,	1.2);
(-127.3,	84.8,	0.0,	1.2);	(-134.4,	77.8,	0.0,	1.2);
(-141.4,	70.7,	0.0,	1.2);	(-148.5,	63.6,	0.0,	1.2);
(-155.6,	56.6,	0.0,	1.2);	(-162.6,	49.5,	0.0,	1.2);
(-169.7,	42.4,	0.0,	1.2);	(-176.8,	35.4,	0.0,	1.2);
(-28.3,	169.7,	0.0,	1.2);	(-35.4,	162.6,	0.0,	1.2);
(-42.4,	155.6,	0.0,	1.2);	(-49.5,	148.5,	0.0,	1.2);
(-56.6,	141.4,	0.0,	1.2);	(-63.6,	134.4,	0.0,	1.2);
(-70.7,	127.3,	0.0,	1.2);	(-77.8,	120.2,	0.0,	1.2);
(-81.3,	116.7,	0.0,	1.2);	(-84.8,	113.1,	0.0,	1.2);
(-87.0,	111.0,	0.0,	1.2);	(-88.4,	109.6,	0.0,	1.2);
(-89.8,	108.2,	0.0,	1.2);	(-91.2,	106.8,	0.0,	1.2);
(-92.6,	105.4,	0.0,	1.2);	(-105.4,	92.6,	0.0,	1.2);
(-106.8,	91.2,	0.0,	1.2);	(-108.2,	89.8,	0.0,	1.2);
(-109.6,	88.4,	0.0,	1.2);	(-111.0,	87.0,	0.0,	1.2);
(-113.1,	84.8,	0.0,	1.2);	(-116.7,	81.3,	0.0,	1.2);
(-120.2,	77.8,	0.0,	1.2);	(-127.3,	70.7,	0.0,	1.2);
(-134.4,	63.6,	0.0,	1.2);	(-141.4,	56.6,	0.0,	1.2);
(-148.5,	49.5,	0.0,	1.2);	(-155.6,	42.4,	0.0,	1.2);
(-162.6,	35.4,	0.0,	1.2);	(-169.7,	28.3,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:55:26

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-21.2,	162.6,	0.0,	1.2);	(-28.3,	155.6,	0.0,	1.2);
(-35.4,	148.5,	0.0,	1.2);	(-42.4,	141.4,	0.0,	1.2);
(-49.5,	134.4,	0.0,	1.2);	(-56.6,	127.3,	0.0,	1.2);
(-63.6,	120.2,	0.0,	1.2);	(-70.7,	113.1,	0.0,	1.2);
(-74.2,	109.6,	0.0,	1.2);	(-77.8,	106.1,	0.0,	1.2);
(-79.9,	103.9,	0.0,	1.2);	(-81.3,	102.5,	0.0,	1.2);
(-82.7,	101.1,	0.0,	1.2);	(-84.2,	99.7,	0.0,	1.2);
(-85.6,	98.3,	0.0,	1.2);	(-98.3,	85.6,	0.0,	1.2);
(-99.7,	84.2,	0.0,	1.2);	(-101.1,	82.7,	0.0,	1.2);
(-102.5,	81.3,	0.0,	1.2);	(-103.9,	79.9,	0.0,	1.2);
(-106.1,	77.8,	0.0,	1.2);	(-109.6,	74.2,	0.0,	1.2);
(-113.1,	70.7,	0.0,	1.2);	(-120.2,	63.6,	0.0,	1.2);
(-127.3,	56.6,	0.0,	1.2);	(-134.4,	49.5,	0.0,	1.2);
(-141.4,	42.4,	0.0,	1.2);	(-148.5,	35.4,	0.0,	1.2);
(-155.6,	28.3,	0.0,	1.2);	(-162.6,	21.2,	0.0,	1.2);

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

(-14.1,	155.6,	0.0,	1.2);	(-21.2,	148.5,	0.0,	1.2);
(-28.3,	141.4,	0.0,	1.2);	(-35.4,	134.4,	0.0,	1.2);
(-42.4,	127.3,	0.0,	1.2);	(-49.5,	120.2,	0.0,	1.2);
(-56.6,	113.1,	0.0,	1.2);	(-63.6,	106.1,	0.0,	1.2);
(-67.2,	102.5,	0.0,	1.2);	(-70.7,	99.0,	0.0,	1.2);
(-72.8,	96.9,	0.0,	1.2);	(-74.2,	95.5,	0.0,	1.2);
(-75.7,	94.1,	0.0,	1.2);	(-77.1,	92.6,	0.0,	1.2);
(-78.5,	91.2,	0.0,	1.2);	(-91.2,	78.5,	0.0,	1.2);
(-92.6,	77.1,	0.0,	1.2);	(-94.1,	75.7,	0.0,	1.2);
(-95.5,	74.2,	0.0,	1.2);	(-96.9,	72.8,	0.0,	1.2);
(-99.0,	70.7,	0.0,	1.2);	(-102.5,	67.2,	0.0,	1.2);
(-106.1,	63.6,	0.0,	1.2);	(-113.1,	56.6,	0.0,	1.2);
(-120.2,	49.5,	0.0,	1.2);	(-127.3,	42.4,	0.0,	1.2);
(-134.4,	35.4,	0.0,	1.2);	(-141.4,	28.3,	0.0,	1.2);
(-148.5,	21.2,	0.0,	1.2);	(-155.6,	14.1,	0.0,	1.2);
(-7.1,	148.5,	0.0,	1.2);	(-14.1,	141.4,	0.0,	1.2);
(-21.2,	134.4,	0.0,	1.2);	(-28.3,	127.3,	0.0,	1.2);
(-35.4,	120.2,	0.0,	1.2);	(-42.4,	113.1,	0.0,	1.2);
(-49.5,	106.1,	0.0,	1.2);	(-56.6,	99.0,	0.0,	1.2);
(-60.1,	95.5,	0.0,	1.2);	(-63.6,	91.9,	0.0,	1.2);
(-65.8,	89.8,	0.0,	1.2);	(-67.2,	88.4,	0.0,	1.2);
(-68.6,	87.0,	0.0,	1.2);	(-70.0,	85.6,	0.0,	1.2);
(-71.4,	84.2,	0.0,	1.2);	(-84.2,	71.4,	0.0,	1.2);
(-85.6,	70.0,	0.0,	1.2);	(-87.0,	68.6,	0.0,	1.2);
(-88.4,	67.2,	0.0,	1.2);	(-89.8,	65.8,	0.0,	1.2);
(-91.9,	63.6,	0.0,	1.2);	(-95.5,	60.1,	0.0,	1.2);
(-99.0,	56.6,	0.0,	1.2);	(-106.1,	49.5,	0.0,	1.2);
(-113.1,	42.4,	0.0,	1.2);	(-120.2,	35.4,	0.0,	1.2);
(-127.3,	28.3,	0.0,	1.2);	(-134.4,	21.2,	0.0,	1.2);
(-141.4,	14.1,	0.0,	1.2);	(-148.5,	7.1,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(0.0,	141.4,	0.0,	1.2);	(-7.1,	134.4,	0.0,	1.2);
(-14.1,	127.3,	0.0,	1.2);	(-21.2,	120.2,	0.0,	1.2);
(-28.3,	113.1,	0.0,	1.2);	(-35.4,	106.1,	0.0,	1.2);
(-42.4,	99.0,	0.0,	1.2);	(-49.5,	91.9,	0.0,	1.2);
(-53.0,	88.4,	0.0,	1.2);	(-56.6,	84.8,	0.0,	1.2);
(-58.7,	82.7,	0.0,	1.2);	(-60.1,	81.3,	0.0,	1.2);
(-61.5,	79.9,	0.0,	1.2);	(-62.9,	78.5,	0.0,	1.2);

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

(-64.3,	77.1,	0.0,	1.2);	(-77.1,	64.3,	0.0,	1.2);
(-78.5,	62.9,	0.0,	1.2);	(-79.9,	61.5,	0.0,	1.2);
(-81.3,	60.1,	0.0,	1.2);	(-82.7,	58.7,	0.0,	1.2);
(-84.8,	56.6,	0.0,	1.2);	(-88.4,	53.0,	0.0,	1.2);
(-91.9,	49.5,	0.0,	1.2);	(-99.0,	42.4,	0.0,	1.2);
(-106.1,	35.4,	0.0,	1.2);	(-113.1,	28.3,	0.0,	1.2);
(-120.2,	21.2,	0.0,	1.2);	(-127.3,	14.1,	0.0,	1.2);
(-134.4,	7.1,	0.0,	1.2);	(-141.4,	0.0,	0.0,	1.2);
(7.1,	134.4,	0.0,	1.2);	(0.0,	127.3,	0.0,	1.2);
(-7.1,	120.2,	0.0,	1.2);	(-14.1,	113.1,	0.0,	1.2);
(-21.2,	106.1,	0.0,	1.2);	(-28.3,	99.0,	0.0,	1.2);
(-35.4,	91.9,	0.0,	1.2);	(-42.4,	84.8,	0.0,	1.2);
(-46.0,	81.3,	0.0,	1.2);	(-49.5,	77.8,	0.0,	1.2);
(-51.6,	75.7,	0.0,	1.2);	(-53.0,	74.2,	0.0,	1.2);
(-54.5,	72.8,	0.0,	1.2);	(-55.9,	71.4,	0.0,	1.2);
(-57.3,	70.0,	0.0,	1.2);	(-70.0,	57.3,	0.0,	1.2);
(-71.4,	55.9,	0.0,	1.2);	(-72.8,	54.5,	0.0,	1.2);
(-74.2,	53.0,	0.0,	1.2);	(-75.7,	51.6,	0.0,	1.2);
(-77.8,	49.5,	0.0,	1.2);	(-81.3,	46.0,	0.0,	1.2);
(-84.8,	42.4,	0.0,	1.2);	(-91.9,	35.4,	0.0,	1.2);
(-99.0,	28.3,	0.0,	1.2);	(-106.1,	21.2,	0.0,	1.2);
(-113.1,	14.1,	0.0,	1.2);	(-120.2,	7.1,	0.0,	1.2);
(-127.3,	0.0,	0.0,	1.2);	(-134.4,	-7.1,	0.0,	1.2);
(14.1,	127.3,	0.0,	1.2);	(7.1,	120.2,	0.0,	1.2);
(0.0,	113.1,	0.0,	1.2);	(-7.1,	106.1,	0.0,	1.2);
(-14.1,	99.0,	0.0,	1.2);	(-21.2,	91.9,	0.0,	1.2);
(-28.3,	84.8,	0.0,	1.2);	(-35.4,	77.8,	0.0,	1.2);
(-38.9,	74.2,	0.0,	1.2);	(-42.4,	70.7,	0.0,	1.2);
(-44.5,	68.6,	0.0,	1.2);	(-46.0,	67.2,	0.0,	1.2);
(-47.4,	65.8,	0.0,	1.2);	(-48.8,	64.3,	0.0,	1.2);
(-50.2,	62.9,	0.0,	1.2);	(-62.9,	50.2,	0.0,	1.2);
(-64.3,	48.8,	0.0,	1.2);	(-65.8,	47.4,	0.0,	1.2);
(-67.2,	46.0,	0.0,	1.2);	(-68.6,	44.5,	0.0,	1.2);
(-70.7,	42.4,	0.0,	1.2);	(-74.2,	38.9,	0.0,	1.2);
(-77.8,	35.4,	0.0,	1.2);	(-84.8,	28.3,	0.0,	1.2);
(-91.9,	21.2,	0.0,	1.2);	(-99.0,	14.1,	0.0,	1.2);
(-106.1,	7.1,	0.0,	1.2);	(-113.1,	0.0,	0.0,	1.2);
(-120.2,	-7.1,	0.0,	1.2);	(-127.3,	-14.1,	0.0,	1.2);

1 *** ISCT3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:55:26

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound
(METERS)

(21.2,	120.2,	0.0,	1.2);	(14.1,	113.1,	0.0,	1.2);
(7.1,	106.1,	0.0,	1.2);	(0.0,	99.0,	0.0,	1.2);
(-7.1,	91.9,	0.0,	1.2);	(-14.1,	84.8,	0.0,	1.2);
(-21.2,	77.8,	0.0,	1.2);	(-28.3,	70.7,	0.0,	1.2);
(-31.8,	67.2,	0.0,	1.2);	(-35.4,	63.6,	0.0,	1.2);
(-37.5,	61.5,	0.0,	1.2);	(-38.9,	60.1,	0.0,	1.2);
(-40.3,	58.7,	0.0,	1.2);	(-41.7,	57.3,	0.0,	1.2);
(-43.1,	55.9,	0.0,	1.2);	(-55.9,	43.1,	0.0,	1.2);
(-57.3,	41.7,	0.0,	1.2);	(-58.7,	40.3,	0.0,	1.2);
(-60.1,	38.9,	0.0,	1.2);	(-61.5,	37.5,	0.0,	1.2);
(-63.6,	35.4,	0.0,	1.2);	(-67.2,	31.8,	0.0,	1.2);
(-70.7,	28.3,	0.0,	1.2);	(-77.8,	21.2,	0.0,	1.2);
(-84.8,	14.1,	0.0,	1.2);	(-91.9,	7.1,	0.0,	1.2);
(-99.0,	0.0,	0.0,	1.2);	(-106.1,	-7.1,	0.0,	1.2);
(-113.1,	-14.1,	0.0,	1.2);	(-120.2,	-21.2,	0.0,	1.2);
(28.3,	113.1,	0.0,	1.2);	(21.2,	106.1,	0.0,	1.2);
(14.1,	99.0,	0.0,	1.2);	(7.1,	91.9,	0.0,	1.2);
(0.0,	84.8,	0.0,	1.2);	(-7.1,	77.8,	0.0,	1.2);
(-14.1,	70.7,	0.0,	1.2);	(-21.2,	63.6,	0.0,	1.2);
(-24.8,	60.1,	0.0,	1.2);	(-28.3,	56.6,	0.0,	1.2);
(-30.4,	54.5,	0.0,	1.2);	(-31.8,	53.0,	0.0,	1.2);
(-33.2,	51.6,	0.0,	1.2);	(-34.7,	50.2,	0.0,	1.2);
(-36.1,	48.8,	0.0,	1.2);	(-48.8,	36.1,	0.0,	1.2);
(-50.2,	34.7,	0.0,	1.2);	(-51.6,	33.2,	0.0,	1.2);
(-53.0,	31.8,	0.0,	1.2);	(-54.5,	30.4,	0.0,	1.2);
(-56.6,	28.3,	0.0,	1.2);	(-60.1,	24.8,	0.0,	1.2);
(-63.6,	21.2,	0.0,	1.2);	(-70.7,	14.1,	0.0,	1.2);
(-77.8,	7.1,	0.0,	1.2);	(-84.8,	0.0,	0.0,	1.2);
(-91.9,	-7.1,	0.0,	1.2);	(-99.0,	-14.1,	0.0,	1.2);
(-106.1,	-21.2,	0.0,	1.2);	(-113.1,	-28.3,	0.0,	1.2);
(35.4,	106.1,	0.0,	1.2);	(28.3,	99.0,	0.0,	1.2);
(21.2,	91.9,	0.0,	1.2);	(14.1,	84.8,	0.0,	1.2);
(7.1,	77.8,	0.0,	1.2);	(0.0,	70.7,	0.0,	1.2);
(-7.1,	63.6,	0.0,	1.2);	(-14.1,	56.6,	0.0,	1.2);
(-17.7,	53.0,	0.0,	1.2);	(-21.2,	49.5,	0.0,	1.2);
(-23.3,	47.4,	0.0,	1.2);	(-24.8,	46.0,	0.0,	1.2);
(-26.2,	44.5,	0.0,	1.2);	(-27.6,	43.1,	0.0,	1.2);
(-29.0,	41.7,	0.0,	1.2);	(-41.7,	29.0,	0.0,	1.2);
(-43.1,	27.6,	0.0,	1.2);	(-44.5,	26.2,	0.0,	1.2);
(-46.0,	24.8,	0.0,	1.2);	(-47.4,	23.3,	0.0,	1.2);
(-49.5,	21.2,	0.0,	1.2);	(-53.0,	17.7,	0.0,	1.2);
(-56.6,	14.1,	0.0,	1.2);	(-63.6,	7.1,	0.0,	1.2);
(-70.7,	0.0,	0.0,	1.2);	(-77.8,	-7.1,	0.0,	1.2);

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

(-84.8, -14.1, 0.0, 1.2); (-91.9, -21.2, 0.0, 1.2);
 (-99.0, -28.3, 0.0, 1.2); (-106.1, -35.4, 0.0, 1.2);

1 *** ICSCT3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(42.4, 99.0, 0.0, 1.2); (35.4, 91.9, 0.0, 1.2);
 (28.3, 84.8, 0.0, 1.2); (21.2, 77.8, 0.0, 1.2);
 (14.1, 70.7, 0.0, 1.2); (7.1, 63.6, 0.0, 1.2);
 (0.0, 56.6, 0.0, 1.2); (-7.1, 49.5, 0.0, 1.2);
 (-10.6, 46.0, 0.0, 1.2); (-14.1, 42.4, 0.0, 1.2);
 (-16.3, 40.3, 0.0, 1.2); (-17.7, 38.9, 0.0, 1.2);
 (-19.1, 37.5, 0.0, 1.2); (-20.5, 36.1, 0.0, 1.2);
 (-21.9, 34.7, 0.0, 1.2); (-34.7, 21.9, 0.0, 1.2);
 (-36.1, 20.5, 0.0, 1.2); (-37.5, 19.1, 0.0, 1.2);
 (-38.9, 17.7, 0.0, 1.2); (-40.3, 16.3, 0.0, 1.2);
 (-42.4, 14.1, 0.0, 1.2); (-46.0, 10.6, 0.0, 1.2);
 (-49.5, 7.1, 0.0, 1.2); (-56.6, 0.0, 0.0, 1.2);
 (-63.6, -7.1, 0.0, 1.2); (-70.7, -14.1, 0.0, 1.2);
 (-77.8, -21.2, 0.0, 1.2); (-84.8, -28.3, 0.0, 1.2);
 (-91.9, -35.4, 0.0, 1.2); (-99.0, -42.4, 0.0, 1.2);
 (49.5, 91.9, 0.0, 1.2); (42.4, 84.8, 0.0, 1.2);
 (35.4, 77.8, 0.0, 1.2); (28.3, 70.7, 0.0, 1.2);
 (21.2, 63.6, 0.0, 1.2); (14.1, 56.6, 0.0, 1.2);
 (7.1, 49.5, 0.0, 1.2); (0.0, 42.4, 0.0, 1.2);
 (-3.5, 38.9, 0.0, 1.2); (-7.1, 35.4, 0.0, 1.2);
 (-9.2, 33.2, 0.0, 1.2); (-10.6, 31.8, 0.0, 1.2);
 (-12.0, 30.4, 0.0, 1.2); (-13.4, 29.0, 0.0, 1.2);
 (-14.9, 27.6, 0.0, 1.2); (-27.6, 14.9, 0.0, 1.2);
 (-29.0, 13.4, 0.0, 1.2); (-30.4, 12.0, 0.0, 1.2);
 (-31.8, 10.6, 0.0, 1.2); (-33.2, 9.2, 0.0, 1.2);
 (-35.4, 7.1, 0.0, 1.2); (-38.9, 3.5, 0.0, 1.2);
 (-42.4, 0.0, 0.0, 1.2); (-49.5, -7.1, 0.0, 1.2);
 (-56.6, -14.1, 0.0, 1.2); (-63.6, -21.2, 0.0, 1.2);
 (-70.7, -28.3, 0.0, 1.2); (-77.8, -35.4, 0.0, 1.2);
 (-84.8, -42.4, 0.0, 1.2); (-91.9, -49.5, 0.0, 1.2);
 (56.6, 84.8, 0.0, 1.2); (49.5, 77.8, 0.0, 1.2);
 (42.4, 70.7, 0.0, 1.2); (35.4, 63.6, 0.0, 1.2);
 (28.3, 56.6, 0.0, 1.2); (21.2, 49.5, 0.0, 1.2);
 (14.1, 42.4, 0.0, 1.2); (7.1, 35.4, 0.0, 1.2);
 (3.5, 31.8, 0.0, 1.2); (0.0, 28.3, 0.0, 1.2);

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

(-2.1,	26.2,	0.0,	1.2);	(-3.5,	24.8,	0.0,	1.2);
(-4.9,	23.3,	0.0,	1.2);	(-6.4,	21.9,	0.0,	1.2);
(-7.8,	20.5,	0.0,	1.2);	(-20.5,	7.8,	0.0,	1.2);
(-21.9,	6.4,	0.0,	1.2);	(-23.3,	4.9,	0.0,	1.2);
(-24.8,	3.5,	0.0,	1.2);	(-26.2,	2.1,	0.0,	1.2);
(-28.3,	0.0,	0.0,	1.2);	(-31.8,	-3.5,	0.0,	1.2);
(-35.4,	-7.1,	0.0,	1.2);	(-42.4,	-14.1,	0.0,	1.2);
(-49.5,	-21.2,	0.0,	1.2);	(-56.6,	-28.3,	0.0,	1.2);
(-63.6,	-35.4,	0.0,	1.2);	(-70.7,	-42.4,	0.0,	1.2);
(-77.8,	-49.5,	0.0,	1.2);	(-84.8,	-56.6,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
 PAGE 12
 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(63.6,	77.8,	0.0,	1.2);	(56.6,	70.7,	0.0,	1.2);
(49.5,	63.6,	0.0,	1.2);	(42.4,	56.6,	0.0,	1.2);
(35.4,	49.5,	0.0,	1.2);	(28.3,	42.4,	0.0,	1.2);
(21.2,	35.4,	0.0,	1.2);	(14.1,	28.3,	0.0,	1.2);
(10.6,	24.8,	0.0,	1.2);	(7.1,	21.2,	0.0,	1.2);
(4.9,	19.1,	0.0,	1.2);	(3.5,	17.7,	0.0,	1.2);
(2.1,	16.3,	0.0,	1.2);	(0.7,	14.9,	0.0,	1.2);
(-0.7,	13.4,	0.0,	1.2);	(-13.4,	0.7,	0.0,	1.2);
(-14.9,	-0.7,	0.0,	1.2);	(-16.3,	-2.1,	0.0,	1.2);
(-17.7,	-3.5,	0.0,	1.2);	(-19.1,	-4.9,	0.0,	1.2);
(-21.2,	-7.1,	0.0,	1.2);	(-24.8,	-10.6,	0.0,	1.2);
(-28.3,	-14.1,	0.0,	1.2);	(-35.4,	-21.2,	0.0,	1.2);
(-42.4,	-28.3,	0.0,	1.2);	(-49.5,	-35.4,	0.0,	1.2);
(-56.6,	-42.4,	0.0,	1.2);	(-63.6,	-49.5,	0.0,	1.2);
(-70.7,	-56.6,	0.0,	1.2);	(-77.8,	-63.6,	0.0,	1.2);
(70.7,	70.7,	0.0,	1.2);	(63.6,	63.6,	0.0,	1.2);
(56.6,	56.6,	0.0,	1.2);	(49.5,	49.5,	0.0,	1.2);
(42.4,	42.4,	0.0,	1.2);	(35.4,	35.4,	0.0,	1.2);
(28.3,	28.3,	0.0,	1.2);	(21.2,	21.2,	0.0,	1.2);
(17.7,	17.7,	0.0,	1.2);	(14.1,	14.1,	0.0,	1.2);
(12.0,	12.0,	0.0,	1.2);	(10.6,	10.6,	0.0,	1.2);
(9.2,	9.2,	0.0,	1.2);	(7.8,	7.8,	0.0,	1.2);
(6.4,	6.4,	0.0,	1.2);	(-6.4,	-6.4,	0.0,	1.2);
(-7.8,	-7.8,	0.0,	1.2);	(-9.2,	-9.2,	0.0,	1.2);
(-10.6,	-10.6,	0.0,	1.2);	(-12.0,	-12.0,	0.0,	1.2);
(-14.1,	-14.1,	0.0,	1.2);	(-17.7,	-17.7,	0.0,	1.2);
(-21.2,	-21.2,	0.0,	1.2);	(-28.3,	-28.3,	0.0,	1.2);

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

(-35.4, -35.4, 0.0, 1.2);	(-42.4, -42.4, 0.0, 1.2);
(-49.5, -49.5, 0.0, 1.2);	(-56.6, -56.6, 0.0, 1.2);
(-63.6, -63.6, 0.0, 1.2);	(-70.7, -70.7, 0.0, 1.2);
(77.8, 63.6, 0.0, 1.2);	(70.7, 56.6, 0.0, 1.2);
(63.6, 49.5, 0.0, 1.2);	(56.6, 42.4, 0.0, 1.2);
(49.5, 35.4, 0.0, 1.2);	(42.4, 28.3, 0.0, 1.2);
(35.4, 21.2, 0.0, 1.2);	(28.3, 14.1, 0.0, 1.2);
(24.8, 10.6, 0.0, 1.2);	(21.2, 7.1, 0.0, 1.2);
(19.1, 4.9, 0.0, 1.2);	(17.7, 3.5, 0.0, 1.2);
(16.3, 2.1, 0.0, 1.2);	(14.9, 0.7, 0.0, 1.2);
(13.4, -0.7, 0.0, 1.2);	(0.7, -13.4, 0.0, 1.2);
(-0.7, -14.9, 0.0, 1.2);	(-2.1, -16.3, 0.0, 1.2);
(-3.5, -17.7, 0.0, 1.2);	(-4.9, -19.1, 0.0, 1.2);
(-7.1, -21.2, 0.0, 1.2);	(-10.6, -24.8, 0.0, 1.2);
(-14.1, -28.3, 0.0, 1.2);	(-21.2, -35.4, 0.0, 1.2);
(-28.3, -42.4, 0.0, 1.2);	(-35.4, -49.5, 0.0, 1.2);
(-42.4, -56.6, 0.0, 1.2);	(-49.5, -63.6, 0.0, 1.2);
(-56.6, -70.7, 0.0, 1.2);	(-63.6, -77.8, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(84.8, 56.6, 0.0, 1.2);	(77.8, 49.5, 0.0, 1.2);
(70.7, 42.4, 0.0, 1.2);	(63.6, 35.4, 0.0, 1.2);
(56.6, 28.3, 0.0, 1.2);	(49.5, 21.2, 0.0, 1.2);
(42.4, 14.1, 0.0, 1.2);	(35.4, 7.1, 0.0, 1.2);
(31.8, 3.5, 0.0, 1.2);	(28.3, 0.0, 0.0, 1.2);
(26.2, -2.1, 0.0, 1.2);	(24.8, -3.5, 0.0, 1.2);
(23.3, -4.9, 0.0, 1.2);	(21.9, -6.4, 0.0, 1.2);
(20.5, -7.8, 0.0, 1.2);	(7.8, -20.5, 0.0, 1.2);
(6.4, -21.9, 0.0, 1.2);	(4.9, -23.3, 0.0, 1.2);
(3.5, -24.8, 0.0, 1.2);	(2.1, -26.2, 0.0, 1.2);
(0.0, -28.3, 0.0, 1.2);	(-3.5, -31.8, 0.0, 1.2);
(-7.1, -35.4, 0.0, 1.2);	(-14.1, -42.4, 0.0, 1.2);
(-21.2, -49.5, 0.0, 1.2);	(-28.3, -56.6, 0.0, 1.2);
(-35.4, -63.6, 0.0, 1.2);	(-42.4, -70.7, 0.0, 1.2);
(-49.5, -77.8, 0.0, 1.2);	(-56.6, -84.8, 0.0, 1.2);
(91.9, 49.5, 0.0, 1.2);	(84.8, 42.4, 0.0, 1.2);
(77.8, 35.4, 0.0, 1.2);	(70.7, 28.3, 0.0, 1.2);
(63.6, 21.2, 0.0, 1.2);	(56.6, 14.1, 0.0, 1.2);
(49.5, 7.1, 0.0, 1.2);	(42.4, 0.0, 0.0, 1.2);

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

(38.9, -3.5, 0.0, 1.2);	(-35.4, -7.1, 0.0, 1.2);
(33.2, -9.2, 0.0, 1.2);	(31.8, -10.6, 0.0, 1.2);
(30.4, -12.0, 0.0, 1.2);	(29.0, -13.4, 0.0, 1.2);
(27.6, -14.9, 0.0, 1.2);	(14.9, -27.6, 0.0, 1.2);
(13.4, -29.0, 0.0, 1.2);	(12.0, -30.4, 0.0, 1.2);
(10.6, -31.8, 0.0, 1.2);	(9.2, -33.2, 0.0, 1.2);
(7.1, -35.4, 0.0, 1.2);	(3.5, -38.9, 0.0, 1.2);
(0.0, -42.4, 0.0, 1.2);	(-7.1, -49.5, 0.0, 1.2);
(-14.1, -56.6, 0.0, 1.2);	(-21.2, -63.6, 0.0, 1.2);
(-28.3, -70.7, 0.0, 1.2);	(-35.4, -77.8, 0.0, 1.2);
(-42.4, -84.8, 0.0, 1.2);	(-49.5, -91.9, 0.0, 1.2);
(99.0, 42.4, 0.0, 1.2);	(91.9, 35.4, 0.0, 1.2);
(84.8, 28.3, 0.0, 1.2);	(77.8, 21.2, 0.0, 1.2);
(70.7, 14.1, 0.0, 1.2);	(63.6, 7.1, 0.0, 1.2);
(56.6, 0.0, 0.0, 1.2);	(49.5, -7.1, 0.0, 1.2);
(46.0, -10.6, 0.0, 1.2);	(42.4, -14.1, 0.0, 1.2);
(40.3, -16.3, 0.0, 1.2);	(38.9, -17.7, 0.0, 1.2);
(37.5, -19.1, 0.0, 1.2);	(36.1, -20.5, 0.0, 1.2);
(34.7, -21.9, 0.0, 1.2);	(21.9, -34.7, 0.0, 1.2);
(20.5, -36.1, 0.0, 1.2);	(19.1, -37.5, 0.0, 1.2);
(17.7, -38.9, 0.0, 1.2);	(16.3, -40.3, 0.0, 1.2);
(14.1, -42.4, 0.0, 1.2);	(10.6, -46.0, 0.0, 1.2);
(7.1, -49.5, 0.0, 1.2);	(0.0, -56.6, 0.0, 1.2);
(-7.1, -63.6, 0.0, 1.2);	(-14.1, -70.7, 0.0, 1.2);
(-21.2, -77.8, 0.0, 1.2);	(-28.3, -84.8, 0.0, 1.2);
(-35.4, -91.9, 0.0, 1.2);	(-42.4, -99.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(106.1, 35.4, 0.0, 1.2);	(99.0, 28.3, 0.0, 1.2);
(91.9, 21.2, 0.0, 1.2);	(84.8, 14.1, 0.0, 1.2);
(77.8, 7.1, 0.0, 1.2);	(70.7, 0.0, 0.0, 1.2);
(63.6, -7.1, 0.0, 1.2);	(56.6, -14.1, 0.0, 1.2);
(53.0, -17.7, 0.0, 1.2);	(49.5, -21.2, 0.0, 1.2);
(47.4, -23.3, 0.0, 1.2);	(46.0, -24.8, 0.0, 1.2);
(44.5, -26.2, 0.0, 1.2);	(43.1, -27.6, 0.0, 1.2);
(41.7, -29.0, 0.0, 1.2);	(29.0, -41.7, 0.0, 1.2);
(27.6, -43.1, 0.0, 1.2);	(26.2, -44.5, 0.0, 1.2);
(24.8, -46.0, 0.0, 1.2);	(23.3, -47.4, 0.0, 1.2);
(21.2, -49.5, 0.0, 1.2);	(17.7, -53.0, 0.0, 1.2);

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

(14.1, -56.6, 0.0, 1.2);	(7.1, -63.6, 0.0, 1.2);
(0.0, -70.7, 0.0, 1.2);	(-7.1, -77.8, 0.0, 1.2);
(-14.1, -84.8, 0.0, 1.2);	(-21.2, -91.9, 0.0, 1.2);
(-28.3, -99.0, 0.0, 1.2);	(-35.4, -106.1, 0.0, 1.2);
(113.1, 28.3, 0.0, 1.2);	(106.1, 21.2, 0.0, 1.2);
(99.0, 14.1, 0.0, 1.2);	(91.9, 7.1, 0.0, 1.2);
(84.8, 0.0, 0.0, 1.2);	(77.8, -7.1, 0.0, 1.2);
(70.7, -14.1, 0.0, 1.2);	(63.6, -21.2, 0.0, 1.2);
(60.1, -24.8, 0.0, 1.2);	(56.6, -28.3, 0.0, 1.2);
(54.5, -30.4, 0.0, 1.2);	(53.0, -31.8, 0.0, 1.2);
(51.6, -33.2, 0.0, 1.2);	(50.2, -34.7, 0.0, 1.2);
(48.8, -36.1, 0.0, 1.2);	(36.1, -48.8, 0.0, 1.2);
(34.7, -50.2, 0.0, 1.2);	(33.2, -51.6, 0.0, 1.2);
(31.8, -53.0, 0.0, 1.2);	(30.4, -54.5, 0.0, 1.2);
(28.3, -56.6, 0.0, 1.2);	(24.8, -60.1, 0.0, 1.2);
(21.2, -63.6, 0.0, 1.2);	(14.1, -70.7, 0.0, 1.2);
(7.1, -77.8, 0.0, 1.2);	(0.0, -84.8, 0.0, 1.2);
(-7.1, -91.9, 0.0, 1.2);	(-14.1, -99.0, 0.0, 1.2);
(-21.2, -106.1, 0.0, 1.2);	(-28.3, -113.1, 0.0, 1.2);
(120.2, 21.2, 0.0, 1.2);	(113.1, 14.1, 0.0, 1.2);
(106.1, 7.1, 0.0, 1.2);	(99.0, 0.0, 0.0, 1.2);
(91.9, -7.1, 0.0, 1.2);	(84.8, -14.1, 0.0, 1.2);
(77.8, -21.2, 0.0, 1.2);	(70.7, -28.3, 0.0, 1.2);
(67.2, -31.8, 0.0, 1.2);	(63.6, -35.4, 0.0, 1.2);
(61.5, -37.5, 0.0, 1.2);	(60.1, -38.9, 0.0, 1.2);
(58.7, -40.3, 0.0, 1.2);	(57.3, -41.7, 0.0, 1.2);
(55.9, -43.1, 0.0, 1.2);	(43.1, -55.9, 0.0, 1.2);
(41.7, -57.3, 0.0, 1.2);	(40.3, -58.7, 0.0, 1.2);
(38.9, -60.1, 0.0, 1.2);	(37.5, -61.5, 0.0, 1.2);
(35.4, -63.6, 0.0, 1.2);	(31.8, -67.2, 0.0, 1.2);
(28.3, -70.7, 0.0, 1.2);	(21.2, -77.8, 0.0, 1.2);
(14.1, -84.8, 0.0, 1.2);	(7.1, -91.9, 0.0, 1.2);
(0.0, -99.0, 0.0, 1.2);	(-7.1, -106.1, 0.0, 1.2);
(-14.1, -113.1, 0.0, 1.2);	(-21.2, -120.2, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(127.3, 14.1, 0.0, 1.2);	(120.2, 7.1, 0.0, 1.2);
(113.1, 0.0, 0.0, 1.2);	(106.1, -7.1, 0.0, 1.2);
(99.0, -14.1, 0.0, 1.2);	(91.9, -21.2, 0.0, 1.2);

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

(84.8, -28.3, 0.0, 1.2);	(77.8, -35.4, 0.0, 1.2);
(74.2, -38.9, 0.0, 1.2);	(70.7, -42.4, 0.0, 1.2);
(68.6, -44.5, 0.0, 1.2);	(67.2, -46.0, 0.0, 1.2);
(65.8, -47.4, 0.0, 1.2);	(64.3, -48.8, 0.0, 1.2);
(62.9, -50.2, 0.0, 1.2);	(50.2, -62.9, 0.0, 1.2);
(48.8, -64.3, 0.0, 1.2);	(47.4, -65.8, 0.0, 1.2);
(46.0, -67.2, 0.0, 1.2);	(44.5, -68.6, 0.0, 1.2);
(42.4, -70.7, 0.0, 1.2);	(38.9, -74.2, 0.0, 1.2);
(35.4, -77.8, 0.0, 1.2);	(28.3, -84.8, 0.0, 1.2);
(21.2, -91.9, 0.0, 1.2);	(14.1, -99.0, 0.0, 1.2);
(7.1, -106.1, 0.0, 1.2);	(0.0, -113.1, 0.0, 1.2);
(-7.1, -120.2, 0.0, 1.2);	(-14.1, -127.3, 0.0, 1.2);
(134.4, 7.1, 0.0, 1.2);	(127.3, 0.0, 0.0, 1.2);
(120.2, -7.1, 0.0, 1.2);	(113.1, -14.1, 0.0, 1.2);
(106.1, -21.2, 0.0, 1.2);	(99.0, -28.3, 0.0, 1.2);
(91.9, -35.4, 0.0, 1.2);	(84.8, -42.4, 0.0, 1.2);
(81.3, -46.0, 0.0, 1.2);	(77.8, -49.5, 0.0, 1.2);
(75.7, -51.6, 0.0, 1.2);	(74.2, -53.0, 0.0, 1.2);
(72.8, -54.5, 0.0, 1.2);	(71.4, -55.9, 0.0, 1.2);
(70.0, -57.3, 0.0, 1.2);	(57.3, -70.0, 0.0, 1.2);
(55.9, -71.4, 0.0, 1.2);	(54.5, -72.8, 0.0, 1.2);
(53.0, -74.2, 0.0, 1.2);	(51.6, -75.7, 0.0, 1.2);
(49.5, -77.8, 0.0, 1.2);	(46.0, -81.3, 0.0, 1.2);
(42.4, -84.8, 0.0, 1.2);	(35.4, -91.9, 0.0, 1.2);
(28.3, -99.0, 0.0, 1.2);	(21.2, -106.1, 0.0, 1.2);
(14.1, -113.1, 0.0, 1.2);	(7.1, -120.2, 0.0, 1.2);
(0.0, -127.3, 0.0, 1.2);	(-7.1, -134.4, 0.0, 1.2);
(141.4, 0.0, 0.0, 1.2);	(134.4, -7.1, 0.0, 1.2);
(127.3, -14.1, 0.0, 1.2);	(120.2, -21.2, 0.0, 1.2);
(113.1, -28.3, 0.0, 1.2);	(106.1, -35.4, 0.0, 1.2);
(99.0, -42.4, 0.0, 1.2);	(91.9, -49.5, 0.0, 1.2);
(88.4, -53.0, 0.0, 1.2);	(84.8, -56.6, 0.0, 1.2);
(82.7, -58.7, 0.0, 1.2);	(81.3, -60.1, 0.0, 1.2);
(79.9, -61.5, 0.0, 1.2);	(78.5, -62.9, 0.0, 1.2);
(77.1, -64.3, 0.0, 1.2);	(64.3, -77.1, 0.0, 1.2);
(62.9, -78.5, 0.0, 1.2);	(61.5, -79.9, 0.0, 1.2);
(60.1, -81.3, 0.0, 1.2);	(58.7, -82.7, 0.0, 1.2);
(56.6, -84.8, 0.0, 1.2);	(53.0, -88.4, 0.0, 1.2);
(49.5, -91.9, 0.0, 1.2);	(42.4, -99.0, 0.0, 1.2);
(35.4, -106.1, 0.0, 1.2);	(28.3, -113.1, 0.0, 1.2);
(21.2, -120.2, 0.0, 1.2);	(14.1, -127.3, 0.0, 1.2);
(7.1, -134.4, 0.0, 1.2);	(0.0, -141.4, 0.0, 1.2);

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(148.5, -7.1, 0.0, 1.2);	(141.4, -14.1, 0.0, 1.2);
(134.4, -21.2, 0.0, 1.2);	(127.3, -28.3, 0.0, 1.2);
(120.2, -35.4, 0.0, 1.2);	(113.1, -42.4, 0.0, 1.2);
(106.1, -49.5, 0.0, 1.2);	(99.0, -56.6, 0.0, 1.2);
(95.5, -60.1, 0.0, 1.2);	(91.9, -63.6, 0.0, 1.2);
(89.8, -65.8, 0.0, 1.2);	(88.4, -67.2, 0.0, 1.2);
(87.0, -68.6, 0.0, 1.2);	(85.6, -70.0, 0.0, 1.2);
(84.2, -71.4, 0.0, 1.2);	(71.4, -84.2, 0.0, 1.2);
(70.0, -85.6, 0.0, 1.2);	(68.6, -87.0, 0.0, 1.2);
(67.2, -88.4, 0.0, 1.2);	(65.8, -89.8, 0.0, 1.2);
(63.6, -91.9, 0.0, 1.2);	(60.1, -95.5, 0.0, 1.2);
(56.6, -99.0, 0.0, 1.2);	(49.5, -106.1, 0.0, 1.2);
(42.4, -113.1, 0.0, 1.2);	(35.4, -120.2, 0.0, 1.2);
(28.3, -127.3, 0.0, 1.2);	(21.2, -134.4, 0.0, 1.2);
(14.1, -141.4, 0.0, 1.2);	(7.1, -148.5, 0.0, 1.2);
(155.6, -14.1, 0.0, 1.2);	(148.5, -21.2, 0.0, 1.2);
(141.4, -28.3, 0.0, 1.2);	(134.4, -35.4, 0.0, 1.2);
(127.3, -42.4, 0.0, 1.2);	(120.2, -49.5, 0.0, 1.2);
(113.1, -56.6, 0.0, 1.2);	(106.1, -63.6, 0.0, 1.2);
(102.5, -67.2, 0.0, 1.2);	(99.0, -70.7, 0.0, 1.2);
(96.9, -72.8, 0.0, 1.2);	(95.5, -74.2, 0.0, 1.2);
(94.1, -75.7, 0.0, 1.2);	(92.6, -77.1, 0.0, 1.2);
(91.2, -78.5, 0.0, 1.2);	(78.5, -91.2, 0.0, 1.2);
(77.1, -92.6, 0.0, 1.2);	(75.7, -94.1, 0.0, 1.2);
(74.2, -95.5, 0.0, 1.2);	(72.8, -96.9, 0.0, 1.2);
(70.7, -99.0, 0.0, 1.2);	(67.2, -102.5, 0.0, 1.2);
(63.6, -106.1, 0.0, 1.2);	(56.6, -113.1, 0.0, 1.2);
(49.5, -120.2, 0.0, 1.2);	(42.4, -127.3, 0.0, 1.2);
(35.4, -134.4, 0.0, 1.2);	(28.3, -141.4, 0.0, 1.2);
(21.2, -148.5, 0.0, 1.2);	(14.1, -155.6, 0.0, 1.2);
(162.6, -21.2, 0.0, 1.2);	(155.6, -28.3, 0.0, 1.2);
(148.5, -35.4, 0.0, 1.2);	(141.4, -42.4, 0.0, 1.2);
(134.4, -49.5, 0.0, 1.2);	(127.3, -56.6, 0.0, 1.2);
(120.2, -63.6, 0.0, 1.2);	(113.1, -70.7, 0.0, 1.2);
(109.6, -74.2, 0.0, 1.2);	(106.1, -77.8, 0.0, 1.2);
(103.9, -79.9, 0.0, 1.2);	(102.5, -81.3, 0.0, 1.2);
(101.1, -82.7, 0.0, 1.2);	(99.7, -84.2, 0.0, 1.2);
(98.3, -85.6, 0.0, 1.2);	(85.6, -98.3, 0.0, 1.2);
(84.2, -99.7, 0.0, 1.2);	(82.7, -101.1, 0.0, 1.2);

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

(81.3,	-102.5,	0.0,	1.2);	(79.9,	-103.9,	0.0,	1.2);
(77.8,	-106.1,	0.0,	1.2);	(74.2,	-109.6,	0.0,	1.2);
(70.7,	-113.1,	0.0,	1.2);	(63.6,	-120.2,	0.0,	1.2);
(56.6,	-127.3,	0.0,	1.2);	(49.5,	-134.4,	0.0,	1.2);
(42.4,	-141.4,	0.0,	1.2);	(35.4,	-148.5,	0.0,	1.2);
(28.3,	-155.6,	0.0,	1.2);	(21.2,	-162.6,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(169.7,	-28.3,	0.0,	1.2);	(162.6,	-35.4,	0.0,	1.2);
(155.6,	-42.4,	0.0,	1.2);	(148.5,	-49.5,	0.0,	1.2);
(141.4,	-56.6,	0.0,	1.2);	(134.4,	-63.6,	0.0,	1.2);
(127.3,	-70.7,	0.0,	1.2);	(120.2,	-77.8,	0.0,	1.2);
(116.7,	-81.3,	0.0,	1.2);	(113.1,	-84.8,	0.0,	1.2);
(111.0,	-87.0,	0.0,	1.2);	(109.6,	-88.4,	0.0,	1.2);
(108.2,	-89.8,	0.0,	1.2);	(106.8,	-91.2,	0.0,	1.2);
(105.4,	-92.6,	0.0,	1.2);	(92.6,	-105.4,	0.0,	1.2);
(91.2,	-106.8,	0.0,	1.2);	(89.8,	-108.2,	0.0,	1.2);
(88.4,	-109.6,	0.0,	1.2);	(87.0,	-111.0,	0.0,	1.2);
(84.8,	-113.1,	0.0,	1.2);	(81.3,	-116.7,	0.0,	1.2);
(77.8,	-120.2,	0.0,	1.2);	(70.7,	-127.3,	0.0,	1.2);
(63.6,	-134.4,	0.0,	1.2);	(56.6,	-141.4,	0.0,	1.2);
(49.5,	-148.5,	0.0,	1.2);	(42.4,	-155.6,	0.0,	1.2);
(35.4,	-162.6,	0.0,	1.2);	(28.3,	-169.7,	0.0,	1.2);
(176.8,	-35.4,	0.0,	1.2);	(169.7,	-42.4,	0.0,	1.2);
(162.6,	-49.5,	0.0,	1.2);	(155.6,	-56.6,	0.0,	1.2);
(148.5,	-63.6,	0.0,	1.2);	(141.4,	-70.7,	0.0,	1.2);
(134.4,	-77.8,	0.0,	1.2);	(127.3,	-84.8,	0.0,	1.2);
(123.7,	-88.4,	0.0,	1.2);	(120.2,	-91.9,	0.0,	1.2);
(118.1,	-94.1,	0.0,	1.2);	(116.7,	-95.5,	0.0,	1.2);
(115.3,	-96.9,	0.0,	1.2);	(113.8,	-98.3,	0.0,	1.2);
(112.4,	-99.7,	0.0,	1.2);	(99.7,	-112.4,	0.0,	1.2);
(98.3,	-113.8,	0.0,	1.2);	(96.9,	-115.3,	0.0,	1.2);
(95.5,	-116.7,	0.0,	1.2);	(94.1,	-118.1,	0.0,	1.2);
(91.9,	-120.2,	0.0,	1.2);	(88.4,	-123.7,	0.0,	1.2);
(84.8,	-127.3,	0.0,	1.2);	(77.8,	-134.4,	0.0,	1.2);
(70.7,	-141.4,	0.0,	1.2);	(63.6,	-148.5,	0.0,	1.2);
(56.6,	-155.6,	0.0,	1.2);	(49.5,	-162.6,	0.0,	1.2);
(42.4,	-169.7,	0.0,	1.2);	(35.4,	-176.8,	0.0,	1.2);
(183.9,	-42.4,	0.0,	1.2);	(176.8,	-49.5,	0.0,	1.2);

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

(169.7,	-56.6,	0.0,	1.2);	(162.6,	-63.6,	0.0,	1.2);
(155.6,	-70.7,	0.0,	1.2);	(148.5,	-77.8,	0.0,	1.2);
(141.4,	-84.8,	0.0,	1.2);	(134.4,	-91.9,	0.0,	1.2);
(130.8,	-95.5,	0.0,	1.2);	(127.3,	-99.0,	0.0,	1.2);
(125.2,	-101.1,	0.0,	1.2);	(123.7,	-102.5,	0.0,	1.2);
(122.3,	-103.9,	0.0,	1.2);	(120.9,	-105.4,	0.0,	1.2);
(119.5,	-106.8,	0.0,	1.2);	(106.8,	-119.5,	0.0,	1.2);
(105.4,	-120.9,	0.0,	1.2);	(103.9,	-122.3,	0.0,	1.2);
(102.5,	-123.7,	0.0,	1.2);	(101.1,	-125.2,	0.0,	1.2);
(99.0,	-127.3,	0.0,	1.2);	(95.5,	-130.8,	0.0,	1.2);
(91.9,	-134.4,	0.0,	1.2);	(84.8,	-141.4,	0.0,	1.2);
(77.8,	-148.5,	0.0,	1.2);	(70.7,	-155.6,	0.0,	1.2);
(63.6,	-162.6,	0.0,	1.2);	(56.6,	-169.7,	0.0,	1.2);
(49.5,	-176.8,	0.0,	1.2);	(42.4,	-183.9,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(190.9,	-49.5,	0.0,	1.2);	(183.9,	-56.6,	0.0,	1.2);
(176.8,	-63.6,	0.0,	1.2);	(169.7,	-70.7,	0.0,	1.2);
(162.6,	-77.8,	0.0,	1.2);	(155.6,	-84.8,	0.0,	1.2);
(148.5,	-91.9,	0.0,	1.2);	(141.4,	-99.0,	0.0,	1.2);
(137.9,	-102.5,	0.0,	1.2);	(134.4,	-106.1,	0.0,	1.2);
(132.2,	-108.2,	0.0,	1.2);	(130.8,	-109.6,	0.0,	1.2);
(129.4,	-111.0,	0.0,	1.2);	(128.0,	-112.4,	0.0,	1.2);
(126.6,	-113.8,	0.0,	1.2);	(113.8,	-126.6,	0.0,	1.2);
(112.4,	-128.0,	0.0,	1.2);	(111.0,	-129.4,	0.0,	1.2);
(109.6,	-130.8,	0.0,	1.2);	(108.2,	-132.2,	0.0,	1.2);
(106.1,	-134.4,	0.0,	1.2);	(102.5,	-137.9,	0.0,	1.2);
(99.0,	-141.4,	0.0,	1.2);	(91.9,	-148.5,	0.0,	1.2);
(84.8,	-155.6,	0.0,	1.2);	(77.8,	-162.6,	0.0,	1.2);
(70.7,	-169.7,	0.0,	1.2);	(63.6,	-176.8,	0.0,	1.2);
(56.6,	-183.9,	0.0,	1.2);	(49.5,	-190.9,	0.0,	1.2);
(198.0,	-56.6,	0.0,	1.2);	(190.9,	-63.6,	0.0,	1.2);
(183.9,	-70.7,	0.0,	1.2);	(176.8,	-77.8,	0.0,	1.2);
(169.7,	-84.8,	0.0,	1.2);	(162.6,	-91.9,	0.0,	1.2);
(155.6,	-99.0,	0.0,	1.2);	(148.5,	-106.1,	0.0,	1.2);
(145.0,	-109.6,	0.0,	1.2);	(141.4,	-113.1,	0.0,	1.2);
(139.3,	-115.3,	0.0,	1.2);	(137.9,	-116.7,	0.0,	1.2);
(136.5,	-118.1,	0.0,	1.2);	(135.1,	-119.5,	0.0,	1.2);
(133.6,	-120.9,	0.0,	1.2);	(120.9,	-133.6,	0.0,	1.2);

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

(119.5, -135.1, 0.0, 1.2);	(118.1, -136.5, 0.0, 1.2);
(116.7, -137.9, 0.0, 1.2);	(115.3, -139.3, 0.0, 1.2);
(113.1, -141.4, 0.0, 1.2);	(109.6, -145.0, 0.0, 1.2);
(106.1, -148.5, 0.0, 1.2);	(99.0, -155.6, 0.0, 1.2);
(91.9, -162.6, 0.0, 1.2);	(84.8, -169.7, 0.0, 1.2);
(77.8, -176.8, 0.0, 1.2);	(70.7, -183.9, 0.0, 1.2);
(63.6, -190.9, 0.0, 1.2);	(56.6, -198.0, 0.0, 1.2);
(205.1, -63.6, 0.0, 1.2);	(198.0, -70.7, 0.0, 1.2);
(190.9, -77.8, 0.0, 1.2);	(183.9, -84.8, 0.0, 1.2);
(176.8, -91.9, 0.0, 1.2);	(169.7, -99.0, 0.0, 1.2);
(162.6, -106.1, 0.0, 1.2);	(155.6, -113.1, 0.0, 1.2);
(152.0, -116.7, 0.0, 1.2);	(148.5, -120.2, 0.0, 1.2);
(146.4, -122.3, 0.0, 1.2);	(145.0, -123.7, 0.0, 1.2);
(143.5, -125.2, 0.0, 1.2);	(142.1, -126.6, 0.0, 1.2);
(140.7, -128.0, 0.0, 1.2);	(128.0, -140.7, 0.0, 1.2);
(126.6, -142.1, 0.0, 1.2);	(125.2, -143.5, 0.0, 1.2);
(123.7, -145.0, 0.0, 1.2);	(122.3, -146.4, 0.0, 1.2);
(120.2, -148.5, 0.0, 1.2);	(116.7, -152.0, 0.0, 1.2);
(113.1, -155.6, 0.0, 1.2);	(106.1, -162.6, 0.0, 1.2);
(99.0, -169.7, 0.0, 1.2);	(91.9, -176.8, 0.0, 1.2);
(84.8, -183.9, 0.0, 1.2);	(77.8, -190.9, 0.0, 1.2);
(70.7, -198.0, 0.0, 1.2);	(63.6, -205.1, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:55:26

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(212.1, -70.7, 0.0, 1.2);	(205.1, -77.8, 0.0, 1.2);
(198.0, -84.8, 0.0, 1.2);	(190.9, -91.9, 0.0, 1.2);
(183.9, -99.0, 0.0, 1.2);	(176.8, -106.1, 0.0, 1.2);
(169.7, -113.1, 0.0, 1.2);	(162.6, -120.2, 0.0, 1.2);
(159.1, -123.7, 0.0, 1.2);	(155.6, -127.3, 0.0, 1.2);
(153.4, -129.4, 0.0, 1.2);	(152.0, -130.8, 0.0, 1.2);
(150.6, -132.2, 0.0, 1.2);	(149.2, -133.6, 0.0, 1.2);
(147.8, -135.1, 0.0, 1.2);	(135.1, -147.8, 0.0, 1.2);
(133.6, -149.2, 0.0, 1.2);	(132.2, -150.6, 0.0, 1.2);
(130.8, -152.0, 0.0, 1.2);	(129.4, -153.4, 0.0, 1.2);
(127.3, -155.6, 0.0, 1.2);	(123.7, -159.1, 0.0, 1.2);
(120.2, -162.6, 0.0, 1.2);	(113.1, -169.7, 0.0, 1.2);
(106.1, -176.8, 0.0, 1.2);	(99.0, -183.9, 0.0, 1.2);
(91.9, -190.9, 0.0, 1.2);	(84.8, -198.0, 0.0, 1.2);
(77.8, -205.1, 0.0, 1.2);	(70.7, -212.1, 0.0, 1.2);

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

(219.2, -77.8, 0.0, 1.2);	(212.1, -84.8, 0.0, 1.2);
(205.1, -91.9, 0.0, 1.2);	(198.0, -99.0, 0.0, 1.2);
(190.9, -106.1, 0.0, 1.2);	(183.9, -113.1, 0.0, 1.2);
(176.8, -120.2, 0.0, 1.2);	(169.7, -127.3, 0.0, 1.2);
(166.2, -130.8, 0.0, 1.2);	(162.6, -134.4, 0.0, 1.2);
(160.5, -136.5, 0.0, 1.2);	(159.1, -137.9, 0.0, 1.2);
(157.7, -139.3, 0.0, 1.2);	(156.3, -140.7, 0.0, 1.2);
(154.9, -142.1, 0.0, 1.2);	(142.1, -154.9, 0.0, 1.2);
(140.7, -156.3, 0.0, 1.2);	(139.3, -157.7, 0.0, 1.2);
(137.9, -159.1, 0.0, 1.2);	(136.5, -160.5, 0.0, 1.2);
(134.4, -162.6, 0.0, 1.2);	(130.8, -166.2, 0.0, 1.2);
(127.3, -169.7, 0.0, 1.2);	(120.2, -176.8, 0.0, 1.2);
(113.1, -183.9, 0.0, 1.2);	(106.1, -190.9, 0.0, 1.2);
(99.0, -198.0, 0.0, 1.2);	(91.9, -205.1, 0.0, 1.2);
(84.8, -212.1, 0.0, 1.2);	(77.8, -219.2, 0.0, 1.2);
(226.3, -84.8, 0.0, 1.2);	(219.2, -91.9, 0.0, 1.2);
(212.1, -99.0, 0.0, 1.2);	(205.1, -106.1, 0.0, 1.2);
(198.0, -113.1, 0.0, 1.2);	(190.9, -120.2, 0.0, 1.2);
(183.9, -127.3, 0.0, 1.2);	(176.8, -134.4, 0.0, 1.2);
(173.2, -137.9, 0.0, 1.2);	(169.7, -141.4, 0.0, 1.2);
(167.6, -143.5, 0.0, 1.2);	(166.2, -145.0, 0.0, 1.2);
(164.8, -146.4, 0.0, 1.2);	(163.3, -147.8, 0.0, 1.2);
(161.9, -149.2, 0.0, 1.2);	(149.2, -161.9, 0.0, 1.2);
(147.8, -163.3, 0.0, 1.2);	(146.4, -164.8, 0.0, 1.2);
(145.0, -166.2, 0.0, 1.2);	(143.5, -167.6, 0.0, 1.2);
(141.4, -169.7, 0.0, 1.2);	(137.9, -173.2, 0.0, 1.2);
(134.4, -176.8, 0.0, 1.2);	(127.3, -183.9, 0.0, 1.2);
(120.2, -190.9, 0.0, 1.2);	(113.1, -198.0, 0.0, 1.2);
(106.1, -205.1, 0.0, 1.2);	(99.0, -212.1, 0.0, 1.2);
(91.9, -219.2, 0.0, 1.2);	(84.8, -226.3, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(233.4, -91.9, 0.0, 1.2);	(226.3, -99.0, 0.0, 1.2);
(219.2, -106.1, 0.0, 1.2);	(212.1, -113.1, 0.0, 1.2);
(205.1, -120.2, 0.0, 1.2);	(198.0, -127.3, 0.0, 1.2);
(190.9, -134.4, 0.0, 1.2);	(183.9, -141.4, 0.0, 1.2);
(180.3, -145.0, 0.0, 1.2);	(176.8, -148.5, 0.0, 1.2);
(174.7, -150.6, 0.0, 1.2);	(173.2, -152.0, 0.0, 1.2);
(171.8, -153.4, 0.0, 1.2);	(170.4, -154.9, 0.0, 1.2);

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

(169.0, -156.3, 0.0, 1.2);	(-156.3, -169.0, 0.0, 1.2);
(154.9, -170.4, 0.0, 1.2);	(153.4, -171.8, 0.0, 1.2);
(152.0, -173.2, 0.0, 1.2);	(150.6, -174.7, 0.0, 1.2);
(148.5, -176.8, 0.0, 1.2);	(145.0, -180.3, 0.0, 1.2);
(141.4, -183.9, 0.0, 1.2);	(134.4, -190.9, 0.0, 1.2);
(127.3, -198.0, 0.0, 1.2);	(120.2, -205.1, 0.0, 1.2);
(113.1, -212.1, 0.0, 1.2);	(106.1, -219.2, 0.0, 1.2);
(99.0, -226.3, 0.0, 1.2);	(91.9, -233.4, 0.0, 1.2);
(240.4, -99.0, 0.0, 1.2);	(233.4, -106.1, 0.0, 1.2);
(226.3, -113.1, 0.0, 1.2);	(219.2, -120.2, 0.0, 1.2);
(212.1, -127.3, 0.0, 1.2);	(205.1, -134.4, 0.0, 1.2);
(198.0, -141.4, 0.0, 1.2);	(190.9, -148.5, 0.0, 1.2);
(187.4, -152.0, 0.0, 1.2);	(183.9, -155.6, 0.0, 1.2);
(181.7, -157.7, 0.0, 1.2);	(180.3, -159.1, 0.0, 1.2);
(178.9, -160.5, 0.0, 1.2);	(177.5, -161.9, 0.0, 1.2);
(176.1, -163.3, 0.0, 1.2);	(163.3, -176.1, 0.0, 1.2);
(161.9, -177.5, 0.0, 1.2);	(160.5, -178.9, 0.0, 1.2);
(159.1, -180.3, 0.0, 1.2);	(157.7, -181.7, 0.0, 1.2);
(155.6, -183.9, 0.0, 1.2);	(152.0, -187.4, 0.0, 1.2);
(148.5, -190.9, 0.0, 1.2);	(141.4, -198.0, 0.0, 1.2);
(134.4, -205.1, 0.0, 1.2);	(127.3, -212.1, 0.0, 1.2);
(120.2, -219.2, 0.0, 1.2);	(113.1, -226.3, 0.0, 1.2);
(106.1, -233.4, 0.0, 1.2);	(99.0, -240.4, 0.0, 1.2);
(247.5, -106.1, 0.0, 1.2);	(240.4, -113.1, 0.0, 1.2);
(233.4, -120.2, 0.0, 1.2);	(226.3, -127.3, 0.0, 1.2);
(219.2, -134.4, 0.0, 1.2);	(212.1, -141.4, 0.0, 1.2);
(205.1, -148.5, 0.0, 1.2);	(198.0, -155.6, 0.0, 1.2);
(194.4, -159.1, 0.0, 1.2);	(190.9, -162.6, 0.0, 1.2);
(188.8, -164.8, 0.0, 1.2);	(187.4, -166.2, 0.0, 1.2);
(186.0, -167.6, 0.0, 1.2);	(184.6, -169.0, 0.0, 1.2);
(183.1, -170.4, 0.0, 1.2);	(170.4, -183.1, 0.0, 1.2);
(169.0, -184.6, 0.0, 1.2);	(167.6, -186.0, 0.0, 1.2);
(166.2, -187.4, 0.0, 1.2);	(164.8, -188.8, 0.0, 1.2);
(162.6, -190.9, 0.0, 1.2);	(159.1, -194.4, 0.0, 1.2);
(155.6, -198.0, 0.0, 1.2);	(148.5, -205.1, 0.0, 1.2);
(141.4, -212.1, 0.0, 1.2);	(134.4, -219.2, 0.0, 1.2);
(127.3, -226.3, 0.0, 1.2);	(120.2, -233.4, 0.0, 1.2);
(113.1, -240.4, 0.0, 1.2);	(106.1, -247.5, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
 (1=YES; 0=NO)

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
00	01	01	01	182.9	1.52	279.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	02	210.0	1.65	278.7	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	03	199.7	1.34	278.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	04	201.1	1.21	279.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	05	189.9	1.00	278.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	06	231.5	1.65	278.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	07	158.6	1.65	278.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	08	205.5	1.25	277.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	09	90.3	1.00	277.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	10	197.9	1.00	279.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	11	151.5	1.43	281.1	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	12	123.0	1.21	282.2	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	13	46.8	1.70	282.9	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	14	28.8	2.19	284.3	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	15	83.0	3.80	285.7	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	16	71.2	3.08	284.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	17	93.6	3.40	284.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	18	88.3	4.16	284.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	19	117.4	2.82	283.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	20	123.8	1.70	283.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	21	248.8	1.30	279.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	22	248.5	1.12	277.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	23	253.2	1.07	276.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	24	233.2	1.43	275.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00006	-113.14	240.42	0.00006
-120.21	233.35	0.00006	-127.28	226.27	0.00006
-134.35	219.20	0.00006	-141.42	212.13	0.00005
-148.49	205.06	0.00005	-155.56	197.99	0.00005
-159.10	194.45	0.00005	-162.63	190.92	0.00005
-164.76	188.80	0.00005	-166.17	187.38	0.00005
-167.58	185.97	0.00005	-169.00	184.55	0.00005
-170.41	183.14	0.00005	-183.14	170.41	0.00005
-184.55	169.00	0.00005	-185.97	167.58	0.00005
-187.38	166.17	0.00005	-188.80	164.76	0.00004
-190.92	162.63	0.00004	-194.45	159.10	0.00004
-197.99	155.56	0.00004	-205.06	148.49	0.00004
-212.13	141.42	0.00004	-219.20	134.35	0.00004
-226.27	127.28	0.00004	-233.35	120.21	0.00004
-240.42	113.14	0.00004	-247.49	106.07	0.00004
-98.99	240.42	0.00007	-106.07	233.35	0.00007
-113.14	226.27	0.00006	-120.21	219.20	0.00006

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-127.28	212.13	0.00006	-134.35	205.06	0.00006
-141.42	197.99	0.00006	-148.49	190.92	0.00005
-152.03	187.38	0.00005	-155.56	183.85	0.00005
-157.68	181.73	0.00005	-159.10	180.31	0.00005
-160.51	178.90	0.00005	-161.93	177.48	0.00005
-163.34	176.07	0.00005	-176.07	163.34	0.00005
-177.48	161.93	0.00005	-178.90	160.51	0.00005
-180.31	159.10	0.00005	-181.73	157.68	0.00005
-183.85	155.56	0.00005	-187.38	152.03	0.00005
-190.92	148.49	0.00005	-197.99	141.42	0.00004
-205.06	134.35	0.00004	-212.13	127.28	0.00004
-219.20	120.21	0.00004	-226.27	113.14	0.00004
-233.35	106.07	0.00004	-240.42	98.99	0.00004
-91.92	233.35	0.00007	-99.00	226.27	0.00007
-106.07	219.20	0.00007	-113.14	212.13	0.00006
-120.21	205.06	0.00006	-127.28	197.99	0.00006
-134.35	190.92	0.00006	-141.42	183.85	0.00006
-144.96	180.31	0.00005	-148.49	176.78	0.00005
-150.61	174.66	0.00005	-152.03	173.24	0.00005
-153.44	171.83	0.00005	-154.86	170.41	0.00005
-156.27	169.00	0.00005	-169.00	156.27	0.00005
-170.41	154.86	0.00005	-171.83	153.44	0.00005
-173.24	152.03	0.00005	-174.66	150.61	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00005	-180.31	144.96	0.00005
-183.85	141.42	0.00005	-190.92	134.35	0.00005
-197.99	127.28	0.00004	-205.06	120.21	0.00004
-212.13	113.14	0.00004	-219.20	106.07	0.00004
-226.27	98.99	0.00004	-233.35	91.92	0.00004
-84.85	226.27	0.00008	-91.92	219.20	0.00007
-99.00	212.13	0.00007	-106.07	205.06	0.00007
-113.14	197.99	0.00007	-120.21	190.92	0.00006
-127.28	183.85	0.00006	-134.35	176.78	0.00006
-137.89	173.24	0.00006	-141.42	169.71	0.00006
-143.54	167.58	0.00006	-144.96	166.17	0.00006

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-146.37	164.76	0.00006	-147.79	163.34	0.00006
-149.20	161.93	0.00005	-161.93	149.20	0.00005
-163.34	147.79	0.00005	-164.76	146.37	0.00005
-166.17	144.96	0.00005	-167.58	143.54	0.00005
-169.71	141.42	0.00005	-173.24	137.89	0.00005
-176.78	134.35	0.00005	-183.85	127.28	0.00005
-190.92	120.21	0.00005	-197.99	113.14	0.00005
-205.06	106.07	0.00004	-212.13	98.99	0.00004
-219.20	91.92	0.00004	-226.27	84.85	0.00004
-77.78	219.20	0.00008	-84.85	212.13	0.00008
-91.92	205.06	0.00007	-99.00	197.99	0.00007
-106.07	190.92	0.00007	-113.14	183.85	0.00007
-120.21	176.78	0.00006	-127.28	169.71	0.00006
-130.81	166.17	0.00006	-134.35	162.63	0.00006
-136.47	160.51	0.00006	-137.89	159.10	0.00006
-139.30	157.68	0.00006	-140.71	156.27	0.00006
-142.13	154.86	0.00006	-154.86	142.13	0.00005
-156.27	140.71	0.00005	-157.68	139.30	0.00005
-159.10	137.89	0.00005	-160.51	136.47	0.00005
-162.63	134.35	0.00005	-166.17	130.81	0.00005
-169.71	127.28	0.00005	-176.78	120.21	0.00005
-183.85	113.14	0.00005	-190.92	106.07	0.00005
-197.99	98.99	0.00005	-205.06	91.92	0.00005
-212.13	84.85	0.00004	-219.20	77.78	0.00004
-70.71	212.13	0.00009	-77.78	205.06	0.00008
-84.85	197.99	0.00008	-91.92	190.92	0.00008
-98.99	183.85	0.00007	-106.07	176.78	0.00007
-113.14	169.71	0.00007	-120.21	162.63	0.00006
-123.74	159.10	0.00006	-127.28	155.56	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00006	-130.81	152.03	0.00006
-132.23	150.61	0.00006	-133.64	149.20	0.00006
-135.06	147.79	0.00006	-147.79	135.06	0.00006
-149.20	133.64	0.00006	-150.61	132.23	0.00006
-152.03	130.81	0.00006	-153.44	129.40	0.00006

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-155.56	127.28	0.00006	-159.10	123.74	0.00005
-162.63	120.21	0.00005	-169.71	113.14	0.00005
-176.78	106.07	0.00005	-183.85	98.99	0.00005
-190.92	91.92	0.00005	-197.99	84.85	0.00005
-205.06	77.78	0.00005	-212.13	70.71	0.00004
-63.64	205.06	0.00009	-70.71	197.99	0.00009
-77.78	190.92	0.00008	-84.85	183.85	0.00008
-91.92	176.78	0.00008	-98.99	169.71	0.00007
-106.07	162.63	0.00007	-113.14	155.56	0.00007
-116.67	152.03	0.00007	-120.21	148.49	0.00007
-122.33	146.37	0.00007	-123.74	144.96	0.00006
-125.16	143.54	0.00006	-126.57	142.13	0.00006
-127.99	140.71	0.00006	-140.71	127.99	0.00006
-142.13	126.57	0.00006	-143.54	125.16	0.00006
-144.96	123.74	0.00006	-146.37	122.33	0.00006
-148.49	120.21	0.00006	-152.03	116.67	0.00006
-155.56	113.14	0.00006	-162.63	106.07	0.00006
-169.71	98.99	0.00005	-176.78	91.92	0.00005
-183.85	84.85	0.00005	-190.92	77.78	0.00005
-197.99	70.71	0.00005	-205.06	63.64	0.00005
-56.57	197.99	0.00010	-63.64	190.92	0.00009
-70.71	183.85	0.00009	-77.78	176.78	0.00008
-84.85	169.71	0.00008	-91.92	162.63	0.00008
-98.99	155.56	0.00007	-106.07	148.49	0.00007
-109.60	144.96	0.00007	-113.14	141.42	0.00007
-115.26	139.30	0.00007	-116.67	137.89	0.00007
-118.09	136.47	0.00007	-119.50	135.06	0.00007
-120.92	133.64	0.00007	-133.64	120.92	0.00006
-135.06	119.50	0.00006	-136.47	118.09	0.00006
-137.89	116.67	0.00006	-139.30	115.26	0.00006
-141.42	113.14	0.00006	-144.96	109.60	0.00006
-148.49	106.07	0.00006	-155.56	98.99	0.00006
-162.63	91.92	0.00006	-169.71	84.85	0.00005
-176.78	77.78	0.00005	-183.85	70.71	0.00005
-190.92	63.64	0.00005	-197.99	56.57	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***
 18:55:26
 **MODELOPTs:
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 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

		19NCRA NAPA00-300_DPM_TRAV_ANN_SE-NW Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00010	-56.57	183.85	0.00010
-63.64	176.78	0.00009	-70.71	169.71	0.00009
-77.78	162.63	0.00009	-84.85	155.56	0.00008
-91.92	148.49	0.00008	-98.99	141.42	0.00008
-102.53	137.89	0.00007	-106.07	134.35	0.00007
-108.19	132.23	0.00007	-109.60	130.81	0.00007
-111.02	129.40	0.00007	-112.43	127.99	0.00007
-113.84	126.57	0.00007	-126.57	113.84	0.00007
-127.99	112.43	0.00007	-129.40	111.02	0.00007
-130.81	109.60	0.00007	-132.23	108.19	0.00006
-134.35	106.07	0.00006	-137.89	102.53	0.00006
-141.42	98.99	0.00006	-148.49	91.92	0.00006
-155.56	84.85	0.00006	-162.63	77.78	0.00006
-169.71	70.71	0.00006	-176.78	63.64	0.00005
-183.85	56.57	0.00005	-190.92	49.50	0.00005
-42.43	183.85	0.00011	-49.50	176.78	0.00011
-56.57	169.71	0.00010	-63.64	162.63	0.00010
-70.71	155.56	0.00009	-77.78	148.49	0.00009
-84.85	141.42	0.00008	-91.92	134.35	0.00008
-95.46	130.81	0.00008	-98.99	127.28	0.00008
-101.12	125.16	0.00008	-102.53	123.74	0.00008
-103.94	122.33	0.00008	-105.36	120.92	0.00008
-106.77	119.50	0.00007	-119.50	106.77	0.00007
-120.92	105.36	0.00007	-122.33	103.94	0.00007
-123.74	102.53	0.00007	-125.16	101.12	0.00007
-127.28	98.99	0.00007	-130.81	95.46	0.00007
-134.35	91.92	0.00007	-141.42	84.85	0.00006
-148.49	77.78	0.00006	-155.56	70.71	0.00006
-162.63	63.64	0.00006	-169.71	56.57	0.00006
-176.78	49.50	0.00005	-183.85	42.43	0.00005
-35.36	176.78	0.00012	-42.43	169.71	0.00011
-49.50	162.63	0.00011	-56.57	155.56	0.00010
-63.64	148.49	0.00010	-70.71	141.42	0.00009
-77.78	134.35	0.00009	-84.85	127.28	0.00009
-88.39	123.74	0.00008	-91.92	120.21	0.00008
-94.05	118.09	0.00008	-95.46	116.67	0.00008
-96.87	115.26	0.00008	-98.29	113.84	0.00008
-99.70	112.43	0.00008	-112.43	99.70	0.00007
-113.84	98.29	0.00007	-115.26	96.87	0.00007
-116.67	95.46	0.00007	-118.09	94.05	0.00007

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00007	-123.74	88.39	0.00007
-127.28	84.85	0.00007	-134.35	77.78	0.00007
-141.42	70.71	0.00006	-148.49	63.64	0.00006
-155.56	56.57	0.00006	-162.63	49.50	0.00006
-169.71	42.43	0.00006	-176.78	35.36	0.00006
-28.28	169.71	0.00013	-35.36	162.63	0.00012
-42.43	155.56	0.00012	-49.50	148.49	0.00011
-56.57	141.42	0.00011	-63.64	134.35	0.00010
-70.71	127.28	0.00010	-77.78	120.21	0.00009
-81.32	116.67	0.00009	-84.85	113.14	0.00009
-86.97	111.02	0.00009	-88.39	109.60	0.00009
-89.80	108.19	0.00008	-91.22	106.77	0.00008
-92.63	105.36	0.00008	-105.36	92.63	0.00008
-106.77	91.22	0.00008	-108.19	89.80	0.00008
-109.60	88.39	0.00008	-111.02	86.97	0.00008
-113.14	84.85	0.00008	-116.67	81.32	0.00007
-120.21	77.78	0.00007	-127.28	70.71	0.00007
-134.35	63.64	0.00007	-141.42	56.57	0.00007
-148.49	49.50	0.00006	-155.56	42.43	0.00006
-162.63	35.36	0.00006	-169.71	28.28	0.00006
-21.21	162.63	0.00014	-28.28	155.56	0.00013
-35.36	148.49	0.00013	-42.43	141.42	0.00012
-49.50	134.35	0.00011	-56.57	127.28	0.00011
-63.64	120.21	0.00010	-70.71	113.14	0.00010
-74.25	109.60	0.00010	-77.78	106.07	0.00009
-79.90	103.94	0.00009	-81.32	102.53	0.00009
-82.73	101.12	0.00009	-84.15	99.70	0.00009
-85.56	98.29	0.00009	-98.29	85.56	0.00008
-99.70	84.15	0.00008	-101.12	82.73	0.00008
-102.53	81.32	0.00008	-103.94	79.90	0.00008
-106.07	77.78	0.00008	-109.60	74.25	0.00008
-113.14	70.71	0.00008	-120.21	63.64	0.00007
-127.28	56.57	0.00007	-134.35	49.50	0.00007
-141.42	42.43	0.00007	-148.49	35.36	0.00007
-155.56	28.28	0.00006	-162.63	21.21	0.00006
-14.14	155.56	0.00016	-21.21	148.49	0.00015
-28.28	141.42	0.00014	-35.36	134.35	0.00013

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-42.43	127.28	0.00012	-49.50	120.21	0.00011
-56.57	113.14	0.00011	-63.64	106.07	0.00010
-67.18	102.53	0.00010	-70.71	98.99	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00010	-74.25	95.46	0.00010
-75.66	94.05	0.00010	-77.07	92.63	0.00010
-78.49	91.22	0.00009	-91.22	78.49	0.00009
-92.63	77.07	0.00009	-94.05	75.66	0.00009
-95.46	74.25	0.00009	-96.87	72.83	0.00009
-98.99	70.71	0.00008	-102.53	67.18	0.00008
-106.07	63.64	0.00008	-113.14	56.57	0.00008
-120.21	49.50	0.00008	-127.28	42.43	0.00007
-134.35	35.36	0.00007	-141.42	28.28	0.00007
-148.49	21.21	0.00007	-155.56	14.14	0.00007
-7.07	148.49	0.00017	-14.14	141.42	0.00016
-21.21	134.35	0.00015	-28.28	127.28	0.00014
-35.36	120.21	0.00013	-42.43	113.14	0.00012
-49.50	106.07	0.00012	-56.57	98.99	0.00011
-60.10	95.46	0.00011	-63.64	91.92	0.00011
-65.76	89.80	0.00010	-67.18	88.39	0.00010
-68.59	86.97	0.00010	-70.00	85.56	0.00010
-71.42	84.15	0.00010	-84.15	71.42	0.00009
-85.56	70.00	0.00009	-86.97	68.59	0.00009
-88.39	67.18	0.00009	-89.80	65.76	0.00009
-91.92	63.64	0.00009	-95.46	60.10	0.00009
-98.99	56.57	0.00009	-106.07	49.50	0.00008
-113.14	42.43	0.00008	-120.21	35.36	0.00008
-127.28	28.28	0.00007	-134.35	21.21	0.00007
-141.42	14.14	0.00007	-148.49	7.07	0.00007
0.00	141.42	0.00019	-7.07	134.35	0.00017
-14.14	127.28	0.00016	-21.21	120.21	0.00015
-28.28	113.14	0.00014	-35.36	106.07	0.00013
-42.43	98.99	0.00013	-49.50	91.92	0.00012
-53.03	88.39	0.00012	-56.57	84.85	0.00011
-58.69	82.73	0.00011	-60.10	81.32	0.00011

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-61.52	79.90	0.00011	-62.93	78.49	0.00011
-64.35	77.07	0.00011	-77.07	64.35	0.00010
-78.49	62.93	0.00010	-79.90	61.52	0.00010
-81.32	60.10	0.00010	-82.73	58.69	0.00010
-84.85	56.57	0.00010	-88.39	53.03	0.00009
-91.92	49.50	0.00009	-98.99	42.43	0.00009
-106.07	35.36	0.00009	-113.14	28.28	0.00008
-120.21	21.21	0.00008	-127.28	14.14	0.00008
-134.35	7.07	0.00007	-141.42	0.00	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
 PAGE 29
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00021	0.00	127.28	0.00019
-7.07	120.21	0.00018	-14.14	113.14	0.00017
-21.21	106.07	0.00015	-28.28	98.99	0.00014
-35.36	91.92	0.00014	-42.43	84.85	0.00013
-45.96	81.32	0.00013	-49.50	77.78	0.00012
-51.62	75.66	0.00012	-53.03	74.25	0.00012
-54.45	72.83	0.00012	-55.86	71.42	0.00012
-57.28	70.00	0.00012	-70.00	57.28	0.00011
-71.42	55.86	0.00011	-72.83	54.45	0.00010
-74.25	53.03	0.00010	-75.66	51.62	0.00010
-77.78	49.50	0.00010	-81.32	45.96	0.00010
-84.85	42.43	0.00010	-91.92	35.36	0.00009
-98.99	28.28	0.00009	-106.07	21.21	0.00009
-113.14	14.14	0.00008	-120.21	7.07	0.00008
-127.28	0.00	0.00008	-134.35	-7.07	0.00008
14.14	127.28	0.00023	7.07	120.21	0.00021
0.00	113.14	0.00020	-7.07	106.07	0.00018
-14.14	98.99	0.00017	-21.21	91.92	0.00016
-28.28	84.85	0.00015	-35.36	77.78	0.00014
-38.89	74.25	0.00014	-42.43	70.71	0.00013
-44.55	68.59	0.00013	-45.96	67.18	0.00013
-47.38	65.76	0.00013	-48.79	64.35	0.00013
-50.20	62.93	0.00012	-62.93	50.20	0.00011
-64.35	48.79	0.00011	-65.76	47.38	0.00011
-67.18	45.96	0.00011	-68.59	44.55	0.00011

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	42.43	0.00011	-74.25	38.89	0.00011
-77.78	35.36	0.00010	-84.85	28.28	0.00010
-91.92	21.21	0.00010	-98.99	14.14	0.00009
-106.07	7.07	0.00009	-113.14	0.00	0.00009
-120.21	-7.07	0.00008	-127.28	-14.14	0.00008
21.21	120.21	0.00025	14.14	113.14	0.00023
7.07	106.07	0.00022	0.00	98.99	0.00020
-7.07	91.92	0.00019	-14.14	84.85	0.00017
-21.21	77.78	0.00016	-28.28	70.71	0.00015
-31.82	67.18	0.00015	-35.36	63.64	0.00014
-37.48	61.52	0.00014	-38.89	60.10	0.00014
-40.31	58.69	0.00014	-41.72	57.28	0.00014
-43.13	55.86	0.00013	-55.86	43.13	0.00012
-57.28	41.72	0.00012	-58.69	40.31	0.00012
-60.10	38.89	0.00012	-61.52	37.48	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00012	-67.18	31.82	0.00011
-70.71	28.28	0.00011	-77.78	21.21	0.00011
-84.85	14.14	0.00010	-91.92	7.07	0.00010
-98.99	0.00	0.00010	-106.07	-7.07	0.00009
-113.14	-14.14	0.00009	-120.21	-21.21	0.00009
28.28	113.14	0.00029	21.21	106.07	0.00026
14.14	98.99	0.00024	7.07	91.92	0.00022
0.00	84.85	0.00020	-7.07	77.78	0.00019
-14.14	70.71	0.00018	-21.21	63.64	0.00016
-24.75	60.10	0.00016	-28.28	56.57	0.00015
-30.41	54.45	0.00015	-31.82	53.03	0.00015
-33.23	51.62	0.00015	-34.65	50.20	0.00015
-36.06	48.79	0.00015	-48.79	36.06	0.00013
-50.20	34.65	0.00013	-51.62	33.23	0.00013
-53.03	31.82	0.00013	-54.45	30.41	0.00013
-56.57	28.28	0.00013	-60.10	24.75	0.00012
-63.64	21.21	0.00012	-70.71	14.14	0.00011
-77.78	7.07	0.00011	-84.85	0.00	0.00011
-91.92	-7.07	0.00010	-98.99	-14.14	0.00010

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	-21.21	0.00010	-113.14	-28.28	0.00010
35.36	106.07	0.00032	28.28	98.99	0.00030
21.21	91.92	0.00027	14.14	84.85	0.00025
7.07	77.78	0.00023	0.00	70.71	0.00021
-7.07	63.64	0.00019	-14.14	56.57	0.00018
-17.68	53.03	0.00017	-21.21	49.50	0.00017
-23.33	47.38	0.00017	-24.75	45.96	0.00016
-26.16	44.55	0.00016	-27.58	43.13	0.00016
-28.99	41.72	0.00016	-41.72	28.99	0.00014
-43.13	27.58	0.00014	-44.55	26.16	0.00014
-45.96	24.75	0.00014	-47.38	23.33	0.00014
-49.50	21.21	0.00014	-53.03	17.68	0.00013
-56.57	14.14	0.00013	-63.64	7.07	0.00012
-70.71	0.00	0.00012	-77.78	-7.07	0.00011
-84.85	-14.14	0.00011	-91.92	-21.21	0.00011
-98.99	-28.28	0.00010	-106.07	-35.36	0.00010
42.43	98.99	0.00036	35.36	91.92	0.00033
28.28	84.85	0.00031	21.21	77.78	0.00028
14.14	70.71	0.00025	7.07	63.64	0.00023
0.00	56.57	0.00021	-7.07	49.50	0.00020
-10.61	45.96	0.00019	-14.14	42.43	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:

PAGE 31

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00018	-17.68	38.89	0.00018
-19.09	37.48	0.00018	-20.51	36.06	0.00017
-21.92	34.65	0.00017	-34.65	21.92	0.00016
-36.06	20.51	0.00015	-37.48	19.09	0.00015
-38.89	17.68	0.00015	-40.31	16.26	0.00015
-42.43	14.14	0.00015	-45.96	10.61	0.00014
-49.50	7.07	0.00014	-56.57	0.00	0.00013
-63.64	-7.07	0.00013	-70.71	-14.14	0.00012
-77.78	-21.21	0.00012	-84.85	-28.28	0.00011
-91.92	-35.36	0.00011	-98.99	-42.43	0.00011
49.50	91.92	0.00041	42.43	84.85	0.00038
35.36	77.78	0.00035	28.28	70.71	0.00031
21.21	63.64	0.00029	14.14	56.57	0.00026

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

7.07	49.50	0.00024	0.00	42.43	0.00022
-3.54	38.89	0.00021	-7.07	35.36	0.00020
-9.19	33.23	0.00020	-10.61	31.82	0.00020
-12.02	30.41	0.00019	-13.44	28.99	0.00019
-14.85	27.58	0.00019	-27.58	14.85	0.00017
-28.99	13.44	0.00017	-30.41	12.02	0.00017
-31.82	10.61	0.00016	-33.23	9.19	0.00016
-35.36	7.07	0.00016	-38.89	3.54	0.00015
-42.43	0.00	0.00015	-49.50	-7.07	0.00014
-56.57	-14.14	0.00014	-63.64	-21.21	0.00013
-70.71	-28.28	0.00013	-77.78	-35.36	0.00012
-84.85	-42.43	0.00012	-91.92	-49.50	0.00012
56.57	84.85	0.00047	49.50	77.78	0.00044
42.43	70.71	0.00040	35.36	63.64	0.00036
28.28	56.57	0.00032	21.21	49.50	0.00029
14.14	42.43	0.00027	7.07	35.36	0.00024
3.54	31.82	0.00023	0.00	28.28	0.00022
-2.12	26.16	0.00022	-3.54	24.75	0.00022
-4.95	23.33	0.00021	-6.36	21.92	0.00021
-7.78	20.51	0.00021	-20.51	7.78	0.00018
-21.92	6.36	0.00018	-23.33	4.95	0.00018
-24.75	3.54	0.00018	-26.16	2.12	0.00018
-28.28	0.00	0.00017	-31.82	-3.54	0.00017
-35.36	-7.07	0.00016	-42.43	-14.14	0.00016
-49.50	-21.21	0.00015	-56.57	-28.28	0.00014
-63.64	-35.36	0.00014	-70.71	-42.43	0.00014
-77.78	-49.50	0.00013	-84.85	-56.57	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
 PAGE 32
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00054	56.57	70.71	0.00050
49.50	63.64	0.00046	42.43	56.57	0.00042
35.36	49.50	0.00037	28.28	42.43	0.00033
21.21	35.36	0.00030	14.14	28.28	0.00027
10.61	24.75	0.00026	7.07	21.21	0.00025
4.95	19.09	0.00024	3.54	17.68	0.00024
2.12	16.26	0.00024	0.71	14.85	0.00023

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-0.71	13.44	0.00023	-13.44	0.71	0.00020
-14.85	-0.71	0.00020	-16.26	-2.12	0.00020
-17.68	-3.54	0.00020	-19.09	-4.95	0.00019
-21.21	-7.07	0.00019	-24.75	-10.61	0.00018
-28.28	-14.14	0.00018	-35.36	-21.21	0.00017
-42.43	-28.28	0.00016	-49.50	-35.36	0.00015
-56.57	-42.43	0.00015	-63.64	-49.50	0.00015
-70.71	-56.57	0.00015	-77.78	-63.64	0.00015
70.71	70.71	0.00062	63.64	63.64	0.00058
56.57	56.57	0.00054	49.50	49.50	0.00048
42.43	42.43	0.00043	35.36	35.36	0.00038
28.28	28.28	0.00034	21.21	21.21	0.00031
17.68	17.68	0.00029	14.14	14.14	0.00028
12.02	12.02	0.00027	10.61	10.61	0.00027
9.19	9.19	0.00026	7.78	7.78	0.00026
6.36	6.36	0.00025	-6.36	-6.36	0.00022
-7.78	-7.78	0.00022	-9.19	-9.19	0.00022
-10.61	-10.61	0.00021	-12.02	-12.02	0.00021
-14.14	-14.14	0.00021	-17.68	-17.68	0.00020
-21.21	-21.21	0.00020	-28.28	-28.28	0.00018
-35.36	-35.36	0.00018	-42.43	-42.43	0.00017
-49.50	-49.50	0.00017	-56.57	-56.57	0.00016
-63.64	-63.64	0.00016	-70.71	-70.71	0.00016
77.78	63.64	0.00070	70.71	56.57	0.00067
63.64	49.50	0.00063	56.57	42.43	0.00057
49.50	35.36	0.00051	42.43	28.28	0.00045
35.36	21.21	0.00039	28.28	14.14	0.00035
24.75	10.61	0.00033	21.21	7.07	0.00032
19.09	4.95	0.00031	17.68	3.54	0.00030
16.26	2.12	0.00030	14.85	0.71	0.00029
13.44	-0.71	0.00028	0.71	-13.44	0.00025
-0.71	-14.85	0.00024	-2.12	-16.26	0.00024
-3.54	-17.68	0.00024	-4.95	-19.09	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
 PAGE 33
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00023	-10.61	-24.75	0.00022

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-14.14	-28.28	0.00021	-21.21	-35.36	0.00020
-28.28	-42.43	0.00019	-35.36	-49.50	0.00019
-42.43	-56.57	0.00018	-49.50	-63.64	0.00018
-56.57	-70.71	0.00018	-63.64	-77.78	0.00018
84.85	56.57	0.00080	77.78	49.50	0.00078
70.71	42.43	0.00074	63.64	35.36	0.00067
56.57	28.28	0.00060	49.50	21.21	0.00053
42.43	14.14	0.00046	35.36	7.07	0.00040
31.82	3.54	0.00038	28.28	0.00	0.00036
26.16	-2.12	0.00035	24.75	-3.54	0.00034
23.33	-4.95	0.00033	21.92	-6.36	0.00033
20.51	-7.78	0.00032	7.78	-20.51	0.00028
6.36	-21.92	0.00027	4.95	-23.33	0.00027
3.54	-24.75	0.00026	2.12	-26.16	0.00026
0.00	-28.28	0.00025	-3.54	-31.82	0.00025
-7.07	-35.36	0.00024	-14.14	-42.43	0.00022
-21.21	-49.50	0.00021	-28.28	-56.57	0.00021
-35.36	-63.64	0.00020	-42.43	-70.71	0.00020
-49.50	-77.78	0.00020	-56.57	-84.85	0.00020
91.92	49.50	0.00089	84.85	42.43	0.00090
77.78	35.36	0.00087	70.71	28.28	0.00080
63.64	21.21	0.00072	56.57	14.14	0.00063
49.50	7.07	0.00054	42.43	0.00	0.00047
38.89	-3.54	0.00044	35.36	-7.07	0.00041
33.23	-9.19	0.00040	31.82	-10.61	0.00039
30.41	-12.02	0.00038	28.99	-13.44	0.00037
27.58	-14.85	0.00037	14.85	-27.58	0.00031
13.44	-28.99	0.00030	12.02	-30.41	0.00030
10.61	-31.82	0.00029	9.19	-33.23	0.00029
7.07	-35.36	0.00028	3.54	-38.89	0.00027
0.00	-42.43	0.00026	-7.07	-49.50	0.00025
-14.14	-56.57	0.00024	-21.21	-63.64	0.00023
-28.28	-70.71	0.00023	-35.36	-77.78	0.00023
-42.43	-84.85	0.00022	-49.50	-91.92	0.00022
98.99	42.43	0.00099	91.92	35.36	0.00102
84.85	28.28	0.00101	77.78	21.21	0.00096
70.71	14.14	0.00088	63.64	7.07	0.00077
56.57	0.00	0.00065	49.50	-7.07	0.00056
45.96	-10.61	0.00052	42.43	-14.14	0.00048

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00046	38.89	-17.68	0.00045
37.48	-19.09	0.00044	36.06	-20.51	0.00043
34.65	-21.92	0.00042	21.92	-34.65	0.00035
20.51	-36.06	0.00034	19.09	-37.48	0.00034
17.68	-38.89	0.00033	16.26	-40.31	0.00033
14.14	-42.43	0.00032	10.61	-45.96	0.00031
7.07	-49.50	0.00029	0.00	-56.57	0.00028
-7.07	-63.64	0.00027	-14.14	-70.71	0.00026
-21.21	-77.78	0.00026	-28.28	-84.85	0.00026
-35.36	-91.92	0.00026	-42.43	-98.99	0.00026
106.07	35.36	0.00108	98.99	28.28	0.00114
91.92	21.21	0.00117	84.85	14.14	0.00115
77.78	7.07	0.00107	70.71	0.00	0.00095
63.64	-7.07	0.00081	56.57	-14.14	0.00068
53.03	-17.68	0.00062	49.50	-21.21	0.00057
47.38	-23.33	0.00055	45.96	-24.75	0.00053
44.55	-26.16	0.00051	43.13	-27.58	0.00050
41.72	-28.99	0.00049	28.99	-41.72	0.00040
27.58	-43.13	0.00039	26.16	-44.55	0.00038
24.75	-45.96	0.00038	23.33	-47.38	0.00037
21.21	-49.50	0.00036	17.68	-53.03	0.00034
14.14	-56.57	0.00033	7.07	-63.64	0.00031
0.00	-70.71	0.00031	-7.07	-77.78	0.00030
-14.14	-84.85	0.00030	-21.21	-91.92	0.00029
-28.28	-98.99	0.00030	-35.36	-106.07	0.00030
113.14	28.28	0.00116	106.07	21.21	0.00126
98.99	14.14	0.00133	91.92	7.07	0.00135
84.85	0.00	0.00131	77.78	-7.07	0.00119
70.71	-14.14	0.00101	63.64	-21.21	0.00084
60.10	-24.75	0.00076	56.57	-28.28	0.00069
54.45	-30.41	0.00065	53.03	-31.82	0.00063
51.62	-33.23	0.00061	50.20	-34.65	0.00059
48.79	-36.06	0.00057	36.06	-48.79	0.00046
34.65	-50.20	0.00045	33.23	-51.62	0.00044
31.82	-53.03	0.00043	30.41	-54.45	0.00042
28.28	-56.57	0.00041	24.75	-60.10	0.00039
21.21	-63.64	0.00038	14.14	-70.71	0.00036
7.07	-77.78	0.00035	0.00	-84.85	0.00035
-7.07	-91.92	0.00034	-14.14	-98.99	0.00035

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-21.21 -106.07 0.00035 -28.28 -113.14 0.00036

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00123	113.14	14.14	0.00137
106.07	7.07	0.00148	98.99	0.00	0.00157
91.92	-7.07	0.00158	84.85	-14.14	0.00150
77.78	-21.21	0.00131	70.71	-28.28	0.00107
67.18	-31.82	0.00095	63.64	-35.36	0.00085
61.52	-37.48	0.00080	60.10	-38.89	0.00077
58.69	-40.31	0.00074	57.28	-41.72	0.00071
55.86	-43.13	0.00068	43.13	-55.86	0.00053
41.72	-57.28	0.00051	40.31	-58.69	0.00050
38.89	-60.10	0.00049	37.48	-61.52	0.00048
35.36	-63.64	0.00047	31.82	-67.18	0.00045
28.28	-70.71	0.00043	21.21	-77.78	0.00042
14.14	-84.85	0.00041	7.07	-91.92	0.00041
0.00	-98.99	0.00041	-7.07	-106.07	0.00042
-14.14	-113.14	0.00042	-21.21	-120.21	0.00043
127.28	14.14	0.00129	120.21	7.07	0.00146
113.14	0.00	0.00162	106.07	-7.07	0.00177
98.99	-14.14	0.00187	91.92	-21.21	0.00187
84.85	-28.28	0.00171	77.78	-35.36	0.00141
74.25	-38.89	0.00125	70.71	-42.43	0.00109
68.59	-44.55	0.00101	67.18	-45.96	0.00096
65.76	-47.38	0.00092	64.35	-48.79	0.00087
62.93	-50.20	0.00083	50.20	-62.93	0.00061
48.79	-64.35	0.00060	47.38	-65.76	0.00058
45.96	-67.18	0.00057	44.55	-68.59	0.00056
42.43	-70.71	0.00054	38.89	-74.25	0.00052
35.36	-77.78	0.00051	28.28	-84.85	0.00049
21.21	-91.92	0.00049	14.14	-98.99	0.00049
7.07	-106.07	0.00051	0.00	-113.14	0.00051
-7.07	-120.21	0.00051	-14.14	-127.28	0.00051
134.35	7.07	0.00134	127.28	0.00	0.00154
120.21	-7.07	0.00175	113.14	-14.14	0.00196
106.07	-21.21	0.00215	98.99	-28.28	0.00226

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

91.92	-35.36	0.00222	84.85	-42.43	0.00192
81.32	-45.96	0.00170	77.78	-49.50	0.00147
75.66	-51.62	0.00134	74.25	-53.03	0.00125
72.83	-54.45	0.00118	71.42	-55.86	0.00111
70.00	-57.28	0.00105	57.28	-70.00	0.00072
55.86	-71.42	0.00070	54.45	-72.83	0.00068
53.03	-74.25	0.00067	51.62	-75.66	0.00065

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00063	45.96	-81.32	0.00061
42.43	-84.85	0.00060	35.36	-91.92	0.00059
28.28	-98.99	0.00060	21.21	-106.07	0.00062
14.14	-113.14	0.00063	7.07	-120.21	0.00063
0.00	-127.28	0.00062	-7.07	-134.35	0.00061
141.42	0.00	0.00136	134.35	-7.07	0.00159
127.28	-14.14	0.00185	120.21	-21.21	0.00213
113.14	-28.28	0.00240	106.07	-35.36	0.00264
98.99	-42.43	0.00278	91.92	-49.50	0.00264
88.39	-53.03	0.00241	84.85	-56.57	0.00209
82.73	-58.69	0.00188	81.32	-60.10	0.00174
79.90	-61.52	0.00161	78.49	-62.93	0.00148
77.07	-64.35	0.00137	64.35	-77.07	0.00085
62.93	-78.49	0.00083	61.52	-79.90	0.00081
60.10	-81.32	0.00079	58.69	-82.73	0.00077
56.57	-84.85	0.00076	53.03	-88.39	0.00074
49.50	-91.92	0.00074	42.43	-98.99	0.00075
35.36	-106.07	0.00078	28.28	-113.14	0.00079
21.21	-120.21	0.00079	14.14	-127.28	0.00078
7.07	-134.35	0.00076	0.00	-141.42	0.00073
148.49	-7.07	0.00136	141.42	-14.14	0.00161
134.35	-21.21	0.00191	127.28	-28.28	0.00225
120.21	-35.36	0.00262	113.14	-42.43	0.00300
106.07	-49.50	0.00332	98.99	-56.57	0.00347
95.46	-60.10	0.00338	91.92	-63.64	0.00310
89.80	-65.76	0.00282	88.39	-67.18	0.00261
86.97	-68.59	0.00238	85.56	-70.00	0.00216

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

84.15	-71.42	0.00194	71.42	-84.15	0.00102
70.00	-85.56	0.00099	68.59	-86.97	0.00097
67.18	-88.39	0.00096	65.76	-89.80	0.00094
63.64	-91.92	0.00093	60.10	-95.46	0.00094
56.57	-98.99	0.00096	49.50	-106.07	0.00100
42.43	-113.14	0.00103	35.36	-120.21	0.00102
28.28	-127.28	0.00100	21.21	-134.35	0.00096
14.14	-141.42	0.00091	7.07	-148.49	0.00086
155.56	-14.14	0.00134	148.49	-21.21	0.00160
141.42	-28.28	0.00193	134.35	-35.36	0.00233
127.28	-42.43	0.00278	120.21	-49.50	0.00329
113.14	-56.57	0.00380	106.07	-63.64	0.00424
102.53	-67.18	0.00439	98.99	-70.71	0.00438

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00426	95.46	-74.25	0.00409
94.05	-75.66	0.00384	92.63	-77.07	0.00351
91.22	-78.49	0.00313	78.49	-91.22	0.00126
77.07	-92.63	0.00124	75.66	-94.05	0.00122
74.25	-95.46	0.00122	72.83	-96.87	0.00123
70.71	-98.99	0.00125	67.18	-102.53	0.00129
63.64	-106.07	0.00133	56.57	-113.14	0.00137
49.50	-120.21	0.00136	42.43	-127.28	0.00131
35.36	-134.35	0.00124	28.28	-141.42	0.00116
21.21	-148.49	0.00108	14.14	-155.56	0.00100
162.63	-21.21	0.00131	155.56	-28.28	0.00157
148.49	-35.36	0.00191	141.42	-42.43	0.00234
134.35	-49.50	0.00287	127.28	-56.57	0.00348
120.21	-63.64	0.00416	113.14	-70.71	0.00487
109.60	-74.25	0.00522	106.07	-77.78	0.00552
103.94	-79.90	0.00565	102.53	-81.32	0.00569
101.12	-82.73	0.00569	99.70	-84.15	0.00560
98.29	-85.56	0.00537	85.56	-98.29	0.00178
84.15	-99.70	0.00180	82.73	-101.12	0.00182
81.32	-102.53	0.00183	79.90	-103.94	0.00185
77.78	-106.07	0.00187	74.25	-109.60	0.00189

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

70.71	-113.14	0.00190	63.64	-120.21	0.00185
56.57	-127.28	0.00175	49.50	-134.35	0.00163
42.43	-141.42	0.00150	35.36	-148.49	0.00137
28.28	-155.56	0.00125	21.21	-162.63	0.00114
169.71	-28.28	0.00126	162.63	-35.36	0.00151
155.56	-42.43	0.00185	148.49	-49.50	0.00229
141.42	-56.57	0.00286	134.35	-63.64	0.00356
127.28	-70.71	0.00437	120.21	-77.78	0.00527
116.67	-81.32	0.00575	113.14	-84.85	0.00622
111.02	-86.97	0.00647	109.60	-88.39	0.00660
108.19	-89.80	0.00671	106.77	-91.22	0.00685
105.36	-92.63	0.00692	92.63	-105.36	0.00333
91.22	-106.77	0.00313	89.80	-108.19	0.00300
88.39	-109.60	0.00290	86.97	-111.02	0.00282
84.85	-113.14	0.00274	81.32	-116.67	0.00264
77.78	-120.21	0.00256	70.71	-127.28	0.00237
63.64	-134.35	0.00217	56.57	-141.42	0.00196
49.50	-148.49	0.00176	42.43	-155.56	0.00158
35.36	-162.63	0.00141	28.28	-169.71	0.00127

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00119	169.71	-42.43	0.00143
162.63	-49.50	0.00175	155.56	-56.57	0.00218
148.49	-63.64	0.00276	141.42	-70.71	0.00350
134.35	-77.78	0.00441	127.28	-84.85	0.00543
123.74	-88.39	0.00596	120.21	-91.92	0.00648
118.09	-94.05	0.00675	116.67	-95.46	0.00689
115.26	-96.87	0.00699	113.84	-98.29	0.00707
112.43	-99.70	0.00715	99.70	-112.43	0.00422
98.29	-113.84	0.00407	96.87	-115.26	0.00395
95.46	-116.67	0.00385	94.05	-118.09	0.00376
91.92	-120.21	0.00363	88.39	-123.74	0.00344
84.85	-127.28	0.00326	77.78	-134.35	0.00292
70.71	-141.42	0.00259	63.64	-148.49	0.00229
56.57	-155.56	0.00202	49.50	-162.63	0.00178
42.43	-169.71	0.00157	35.36	-176.78	0.00139

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

183.85	-42.43	0.00111	176.78	-49.50	0.00133
169.71	-56.57	0.00163	162.63	-63.64	0.00202
155.56	-70.71	0.00257	148.49	-77.78	0.00331
141.42	-84.85	0.00426	134.35	-91.92	0.00537
130.81	-95.46	0.00594	127.28	-98.99	0.00648
125.16	-101.12	0.00676	123.74	-102.53	0.00692
122.33	-103.94	0.00703	120.92	-105.36	0.00710
119.50	-106.77	0.00718	106.77	-119.50	0.00456
105.36	-120.92	0.00445	103.94	-122.33	0.00437
102.53	-123.74	0.00431	101.12	-125.16	0.00425
98.99	-127.28	0.00416	95.46	-130.81	0.00400
91.92	-134.35	0.00382	84.85	-141.42	0.00342
77.78	-148.49	0.00300	70.71	-155.56	0.00262
63.64	-162.63	0.00227	56.57	-169.71	0.00197
49.50	-176.78	0.00171	42.43	-183.85	0.00150
190.92	-49.50	0.00102	183.85	-56.57	0.00122
176.78	-63.64	0.00149	169.71	-70.71	0.00184
162.63	-77.78	0.00232	155.56	-84.85	0.00300
148.49	-91.92	0.00394	141.42	-98.99	0.00512
137.89	-102.53	0.00574	134.35	-106.07	0.00632
132.23	-108.19	0.00664	130.81	-109.60	0.00682
129.40	-111.02	0.00696	127.99	-112.43	0.00705
126.57	-113.84	0.00713	113.84	-126.57	0.00471
112.43	-127.99	0.00463	111.02	-129.40	0.00457
109.60	-130.81	0.00453	108.19	-132.23	0.00449

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00443	102.53	-137.89	0.00431
98.99	-141.42	0.00416	91.92	-148.49	0.00377
84.85	-155.56	0.00332	77.78	-162.63	0.00288
70.71	-169.71	0.00247	63.64	-176.78	0.00212
56.57	-183.85	0.00183	49.50	-190.92	0.00159
197.99	-56.57	0.00092	190.92	-63.64	0.00110
183.85	-70.71	0.00133	176.78	-77.78	0.00163
169.71	-84.85	0.00204	162.63	-91.92	0.00262
155.56	-98.99	0.00346	148.49	-106.07	0.00464

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

144.96	-109.60	0.00533	141.42	-113.14	0.00601
139.30	-115.26	0.00637	137.89	-116.67	0.00658
136.47	-118.09	0.00676	135.06	-119.50	0.00689
133.64	-120.92	0.00697	120.92	-133.64	0.00476
119.50	-135.06	0.00469	118.09	-136.47	0.00465
116.67	-137.89	0.00462	115.26	-139.30	0.00460
113.14	-141.42	0.00455	109.60	-144.96	0.00446
106.07	-148.49	0.00433	98.99	-155.56	0.00396
91.92	-162.63	0.00351	84.85	-169.71	0.00304
77.78	-176.78	0.00260	70.71	-183.85	0.00223
63.64	-190.92	0.00192	56.57	-197.99	0.00166
205.06	-63.64	0.00082	197.99	-70.71	0.00097
190.92	-77.78	0.00116	183.85	-84.85	0.00141
176.78	-91.92	0.00175	169.71	-98.99	0.00221
162.63	-106.07	0.00289	155.56	-113.14	0.00393
152.03	-116.67	0.00464	148.49	-120.21	0.00542
146.37	-122.33	0.00587	144.96	-123.74	0.00614
143.54	-125.16	0.00637	142.13	-126.57	0.00655
140.71	-127.99	0.00668	127.99	-140.71	0.00473
126.57	-142.13	0.00467	125.16	-143.54	0.00465
123.74	-144.96	0.00463	122.33	-146.37	0.00461
120.21	-148.49	0.00457	116.67	-152.03	0.00449
113.14	-155.56	0.00437	106.07	-162.63	0.00400
98.99	-169.71	0.00354	91.92	-176.78	0.00308
84.85	-183.85	0.00265	77.78	-190.92	0.00227
70.71	-197.99	0.00195	63.64	-205.06	0.00169
212.13	-70.71	0.00073	205.06	-77.78	0.00085
197.99	-84.85	0.00100	190.92	-91.92	0.00119
183.85	-98.99	0.00145	176.78	-106.07	0.00180
169.71	-113.14	0.00231	162.63	-120.21	0.00309
159.10	-123.74	0.00367	155.56	-127.28	0.00442

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00494	152.03	-130.81	0.00529
150.61	-132.23	0.00562	149.20	-133.64	0.00590
147.79	-135.06	0.00613	135.06	-147.79	0.00462

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-149.20	0.00457	132.23	-150.61	0.00455
130.81	-152.03	0.00454	129.40	-153.44	0.00452
127.28	-155.56	0.00449	123.74	-159.10	0.00440
120.21	-162.63	0.00426	113.14	-169.71	0.00388
106.07	-176.78	0.00344	98.99	-183.85	0.00300
91.92	-190.92	0.00260	84.85	-197.99	0.00224
77.78	-205.06	0.00193	70.71	-212.13	0.00168
219.20	-77.78	0.00063	212.13	-84.85	0.00073
205.06	-91.92	0.00085	197.99	-98.99	0.00099
190.92	-106.07	0.00118	183.85	-113.14	0.00142
176.78	-120.21	0.00176	169.71	-127.28	0.00227
166.17	-130.81	0.00264	162.63	-134.35	0.00312
160.51	-136.47	0.00350	159.10	-137.89	0.00381
157.68	-139.30	0.00416	156.27	-140.71	0.00454
154.86	-142.13	0.00494	142.13	-154.86	0.00442
140.71	-156.27	0.00437	139.30	-157.68	0.00434
137.89	-159.10	0.00432	136.47	-160.51	0.00429
134.35	-162.63	0.00424	130.81	-166.17	0.00411
127.28	-169.71	0.00397	120.21	-176.78	0.00360
113.14	-183.85	0.00320	106.07	-190.92	0.00282
98.99	-197.99	0.00246	91.92	-205.06	0.00215
84.85	-212.13	0.00187	77.78	-219.20	0.00164
226.27	-84.85	0.00054	219.20	-91.92	0.00062
212.13	-98.99	0.00070	205.06	-106.07	0.00081
197.99	-113.14	0.00093	190.92	-120.21	0.00109
183.85	-127.28	0.00130	176.78	-134.35	0.00157
173.24	-137.89	0.00174	169.71	-141.42	0.00194
167.58	-143.54	0.00209	166.17	-144.96	0.00219
164.76	-146.37	0.00231	163.34	-147.79	0.00247
161.93	-149.20	0.00269	149.20	-161.93	0.00391
147.79	-163.34	0.00382	146.37	-164.76	0.00376
144.96	-166.17	0.00372	143.54	-167.58	0.00369
141.42	-169.71	0.00364	137.89	-173.24	0.00355
134.35	-176.78	0.00344	127.28	-183.85	0.00318
120.21	-190.92	0.00287	113.14	-197.99	0.00256
106.07	-205.06	0.00227	98.99	-212.13	0.00201
91.92	-219.20	0.00177	84.85	-226.27	0.00157

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00046	226.27	-98.99	0.00052
219.20	-106.07	0.00058	212.13	-113.14	0.00065
205.06	-120.21	0.00073	197.99	-127.28	0.00082
190.92	-134.35	0.00093	183.85	-141.42	0.00105
180.31	-144.96	0.00111	176.78	-148.49	0.00116
174.66	-150.61	0.00118	173.24	-152.03	0.00119
171.83	-153.44	0.00120	170.41	-154.86	0.00120
169.00	-156.27	0.00120	156.27	-169.00	0.00234
154.86	-170.41	0.00248	153.44	-171.83	0.00258
152.03	-173.24	0.00265	150.61	-174.66	0.00271
148.49	-176.78	0.00277	144.96	-180.31	0.00281
141.42	-183.85	0.00280	134.35	-190.92	0.00268
127.28	-197.99	0.00249	120.21	-205.06	0.00227
113.14	-212.13	0.00205	106.07	-219.20	0.00184
98.99	-226.27	0.00165	91.92	-233.35	0.00147
240.42	-98.99	0.00039	233.35	-106.07	0.00043
226.27	-113.14	0.00047	219.20	-120.21	0.00052
212.13	-127.28	0.00057	205.06	-134.35	0.00063
197.99	-141.42	0.00068	190.92	-148.49	0.00074
187.38	-152.03	0.00076	183.85	-155.56	0.00078
181.73	-157.68	0.00080	180.31	-159.10	0.00081
178.90	-160.51	0.00083	177.48	-161.93	0.00085
176.07	-163.34	0.00087	163.34	-176.07	0.00139
161.93	-177.48	0.00149	160.51	-178.90	0.00159
159.10	-180.31	0.00168	157.68	-181.73	0.00176
155.56	-183.85	0.00187	152.03	-187.38	0.00201
148.49	-190.92	0.00209	141.42	-197.99	0.00214
134.35	-205.06	0.00207	127.28	-212.13	0.00195
120.21	-219.20	0.00180	113.14	-226.27	0.00165
106.07	-233.35	0.00150	98.99	-240.42	0.00136
247.49	-106.07	0.00034	240.42	-113.14	0.00036
233.35	-120.21	0.00039	226.27	-127.28	0.00042
219.20	-134.35	0.00045	212.13	-141.42	0.00048
205.06	-148.49	0.00052	197.99	-155.56	0.00055
194.45	-159.10	0.00058	190.92	-162.63	0.00061
188.80	-164.76	0.00063	187.38	-166.17	0.00065
185.97	-167.58	0.00067	184.55	-169.00	0.00068
183.14	-170.41	0.00070	170.41	-183.14	0.00099
169.00	-184.55	0.00105	167.58	-185.97	0.00111
166.17	-187.38	0.00117	164.76	-188.80	0.00122

04/20/08

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00130	159.10	-194.45	0.00141
155.56	-197.99	0.00150	148.49	-205.06	0.00162
141.42	-212.13	0.00164	134.35	-219.20	0.00160
127.28	-226.27	0.00153	120.21	-233.35	0.00144
113.14	-240.42	0.00133	106.07	-247.49	0.00123

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00011	-113.14	240.42	0.00011
-120.21	233.35	0.00010	-127.28	226.27	0.00010
-134.35	219.20	0.00009	-141.42	212.13	0.00009
-148.49	205.06	0.00008	-155.56	197.99	0.00008
-159.10	194.45	0.00008	-162.63	190.92	0.00008
-164.76	188.80	0.00008	-166.17	187.38	0.00008
-167.58	185.97	0.00008	-169.00	184.55	0.00008
-170.41	183.14	0.00007	-183.14	170.41	0.00007
-184.55	169.00	0.00007	-185.97	167.58	0.00007
-187.38	166.17	0.00007	-188.80	164.76	0.00007
-190.92	162.63	0.00007	-194.45	159.10	0.00007
-197.99	155.56	0.00007	-205.06	148.49	0.00006
-212.13	141.42	0.00006	-219.20	134.35	0.00006
-226.27	127.28	0.00006	-233.35	120.21	0.00006
-240.42	113.14	0.00005	-247.49	106.07	0.00005
-98.99	240.42	0.00012	-106.07	233.35	0.00011
-113.14	226.27	0.00011	-120.21	219.20	0.00010
-127.28	212.13	0.00010	-134.35	205.06	0.00009
-141.42	197.99	0.00009	-148.49	190.92	0.00009
-152.03	187.38	0.00008	-155.56	183.85	0.00008

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-157.68	181.73	0.00008	-159.10	180.31	0.00008
-160.51	178.90	0.00008	-161.93	177.48	0.00008
-163.34	176.07	0.00008	-176.07	163.34	0.00007
-177.48	161.93	0.00007	-178.90	160.51	0.00007
-180.31	159.10	0.00007	-181.73	157.68	0.00007
-183.85	155.56	0.00007	-187.38	152.03	0.00007
-190.92	148.49	0.00007	-197.99	141.42	0.00007
-205.06	134.35	0.00006	-212.13	127.28	0.00006
-219.20	120.21	0.00006	-226.27	113.14	0.00006
-233.35	106.07	0.00006	-240.42	98.99	0.00006
-91.92	233.35	0.00013	-99.00	226.27	0.00012
-106.07	219.20	0.00012	-113.14	212.13	0.00011
-120.21	205.06	0.00011	-127.28	197.99	0.00010
-134.35	190.92	0.00010	-141.42	183.85	0.00009
-144.96	180.31	0.00009	-148.49	176.78	0.00009
-150.61	174.66	0.00009	-152.03	173.24	0.00009
-153.44	171.83	0.00008	-154.86	170.41	0.00008
-156.27	169.00	0.00008	-169.00	156.27	0.00008
-170.41	154.86	0.00008	-171.83	153.44	0.00008
-173.24	152.03	0.00008	-174.66	150.61	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00008	-180.31	144.96	0.00007
-183.85	141.42	0.00007	-190.92	134.35	0.00007
-197.99	127.28	0.00007	-205.06	120.21	0.00007
-212.13	113.14	0.00006	-219.20	106.07	0.00006
-226.27	98.99	0.00006	-233.35	91.92	0.00006
-84.85	226.27	0.00014	-91.92	219.20	0.00013
-99.00	212.13	0.00013	-106.07	205.06	0.00012
-113.14	197.99	0.00011	-120.21	190.92	0.00011
-127.28	183.85	0.00010	-134.35	176.78	0.00010
-137.89	173.24	0.00010	-141.42	169.71	0.00009
-143.54	167.58	0.00009	-144.96	166.17	0.00009
-146.37	164.76	0.00009	-147.79	163.34	0.00009
-149.20	161.93	0.00009	-161.93	149.20	0.00008
-163.34	147.79	0.00008	-164.76	146.37	0.00008

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-166.17	144.96	0.00008	-167.58	143.54	0.00008
-169.71	141.42	0.00008	-173.24	137.89	0.00008
-176.78	134.35	0.00008	-183.85	127.28	0.00007
-190.92	120.21	0.00007	-197.99	113.14	0.00007
-205.06	106.07	0.00007	-212.13	98.99	0.00007
-219.20	91.92	0.00006	-226.27	84.85	0.00006
-77.78	219.20	0.00016	-84.85	212.13	0.00015
-91.92	205.06	0.00014	-99.00	197.99	0.00013
-106.07	190.92	0.00012	-113.14	183.85	0.00011
-120.21	176.78	0.00011	-127.28	169.71	0.00010
-130.81	166.17	0.00010	-134.35	162.63	0.00010
-136.47	160.51	0.00010	-137.89	159.10	0.00010
-139.30	157.68	0.00010	-140.71	156.27	0.00010
-142.13	154.86	0.00009	-154.86	142.13	0.00009
-156.27	140.71	0.00009	-157.68	139.30	0.00009
-159.10	137.89	0.00009	-160.51	136.47	0.00009
-162.63	134.35	0.00008	-166.17	130.81	0.00008
-169.71	127.28	0.00008	-176.78	120.21	0.00008
-183.85	113.14	0.00008	-190.92	106.07	0.00007
-197.99	98.99	0.00007	-205.06	91.92	0.00007
-212.13	84.85	0.00007	-219.20	77.78	0.00007
-70.71	212.13	0.00017	-77.78	205.06	0.00016
-84.85	197.99	0.00015	-91.92	190.92	0.00014
-98.99	183.85	0.00013	-106.07	176.78	0.00012
-113.14	169.71	0.00012	-120.21	162.63	0.00011
-123.74	159.10	0.00011	-127.28	155.56	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00010	-130.81	152.03	0.00010
-132.23	150.61	0.00010	-133.64	149.20	0.00010
-135.06	147.79	0.00010	-147.79	135.06	0.00009
-149.20	133.64	0.00009	-150.61	132.23	0.00009
-152.03	130.81	0.00009	-153.44	129.40	0.00009
-155.56	127.28	0.00009	-159.10	123.74	0.00009
-162.63	120.21	0.00009	-169.71	113.14	0.00008
-176.78	106.07	0.00008	-183.85	98.99	0.00008

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	91.92	0.00007	-197.99	84.85	0.00007
-205.06	77.78	0.00007	-212.13	70.71	0.00007
-63.64	205.06	0.00019	-70.71	197.99	0.00017
-77.78	190.92	0.00016	-84.85	183.85	0.00015
-91.92	176.78	0.00014	-98.99	169.71	0.00013
-106.07	162.63	0.00013	-113.14	155.56	0.00012
-116.67	152.03	0.00012	-120.21	148.49	0.00011
-122.33	146.37	0.00011	-123.74	144.96	0.00011
-125.16	143.54	0.00011	-126.57	142.13	0.00011
-127.99	140.71	0.00011	-140.71	127.99	0.00010
-142.13	126.57	0.00010	-143.54	125.16	0.00010
-144.96	123.74	0.00010	-146.37	122.33	0.00010
-148.49	120.21	0.00010	-152.03	116.67	0.00009
-155.56	113.14	0.00009	-162.63	106.07	0.00009
-169.71	98.99	0.00009	-176.78	91.92	0.00008
-183.85	84.85	0.00008	-190.92	77.78	0.00008
-197.99	70.71	0.00007	-205.06	63.64	0.00007
-56.57	197.99	0.00021	-63.64	190.92	0.00019
-70.71	183.85	0.00018	-77.78	176.78	0.00017
-84.85	169.71	0.00015	-91.92	162.63	0.00014
-98.99	155.56	0.00014	-106.07	148.49	0.00013
-109.60	144.96	0.00013	-113.14	141.42	0.00012
-115.26	139.30	0.00012	-116.67	137.89	0.00012
-118.09	136.47	0.00012	-119.50	135.06	0.00012
-120.92	133.64	0.00012	-133.64	120.92	0.00011
-135.06	119.50	0.00011	-136.47	118.09	0.00010
-137.89	116.67	0.00010	-139.30	115.26	0.00010
-141.42	113.14	0.00010	-144.96	109.60	0.00010
-148.49	106.07	0.00010	-155.56	98.99	0.00009
-162.63	91.92	0.00009	-169.71	84.85	0.00009
-176.78	77.78	0.00008	-183.85	70.71	0.00008
-190.92	63.64	0.00008	-197.99	56.57	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00023	-56.57	183.85	0.00021
-63.64	176.78	0.00020	-70.71	169.71	0.00018

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	162.63	0.00017	-84.85	155.56	0.00016
-91.92	148.49	0.00015	-98.99	141.42	0.00014
-102.53	137.89	0.00014	-106.07	134.35	0.00013
-108.19	132.23	0.00013	-109.60	130.81	0.00013
-111.02	129.40	0.00013	-112.43	127.99	0.00013
-113.84	126.57	0.00012	-126.57	113.84	0.00011
-127.99	112.43	0.00011	-129.40	111.02	0.00011
-130.81	109.60	0.00011	-132.23	108.19	0.00011
-134.35	106.07	0.00011	-137.89	102.53	0.00011
-141.42	98.99	0.00010	-148.49	91.92	0.00010
-155.56	84.85	0.00010	-162.63	77.78	0.00009
-169.71	70.71	0.00009	-176.78	63.64	0.00009
-183.85	56.57	0.00008	-190.92	49.50	0.00008
-42.43	183.85	0.00025	-49.50	176.78	0.00023
-56.57	169.71	0.00022	-63.64	162.63	0.00020
-70.71	155.56	0.00019	-77.78	148.49	0.00017
-84.85	141.42	0.00016	-91.92	134.35	0.00015
-95.46	130.81	0.00015	-98.99	127.28	0.00014
-101.12	125.16	0.00014	-102.53	123.74	0.00014
-103.94	122.33	0.00014	-105.36	120.92	0.00014
-106.77	119.50	0.00013	-119.50	106.77	0.00012
-120.92	105.36	0.00012	-122.33	103.94	0.00012
-123.74	102.53	0.00012	-125.16	101.12	0.00012
-127.28	98.99	0.00012	-130.81	95.46	0.00011
-134.35	91.92	0.00011	-141.42	84.85	0.00011
-148.49	77.78	0.00010	-155.56	70.71	0.00010
-162.63	63.64	0.00010	-169.71	56.57	0.00009
-176.78	49.50	0.00009	-183.85	42.43	0.00009
-35.36	176.78	0.00029	-42.43	169.71	0.00026
-49.50	162.63	0.00024	-56.57	155.56	0.00022
-63.64	148.49	0.00020	-70.71	141.42	0.00019
-77.78	134.35	0.00018	-84.85	127.28	0.00016
-88.39	123.74	0.00016	-91.92	120.21	0.00015
-94.05	118.09	0.00015	-95.46	116.67	0.00015
-96.87	115.26	0.00015	-98.29	113.84	0.00015
-99.70	112.43	0.00015	-112.43	99.70	0.00013
-113.84	98.29	0.00013	-115.26	96.87	0.00013
-116.67	95.46	0.00013	-118.09	94.05	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00013	-123.74	88.39	0.00012
-127.28	84.85	0.00012	-134.35	77.78	0.00011
-141.42	70.71	0.00011	-148.49	63.64	0.00011
-155.56	56.57	0.00010	-162.63	49.50	0.00010
-169.71	42.43	0.00010	-176.78	35.36	0.00010
-28.28	169.71	0.00032	-35.36	162.63	0.00030
-42.43	155.56	0.00027	-49.50	148.49	0.00025
-56.57	141.42	0.00023	-63.64	134.35	0.00021
-70.71	127.28	0.00019	-77.78	120.21	0.00018
-81.32	116.67	0.00017	-84.85	113.14	0.00017
-86.97	111.02	0.00017	-88.39	109.60	0.00016
-89.80	108.19	0.00016	-91.22	106.77	0.00016
-92.63	105.36	0.00016	-105.36	92.63	0.00014
-106.77	91.22	0.00014	-108.19	89.80	0.00014
-109.60	88.39	0.00014	-111.02	86.97	0.00014
-113.14	84.85	0.00014	-116.67	81.32	0.00013
-120.21	77.78	0.00013	-127.28	70.71	0.00012
-134.35	63.64	0.00012	-141.42	56.57	0.00011
-148.49	49.50	0.00011	-155.56	42.43	0.00011
-162.63	35.36	0.00010	-169.71	28.28	0.00010
-21.21	162.63	0.00036	-28.28	155.56	0.00033
-35.36	148.49	0.00031	-42.43	141.42	0.00028
-49.50	134.35	0.00025	-56.57	127.28	0.00023
-63.64	120.21	0.00021	-70.71	113.14	0.00020
-74.25	109.60	0.00019	-77.78	106.07	0.00018
-79.90	103.94	0.00018	-81.32	102.53	0.00018
-82.73	101.12	0.00018	-84.15	99.70	0.00017
-85.56	98.29	0.00017	-98.29	85.56	0.00016
-99.70	84.15	0.00015	-101.12	82.73	0.00015
-102.53	81.32	0.00015	-103.94	79.90	0.00015
-106.07	77.78	0.00015	-109.60	74.25	0.00014
-113.14	70.71	0.00014	-120.21	63.64	0.00013
-127.28	56.57	0.00013	-134.35	49.50	0.00012
-141.42	42.43	0.00012	-148.49	35.36	0.00011
-155.56	28.28	0.00011	-162.63	21.21	0.00011
-14.14	155.56	0.00041	-21.21	148.49	0.00038
-28.28	141.42	0.00035	-35.36	134.35	0.00031
-42.43	127.28	0.00029	-49.50	120.21	0.00026
-56.57	113.14	0.00024	-63.64	106.07	0.00022
-67.18	102.53	0.00021	-70.71	98.99	0.00020

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

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**MODELOPTS:

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*** Maximum train overlap at SE/NW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00020	-74.25	95.46	0.00020
-75.66	94.05	0.00019	-77.07	92.63	0.00019
-78.49	91.22	0.00019	-91.22	78.49	0.00017
-92.63	77.07	0.00017	-94.05	75.66	0.00017
-95.46	74.25	0.00016	-96.87	72.83	0.00016
-98.99	70.71	0.00016	-102.53	67.18	0.00015
-106.07	63.64	0.00015	-113.14	56.57	0.00014
-120.21	49.50	0.00014	-127.28	42.43	0.00013
-134.35	35.36	0.00013	-141.42	28.28	0.00012
-148.49	21.21	0.00012	-155.56	14.14	0.00012
-7.07	148.49	0.00047	-14.14	141.42	0.00044
-21.21	134.35	0.00040	-28.28	127.28	0.00036
-35.36	120.21	0.00032	-42.43	113.14	0.00029
-49.50	106.07	0.00027	-56.57	98.99	0.00024
-60.10	95.46	0.00023	-63.64	91.92	0.00022
-65.76	89.80	0.00022	-67.18	88.39	0.00022
-68.59	86.97	0.00021	-70.00	85.56	0.00021
-71.42	84.15	0.00021	-84.15	71.42	0.00018
-85.56	70.00	0.00018	-86.97	68.59	0.00018
-88.39	67.18	0.00018	-89.80	65.76	0.00018
-91.92	63.64	0.00017	-95.46	60.10	0.00017
-98.99	56.57	0.00016	-106.07	49.50	0.00016
-113.14	42.43	0.00015	-120.21	35.36	0.00014
-127.28	28.28	0.00014	-134.35	21.21	0.00014
-141.42	14.14	0.00013	-148.49	7.07	0.00013
0.00	141.42	0.00054	-7.07	134.35	0.00050
-14.14	127.28	0.00046	-21.21	120.21	0.00042
-28.28	113.14	0.00037	-35.36	106.07	0.00033
-42.43	98.99	0.00030	-49.50	91.92	0.00027
-53.03	88.39	0.00026	-56.57	84.85	0.00025
-58.69	82.73	0.00024	-60.10	81.32	0.00024
-61.52	79.90	0.00024	-62.93	78.49	0.00023
-64.35	77.07	0.00023	-77.07	64.35	0.00020
-78.49	62.93	0.00020	-79.90	61.52	0.00020

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-81.32	60.10	0.00020	-82.73	58.69	0.00019
-84.85	56.57	0.00019	-88.39	53.03	0.00018
-91.92	49.50	0.00018	-98.99	42.43	0.00017
-106.07	35.36	0.00016	-113.14	28.28	0.00015
-120.21	21.21	0.00015	-127.28	14.14	0.00015
-134.35	7.07	0.00015	-141.42	0.00	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00062	0.00	127.28	0.00058
-7.07	120.21	0.00054	-14.14	113.14	0.00048
-21.21	106.07	0.00043	-28.28	98.99	0.00038
-35.36	91.92	0.00034	-42.43	84.85	0.00031
-45.96	81.32	0.00029	-49.50	77.78	0.00028
-51.62	75.66	0.00027	-53.03	74.25	0.00027
-54.45	72.83	0.00026	-55.86	71.42	0.00026
-57.28	70.00	0.00025	-70.00	57.28	0.00022
-71.42	55.86	0.00022	-72.83	54.45	0.00022
-74.25	53.03	0.00021	-75.66	51.62	0.00021
-77.78	49.50	0.00021	-81.32	45.96	0.00020
-84.85	42.43	0.00020	-91.92	35.36	0.00018
-98.99	28.28	0.00018	-106.07	21.21	0.00017
-113.14	14.14	0.00017	-120.21	7.07	0.00016
-127.28	0.00	0.00016	-134.35	-7.07	0.00016
14.14	127.28	0.00070	7.07	120.21	0.00067
0.00	113.14	0.00063	-7.07	106.07	0.00057
-14.14	98.99	0.00051	-21.21	91.92	0.00045
-28.28	84.85	0.00039	-35.36	77.78	0.00035
-38.89	74.25	0.00033	-42.43	70.71	0.00032
-44.55	68.59	0.00031	-45.96	67.18	0.00030
-47.38	65.76	0.00030	-48.79	64.35	0.00029
-50.20	62.93	0.00028	-62.93	50.20	0.00025
-64.35	48.79	0.00024	-65.76	47.38	0.00024
-67.18	45.96	0.00024	-68.59	44.55	0.00023
-70.71	42.43	0.00023	-74.25	38.89	0.00022
-77.78	35.36	0.00021	-84.85	28.28	0.00020
-91.92	21.21	0.00019	-98.99	14.14	0.00019

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	7.07	0.00018	-113.14	0.00	0.00018
-120.21	-7.07	0.00018	-127.28	-14.14	0.00018
21.21	120.21	0.00080	14.14	113.14	0.00078
7.07	106.07	0.00074	0.00	98.99	0.00067
-7.07	91.92	0.00060	-14.14	84.85	0.00053
-21.21	77.78	0.00046	-28.28	70.71	0.00040
-31.82	67.18	0.00038	-35.36	63.64	0.00036
-37.48	61.52	0.00035	-38.89	60.10	0.00034
-40.31	58.69	0.00033	-41.72	57.28	0.00033
-43.13	55.86	0.00032	-55.86	43.13	0.00028
-57.28	41.72	0.00027	-58.69	40.31	0.00027
-60.10	38.89	0.00026	-61.52	37.48	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00025	-67.18	31.82	0.00025
-70.71	28.28	0.00024	-77.78	21.21	0.00022
-84.85	14.14	0.00021	-91.92	7.07	0.00021
-98.99	0.00	0.00020	-106.07	-7.07	0.00020
-113.14	-14.14	0.00020	-120.21	-21.21	0.00020
28.28	113.14	0.00089	21.21	106.07	0.00090
14.14	98.99	0.00087	7.07	91.92	0.00080
0.00	84.85	0.00072	-7.07	77.78	0.00063
-14.14	70.71	0.00054	-21.21	63.64	0.00047
-24.75	60.10	0.00044	-28.28	56.57	0.00041
-30.41	54.45	0.00040	-31.82	53.03	0.00039
-33.23	51.62	0.00038	-34.65	50.20	0.00037
-36.06	48.79	0.00037	-48.79	36.06	0.00031
-50.20	34.65	0.00030	-51.62	33.23	0.00030
-53.03	31.82	0.00029	-54.45	30.41	0.00029
-56.57	28.28	0.00028	-60.10	24.75	0.00027
-63.64	21.21	0.00026	-70.71	14.14	0.00025
-77.78	7.07	0.00024	-84.85	0.00	0.00023
-91.92	-7.07	0.00023	-98.99	-14.14	0.00023
-106.07	-21.21	0.00022	-113.14	-28.28	0.00022
35.36	106.07	0.00099	28.28	98.99	0.00102
21.21	91.92	0.00101	14.14	84.85	0.00096

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

7.07	77.78	0.00088	0.00	70.71	0.00077
-7.07	63.64	0.00065	-14.14	56.57	0.00056
-17.68	53.03	0.00052	-21.21	49.50	0.00048
-23.33	47.38	0.00046	-24.75	45.96	0.00045
-26.16	44.55	0.00044	-27.58	43.13	0.00043
-28.99	41.72	0.00042	-41.72	28.99	0.00035
-43.13	27.58	0.00034	-44.55	26.16	0.00034
-45.96	24.75	0.00033	-47.38	23.33	0.00033
-49.50	21.21	0.00032	-53.03	17.68	0.00031
-56.57	14.14	0.00029	-63.64	7.07	0.00028
-70.71	0.00	0.00027	-77.78	-7.07	0.00026
-84.85	-14.14	0.00026	-91.92	-21.21	0.00026
-98.99	-28.28	0.00026	-106.07	-35.36	0.00026
42.43	98.99	0.00108	35.36	91.92	0.00114
28.28	84.85	0.00117	21.21	77.78	0.00115
14.14	70.71	0.00107	7.07	63.64	0.00095
0.00	56.57	0.00081	-7.07	49.50	0.00068
-10.61	45.96	0.00062	-14.14	42.43	0.00057

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00055	-17.68	38.89	0.00053
-19.09	37.48	0.00051	-20.51	36.06	0.00050
-21.92	34.65	0.00049	-34.65	21.92	0.00040
-36.06	20.51	0.00039	-37.48	19.09	0.00038
-38.89	17.68	0.00038	-40.31	16.26	0.00037
-42.43	14.14	0.00036	-45.96	10.61	0.00034
-49.50	7.07	0.00033	-56.57	0.00	0.00031
-63.64	-7.07	0.00031	-70.71	-14.14	0.00030
-77.78	-21.21	0.00030	-84.85	-28.28	0.00029
-91.92	-35.36	0.00030	-98.99	-42.43	0.00030
49.50	91.92	0.00116	42.43	84.85	0.00126
35.36	77.78	0.00133	28.28	70.71	0.00135
21.21	63.64	0.00131	14.14	56.57	0.00119
7.07	49.50	0.00101	0.00	42.43	0.00084
-3.54	38.89	0.00076	-7.07	35.36	0.00069
-9.19	33.23	0.00065	-10.61	31.82	0.00063

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-12.02	30.41	0.00061	-13.44	28.99	0.00059
-14.85	27.58	0.00057	-27.58	14.85	0.00046
-28.99	13.44	0.00045	-30.41	12.02	0.00044
-31.82	10.61	0.00043	-33.23	9.19	0.00042
-35.36	7.07	0.00041	-38.89	3.54	0.00039
-42.43	0.00	0.00038	-49.50	-7.07	0.00036
-56.57	-14.14	0.00035	-63.64	-21.21	0.00035
-70.71	-28.28	0.00034	-77.78	-35.36	0.00035
-84.85	-42.43	0.00035	-91.92	-49.50	0.00036
56.57	84.85	0.00123	49.50	77.78	0.00137
42.43	70.71	0.00148	35.36	63.64	0.00157
28.28	56.57	0.00158	21.21	49.50	0.00150
14.14	42.43	0.00131	7.07	35.36	0.00107
3.54	31.82	0.00095	0.00	28.28	0.00085
-2.12	26.16	0.00080	-3.54	24.75	0.00077
-4.95	23.33	0.00074	-6.36	21.92	0.00071
-7.78	20.51	0.00068	-20.51	7.78	0.00053
-21.92	6.36	0.00051	-23.33	4.95	0.00050
-24.75	3.54	0.00049	-26.16	2.12	0.00048
-28.28	0.00	0.00047	-31.82	-3.54	0.00045
-35.36	-7.07	0.00043	-42.43	-14.14	0.00042
-49.50	-21.21	0.00041	-56.57	-28.28	0.00041
-63.64	-35.36	0.00041	-70.71	-42.43	0.00042
-77.78	-49.50	0.00042	-84.85	-56.57	0.00043

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00129	56.57	70.71	0.00146
49.50	63.64	0.00162	42.43	56.57	0.00177
35.36	49.50	0.00187	28.28	42.43	0.00187
21.21	35.36	0.00171	14.14	28.28	0.00141
10.61	24.75	0.00125	7.07	21.21	0.00109
4.95	19.09	0.00101	3.54	17.68	0.00096
2.12	16.26	0.00092	0.71	14.85	0.00087
-0.71	13.44	0.00083	-13.44	0.71	0.00061
-14.85	-0.71	0.00060	-16.26	-2.12	0.00058
-17.68	-3.54	0.00057	-19.09	-4.95	0.00056

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-21.21	-7.07	0.00054	-24.75	-10.61	0.00052
-28.28	-14.14	0.00051	-35.36	-21.21	0.00049
-42.43	-28.28	0.00049	-49.50	-35.36	0.00049
-56.57	-42.43	0.00051	-63.64	-49.50	0.00051
-70.71	-56.57	0.00051	-77.78	-63.64	0.00051
70.71	70.71	0.00134	63.64	63.64	0.00154
56.57	56.57	0.00175	49.50	49.50	0.00196
42.43	42.43	0.00215	35.36	35.36	0.00226
28.28	28.28	0.00222	21.21	21.21	0.00192
17.68	17.68	0.00170	14.14	14.14	0.00147
12.02	12.02	0.00134	10.61	10.61	0.00125
9.19	9.19	0.00118	7.78	7.78	0.00111
6.36	6.36	0.00105	-6.36	-6.36	0.00072
-7.78	-7.78	0.00070	-9.19	-9.19	0.00068
-10.61	-10.61	0.00067	-12.02	-12.02	0.00065
-14.14	-14.14	0.00063	-17.68	-17.68	0.00061
-21.21	-21.21	0.00060	-28.28	-28.28	0.00059
-35.36	-35.36	0.00060	-42.43	-42.43	0.00062
-49.50	-49.50	0.00063	-56.57	-56.57	0.00063
-63.64	-63.64	0.00062	-70.71	-70.71	0.00061
77.78	63.64	0.00136	70.71	56.57	0.00159
63.64	49.50	0.00185	56.57	42.43	0.00213
49.50	35.36	0.00240	42.43	28.28	0.00264
35.36	21.21	0.00278	28.28	14.14	0.00264
24.75	10.61	0.00241	21.21	7.07	0.00209
19.09	4.95	0.00188	17.68	3.54	0.00174
16.26	2.12	0.00161	14.85	0.71	0.00148
13.44	-0.71	0.00137	0.71	-13.44	0.00085
-0.71	-14.85	0.00083	-2.12	-16.26	0.00081
-3.54	-17.68	0.00079	-4.95	-19.09	0.00077

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00076	-10.61	-24.75	0.00074
-14.14	-28.28	0.00074	-21.21	-35.36	0.00075
-28.28	-42.43	0.00078	-35.36	-49.50	0.00079
-42.43	-56.57	0.00079	-49.50	-63.64	0.00078

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-70.71	0.00076	-63.64	-77.78	0.00073
84.85	56.57	0.00136	77.78	49.50	0.00161
70.71	42.43	0.00191	63.64	35.36	0.00225
56.57	28.28	0.00262	49.50	21.21	0.00300
42.43	14.14	0.00332	35.36	7.07	0.00347
31.82	3.54	0.00338	28.28	0.00	0.00310
26.16	-2.12	0.00282	24.75	-3.54	0.00261
23.33	-4.95	0.00238	21.92	-6.36	0.00216
20.51	-7.78	0.00194	7.78	-20.51	0.00102
6.36	-21.92	0.00099	4.95	-23.33	0.00097
3.54	-24.75	0.00096	2.12	-26.16	0.00094
0.00	-28.28	0.00093	-3.54	-31.82	0.00094
-7.07	-35.36	0.00096	-14.14	-42.43	0.00100
-21.21	-49.50	0.00103	-28.28	-56.57	0.00102
-35.36	-63.64	0.00100	-42.43	-70.71	0.00096
-49.50	-77.78	0.00091	-56.57	-84.85	0.00086
91.92	49.50	0.00134	84.85	42.43	0.00160
77.78	35.36	0.00193	70.71	28.28	0.00233
63.64	21.21	0.00278	56.57	14.14	0.00329
49.50	7.07	0.00380	42.43	0.00	0.00424
38.89	-3.54	0.00439	35.36	-7.07	0.00438
33.23	-9.19	0.00426	31.82	-10.61	0.00409
30.41	-12.02	0.00384	28.99	-13.44	0.00351
27.58	-14.85	0.00313	14.85	-27.58	0.00126
13.44	-28.99	0.00124	12.02	-30.41	0.00122
10.61	-31.82	0.00122	9.19	-33.23	0.00123
7.07	-35.36	0.00125	3.54	-38.89	0.00129
0.00	-42.43	0.00133	-7.07	-49.50	0.00137
-14.14	-56.57	0.00136	-21.21	-63.64	0.00131
-28.28	-70.71	0.00124	-35.36	-77.78	0.00116
-42.43	-84.85	0.00108	-49.50	-91.92	0.00100
98.99	42.43	0.00131	91.92	35.36	0.00157
84.85	28.28	0.00191	77.78	21.21	0.00234
70.71	14.14	0.00287	63.64	7.07	0.00348
56.57	0.00	0.00416	49.50	-7.07	0.00487
45.96	-10.61	0.00522	42.43	-14.14	0.00552

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00565	38.89	-17.68	0.00569
37.48	-19.09	0.00569	36.06	-20.51	0.00560
34.65	-21.92	0.00537	21.92	-34.65	0.00178
20.51	-36.06	0.00180	19.09	-37.48	0.00182
17.68	-38.89	0.00183	16.26	-40.31	0.00185
14.14	-42.43	0.00187	10.61	-45.96	0.00189
7.07	-49.50	0.00190	0.00	-56.57	0.00185
-7.07	-63.64	0.00175	-14.14	-70.71	0.00163
-21.21	-77.78	0.00150	-28.28	-84.85	0.00137
-35.36	-91.92	0.00125	-42.43	-98.99	0.00114
106.07	35.36	0.00126	98.99	28.28	0.00151
91.92	21.21	0.00185	84.85	14.14	0.00229
77.78	7.07	0.00286	70.71	0.00	0.00356
63.64	-7.07	0.00437	56.57	-14.14	0.00527
53.03	-17.68	0.00575	49.50	-21.21	0.00622
47.38	-23.33	0.00647	45.96	-24.75	0.00660
44.55	-26.16	0.00671	43.13	-27.58	0.00685
41.72	-28.99	0.00692	28.99	-41.72	0.00333
27.58	-43.13	0.00313	26.16	-44.55	0.00300
24.75	-45.96	0.00290	23.33	-47.38	0.00282
21.21	-49.50	0.00274	17.68	-53.03	0.00264
14.14	-56.57	0.00256	7.07	-63.64	0.00237
0.00	-70.71	0.00217	-7.07	-77.78	0.00196
-14.14	-84.85	0.00176	-21.21	-91.92	0.00158
-28.28	-98.99	0.00141	-35.36	-106.07	0.00127
113.14	28.28	0.00119	106.07	21.21	0.00143
98.99	14.14	0.00175	91.92	7.07	0.00218
84.85	0.00	0.00276	77.78	-7.07	0.00350
70.71	-14.14	0.00441	63.64	-21.21	0.00543
60.10	-24.75	0.00596	56.57	-28.28	0.00648
54.45	-30.41	0.00675	53.03	-31.82	0.00689
51.62	-33.23	0.00699	50.20	-34.65	0.00707
48.79	-36.06	0.00715	36.06	-48.79	0.00422
34.65	-50.20	0.00407	33.23	-51.62	0.00395
31.82	-53.03	0.00385	30.41	-54.45	0.00376
28.28	-56.57	0.00363	24.75	-60.10	0.00344
21.21	-63.64	0.00326	14.14	-70.71	0.00292
7.07	-77.78	0.00259	0.00	-84.85	0.00229
-7.07	-91.92	0.00202	-14.14	-98.99	0.00178
-21.21	-106.07	0.00157	-28.28	-113.14	0.00139

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00111	113.14	14.14	0.00133
106.07	7.07	0.00163	98.99	0.00	0.00202
91.92	-7.07	0.00257	84.85	-14.14	0.00331
77.78	-21.21	0.00426	70.71	-28.28	0.00537
67.18	-31.82	0.00594	63.64	-35.36	0.00648
61.52	-37.48	0.00676	60.10	-38.89	0.00692
58.69	-40.31	0.00703	57.28	-41.72	0.00710
55.86	-43.13	0.00718	43.13	-55.86	0.00456
41.72	-57.28	0.00445	40.31	-58.69	0.00437
38.89	-60.10	0.00431	37.48	-61.52	0.00425
35.36	-63.64	0.00416	31.82	-67.18	0.00400
28.28	-70.71	0.00382	21.21	-77.78	0.00342
14.14	-84.85	0.00300	7.07	-91.92	0.00262
0.00	-98.99	0.00227	-7.07	-106.07	0.00197
-14.14	-113.14	0.00171	-21.21	-120.21	0.00150
127.28	14.14	0.00102	120.21	7.07	0.00122
113.14	0.00	0.00149	106.07	-7.07	0.00184
98.99	-14.14	0.00232	91.92	-21.21	0.00300
84.85	-28.28	0.00394	77.78	-35.36	0.00512
74.25	-38.89	0.00574	70.71	-42.43	0.00632
68.59	-44.55	0.00664	67.18	-45.96	0.00682
65.76	-47.38	0.00696	64.35	-48.79	0.00705
62.93	-50.20	0.00713	50.20	-62.93	0.00471
48.79	-64.35	0.00463	47.38	-65.76	0.00457
45.96	-67.18	0.00453	44.55	-68.59	0.00449
42.43	-70.71	0.00443	38.89	-74.25	0.00431
35.36	-77.78	0.00416	28.28	-84.85	0.00377
21.21	-91.92	0.00332	14.14	-98.99	0.00288
7.07	-106.07	0.00247	0.00	-113.14	0.00212
-7.07	-120.21	0.00183	-14.14	-127.28	0.00159
134.35	7.07	0.00092	127.28	0.00	0.00110
120.21	-7.07	0.00133	113.14	-14.14	0.00163
106.07	-21.21	0.00204	98.99	-28.28	0.00262
91.92	-35.36	0.00346	84.85	-42.43	0.00464
81.32	-45.96	0.00533	77.78	-49.50	0.00601
75.66	-51.62	0.00637	74.25	-53.03	0.00658

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

72.83	-54.45	0.00676	71.42	-55.86	0.00689
70.00	-57.28	0.00697	57.28	-70.00	0.00476
55.86	-71.42	0.00469	54.45	-72.83	0.00465
53.03	-74.25	0.00462	51.62	-75.66	0.00460

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00455	45.96	-81.32	0.00446
42.43	-84.85	0.00433	35.36	-91.92	0.00396
28.28	-98.99	0.00351	21.21	-106.07	0.00304
14.14	-113.14	0.00260	7.07	-120.21	0.00223
0.00	-127.28	0.00192	-7.07	-134.35	0.00166
141.42	0.00	0.00082	134.35	-7.07	0.00097
127.28	-14.14	0.00116	120.21	-21.21	0.00141
113.14	-28.28	0.00175	106.07	-35.36	0.00221
98.99	-42.43	0.00289	91.92	-49.50	0.00393
88.39	-53.03	0.00464	84.85	-56.57	0.00542
82.73	-58.69	0.00587	81.32	-60.10	0.00614
79.90	-61.52	0.00637	78.49	-62.93	0.00655
77.07	-64.35	0.00668	64.35	-77.07	0.00473
62.93	-78.49	0.00467	61.52	-79.90	0.00465
60.10	-81.32	0.00463	58.69	-82.73	0.00461
56.57	-84.85	0.00457	53.03	-88.39	0.00449
49.50	-91.92	0.00437	42.43	-98.99	0.00400
35.36	-106.07	0.00354	28.28	-113.14	0.00308
21.21	-120.21	0.00265	14.14	-127.28	0.00227
7.07	-134.35	0.00195	0.00	-141.42	0.00169
148.49	-7.07	0.00073	141.42	-14.14	0.00085
134.35	-21.21	0.00100	127.28	-28.28	0.00119
120.21	-35.36	0.00145	113.14	-42.43	0.00180
106.07	-49.50	0.00231	98.99	-56.57	0.00309
95.46	-60.10	0.00367	91.92	-63.64	0.00442
89.80	-65.76	0.00494	88.39	-67.18	0.00529
86.97	-68.59	0.00562	85.56	-70.00	0.00590
84.15	-71.42	0.00613	71.42	-84.15	0.00462
70.00	-85.56	0.00457	68.59	-86.97	0.00455
67.18	-88.39	0.00454	65.76	-89.80	0.00452

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

63.64	-91.92	0.00449	60.10	-95.46	0.00440
56.57	-98.99	0.00426	49.50	-106.07	0.00388
42.43	-113.14	0.00344	35.36	-120.21	0.00300
28.28	-127.28	0.00260	21.21	-134.35	0.00224
14.14	-141.42	0.00193	7.07	-148.49	0.00168
155.56	-14.14	0.00063	148.49	-21.21	0.00073
141.42	-28.28	0.00085	134.35	-35.36	0.00099
127.28	-42.43	0.00118	120.21	-49.50	0.00142
113.14	-56.57	0.00176	106.07	-63.64	0.00227
102.53	-67.18	0.00264	98.99	-70.71	0.00312

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00350	95.46	-74.25	0.00381
94.05	-75.66	0.00416	92.63	-77.07	0.00454
91.22	-78.49	0.00494	78.49	-91.22	0.00442
77.07	-92.63	0.00437	75.66	-94.05	0.00434
74.25	-95.46	0.00432	72.83	-96.87	0.00429
70.71	-98.99	0.00424	67.18	-102.53	0.00411
63.64	-106.07	0.00397	56.57	-113.14	0.00360
49.50	-120.21	0.00320	42.43	-127.28	0.00282
35.36	-134.35	0.00246	28.28	-141.42	0.00215
21.21	-148.49	0.00187	14.14	-155.56	0.00164
162.63	-21.21	0.00054	155.56	-28.28	0.00062
148.49	-35.36	0.00070	141.42	-42.43	0.00081
134.35	-49.50	0.00093	127.28	-56.57	0.00109
120.21	-63.64	0.00130	113.14	-70.71	0.00157
109.60	-74.25	0.00174	106.07	-77.78	0.00194
103.94	-79.90	0.00209	102.53	-81.32	0.00219
101.12	-82.73	0.00231	99.70	-84.15	0.00247
98.29	-85.56	0.00269	85.56	-98.29	0.00391
84.15	-99.70	0.00382	82.73	-101.12	0.00376
81.32	-102.53	0.00372	79.90	-103.94	0.00369
77.78	-106.07	0.00364	74.25	-109.60	0.00355
70.71	-113.14	0.00344	63.64	-120.21	0.00318
56.57	-127.28	0.00287	49.50	-134.35	0.00256
42.43	-141.42	0.00227	35.36	-148.49	0.00201

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-155.56	0.00177	21.21	-162.63	0.00157
169.71	-28.28	0.00046	162.63	-35.36	0.00052
155.56	-42.43	0.00058	148.49	-49.50	0.00065
141.42	-56.57	0.00073	134.35	-63.64	0.00082
127.28	-70.71	0.00093	120.21	-77.78	0.00105
116.67	-81.32	0.00111	113.14	-84.85	0.00116
111.02	-86.97	0.00118	109.60	-88.39	0.00119
108.19	-89.80	0.00120	106.77	-91.22	0.00120
105.36	-92.63	0.00120	92.63	-105.36	0.00234
91.22	-106.77	0.00248	89.80	-108.19	0.00258
88.39	-109.60	0.00265	86.97	-111.02	0.00271
84.85	-113.14	0.00277	81.32	-116.67	0.00281
77.78	-120.21	0.00280	70.71	-127.28	0.00268
63.64	-134.35	0.00249	56.57	-141.42	0.00227
49.50	-148.49	0.00205	42.43	-155.56	0.00184
35.36	-162.63	0.00165	28.28	-169.71	0.00147

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00039	169.71	-42.43	0.00043
162.63	-49.50	0.00047	155.56	-56.57	0.00052
148.49	-63.64	0.00057	141.42	-70.71	0.00063
134.35	-77.78	0.00068	127.28	-84.85	0.00074
123.74	-88.39	0.00076	120.21	-91.92	0.00078
118.09	-94.05	0.00080	116.67	-95.46	0.00081
115.26	-96.87	0.00083	113.84	-98.29	0.00085
112.43	-99.70	0.00087	99.70	-112.43	0.00139
98.29	-113.84	0.00149	96.87	-115.26	0.00159
95.46	-116.67	0.00168	94.05	-118.09	0.00176
91.92	-120.21	0.00187	88.39	-123.74	0.00201
84.85	-127.28	0.00209	77.78	-134.35	0.00214
70.71	-141.42	0.00207	63.64	-148.49	0.00195
56.57	-155.56	0.00180	49.50	-162.63	0.00165
42.43	-169.71	0.00150	35.36	-176.78	0.00136
183.85	-42.43	0.00034	176.78	-49.50	0.00036
169.71	-56.57	0.00039	162.63	-63.64	0.00042
155.56	-70.71	0.00045	148.49	-77.78	0.00048

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-84.85	0.00052	134.35	-91.92	0.00055
130.81	-95.46	0.00058	127.28	-98.99	0.00061
125.16	-101.12	0.00063	123.74	-102.53	0.00065
122.33	-103.94	0.00067	120.92	-105.36	0.00068
119.50	-106.77	0.00070	106.77	-119.50	0.00099
105.36	-120.92	0.00105	103.94	-122.33	0.00111
102.53	-123.74	0.00117	101.12	-125.16	0.00122
98.99	-127.28	0.00130	95.46	-130.81	0.00141
91.92	-134.35	0.00150	84.85	-141.42	0.00162
77.78	-148.49	0.00164	70.71	-155.56	0.00160
63.64	-162.63	0.00153	56.57	-169.71	0.00144
49.50	-176.78	0.00133	42.43	-183.85	0.00123
190.92	-49.50	0.00028	183.85	-56.57	0.00030
176.78	-63.64	0.00032	169.71	-70.71	0.00034
162.63	-77.78	0.00036	155.56	-84.85	0.00039
148.49	-91.92	0.00041	141.42	-98.99	0.00045
137.89	-102.53	0.00048	134.35	-106.07	0.00051
132.23	-108.19	0.00053	130.81	-109.60	0.00054
129.40	-111.02	0.00055	127.99	-112.43	0.00056
126.57	-113.84	0.00057	113.84	-126.57	0.00075
112.43	-127.99	0.00079	111.02	-129.40	0.00083
109.60	-130.81	0.00087	108.19	-132.23	0.00091

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00096	102.53	-137.89	0.00104
98.99	-141.42	0.00110	91.92	-148.49	0.00121
84.85	-155.56	0.00127	77.78	-162.63	0.00128
70.71	-169.71	0.00126	63.64	-176.78	0.00122
56.57	-183.85	0.00116	49.50	-190.92	0.00109
197.99	-56.57	0.00024	190.92	-63.64	0.00025
183.85	-70.71	0.00027	176.78	-77.78	0.00028
169.71	-84.85	0.00030	162.63	-91.92	0.00032
155.56	-98.99	0.00034	148.49	-106.07	0.00039
144.96	-109.60	0.00041	141.42	-113.14	0.00043
139.30	-115.26	0.00044	137.89	-116.67	0.00045
136.47	-118.09	0.00046	135.06	-119.50	0.00047

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-120.92	0.00047	120.92	-133.64	0.00059
119.50	-135.06	0.00062	118.09	-136.47	0.00065
116.67	-137.89	0.00068	115.26	-139.30	0.00070
113.14	-141.42	0.00074	109.60	-144.96	0.00080
106.07	-148.49	0.00085	98.99	-155.56	0.00093
91.92	-162.63	0.00098	84.85	-169.71	0.00102
77.78	-176.78	0.00103	70.71	-183.85	0.00101
63.64	-190.92	0.00099	56.57	-197.99	0.00095
205.06	-63.64	0.00021	197.99	-70.71	0.00021
190.92	-77.78	0.00022	183.85	-84.85	0.00024
176.78	-91.92	0.00025	169.71	-98.99	0.00027
162.63	-106.07	0.00030	155.56	-113.14	0.00033
152.03	-116.67	0.00035	148.49	-120.21	0.00037
146.37	-122.33	0.00038	144.96	-123.74	0.00038
143.54	-125.16	0.00039	142.13	-126.57	0.00039
140.71	-127.99	0.00040	127.99	-140.71	0.00048
126.57	-142.13	0.00050	125.16	-143.54	0.00052
123.74	-144.96	0.00054	122.33	-146.37	0.00056
120.21	-148.49	0.00059	116.67	-152.03	0.00063
113.14	-155.56	0.00067	106.07	-162.63	0.00073
98.99	-169.71	0.00078	91.92	-176.78	0.00081
84.85	-183.85	0.00083	77.78	-190.92	0.00084
70.71	-197.99	0.00083	63.64	-205.06	0.00081
212.13	-70.71	0.00018	205.06	-77.78	0.00018
197.99	-84.85	0.00019	190.92	-91.92	0.00020
183.85	-98.99	0.00022	176.78	-106.07	0.00024
169.71	-113.14	0.00026	162.63	-120.21	0.00029
159.10	-123.74	0.00030	155.56	-127.28	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00032	152.03	-130.81	0.00033
150.61	-132.23	0.00033	149.20	-133.64	0.00034
147.79	-135.06	0.00034	135.06	-147.79	0.00040
133.64	-149.20	0.00041	132.23	-150.61	0.00042
130.81	-152.03	0.00044	129.40	-153.44	0.00045
127.28	-155.56	0.00048	123.74	-159.10	0.00051

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

120.21	-162.63	0.00054	113.14	-169.71	0.00059
106.07	-176.78	0.00063	98.99	-183.85	0.00066
91.92	-190.92	0.00068	84.85	-197.99	0.00069
77.78	-205.06	0.00070	70.71	-212.13	0.00069
219.20	-77.78	0.00015	212.13	-84.85	0.00016
205.06	-91.92	0.00017	197.99	-98.99	0.00018
190.92	-106.07	0.00019	183.85	-113.14	0.00021
176.78	-120.21	0.00023	169.71	-127.28	0.00026
166.17	-130.81	0.00027	162.63	-134.35	0.00028
160.51	-136.47	0.00028	159.10	-137.89	0.00028
157.68	-139.30	0.00029	156.27	-140.71	0.00029
154.86	-142.13	0.00029	142.13	-154.86	0.00033
140.71	-156.27	0.00034	139.30	-157.68	0.00035
137.89	-159.10	0.00036	136.47	-160.51	0.00037
134.35	-162.63	0.00039	130.81	-166.17	0.00042
127.28	-169.71	0.00045	120.21	-176.78	0.00049
113.14	-183.85	0.00052	106.07	-190.92	0.00055
98.99	-197.99	0.00056	91.92	-205.06	0.00058
84.85	-212.13	0.00059	77.78	-219.20	0.00059
226.27	-84.85	0.00013	219.20	-91.92	0.00014
212.13	-98.99	0.00015	205.06	-106.07	0.00016
197.99	-113.14	0.00017	190.92	-120.21	0.00019
183.85	-127.28	0.00021	176.78	-134.35	0.00023
173.24	-137.89	0.00023	169.71	-141.42	0.00024
167.58	-143.54	0.00024	166.17	-144.96	0.00025
164.76	-146.37	0.00025	163.34	-147.79	0.00025
161.93	-149.20	0.00025	149.20	-161.93	0.00028
147.79	-163.34	0.00029	146.37	-164.76	0.00030
144.96	-166.17	0.00031	143.54	-167.58	0.00032
141.42	-169.71	0.00033	137.89	-173.24	0.00035
134.35	-176.78	0.00037	127.28	-183.85	0.00041
120.21	-190.92	0.00044	113.14	-197.99	0.00046
106.07	-205.06	0.00047	98.99	-212.13	0.00049
91.92	-219.20	0.00050	84.85	-226.27	0.00050

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-------------	-------------	------	-------------	-------------	------

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

233.35	-91.92	0.00012	226.27	-98.99	0.00012
219.20	-106.07	0.00013	212.13	-113.14	0.00015
205.06	-120.21	0.00016	197.99	-127.28	0.00017
190.92	-134.35	0.00019	183.85	-141.42	0.00020
180.31	-144.96	0.00021	176.78	-148.49	0.00021
174.66	-150.61	0.00021	173.24	-152.03	0.00022
171.83	-153.44	0.00022	170.41	-154.86	0.00022
169.00	-156.27	0.00022	156.27	-169.00	0.00024
154.86	-170.41	0.00025	153.44	-171.83	0.00026
152.03	-173.24	0.00026	150.61	-174.66	0.00027
148.49	-176.78	0.00028	144.96	-180.31	0.00030
141.42	-183.85	0.00032	134.35	-190.92	0.00035
127.28	-197.99	0.00037	120.21	-205.06	0.00039
113.14	-212.13	0.00040	106.07	-219.20	0.00042
98.99	-226.27	0.00042	91.92	-233.35	0.00043
240.42	-98.99	0.00011	233.35	-106.07	0.00011
226.27	-113.14	0.00012	219.20	-120.21	0.00013
212.13	-127.28	0.00014	205.06	-134.35	0.00016
197.99	-141.42	0.00017	190.92	-148.49	0.00018
187.38	-152.03	0.00018	183.85	-155.56	0.00019
181.73	-157.68	0.00019	180.31	-159.10	0.00019
178.90	-160.51	0.00019	177.48	-161.93	0.00019
176.07	-163.34	0.00019	163.34	-176.07	0.00021
161.93	-177.48	0.00022	160.51	-178.90	0.00022
159.10	-180.31	0.00023	157.68	-181.73	0.00023
155.56	-183.85	0.00024	152.03	-187.38	0.00026
148.49	-190.92	0.00027	141.42	-197.99	0.00030
134.35	-205.06	0.00032	127.28	-212.13	0.00034
120.21	-219.20	0.00035	113.14	-226.27	0.00036
106.07	-233.35	0.00037	98.99	-240.42	0.00037
247.49	-106.07	0.00010	240.42	-113.14	0.00010
233.35	-120.21	0.00011	226.27	-127.28	0.00012
219.20	-134.35	0.00013	212.13	-141.42	0.00014
205.06	-148.49	0.00015	197.99	-155.56	0.00016
194.45	-159.10	0.00016	190.92	-162.63	0.00017
188.80	-164.76	0.00017	187.38	-166.17	0.00017
185.97	-167.58	0.00017	184.55	-169.00	0.00017
183.14	-170.41	0.00017	170.41	-183.14	0.00019
169.00	-184.55	0.00019	167.58	-185.97	0.00019
166.17	-187.38	0.00020	164.76	-188.80	0.00020

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
162.63	-190.92	0.00021	159.10	-194.45	0.00022	
155.56	-197.99	0.00023	148.49	-205.06	0.00026	
141.42	-212.13	0.00028	134.35	-219.20	0.00029	
127.28	-226.27	0.00030	120.21	-233.35	0.00031	
113.14	-240.42	0.00032	106.07	-247.49	0.00033	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***
 18:55:26
 **MODELOPTs:
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 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-106.07	247.49	0.00025	-113.14	240.42	0.00023	
-120.21	233.35	0.00022	-127.28	226.27	0.00020	
-134.35	219.20	0.00019	-141.42	212.13	0.00017	
-148.49	205.06	0.00016	-155.56	197.99	0.00015	
-159.10	194.45	0.00015	-162.63	190.92	0.00014	
-164.76	188.80	0.00014	-166.17	187.38	0.00014	
-167.58	185.97	0.00014	-169.00	184.55	0.00014	
-170.41	183.14	0.00013	-183.14	170.41	0.00012	
-184.55	169.00	0.00012	-185.97	167.58	0.00012	
-187.38	166.17	0.00012	-188.80	164.76	0.00012	
-190.92	162.63	0.00012	-194.45	159.10	0.00011	
-197.99	155.56	0.00011	-205.06	148.49	0.00011	
-212.13	141.42	0.00010	-219.20	134.35	0.00010	
-226.27	127.28	0.00010	-233.35	120.21	0.00009	
-240.42	113.14	0.00009	-247.49	106.07	0.00009	
-98.99	240.42	0.00029	-106.07	233.35	0.00026	
-113.14	226.27	0.00024	-120.21	219.20	0.00022	
-127.28	212.13	0.00020	-134.35	205.06	0.00019	
-141.42	197.99	0.00018	-148.49	190.92	0.00016	
-152.03	187.38	0.00016	-155.56	183.85	0.00015	
-157.68	181.73	0.00015	-159.10	180.31	0.00015	
-160.51	178.90	0.00015	-161.93	177.48	0.00015	
-163.34	176.07	0.00015	-176.07	163.34	0.00013	

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-177.48	161.93	0.00013	-178.90	160.51	0.00013
-180.31	159.10	0.00013	-181.73	157.68	0.00013
-183.85	155.56	0.00013	-187.38	152.03	0.00012
-190.92	148.49	0.00012	-197.99	141.42	0.00011
-205.06	134.35	0.00011	-212.13	127.28	0.00011
-219.20	120.21	0.00010	-226.27	113.14	0.00010
-233.35	106.07	0.00010	-240.42	98.99	0.00010
-91.92	233.35	0.00032	-99.00	226.27	0.00030
-106.07	219.20	0.00027	-113.14	212.13	0.00025
-120.21	205.06	0.00023	-127.28	197.99	0.00021
-134.35	190.92	0.00019	-141.42	183.85	0.00018
-144.96	180.31	0.00017	-148.49	176.78	0.00017
-150.61	174.66	0.00017	-152.03	173.24	0.00016
-153.44	171.83	0.00016	-154.86	170.41	0.00016
-156.27	169.00	0.00016	-169.00	156.27	0.00014
-170.41	154.86	0.00014	-171.83	153.44	0.00014
-173.24	152.03	0.00014	-174.66	150.61	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00014	-180.31	144.96	0.00013
-183.85	141.42	0.00013	-190.92	134.35	0.00012
-197.99	127.28	0.00012	-205.06	120.21	0.00011
-212.13	113.14	0.00011	-219.20	106.07	0.00011
-226.27	98.99	0.00010	-233.35	91.92	0.00010
-84.85	226.27	0.00036	-91.92	219.20	0.00033
-99.00	212.13	0.00031	-106.07	205.06	0.00028
-113.14	197.99	0.00025	-120.21	190.92	0.00023
-127.28	183.85	0.00021	-134.35	176.78	0.00020
-137.89	173.24	0.00019	-141.42	169.71	0.00018
-143.54	167.58	0.00018	-144.96	166.17	0.00018
-146.37	164.76	0.00018	-147.79	163.34	0.00017
-149.20	161.93	0.00017	-161.93	149.20	0.00016
-163.34	147.79	0.00015	-164.76	146.37	0.00015
-166.17	144.96	0.00015	-167.58	143.54	0.00015
-169.71	141.42	0.00015	-173.24	137.89	0.00014
-176.78	134.35	0.00014	-183.85	127.28	0.00013

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	120.21	0.00013	-197.99	113.14	0.00012
-205.06	106.07	0.00012	-212.13	98.99	0.00011
-219.20	91.92	0.00011	-226.27	84.85	0.00011
-77.78	219.20	0.00041	-84.85	212.13	0.00038
-91.92	205.06	0.00035	-99.00	197.99	0.00031
-106.07	190.92	0.00029	-113.14	183.85	0.00026
-120.21	176.78	0.00024	-127.28	169.71	0.00022
-130.81	166.17	0.00021	-134.35	162.63	0.00020
-136.47	160.51	0.00020	-137.89	159.10	0.00020
-139.30	157.68	0.00019	-140.71	156.27	0.00019
-142.13	154.86	0.00019	-154.86	142.13	0.00017
-156.27	140.71	0.00017	-157.68	139.30	0.00017
-159.10	137.89	0.00016	-160.51	136.47	0.00016
-162.63	134.35	0.00016	-166.17	130.81	0.00015
-169.71	127.28	0.00015	-176.78	120.21	0.00014
-183.85	113.14	0.00014	-190.92	106.07	0.00013
-197.99	98.99	0.00013	-205.06	91.92	0.00012
-212.13	84.85	0.00012	-219.20	77.78	0.00012
-70.71	212.13	0.00047	-77.78	205.06	0.00044
-84.85	197.99	0.00040	-91.92	190.92	0.00036
-98.99	183.85	0.00032	-106.07	176.78	0.00029
-113.14	169.71	0.00027	-120.21	162.63	0.00024
-123.74	159.10	0.00023	-127.28	155.56	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTS:
 PAGE 65

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00022	-130.81	152.03	0.00022
-132.23	150.61	0.00021	-133.64	149.20	0.00021
-135.06	147.79	0.00021	-147.79	135.06	0.00018
-149.20	133.64	0.00018	-150.61	132.23	0.00018
-152.03	130.81	0.00018	-153.44	129.40	0.00018
-155.56	127.28	0.00017	-159.10	123.74	0.00017
-162.63	120.21	0.00016	-169.71	113.14	0.00016
-176.78	106.07	0.00015	-183.85	98.99	0.00014
-190.92	91.92	0.00014	-197.99	84.85	0.00014
-205.06	77.78	0.00013	-212.13	70.71	0.00013
-63.64	205.06	0.00054	-70.71	197.99	0.00050

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	190.92	0.00046	-84.85	183.85	0.00042
-91.92	176.78	0.00037	-98.99	169.71	0.00033
-106.07	162.63	0.00030	-113.14	155.56	0.00027
-116.67	152.03	0.00026	-120.21	148.49	0.00025
-122.33	146.37	0.00024	-123.74	144.96	0.00024
-125.16	143.54	0.00024	-126.57	142.13	0.00023
-127.99	140.71	0.00023	-140.71	127.99	0.00020
-142.13	126.57	0.00020	-143.54	125.16	0.00020
-144.96	123.74	0.00020	-146.37	122.33	0.00019
-148.49	120.21	0.00019	-152.03	116.67	0.00018
-155.56	113.14	0.00018	-162.63	106.07	0.00017
-169.71	98.99	0.00016	-176.78	91.92	0.00015
-183.85	84.85	0.00015	-190.92	77.78	0.00015
-197.99	70.71	0.00015	-205.06	63.64	0.00015
-56.57	197.99	0.00062	-63.64	190.92	0.00058
-70.71	183.85	0.00054	-77.78	176.78	0.00048
-84.85	169.71	0.00043	-91.92	162.63	0.00038
-98.99	155.56	0.00034	-106.07	148.49	0.00031
-109.60	144.96	0.00029	-113.14	141.42	0.00028
-115.26	139.30	0.00027	-116.67	137.89	0.00027
-118.09	136.47	0.00026	-119.50	135.06	0.00026
-120.92	133.64	0.00025	-133.64	120.92	0.00022
-135.06	119.50	0.00022	-136.47	118.09	0.00022
-137.89	116.67	0.00021	-139.30	115.26	0.00021
-141.42	113.14	0.00021	-144.96	109.60	0.00020
-148.49	106.07	0.00020	-155.56	98.99	0.00018
-162.63	91.92	0.00018	-169.71	84.85	0.00017
-176.78	77.78	0.00017	-183.85	70.71	0.00016
-190.92	63.64	0.00016	-197.99	56.57	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTS:
 PAGE 66
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00070	-56.57	183.85	0.00067
-63.64	176.78	0.00063	-70.71	169.71	0.00057
-77.78	162.63	0.00051	-84.85	155.56	0.00045
-91.92	148.49	0.00039	-98.99	141.42	0.00035
-102.53	137.89	0.00033	-106.07	134.35	0.00032

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-108.19	132.23	0.00031	-109.60	130.81	0.00030
-111.02	129.40	0.00030	-112.43	127.99	0.00029
-113.84	126.57	0.00028	-126.57	113.84	0.00025
-127.99	112.43	0.00024	-129.40	111.02	0.00024
-130.81	109.60	0.00024	-132.23	108.19	0.00023
-134.35	106.07	0.00023	-137.89	102.53	0.00022
-141.42	98.99	0.00021	-148.49	91.92	0.00020
-155.56	84.85	0.00019	-162.63	77.78	0.00019
-169.71	70.71	0.00018	-176.78	63.64	0.00018
-183.85	56.57	0.00018	-190.92	49.50	0.00018
-42.43	183.85	0.00080	-49.50	176.78	0.00078
-56.57	169.71	0.00074	-63.64	162.63	0.00067
-70.71	155.56	0.00060	-77.78	148.49	0.00053
-84.85	141.42	0.00046	-91.92	134.35	0.00040
-95.46	130.81	0.00038	-98.99	127.28	0.00036
-101.12	125.16	0.00035	-102.53	123.74	0.00034
-103.94	122.33	0.00033	-105.36	120.92	0.00033
-106.77	119.50	0.00032	-119.50	106.77	0.00028
-120.92	105.36	0.00027	-122.33	103.94	0.00027
-123.74	102.53	0.00026	-125.16	101.12	0.00026
-127.28	98.99	0.00025	-130.81	95.46	0.00025
-134.35	91.92	0.00024	-141.42	84.85	0.00022
-148.49	77.78	0.00021	-155.56	70.71	0.00021
-162.63	63.64	0.00020	-169.71	56.57	0.00020
-176.78	49.50	0.00020	-183.85	42.43	0.00020
-35.36	176.78	0.00089	-42.43	169.71	0.00090
-49.50	162.63	0.00087	-56.57	155.56	0.00080
-63.64	148.49	0.00072	-70.71	141.42	0.00063
-77.78	134.35	0.00054	-84.85	127.28	0.00047
-88.39	123.74	0.00044	-91.92	120.21	0.00041
-94.05	118.09	0.00040	-95.46	116.67	0.00039
-96.87	115.26	0.00038	-98.29	113.84	0.00037
-99.70	112.43	0.00037	-112.43	99.70	0.00031
-113.84	98.29	0.00030	-115.26	96.87	0.00030
-116.67	95.46	0.00029	-118.09	94.05	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
 PAGE 67

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

		19NCRA NAPA00-300_DPM_TRAV_ANN_SE-NW Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00028	-123.74	88.39	0.00027
-127.28	84.85	0.00026	-134.35	77.78	0.00025
-141.42	70.71	0.00024	-148.49	63.64	0.00023
-155.56	56.57	0.00023	-162.63	49.50	0.00023
-169.71	42.43	0.00022	-176.78	35.36	0.00022
-28.28	169.71	0.00099	-35.36	162.63	0.00102
-42.43	155.56	0.00101	-49.50	148.49	0.00096
-56.57	141.42	0.00088	-63.64	134.35	0.00077
-70.71	127.28	0.00065	-77.78	120.21	0.00056
-81.32	116.67	0.00052	-84.85	113.14	0.00048
-86.97	111.02	0.00046	-88.39	109.60	0.00045
-89.80	108.19	0.00044	-91.22	106.77	0.00043
-92.63	105.36	0.00042	-105.36	92.63	0.00035
-106.77	91.22	0.00034	-108.19	89.80	0.00034
-109.60	88.39	0.00033	-111.02	86.97	0.00033
-113.14	84.85	0.00032	-116.67	81.32	0.00031
-120.21	77.78	0.00029	-127.28	70.71	0.00028
-134.35	63.64	0.00027	-141.42	56.57	0.00026
-148.49	49.50	0.00026	-155.56	42.43	0.00026
-162.63	35.36	0.00026	-169.71	28.28	0.00026
-21.21	162.63	0.00108	-28.28	155.56	0.00114
-35.36	148.49	0.00117	-42.43	141.42	0.00115
-49.50	134.35	0.00107	-56.57	127.28	0.00095
-63.64	120.21	0.00081	-70.71	113.14	0.00068
-74.25	109.60	0.00062	-77.78	106.07	0.00057
-79.90	103.94	0.00055	-81.32	102.53	0.00053
-82.73	101.12	0.00051	-84.15	99.70	0.00050
-85.56	98.29	0.00049	-98.29	85.56	0.00040
-99.70	84.15	0.00039	-101.12	82.73	0.00038
-102.53	81.32	0.00038	-103.94	79.90	0.00037
-106.07	77.78	0.00036	-109.60	74.25	0.00034
-113.14	70.71	0.00033	-120.21	63.64	0.00031
-127.28	56.57	0.00031	-134.35	49.50	0.00030
-141.42	42.43	0.00030	-148.49	35.36	0.00029
-155.56	28.28	0.00030	-162.63	21.21	0.00030
-14.14	155.56	0.00116	-21.21	148.49	0.00126
-28.28	141.42	0.00133	-35.36	134.35	0.00135
-42.43	127.28	0.00131	-49.50	120.21	0.00119
-56.57	113.14	0.00101	-63.64	106.07	0.00084
-67.18	102.53	0.00076	-70.71	98.99	0.00069

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:55:26

**MODELOPTS:

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00065	-74.25	95.46	0.00063
-75.66	94.05	0.00061	-77.07	92.63	0.00059
-78.49	91.22	0.00057	-91.22	78.49	0.00046
-92.63	77.07	0.00045	-94.05	75.66	0.00044
-95.46	74.25	0.00043	-96.87	72.83	0.00042
-98.99	70.71	0.00041	-102.53	67.18	0.00039
-106.07	63.64	0.00038	-113.14	56.57	0.00036
-120.21	49.50	0.00035	-127.28	42.43	0.00035
-134.35	35.36	0.00034	-141.42	28.28	0.00035
-148.49	21.21	0.00035	-155.56	14.14	0.00036
-7.07	148.49	0.00123	-14.14	141.42	0.00137
-21.21	134.35	0.00148	-28.28	127.28	0.00157
-35.36	120.21	0.00158	-42.43	113.14	0.00150
-49.50	106.07	0.00131	-56.57	98.99	0.00107
-60.10	95.46	0.00095	-63.64	91.92	0.00085
-65.76	89.80	0.00080	-67.18	88.39	0.00077
-68.59	86.97	0.00074	-70.00	85.56	0.00071
-71.42	84.15	0.00068	-84.15	71.42	0.00053
-85.56	70.00	0.00051	-86.97	68.59	0.00050
-88.39	67.18	0.00049	-89.80	65.76	0.00048
-91.92	63.64	0.00047	-95.46	60.10	0.00045
-98.99	56.57	0.00043	-106.07	49.50	0.00042
-113.14	42.43	0.00041	-120.21	35.36	0.00041
-127.28	28.28	0.00041	-134.35	21.21	0.00042
-141.42	14.14	0.00042	-148.49	7.07	0.00043
0.00	141.42	0.00129	-7.07	134.35	0.00146
-14.14	127.28	0.00162	-21.21	120.21	0.00177
-28.28	113.14	0.00187	-35.36	106.07	0.00187
-42.43	98.99	0.00171	-49.50	91.92	0.00141
-53.03	88.39	0.00125	-56.57	84.85	0.00109
-58.69	82.73	0.00101	-60.10	81.32	0.00096
-61.52	79.90	0.00092	-62.93	78.49	0.00087
-64.35	77.07	0.00083	-77.07	64.35	0.00061
-78.49	62.93	0.00060	-79.90	61.52	0.00058
-81.32	60.10	0.00057	-82.73	58.69	0.00056
-84.85	56.57	0.00054	-88.39	53.03	0.00052
-91.92	49.50	0.00051	-98.99	42.43	0.00049

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	35.36	0.00049	-113.14	28.28	0.00049
-120.21	21.21	0.00051	-127.28	14.14	0.00051
-134.35	7.07	0.00051	-141.42	0.00	0.00051

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
 PAGE 69

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00134	0.00	127.28	0.00154
-7.07	120.21	0.00175	-14.14	113.14	0.00196
-21.21	106.07	0.00215	-28.28	98.99	0.00226
-35.36	91.92	0.00222	-42.43	84.85	0.00192
-45.96	81.32	0.00170	-49.50	77.78	0.00147
-51.62	75.66	0.00134	-53.03	74.25	0.00125
-54.45	72.83	0.00118	-55.86	71.42	0.00111
-57.28	70.00	0.00105	-70.00	57.28	0.00072
-71.42	55.86	0.00070	-72.83	54.45	0.00068
-74.25	53.03	0.00067	-75.66	51.62	0.00065
-77.78	49.50	0.00063	-81.32	45.96	0.00061
-84.85	42.43	0.00060	-91.92	35.36	0.00059
-98.99	28.28	0.00060	-106.07	21.21	0.00062
-113.14	14.14	0.00063	-120.21	7.07	0.00063
-127.28	0.00	0.00062	-134.35	-7.07	0.00061
14.14	127.28	0.00136	7.07	120.21	0.00159
0.00	113.14	0.00185	-7.07	106.07	0.00213
-14.14	98.99	0.00240	-21.21	91.92	0.00264
-28.28	84.85	0.00278	-35.36	77.78	0.00264
-38.89	74.25	0.00241	-42.43	70.71	0.00209
-44.55	68.59	0.00188	-45.96	67.18	0.00174
-47.38	65.76	0.00161	-48.79	64.35	0.00148
-50.20	62.93	0.00137	-62.93	50.20	0.00085
-64.35	48.79	0.00083	-65.76	47.38	0.00081
-67.18	45.96	0.00079	-68.59	44.55	0.00077
-70.71	42.43	0.00076	-74.25	38.89	0.00074
-77.78	35.36	0.00074	-84.85	28.28	0.00075
-91.92	21.21	0.00078	-98.99	14.14	0.00079
-106.07	7.07	0.00079	-113.14	0.00	0.00078
-120.21	-7.07	0.00076	-127.28	-14.14	0.00073
21.21	120.21	0.00136	14.14	113.14	0.00161

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

7.07	106.07	0.00191	0.00	98.99	0.00225
-7.07	91.92	0.00262	-14.14	84.85	0.00300
-21.21	77.78	0.00332	-28.28	70.71	0.00347
-31.82	67.18	0.00338	-35.36	63.64	0.00310
-37.48	61.52	0.00282	-38.89	60.10	0.00261
-40.31	58.69	0.00238	-41.72	57.28	0.00216
-43.13	55.86	0.00194	-55.86	43.13	0.00102
-57.28	41.72	0.00099	-58.69	40.31	0.00097
-60.10	38.89	0.00096	-61.52	37.48	0.00094

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
 PAGE 70
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00093	-67.18	31.82	0.00094
-70.71	28.28	0.00096	-77.78	21.21	0.00100
-84.85	14.14	0.00103	-91.92	7.07	0.00102
-98.99	0.00	0.00100	-106.07	-7.07	0.00096
-113.14	-14.14	0.00091	-120.21	-21.21	0.00086
28.28	113.14	0.00134	21.21	106.07	0.00160
14.14	98.99	0.00193	7.07	91.92	0.00233
0.00	84.85	0.00278	-7.07	77.78	0.00329
-14.14	70.71	0.00380	-21.21	63.64	0.00424
-24.75	60.10	0.00439	-28.28	56.57	0.00438
-30.41	54.45	0.00426	-31.82	53.03	0.00409
-33.23	51.62	0.00384	-34.65	50.20	0.00351
-36.06	48.79	0.00313	-48.79	36.06	0.00126
-50.20	34.65	0.00124	-51.62	33.23	0.00122
-53.03	31.82	0.00122	-54.45	30.41	0.00123
-56.57	28.28	0.00125	-60.10	24.75	0.00129
-63.64	21.21	0.00133	-70.71	14.14	0.00137
-77.78	7.07	0.00136	-84.85	0.00	0.00131
-91.92	-7.07	0.00124	-98.99	-14.14	0.00116
-106.07	-21.21	0.00108	-113.14	-28.28	0.00100
35.36	106.07	0.00131	28.28	98.99	0.00157
21.21	91.92	0.00191	14.14	84.85	0.00234
7.07	77.78	0.00287	0.00	70.71	0.00348
-7.07	63.64	0.00416	-14.14	56.57	0.00487
-17.68	53.03	0.00522	-21.21	49.50	0.00552

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-23.33	47.38	0.00565	-24.75	45.96	0.00569
-26.16	44.55	0.00569	-27.58	43.13	0.00560
-28.99	41.72	0.00537	-41.72	28.99	0.00178
-43.13	27.58	0.00180	-44.55	26.16	0.00182
-45.96	24.75	0.00183	-47.38	23.33	0.00185
-49.50	21.21	0.00187	-53.03	17.68	0.00189
-56.57	14.14	0.00190	-63.64	7.07	0.00185
-70.71	0.00	0.00175	-77.78	-7.07	0.00163
-84.85	-14.14	0.00150	-91.92	-21.21	0.00137
-98.99	-28.28	0.00125	-106.07	-35.36	0.00114
42.43	98.99	0.00126	35.36	91.92	0.00151
28.28	84.85	0.00185	21.21	77.78	0.00229
14.14	70.71	0.00286	7.07	63.64	0.00356
0.00	56.57	0.00437	-7.07	49.50	0.00527
-10.61	45.96	0.00575	-14.14	42.43	0.00622

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00647	-17.68	38.89	0.00660
-19.09	37.48	0.00671	-20.51	36.06	0.00685
-21.92	34.65	0.00692	-34.65	21.92	0.00333
-36.06	20.51	0.00313	-37.48	19.09	0.00300
-38.89	17.68	0.00290	-40.31	16.26	0.00282
-42.43	14.14	0.00274	-45.96	10.61	0.00264
-49.50	7.07	0.00256	-56.57	0.00	0.00237
-63.64	-7.07	0.00217	-70.71	-14.14	0.00196
-77.78	-21.21	0.00176	-84.85	-28.28	0.00158
-91.92	-35.36	0.00141	-98.99	-42.43	0.00127
49.50	91.92	0.00119	42.43	84.85	0.00143
35.36	77.78	0.00175	28.28	70.71	0.00218
21.21	63.64	0.00276	14.14	56.57	0.00350
7.07	49.50	0.00441	0.00	42.43	0.00543
-3.54	38.89	0.00596	-7.07	35.36	0.00648
-9.19	33.23	0.00675	-10.61	31.82	0.00689
-12.02	30.41	0.00699	-13.44	28.99	0.00707
-14.85	27.58	0.00715	-27.58	14.85	0.00422
-28.99	13.44	0.00407	-30.41	12.02	0.00395

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	10.61	0.00385	-33.23	9.19	0.00376
-35.36	7.07	0.00363	-38.89	3.54	0.00344
-42.43	0.00	0.00326	-49.50	-7.07	0.00292
-56.57	-14.14	0.00259	-63.64	-21.21	0.00229
-70.71	-28.28	0.00202	-77.78	-35.36	0.00178
-84.85	-42.43	0.00157	-91.92	-49.50	0.00139
56.57	84.85	0.00111	49.50	77.78	0.00133
42.43	70.71	0.00163	35.36	63.64	0.00202
28.28	56.57	0.00257	21.21	49.50	0.00331
14.14	42.43	0.00426	7.07	35.36	0.00537
3.54	31.82	0.00594	0.00	28.28	0.00648
-2.12	26.16	0.00676	-3.54	24.75	0.00692
-4.95	23.33	0.00703	-6.36	21.92	0.00710
-7.78	20.51	0.00718	-20.51	7.78	0.00456
-21.92	6.36	0.00445	-23.33	4.95	0.00437
-24.75	3.54	0.00431	-26.16	2.12	0.00425
-28.28	0.00	0.00416	-31.82	-3.54	0.00400
-35.36	-7.07	0.00382	-42.43	-14.14	0.00342
-49.50	-21.21	0.00300	-56.57	-28.28	0.00262
-63.64	-35.36	0.00227	-70.71	-42.43	0.00197
-77.78	-49.50	0.00171	-84.85	-56.57	0.00150

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00102	56.57	70.71	0.00122
49.50	63.64	0.00149	42.43	56.57	0.00184
35.36	49.50	0.00232	28.28	42.43	0.00300
21.21	35.36	0.00394	14.14	28.28	0.00512
10.61	24.75	0.00574	7.07	21.21	0.00632
4.95	19.09	0.00664	3.54	17.68	0.00682
2.12	16.26	0.00696	0.71	14.85	0.00705
-0.71	13.44	0.00713	-13.44	0.71	0.00471
-14.85	-0.71	0.00463	-16.26	-2.12	0.00457
-17.68	-3.54	0.00453	-19.09	-4.95	0.00449
-21.21	-7.07	0.00443	-24.75	-10.61	0.00431
-28.28	-14.14	0.00416	-35.36	-21.21	0.00377
-42.43	-28.28	0.00332	-49.50	-35.36	0.00288

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-42.43	0.00247	-63.64	-49.50	0.00212
-70.71	-56.57	0.00183	-77.78	-63.64	0.00159
70.71	70.71	0.00092	63.64	63.64	0.00110
56.57	56.57	0.00133	49.50	49.50	0.00163
42.43	42.43	0.00204	35.36	35.36	0.00262
28.28	28.28	0.00346	21.21	21.21	0.00464
17.68	17.68	0.00533	14.14	14.14	0.00601
12.02	12.02	0.00637	10.61	10.61	0.00658
9.19	9.19	0.00676	7.78	7.78	0.00689
6.36	6.36	0.00697	-6.36	-6.36	0.00476
-7.78	-7.78	0.00469	-9.19	-9.19	0.00465
-10.61	-10.61	0.00462	-12.02	-12.02	0.00460
-14.14	-14.14	0.00455	-17.68	-17.68	0.00446
-21.21	-21.21	0.00433	-28.28	-28.28	0.00396
-35.36	-35.36	0.00351	-42.43	-42.43	0.00304
-49.50	-49.50	0.00260	-56.57	-56.57	0.00223
-63.64	-63.64	0.00192	-70.71	-70.71	0.00166
77.78	63.64	0.00082	70.71	56.57	0.00097
63.64	49.50	0.00116	56.57	42.43	0.00141
49.50	35.36	0.00175	42.43	28.28	0.00221
35.36	21.21	0.00289	28.28	14.14	0.00393
24.75	10.61	0.00464	21.21	7.07	0.00542
19.09	4.95	0.00587	17.68	3.54	0.00614
16.26	2.12	0.00637	14.85	0.71	0.00655
13.44	-0.71	0.00668	0.71	-13.44	0.00473
-0.71	-14.85	0.00467	-2.12	-16.26	0.00465
-3.54	-17.68	0.00463	-4.95	-19.09	0.00461

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00457	-10.61	-24.75	0.00449
-14.14	-28.28	0.00437	-21.21	-35.36	0.00400
-28.28	-42.43	0.00354	-35.36	-49.50	0.00308
-42.43	-56.57	0.00265	-49.50	-63.64	0.00227
-56.57	-70.71	0.00195	-63.64	-77.78	0.00169
84.85	56.57	0.00073	77.78	49.50	0.00085
70.71	42.43	0.00100	63.64	35.36	0.00119

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

56.57	28.28	0.00145	49.50	21.21	0.00180
42.43	14.14	0.00231	35.36	7.07	0.00309
31.82	3.54	0.00367	28.28	0.00	0.00442
26.16	-2.12	0.00494	24.75	-3.54	0.00529
23.33	-4.95	0.00562	21.92	-6.36	0.00590
20.51	-7.78	0.00613	7.78	-20.51	0.00462
6.36	-21.92	0.00457	4.95	-23.33	0.00455
3.54	-24.75	0.00454	2.12	-26.16	0.00452
0.00	-28.28	0.00449	-3.54	-31.82	0.00440
-7.07	-35.36	0.00426	-14.14	-42.43	0.00388
-21.21	-49.50	0.00344	-28.28	-56.57	0.00300
-35.36	-63.64	0.00260	-42.43	-70.71	0.00224
-49.50	-77.78	0.00193	-56.57	-84.85	0.00168
91.92	49.50	0.00063	84.85	42.43	0.00073
77.78	35.36	0.00085	70.71	28.28	0.00099
63.64	21.21	0.00118	56.57	14.14	0.00142
49.50	7.07	0.00176	42.43	0.00	0.00227
38.89	-3.54	0.00264	35.36	-7.07	0.00312
33.23	-9.19	0.00350	31.82	-10.61	0.00381
30.41	-12.02	0.00416	28.99	-13.44	0.00454
27.58	-14.85	0.00494	14.85	-27.58	0.00442
13.44	-28.99	0.00437	12.02	-30.41	0.00434
10.61	-31.82	0.00432	9.19	-33.23	0.00429
7.07	-35.36	0.00424	3.54	-38.89	0.00411
0.00	-42.43	0.00397	-7.07	-49.50	0.00360
-14.14	-56.57	0.00320	-21.21	-63.64	0.00282
-28.28	-70.71	0.00246	-35.36	-77.78	0.00215
-42.43	-84.85	0.00187	-49.50	-91.92	0.00164
98.99	42.43	0.00054	91.92	35.36	0.00062
84.85	28.28	0.00070	77.78	21.21	0.00081
70.71	14.14	0.00093	63.64	7.07	0.00109
56.57	0.00	0.00130	49.50	-7.07	0.00157
45.96	-10.61	0.00174	42.43	-14.14	0.00194

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
 PAGE 74
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00208	38.89	-17.68	0.00219

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

37.48	-19.09	0.00231	36.06	-20.51	0.00247
34.65	-21.92	0.00269	21.92	-34.65	0.00391
20.51	-36.06	0.00382	19.09	-37.48	0.00376
17.68	-38.89	0.00372	16.26	-40.31	0.00369
14.14	-42.43	0.00364	10.61	-45.96	0.00355
7.07	-49.50	0.00344	0.00	-56.57	0.00318
-7.07	-63.64	0.00287	-14.14	-70.71	0.00256
-21.21	-77.78	0.00227	-28.28	-84.85	0.00201
-35.36	-91.92	0.00177	-42.43	-98.99	0.00157
106.07	35.36	0.00046	98.99	28.28	0.00052
91.92	21.21	0.00058	84.85	14.14	0.00065
77.78	7.07	0.00073	70.71	0.00	0.00082
63.64	-7.07	0.00093	56.57	-14.14	0.00105
53.03	-17.68	0.00111	49.50	-21.21	0.00116
47.38	-23.33	0.00118	45.96	-24.75	0.00119
44.55	-26.16	0.00120	43.13	-27.58	0.00120
41.72	-28.99	0.00120	28.99	-41.72	0.00234
27.58	-43.13	0.00248	26.16	-44.55	0.00258
24.75	-45.96	0.00265	23.33	-47.38	0.00271
21.21	-49.50	0.00277	17.68	-53.03	0.00281
14.14	-56.57	0.00280	7.07	-63.64	0.00268
0.00	-70.71	0.00249	-7.07	-77.78	0.00227
-14.14	-84.85	0.00205	-21.21	-91.92	0.00184
-28.28	-98.99	0.00165	-35.36	-106.07	0.00147
113.14	28.28	0.00039	106.07	21.21	0.00043
98.99	14.14	0.00047	91.92	7.07	0.00052
84.85	0.00	0.00057	77.78	-7.07	0.00063
70.71	-14.14	0.00068	63.64	-21.21	0.00074
60.10	-24.75	0.00076	56.57	-28.28	0.00078
54.45	-30.41	0.00080	53.03	-31.82	0.00081
51.62	-33.23	0.00083	50.20	-34.65	0.00085
48.79	-36.06	0.00087	36.06	-48.79	0.00139
34.65	-50.20	0.00149	33.23	-51.62	0.00159
31.82	-53.03	0.00168	30.41	-54.45	0.00176
28.28	-56.57	0.00187	24.75	-60.10	0.00201
21.21	-63.64	0.00209	14.14	-70.71	0.00214
7.07	-77.78	0.00207	0.00	-84.85	0.00195
-7.07	-91.92	0.00180	-14.14	-98.99	0.00165
-21.21	-106.07	0.00150	-28.28	-113.14	0.00136

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:55:26

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00034	113.14	14.14	0.00036
106.07	7.07	0.00039	98.99	0.00	0.00042
91.92	-7.07	0.00045	84.85	-14.14	0.00048
77.78	-21.21	0.00052	70.71	-28.28	0.00055
67.18	-31.82	0.00058	63.64	-35.36	0.00061
61.52	-37.48	0.00063	60.10	-38.89	0.00065
58.69	-40.31	0.00067	57.28	-41.72	0.00068
55.86	-43.13	0.00070	43.13	-55.86	0.00099
41.72	-57.28	0.00105	40.31	-58.69	0.00111
38.89	-60.10	0.00117	37.48	-61.52	0.00122
35.36	-63.64	0.00130	31.82	-67.18	0.00141
28.28	-70.71	0.00150	21.21	-77.78	0.00162
14.14	-84.85	0.00164	7.07	-91.92	0.00160
0.00	-98.99	0.00153	-7.07	-106.07	0.00144
-14.14	-113.14	0.00133	-21.21	-120.21	0.00123
127.28	14.14	0.00028	120.21	7.07	0.00030
113.14	0.00	0.00032	106.07	-7.07	0.00034
98.99	-14.14	0.00036	91.92	-21.21	0.00039
84.85	-28.28	0.00041	77.78	-35.36	0.00045
74.25	-38.89	0.00048	70.71	-42.43	0.00051
68.59	-44.55	0.00053	67.18	-45.96	0.00054
65.76	-47.38	0.00055	64.35	-48.79	0.00056
62.93	-50.20	0.00057	50.20	-62.93	0.00075
48.79	-64.35	0.00079	47.38	-65.76	0.00083
45.96	-67.18	0.00087	44.55	-68.59	0.00091
42.43	-70.71	0.00096	38.89	-74.25	0.00104
35.36	-77.78	0.00110	28.28	-84.85	0.00121
21.21	-91.92	0.00127	14.14	-98.99	0.00128
7.07	-106.07	0.00126	0.00	-113.14	0.00122
-7.07	-120.21	0.00116	-14.14	-127.28	0.00109
134.35	7.07	0.00024	127.28	0.00	0.00025
120.21	-7.07	0.00027	113.14	-14.14	0.00028
106.07	-21.21	0.00030	98.99	-28.28	0.00032
91.92	-35.36	0.00034	84.85	-42.43	0.00039
81.32	-45.96	0.00041	77.78	-49.50	0.00043
75.66	-51.62	0.00044	74.25	-53.03	0.00045
72.83	-54.45	0.00046	71.42	-55.86	0.00047
70.00	-57.28	0.00047	57.28	-70.00	0.00059
55.86	-71.42	0.00062	54.45	-72.83	0.00065

53.03 -74.25 0.00068 51.62 -75.66 0.00070

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:
 PAGE 76

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00074	45.96	-81.32	0.00080
42.43	-84.85	0.00085	35.36	-91.92	0.00093
28.28	-98.99	0.00098	21.21	-106.07	0.00102
14.14	-113.14	0.00103	7.07	-120.21	0.00101
0.00	-127.28	0.00099	-7.07	-134.35	0.00095
141.42	0.00	0.00021	134.35	-7.07	0.00021
127.28	-14.14	0.00022	120.21	-21.21	0.00024
113.14	-28.28	0.00025	106.07	-35.36	0.00027
98.99	-42.43	0.00030	91.92	-49.50	0.00033
88.39	-53.03	0.00035	84.85	-56.57	0.00037
82.73	-58.69	0.00038	81.32	-60.10	0.00038
79.90	-61.52	0.00039	78.49	-62.93	0.00039
77.07	-64.35	0.00040	64.35	-77.07	0.00048
62.93	-78.49	0.00050	61.52	-79.90	0.00052
60.10	-81.32	0.00054	58.69	-82.73	0.00056
56.57	-84.85	0.00059	53.03	-88.39	0.00063
49.50	-91.92	0.00067	42.43	-98.99	0.00073
35.36	-106.07	0.00078	28.28	-113.14	0.00081
21.21	-120.21	0.00083	14.14	-127.28	0.00084
7.07	-134.35	0.00083	0.00	-141.42	0.00081
148.49	-7.07	0.00018	141.42	-14.14	0.00018
134.35	-21.21	0.00019	127.28	-28.28	0.00020
120.21	-35.36	0.00022	113.14	-42.43	0.00024
106.07	-49.50	0.00026	98.99	-56.57	0.00029
95.46	-60.10	0.00030	91.92	-63.64	0.00032
89.80	-65.76	0.00032	88.39	-67.18	0.00033
86.97	-68.59	0.00033	85.56	-70.00	0.00034
84.15	-71.42	0.00034	71.42	-84.15	0.00040
70.00	-85.56	0.00041	68.59	-86.97	0.00042
67.18	-88.39	0.00044	65.76	-89.80	0.00045
63.64	-91.92	0.00048	60.10	-95.46	0.00051
56.57	-98.99	0.00054	49.50	-106.07	0.00059
42.43	-113.14	0.00063	35.36	-120.21	0.00066

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-127.28	0.00068	21.21	-134.35	0.00069
14.14	-141.42	0.00070	7.07	-148.49	0.00069
155.56	-14.14	0.00015	148.49	-21.21	0.00016
141.42	-28.28	0.00017	134.35	-35.36	0.00018
127.28	-42.43	0.00019	120.21	-49.50	0.00021
113.14	-56.57	0.00023	106.07	-63.64	0.00026
102.53	-67.18	0.00027	98.99	-70.71	0.00028

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:
 PAGE 77

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00028	95.46	-74.25	0.00028
94.05	-75.66	0.00029	92.63	-77.07	0.00029
91.22	-78.49	0.00029	78.49	-91.22	0.00033
77.07	-92.63	0.00034	75.66	-94.05	0.00035
74.25	-95.46	0.00036	72.83	-96.87	0.00037
70.71	-98.99	0.00039	67.18	-102.53	0.00042
63.64	-106.07	0.00045	56.57	-113.14	0.00049
49.50	-120.21	0.00052	42.43	-127.28	0.00055
35.36	-134.35	0.00056	28.28	-141.42	0.00058
21.21	-148.49	0.00059	14.14	-155.56	0.00059
162.63	-21.21	0.00013	155.56	-28.28	0.00014
148.49	-35.36	0.00015	141.42	-42.43	0.00016
134.35	-49.50	0.00017	127.28	-56.57	0.00019
120.21	-63.64	0.00021	113.14	-70.71	0.00023
109.60	-74.25	0.00023	106.07	-77.78	0.00024
103.94	-79.90	0.00024	102.53	-81.32	0.00025
101.12	-82.73	0.00025	99.70	-84.15	0.00025
98.29	-85.56	0.00025	85.56	-98.29	0.00028
84.15	-99.70	0.00029	82.73	-101.12	0.00030
81.32	-102.53	0.00031	79.90	-103.94	0.00032
77.78	-106.07	0.00033	74.25	-109.60	0.00035
70.71	-113.14	0.00037	63.64	-120.21	0.00041
56.57	-127.28	0.00044	49.50	-134.35	0.00046
42.43	-141.42	0.00047	35.36	-148.49	0.00049
28.28	-155.56	0.00050	21.21	-162.63	0.00050
169.71	-28.28	0.00012	162.63	-35.36	0.00012
155.56	-42.43	0.00013	148.49	-49.50	0.00015

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-56.57	0.00016	134.35	-63.64	0.00017
127.28	-70.71	0.00019	120.21	-77.78	0.00020
116.67	-81.32	0.00021	113.14	-84.85	0.00021
111.02	-86.97	0.00021	109.60	-88.39	0.00022
108.19	-89.80	0.00022	106.77	-91.22	0.00022
105.36	-92.63	0.00022	92.63	-105.36	0.00024
91.22	-106.77	0.00025	89.80	-108.19	0.00026
88.39	-109.60	0.00026	86.97	-111.02	0.00027
84.85	-113.14	0.00028	81.32	-116.67	0.00030
77.78	-120.21	0.00032	70.71	-127.28	0.00035
63.64	-134.35	0.00037	56.57	-141.42	0.00039
49.50	-148.49	0.00040	42.43	-155.56	0.00042
35.36	-162.63	0.00042	28.28	-169.71	0.00043

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00011	169.71	-42.43	0.00011
162.63	-49.50	0.00012	155.56	-56.57	0.00013
148.49	-63.64	0.00014	141.42	-70.71	0.00016
134.35	-77.78	0.00017	127.28	-84.85	0.00018
123.74	-88.39	0.00018	120.21	-91.92	0.00019
118.09	-94.05	0.00019	116.67	-95.46	0.00019
115.26	-96.87	0.00019	113.84	-98.29	0.00019
112.43	-99.70	0.00019	99.70	-112.43	0.00021
98.29	-113.84	0.00022	96.87	-115.26	0.00022
95.46	-116.67	0.00023	94.05	-118.09	0.00023
91.92	-120.21	0.00024	88.39	-123.74	0.00026
84.85	-127.28	0.00027	77.78	-134.35	0.00030
70.71	-141.42	0.00032	63.64	-148.49	0.00034
56.57	-155.56	0.00035	49.50	-162.63	0.00036
42.43	-169.71	0.00037	35.36	-176.78	0.00037
183.85	-42.43	0.00010	176.78	-49.50	0.00010
169.71	-56.57	0.00011	162.63	-63.64	0.00012
155.56	-70.71	0.00013	148.49	-77.78	0.00014
141.42	-84.85	0.00015	134.35	-91.92	0.00016
130.81	-95.46	0.00016	127.28	-98.99	0.00017
125.16	-101.12	0.00017	123.74	-102.53	0.00017

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

122.33	-103.94	0.00017	120.92	-105.36	0.00017
119.50	-106.77	0.00017	106.77	-119.50	0.00019
105.36	-120.92	0.00019	103.94	-122.33	0.00019
102.53	-123.74	0.00020	101.12	-125.16	0.00020
98.99	-127.28	0.00021	95.46	-130.81	0.00022
91.92	-134.35	0.00023	84.85	-141.42	0.00026
77.78	-148.49	0.00028	70.71	-155.56	0.00029
63.64	-162.63	0.00030	56.57	-169.71	0.00031
49.50	-176.78	0.00032	42.43	-183.85	0.00033
190.92	-49.50	0.00009	183.85	-56.57	0.00010
176.78	-63.64	0.00011	169.71	-70.71	0.00011
162.63	-77.78	0.00012	155.56	-84.85	0.00013
148.49	-91.92	0.00014	141.42	-98.99	0.00014
137.89	-102.53	0.00015	134.35	-106.07	0.00015
132.23	-108.19	0.00015	130.81	-109.60	0.00015
129.40	-111.02	0.00015	127.99	-112.43	0.00015
126.57	-113.84	0.00015	113.84	-126.57	0.00017
112.43	-127.99	0.00017	111.02	-129.40	0.00017
109.60	-130.81	0.00018	108.19	-132.23	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
 PAGE 79
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00018	102.53	-137.89	0.00019
98.99	-141.42	0.00020	91.92	-148.49	0.00022
84.85	-155.56	0.00024	77.78	-162.63	0.00026
70.71	-169.71	0.00027	63.64	-176.78	0.00028
56.57	-183.85	0.00028	49.50	-190.92	0.00029
197.99	-56.57	0.00008	190.92	-63.64	0.00009
183.85	-70.71	0.00010	176.78	-77.78	0.00010
169.71	-84.85	0.00011	162.63	-91.92	0.00012
155.56	-98.99	0.00012	148.49	-106.07	0.00013
144.96	-109.60	0.00013	141.42	-113.14	0.00014
139.30	-115.26	0.00014	137.89	-116.67	0.00014
136.47	-118.09	0.00014	135.06	-119.50	0.00014
133.64	-120.92	0.00014	120.92	-133.64	0.00015
119.50	-135.06	0.00015	118.09	-136.47	0.00015
116.67	-137.89	0.00016	115.26	-139.30	0.00016

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

113.14	-141.42	0.00016	109.60	-144.96	0.00017
106.07	-148.49	0.00018	98.99	-155.56	0.00020
91.92	-162.63	0.00021	84.85	-169.71	0.00023
77.78	-176.78	0.00024	70.71	-183.85	0.00024
63.64	-190.92	0.00025	56.57	-197.99	0.00026
205.06	-63.64	0.00008	197.99	-70.71	0.00009
190.92	-77.78	0.00009	183.85	-84.85	0.00010
176.78	-91.92	0.00010	169.71	-98.99	0.00011
162.63	-106.07	0.00011	155.56	-113.14	0.00012
152.03	-116.67	0.00012	148.49	-120.21	0.00012
146.37	-122.33	0.00012	144.96	-123.74	0.00012
143.54	-125.16	0.00012	142.13	-126.57	0.00012
140.71	-127.99	0.00013	127.99	-140.71	0.00013
126.57	-142.13	0.00014	125.16	-143.54	0.00014
123.74	-144.96	0.00014	122.33	-146.37	0.00014
120.21	-148.49	0.00015	116.67	-152.03	0.00015
113.14	-155.56	0.00016	106.07	-162.63	0.00017
98.99	-169.71	0.00019	91.92	-176.78	0.00020
84.85	-183.85	0.00021	77.78	-190.92	0.00022
70.71	-197.99	0.00022	63.64	-205.06	0.00023
212.13	-70.71	0.00008	205.06	-77.78	0.00008
197.99	-84.85	0.00009	190.92	-91.92	0.00009
183.85	-98.99	0.00009	176.78	-106.07	0.00010
169.71	-113.14	0.00010	162.63	-120.21	0.00011
159.10	-123.74	0.00011	155.56	-127.28	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:
 PAGE 80

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00011	152.03	-130.81	0.00011
150.61	-132.23	0.00011	149.20	-133.64	0.00011
147.79	-135.06	0.00011	135.06	-147.79	0.00012
133.64	-149.20	0.00012	132.23	-150.61	0.00012
130.81	-152.03	0.00013	129.40	-153.44	0.00013
127.28	-155.56	0.00013	123.74	-159.10	0.00014
120.21	-162.63	0.00014	113.14	-169.71	0.00016
106.07	-176.78	0.00017	98.99	-183.85	0.00018
91.92	-190.92	0.00019	84.85	-197.99	0.00019

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-205.06	0.00020	70.71	-212.13	0.00020
219.20	-77.78	0.00007	212.13	-84.85	0.00008
205.06	-91.92	0.00008	197.99	-98.99	0.00008
190.92	-106.07	0.00009	183.85	-113.14	0.00009
176.78	-120.21	0.00010	169.71	-127.28	0.00010
166.17	-130.81	0.00010	162.63	-134.35	0.00010
160.51	-136.47	0.00010	159.10	-137.89	0.00010
157.68	-139.30	0.00010	156.27	-140.71	0.00010
154.86	-142.13	0.00010	142.13	-154.86	0.00011
140.71	-156.27	0.00011	139.30	-157.68	0.00011
137.89	-159.10	0.00011	136.47	-160.51	0.00012
134.35	-162.63	0.00012	130.81	-166.17	0.00012
127.28	-169.71	0.00013	120.21	-176.78	0.00014
113.14	-183.85	0.00015	106.07	-190.92	0.00016
98.99	-197.99	0.00017	91.92	-205.06	0.00017
84.85	-212.13	0.00018	77.78	-219.20	0.00018
226.27	-84.85	0.00007	219.20	-91.92	0.00007
212.13	-98.99	0.00007	205.06	-106.07	0.00008
197.99	-113.14	0.00008	190.92	-120.21	0.00009
183.85	-127.28	0.00009	176.78	-134.35	0.00009
173.24	-137.89	0.00009	169.71	-141.42	0.00009
167.58	-143.54	0.00009	166.17	-144.96	0.00009
164.76	-146.37	0.00009	163.34	-147.79	0.00010
161.93	-149.20	0.00010	149.20	-161.93	0.00010
147.79	-163.34	0.00010	146.37	-164.76	0.00010
144.96	-166.17	0.00010	143.54	-167.58	0.00011
141.42	-169.71	0.00011	137.89	-173.24	0.00011
134.35	-176.78	0.00012	127.28	-183.85	0.00013
120.21	-190.92	0.00014	113.14	-197.99	0.00014
106.07	-205.06	0.00015	98.99	-212.13	0.00016
91.92	-219.20	0.00016	84.85	-226.27	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
 PAGE 81

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00006	226.27	-98.99	0.00007
219.20	-106.07	0.00007	212.13	-113.14	0.00007
205.06	-120.21	0.00008	197.99	-127.28	0.00008

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-134.35	0.00008	183.85	-141.42	0.00008
180.31	-144.96	0.00009	176.78	-148.49	0.00009
174.66	-150.61	0.00009	173.24	-152.03	0.00009
171.83	-153.44	0.00009	170.41	-154.86	0.00009
169.00	-156.27	0.00009	156.27	-169.00	0.00009
154.86	-170.41	0.00009	153.44	-171.83	0.00009
152.03	-173.24	0.00010	150.61	-174.66	0.00010
148.49	-176.78	0.00010	144.96	-180.31	0.00010
141.42	-183.85	0.00011	134.35	-190.92	0.00011
127.28	-197.99	0.00012	120.21	-205.06	0.00013
113.14	-212.13	0.00014	106.07	-219.20	0.00014
98.99	-226.27	0.00015	91.92	-233.35	0.00015
240.42	-98.99	0.00006	233.35	-106.07	0.00006
226.27	-113.14	0.00007	219.20	-120.21	0.00007
212.13	-127.28	0.00007	205.06	-134.35	0.00007
197.99	-141.42	0.00008	190.92	-148.49	0.00008
187.38	-152.03	0.00008	183.85	-155.56	0.00008
181.73	-157.68	0.00008	180.31	-159.10	0.00008
178.90	-160.51	0.00008	177.48	-161.93	0.00008
176.07	-163.34	0.00008	163.34	-176.07	0.00009
161.93	-177.48	0.00009	160.51	-178.90	0.00009
159.10	-180.31	0.00009	157.68	-181.73	0.00009
155.56	-183.85	0.00009	152.03	-187.38	0.00009
148.49	-190.92	0.00010	141.42	-197.99	0.00010
134.35	-205.06	0.00011	127.28	-212.13	0.00012
120.21	-219.20	0.00012	113.14	-226.27	0.00013
106.07	-233.35	0.00013	98.99	-240.42	0.00014
247.49	-106.07	0.00006	240.42	-113.14	0.00006
233.35	-120.21	0.00006	226.27	-127.28	0.00006
219.20	-134.35	0.00007	212.13	-141.42	0.00007
205.06	-148.49	0.00007	197.99	-155.56	0.00007
194.45	-159.10	0.00007	190.92	-162.63	0.00007
188.80	-164.76	0.00007	187.38	-166.17	0.00007
185.97	-167.58	0.00007	184.55	-169.00	0.00008
183.14	-170.41	0.00008	170.41	-183.14	0.00008
169.00	-184.55	0.00008	167.58	-185.97	0.00008
166.17	-187.38	0.00008	164.76	-188.80	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:
 PAGE 82

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00008	159.10	-194.45	0.00009
155.56	-197.99	0.00009	148.49	-205.06	0.00010
141.42	-212.13	0.00010	134.35	-219.20	0.00011
127.28	-226.27	0.00011	120.21	-233.35	0.00012
113.14	-240.42	0.00012	106.07	-247.49	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
 PAGE 83
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00080	-113.14	240.42	0.00078
-120.21	233.35	0.00074	-127.28	226.27	0.00067
-134.35	219.20	0.00060	-141.42	212.13	0.00053
-148.49	205.06	0.00046	-155.56	197.99	0.00040
-159.10	194.45	0.00038	-162.63	190.92	0.00036
-164.76	188.80	0.00035	-166.17	187.38	0.00034
-167.58	185.97	0.00033	-169.00	184.55	0.00033
-170.41	183.14	0.00032	-183.14	170.41	0.00028
-184.55	169.00	0.00027	-185.97	167.58	0.00027
-187.38	166.17	0.00026	-188.80	164.76	0.00026
-190.92	162.63	0.00025	-194.45	159.10	0.00025
-197.99	155.56	0.00024	-205.06	148.49	0.00022
-212.13	141.42	0.00021	-219.20	134.35	0.00021
-226.27	127.28	0.00020	-233.35	120.21	0.00020
-240.42	113.14	0.00020	-247.49	106.07	0.00020
-98.99	240.42	0.00089	-106.07	233.35	0.00090
-113.14	226.27	0.00087	-120.21	219.20	0.00080
-127.28	212.13	0.00072	-134.35	205.06	0.00063
-141.42	197.99	0.00054	-148.49	190.92	0.00047
-152.03	187.38	0.00044	-155.56	183.85	0.00041
-157.68	181.73	0.00040	-159.10	180.31	0.00039
-160.51	178.90	0.00038	-161.93	177.48	0.00037
-163.34	176.07	0.00037	-176.07	163.34	0.00031
-177.48	161.93	0.00030	-178.90	160.51	0.00030
-180.31	159.10	0.00029	-181.73	157.68	0.00029
-183.85	155.56	0.00028	-187.38	152.03	0.00027

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	148.49	0.00026	-197.99	141.42	0.00025
-205.06	134.35	0.00024	-212.13	127.28	0.00023
-219.20	120.21	0.00023	-226.27	113.14	0.00023
-233.35	106.07	0.00022	-240.42	98.99	0.00022
-91.92	233.35	0.00099	-99.00	226.27	0.00102
-106.07	219.20	0.00101	-113.14	212.13	0.00096
-120.21	205.06	0.00088	-127.28	197.99	0.00077
-134.35	190.92	0.00065	-141.42	183.85	0.00056
-144.96	180.31	0.00052	-148.49	176.78	0.00048
-150.61	174.66	0.00046	-152.03	173.24	0.00045
-153.44	171.83	0.00044	-154.86	170.41	0.00043
-156.27	169.00	0.00042	-169.00	156.27	0.00035
-170.41	154.86	0.00034	-171.83	153.44	0.00034
-173.24	152.03	0.00033	-174.66	150.61	0.00033

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00032	-180.31	144.96	0.00031
-183.85	141.42	0.00029	-190.92	134.35	0.00028
-197.99	127.28	0.00027	-205.06	120.21	0.00026
-212.13	113.14	0.00026	-219.20	106.07	0.00026
-226.27	98.99	0.00026	-233.35	91.92	0.00026
-84.85	226.27	0.00108	-91.92	219.20	0.00114
-99.00	212.13	0.00117	-106.07	205.06	0.00115
-113.14	197.99	0.00107	-120.21	190.92	0.00095
-127.28	183.85	0.00081	-134.35	176.78	0.00068
-137.89	173.24	0.00062	-141.42	169.71	0.00057
-143.54	167.58	0.00055	-144.96	166.17	0.00053
-146.37	164.76	0.00051	-147.79	163.34	0.00050
-149.20	161.93	0.00049	-161.93	149.20	0.00040
-163.34	147.79	0.00039	-164.76	146.37	0.00038
-166.17	144.96	0.00038	-167.58	143.54	0.00037
-169.71	141.42	0.00036	-173.24	137.89	0.00034
-176.78	134.35	0.00033	-183.85	127.28	0.00031
-190.92	120.21	0.00031	-197.99	113.14	0.00030
-205.06	106.07	0.00030	-212.13	98.99	0.00029
-219.20	91.92	0.00030	-226.27	84.85	0.00030

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	219.20	0.00116	-84.85	212.13	0.00126
-91.92	205.06	0.00133	-99.00	197.99	0.00135
-106.07	190.92	0.00131	-113.14	183.85	0.00119
-120.21	176.78	0.00101	-127.28	169.71	0.00084
-130.81	166.17	0.00076	-134.35	162.63	0.00069
-136.47	160.51	0.00065	-137.89	159.10	0.00063
-139.30	157.68	0.00061	-140.71	156.27	0.00059
-142.13	154.86	0.00057	-154.86	142.13	0.00046
-156.27	140.71	0.00045	-157.68	139.30	0.00044
-159.10	137.89	0.00043	-160.51	136.47	0.00042
-162.63	134.35	0.00041	-166.17	130.81	0.00039
-169.71	127.28	0.00038	-176.78	120.21	0.00036
-183.85	113.14	0.00035	-190.92	106.07	0.00035
-197.99	98.99	0.00034	-205.06	91.92	0.00035
-212.13	84.85	0.00035	-219.20	77.78	0.00036
-70.71	212.13	0.00123	-77.78	205.06	0.00137
-84.85	197.99	0.00148	-91.92	190.92	0.00157
-98.99	183.85	0.00158	-106.07	176.78	0.00150
-113.14	169.71	0.00131	-120.21	162.63	0.00107
-123.74	159.10	0.00095	-127.28	155.56	0.00085

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00080	-130.81	152.03	0.00077
-132.23	150.61	0.00074	-133.64	149.20	0.00071
-135.06	147.79	0.00068	-147.79	135.06	0.00053
-149.20	133.64	0.00051	-150.61	132.23	0.00050
-152.03	130.81	0.00049	-153.44	129.40	0.00048
-155.56	127.28	0.00047	-159.10	123.74	0.00045
-162.63	120.21	0.00043	-169.71	113.14	0.00042
-176.78	106.07	0.00041	-183.85	98.99	0.00041
-190.92	91.92	0.00041	-197.99	84.85	0.00042
-205.06	77.78	0.00042	-212.13	70.71	0.00043
-63.64	205.06	0.00129	-70.71	197.99	0.00146
-77.78	190.92	0.00162	-84.85	183.85	0.00177
-91.92	176.78	0.00187	-98.99	169.71	0.00187
-106.07	162.63	0.00171	-113.14	155.56	0.00141

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-116.67	152.03	0.00125	-120.21	148.49	0.00109
-122.33	146.37	0.00101	-123.74	144.96	0.00096
-125.16	143.54	0.00092	-126.57	142.13	0.00087
-127.99	140.71	0.00083	-140.71	127.99	0.00061
-142.13	126.57	0.00060	-143.54	125.16	0.00058
-144.96	123.74	0.00057	-146.37	122.33	0.00056
-148.49	120.21	0.00054	-152.03	116.67	0.00052
-155.56	113.14	0.00051	-162.63	106.07	0.00049
-169.71	98.99	0.00049	-176.78	91.92	0.00049
-183.85	84.85	0.00051	-190.92	77.78	0.00051
-197.99	70.71	0.00051	-205.06	63.64	0.00051
-56.57	197.99	0.00134	-63.64	190.92	0.00154
-70.71	183.85	0.00175	-77.78	176.78	0.00196
-84.85	169.71	0.00215	-91.92	162.63	0.00226
-98.99	155.56	0.00222	-106.07	148.49	0.00192
-109.60	144.96	0.00170	-113.14	141.42	0.00147
-115.26	139.30	0.00134	-116.67	137.89	0.00125
-118.09	136.47	0.00118	-119.50	135.06	0.00111
-120.92	133.64	0.00105	-133.64	120.92	0.00072
-135.06	119.50	0.00070	-136.47	118.09	0.00068
-137.89	116.67	0.00067	-139.30	115.26	0.00065
-141.42	113.14	0.00063	-144.96	109.60	0.00061
-148.49	106.07	0.00060	-155.56	98.99	0.00059
-162.63	91.92	0.00060	-169.71	84.85	0.00062
-176.78	77.78	0.00063	-183.85	70.71	0.00063
-190.92	63.64	0.00062	-197.99	56.57	0.00061

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00136	-56.57	183.85	0.00159
-63.64	176.78	0.00185	-70.71	169.71	0.00213
-77.78	162.63	0.00240	-84.85	155.56	0.00264
-91.92	148.49	0.00278	-98.99	141.42	0.00264
-102.53	137.89	0.00241	-106.07	134.35	0.00209
-108.19	132.23	0.00188	-109.60	130.81	0.00174
-111.02	129.40	0.00161	-112.43	127.99	0.00148
-113.84	126.57	0.00137	-126.57	113.84	0.00085

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	112.43	0.00083	-129.40	111.02	0.00081
-130.81	109.60	0.00079	-132.23	108.19	0.00077
-134.35	106.07	0.00076	-137.89	102.53	0.00074
-141.42	98.99	0.00074	-148.49	91.92	0.00075
-155.56	84.85	0.00078	-162.63	77.78	0.00079
-169.71	70.71	0.00079	-176.78	63.64	0.00078
-183.85	56.57	0.00076	-190.92	49.50	0.00073
-42.43	183.85	0.00136	-49.50	176.78	0.00161
-56.57	169.71	0.00191	-63.64	162.63	0.00225
-70.71	155.56	0.00262	-77.78	148.49	0.00300
-84.85	141.42	0.00332	-91.92	134.35	0.00347
-95.46	130.81	0.00338	-98.99	127.28	0.00310
-101.12	125.16	0.00282	-102.53	123.74	0.00261
-103.94	122.33	0.00239	-105.36	120.92	0.00216
-106.77	119.50	0.00194	-119.50	106.77	0.00102
-120.92	105.36	0.00099	-122.33	103.94	0.00097
-123.74	102.53	0.00096	-125.16	101.12	0.00094
-127.28	98.99	0.00094	-130.81	95.46	0.00094
-134.35	91.92	0.00096	-141.42	84.85	0.00100
-148.49	77.78	0.00103	-155.56	70.71	0.00102
-162.63	63.64	0.00100	-169.71	56.57	0.00096
-176.78	49.50	0.00091	-183.85	42.43	0.00086
-35.36	176.78	0.00134	-42.43	169.71	0.00160
-49.50	162.63	0.00193	-56.57	155.56	0.00233
-63.64	148.49	0.00278	-70.71	141.42	0.00329
-77.78	134.35	0.00380	-84.85	127.28	0.00424
-88.39	123.74	0.00439	-91.92	120.21	0.00438
-94.05	118.09	0.00426	-95.46	116.67	0.00409
-96.87	115.26	0.00384	-98.29	113.84	0.00351
-99.70	112.43	0.00313	-112.43	99.70	0.00126
-113.84	98.29	0.00124	-115.26	96.87	0.00122
-116.67	95.46	0.00122	-118.09	94.05	0.00123

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTS:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00125	-123.74	88.39	0.00129
-127.28	84.85	0.00133	-134.35	77.78	0.00137

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	70.71	0.00136	-148.49	63.64	0.00131
-155.56	56.57	0.00124	-162.63	49.50	0.00116
-169.71	42.43	0.00108	-176.78	35.36	0.00100
-28.28	169.71	0.00131	-35.36	162.63	0.00157
-42.43	155.56	0.00191	-49.50	148.49	0.00234
-56.57	141.42	0.00287	-63.64	134.35	0.00348
-70.71	127.28	0.00416	-77.78	120.21	0.00487
-81.32	116.67	0.00522	-84.85	113.14	0.00552
-86.97	111.02	0.00565	-88.39	109.60	0.00569
-89.80	108.19	0.00569	-91.22	106.77	0.00560
-92.63	105.36	0.00537	-105.36	92.63	0.00178
-106.77	91.22	0.00180	-108.19	89.80	0.00182
-109.60	88.39	0.00183	-111.02	86.97	0.00185
-113.14	84.85	0.00187	-116.67	81.32	0.00189
-120.21	77.78	0.00190	-127.28	70.71	0.00185
-134.35	63.64	0.00175	-141.42	56.57	0.00163
-148.49	49.50	0.00150	-155.56	42.43	0.00137
-162.63	35.36	0.00125	-169.71	28.28	0.00114
-21.21	162.63	0.00126	-28.28	155.56	0.00151
-35.36	148.49	0.00185	-42.43	141.42	0.00229
-49.50	134.35	0.00286	-56.57	127.28	0.00356
-63.64	120.21	0.00437	-70.71	113.14	0.00527
-74.25	109.60	0.00575	-77.78	106.07	0.00622
-79.90	103.94	0.00647	-81.32	102.53	0.00660
-82.73	101.12	0.00671	-84.15	99.70	0.00685
-85.56	98.29	0.00692	-98.29	85.56	0.00333
-99.70	84.15	0.00313	-101.12	82.73	0.00300
-102.53	81.32	0.00290	-103.94	79.90	0.00283
-106.07	77.78	0.00274	-109.60	74.25	0.00264
-113.14	70.71	0.00256	-120.21	63.64	0.00237
-127.28	56.57	0.00217	-134.35	49.50	0.00196
-141.42	42.43	0.00176	-148.49	35.36	0.00158
-155.56	28.28	0.00141	-162.63	21.21	0.00127
-14.14	155.56	0.00119	-21.21	148.49	0.00143
-28.28	141.42	0.00175	-35.36	134.35	0.00218
-42.43	127.28	0.00276	-49.50	120.21	0.00350
-56.57	113.14	0.00441	-63.64	106.07	0.00543
-67.18	102.53	0.00596	-70.71	98.99	0.00649

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00675	-74.25	95.46	0.00689
-75.66	94.05	0.00699	-77.07	92.63	0.00707
-78.49	91.22	0.00715	-91.22	78.49	0.00422
-92.63	77.07	0.00407	-94.05	75.66	0.00395
-95.46	74.25	0.00385	-96.87	72.83	0.00376
-98.99	70.71	0.00363	-102.53	67.18	0.00344
-106.07	63.64	0.00326	-113.14	56.57	0.00292
-120.21	49.50	0.00259	-127.28	42.43	0.00229
-134.35	35.36	0.00202	-141.42	28.28	0.00178
-148.49	21.21	0.00157	-155.56	14.14	0.00139
-7.07	148.49	0.00111	-14.14	141.42	0.00133
-21.21	134.35	0.00163	-28.28	127.28	0.00202
-35.36	120.21	0.00257	-42.43	113.14	0.00331
-49.50	106.07	0.00426	-56.57	98.99	0.00537
-60.10	95.46	0.00594	-63.64	91.92	0.00648
-65.76	89.80	0.00676	-67.18	88.39	0.00692
-68.59	86.97	0.00703	-70.00	85.56	0.00710
-71.42	84.15	0.00718	-84.15	71.42	0.00456
-85.56	70.00	0.00445	-86.97	68.59	0.00437
-88.39	67.18	0.00431	-89.80	65.76	0.00425
-91.92	63.64	0.00416	-95.46	60.10	0.00400
-98.99	56.57	0.00382	-106.07	49.50	0.00342
-113.14	42.43	0.00300	-120.21	35.36	0.00262
-127.28	28.28	0.00227	-134.35	21.21	0.00197
-141.42	14.14	0.00171	-148.49	7.07	0.00150
0.00	141.42	0.00102	-7.07	134.35	0.00122
-14.14	127.28	0.00149	-21.21	120.21	0.00184
-28.28	113.14	0.00232	-35.36	106.07	0.00300
-42.43	98.99	0.00394	-49.50	91.92	0.00512
-53.03	88.39	0.00574	-56.57	84.85	0.00632
-58.69	82.73	0.00664	-60.10	81.32	0.00682
-61.52	79.90	0.00696	-62.93	78.49	0.00705
-64.35	77.07	0.00713	-77.07	64.35	0.00471
-78.49	62.93	0.00463	-79.90	61.52	0.00457
-81.32	60.10	0.00453	-82.73	58.69	0.00449
-84.85	56.57	0.00443	-88.39	53.03	0.00431
-91.92	49.50	0.00416	-98.99	42.43	0.00377
-106.07	35.36	0.00332	-113.14	28.28	0.00288
-120.21	21.21	0.00247	-127.28	14.14	0.00212
-134.35	7.07	0.00183	-141.42	0.00	0.00159

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

18:55:26

**MODELOPTs:

PAGE 89

*** Maximum train overlap at SE/NW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00092	0.00	127.28	0.00110
-7.07	120.21	0.00133	-14.14	113.14	0.00163
-21.21	106.07	0.00204	-28.28	98.99	0.00262
-35.36	91.92	0.00346	-42.43	84.85	0.00464
-45.96	81.32	0.00533	-49.50	77.78	0.00601
-51.62	75.66	0.00637	-53.03	74.25	0.00658
-54.45	72.83	0.00676	-55.86	71.42	0.00689
-57.28	70.00	0.00697	-70.00	57.28	0.00476
-71.42	55.86	0.00469	-72.83	54.45	0.00465
-74.25	53.03	0.00462	-75.66	51.62	0.00460
-77.78	49.50	0.00455	-81.32	45.96	0.00446
-84.85	42.43	0.00433	-91.92	35.36	0.00396
-98.99	28.28	0.00351	-106.07	21.21	0.00304
-113.14	14.14	0.00260	-120.21	7.07	0.00223
-127.28	0.00	0.00192	-134.35	-7.07	0.00166
14.14	127.28	0.00082	7.07	120.21	0.00097
0.00	113.14	0.00116	-7.07	106.07	0.00141
-14.14	98.99	0.00175	-21.21	91.92	0.00221
-28.28	84.85	0.00289	-35.36	77.78	0.00393
-38.89	74.25	0.00464	-42.43	70.71	0.00542
-44.55	68.59	0.00587	-45.96	67.18	0.00614
-47.38	65.76	0.00637	-48.79	64.35	0.00655
-50.20	62.93	0.00668	-62.93	50.20	0.00473
-64.35	48.79	0.00467	-65.76	47.38	0.00465
-67.18	45.96	0.00463	-68.59	44.55	0.00461
-70.71	42.43	0.00457	-74.25	38.89	0.00449
-77.78	35.36	0.00437	-84.85	28.28	0.00400
-91.92	21.21	0.00354	-98.99	14.14	0.00308
-106.07	7.07	0.00265	-113.14	0.00	0.00227
-120.21	-7.07	0.00195	-127.28	-14.14	0.00169
21.21	120.21	0.00073	14.14	113.14	0.00085
7.07	106.07	0.00100	0.00	98.99	0.00119
-7.07	91.92	0.00145	-14.14	84.85	0.00180
-21.21	77.78	0.00231	-28.28	70.71	0.00309

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	67.18	0.00367	-35.36	63.64	0.00442
-37.48	61.52	0.00494	-38.89	60.10	0.00529
-40.31	58.69	0.00562	-41.72	57.28	0.00590
-43.13	55.86	0.00613	-55.86	43.13	0.00462
-57.28	41.72	0.00457	-58.69	40.31	0.00455
-60.10	38.89	0.00454	-61.52	37.48	0.00452

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00449	-67.18	31.82	0.00440
-70.71	28.28	0.00426	-77.78	21.21	0.00388
-84.85	14.14	0.00344	-91.92	7.07	0.00300
-98.99	0.00	0.00260	-106.07	-7.07	0.00224
-113.14	-14.14	0.00193	-120.21	-21.21	0.00168
28.28	113.14	0.00063	21.21	106.07	0.00073
14.14	98.99	0.00085	7.07	91.92	0.00099
0.00	84.85	0.00118	-7.07	77.78	0.00142
-14.14	70.71	0.00176	-21.21	63.64	0.00227
-24.75	60.10	0.00264	-28.28	56.57	0.00312
-30.41	54.45	0.00350	-31.82	53.03	0.00381
-33.23	51.62	0.00416	-34.65	50.20	0.00454
-36.06	48.79	0.00494	-48.79	36.06	0.00442
-50.20	34.65	0.00437	-51.62	33.23	0.00434
-53.03	31.82	0.00432	-54.45	30.41	0.00429
-56.57	28.28	0.00424	-60.10	24.75	0.00411
-63.64	21.21	0.00397	-70.71	14.14	0.00360
-77.78	7.07	0.00320	-84.85	0.00	0.00282
-91.92	-7.07	0.00246	-98.99	-14.14	0.00215
-106.07	-21.21	0.00187	-113.14	-28.28	0.00164
35.36	106.07	0.00054	28.28	98.99	0.00062
21.21	91.92	0.00070	14.14	84.85	0.00081
7.07	77.78	0.00093	0.00	70.71	0.00109
-7.07	63.64	0.00130	-14.14	56.57	0.00157
-17.68	53.03	0.00174	-21.21	49.50	0.00194
-23.33	47.38	0.00208	-24.75	45.96	0.00219
-26.16	44.55	0.00231	-27.58	43.13	0.00247
-28.99	41.72	0.00269	-41.72	28.99	0.00391

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	27.58	0.00382	-44.55	26.16	0.00376
-45.96	24.75	0.00372	-47.38	23.33	0.00369
-49.50	21.21	0.00364	-53.03	17.68	0.00355
-56.57	14.14	0.00344	-63.64	7.07	0.00318
-70.71	0.00	0.00287	-77.78	-7.07	0.00256
-84.85	-14.14	0.00227	-91.92	-21.21	0.00201
-98.99	-28.28	0.00177	-106.07	-35.36	0.00157
42.43	98.99	0.00046	35.36	91.92	0.00052
28.28	84.85	0.00058	21.21	77.78	0.00065
14.14	70.71	0.00073	7.07	63.64	0.00082
0.00	56.57	0.00093	-7.07	49.50	0.00105
-10.61	45.96	0.00111	-14.14	42.43	0.00116

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00118	-17.68	38.89	0.00119
-19.09	37.48	0.00120	-20.51	36.06	0.00120
-21.92	34.65	0.00120	-34.65	21.92	0.00234
-36.06	20.51	0.00248	-37.48	19.09	0.00258
-38.89	17.68	0.00265	-40.31	16.26	0.00271
-42.43	14.14	0.00277	-45.96	10.61	0.00281
-49.50	7.07	0.00280	-56.57	0.00	0.00268
-63.64	-7.07	0.00249	-70.71	-14.14	0.00227
-77.78	-21.21	0.00205	-84.85	-28.28	0.00184
-91.92	-35.36	0.00165	-98.99	-42.43	0.00147
49.50	91.92	0.00039	42.43	84.85	0.00043
35.36	77.78	0.00047	28.28	70.71	0.00052
21.21	63.64	0.00057	14.14	56.57	0.00063
7.07	49.50	0.00068	0.00	42.43	0.00074
-3.54	38.89	0.00076	-7.07	35.36	0.00078
-9.19	33.23	0.00080	-10.61	31.82	0.00081
-12.02	30.41	0.00083	-13.44	28.99	0.00085
-14.85	27.58	0.00087	-27.58	14.85	0.00139
-28.99	13.44	0.00149	-30.41	12.02	0.00159
-31.82	10.61	0.00168	-33.23	9.19	0.00176
-35.36	7.07	0.00187	-38.89	3.54	0.00201
-42.43	0.00	0.00209	-49.50	-7.07	0.00214

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-14.14	0.00207	-63.64	-21.21	0.00195
-70.71	-28.28	0.00180	-77.78	-35.36	0.00165
-84.85	-42.43	0.00150	-91.92	-49.50	0.00136
56.57	84.85	0.00034	49.50	77.78	0.00036
42.43	70.71	0.00039	35.36	63.64	0.00042
28.28	56.57	0.00045	21.21	49.50	0.00048
14.14	42.43	0.00052	7.07	35.36	0.00055
3.54	31.82	0.00058	0.00	28.28	0.00061
-2.12	26.16	0.00063	-3.54	24.75	0.00065
-4.95	23.33	0.00067	-6.36	21.92	0.00068
-7.78	20.51	0.00070	-20.51	7.78	0.00099
-21.92	6.36	0.00105	-23.33	4.95	0.00111
-24.75	3.54	0.00117	-26.16	2.12	0.00122
-28.28	0.00	0.00130	-31.82	-3.54	0.00141
-35.36	-7.07	0.00150	-42.43	-14.14	0.00162
-49.50	-21.21	0.00164	-56.57	-28.28	0.00160
-63.64	-35.36	0.00153	-70.71	-42.43	0.00144
-77.78	-49.50	0.00133	-84.85	-56.57	0.00123

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
 PAGE 92
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00028	56.57	70.71	0.00030
49.50	63.64	0.00032	42.43	56.57	0.00034
35.36	49.50	0.00036	28.28	42.43	0.00039
21.21	35.36	0.00041	14.14	28.28	0.00045
10.61	24.75	0.00048	7.07	21.21	0.00051
4.95	19.09	0.00053	3.54	17.68	0.00054
2.12	16.26	0.00055	0.71	14.85	0.00056
-0.71	13.44	0.00057	-13.44	0.71	0.00075
-14.85	-0.71	0.00079	-16.26	-2.12	0.00083
-17.68	-3.54	0.00087	-19.09	-4.95	0.00091
-21.21	-7.07	0.00096	-24.75	-10.61	0.00104
-28.28	-14.14	0.00110	-35.36	-21.21	0.00121
-42.43	-28.28	0.00127	-49.50	-35.36	0.00128
-56.57	-42.43	0.00126	-63.64	-49.50	0.00122
-70.71	-56.57	0.00116	-77.78	-63.64	0.00109
70.71	70.71	0.00024	63.64	63.64	0.00025

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

56.57	56.57	0.00027	49.50	49.50	0.00028
42.43	42.43	0.00030	35.36	35.36	0.00032
28.28	28.28	0.00034	21.21	21.21	0.00039
17.68	17.68	0.00041	14.14	14.14	0.00043
12.02	12.02	0.00044	10.61	10.61	0.00045
9.19	9.19	0.00046	7.78	7.78	0.00047
6.36	6.36	0.00047	-6.36	-6.36	0.00059
-7.78	-7.78	0.00062	-9.19	-9.19	0.00065
-10.61	-10.61	0.00068	-12.02	-12.02	0.00070
-14.14	-14.14	0.00074	-17.68	-17.68	0.00080
-21.21	-21.21	0.00085	-28.28	-28.28	0.00093
-35.36	-35.36	0.00098	-42.43	-42.43	0.00102
-49.50	-49.50	0.00103	-56.57	-56.57	0.00101
-63.64	-63.64	0.00099	-70.71	-70.71	0.00095
77.78	63.64	0.00021	70.71	56.57	0.00021
63.64	49.50	0.00022	56.57	42.43	0.00024
49.50	35.36	0.00025	42.43	28.28	0.00027
35.36	21.21	0.00030	28.28	14.14	0.00033
24.75	10.61	0.00035	21.21	7.07	0.00037
19.09	4.95	0.00038	17.68	3.54	0.00038
16.26	2.12	0.00039	14.85	0.71	0.00039
13.44	-0.71	0.00040	0.71	-13.44	0.00048
-0.71	-14.85	0.00050	-2.12	-16.26	0.00052
-3.54	-17.68	0.00054	-4.95	-19.09	0.00056

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:

PAGE 93

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00059	-10.61	-24.75	0.00063
-14.14	-28.28	0.00067	-21.21	-35.36	0.00073
-28.28	-42.43	0.00078	-35.36	-49.50	0.00081
-42.43	-56.57	0.00083	-49.50	-63.64	0.00084
-56.57	-70.71	0.00083	-63.64	-77.78	0.00081
84.85	56.57	0.00018	77.78	49.50	0.00018
70.71	42.43	0.00019	63.64	35.36	0.00020
56.57	28.28	0.00022	49.50	21.21	0.00024
42.43	14.14	0.00026	35.36	7.07	0.00029
31.82	3.54	0.00030	28.28	0.00	0.00032

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

26.16	-2.12	0.00032	24.75	-3.54	0.00033
23.33	-4.95	0.00033	21.92	-6.36	0.00034
20.51	-7.78	0.00034	7.78	-20.51	0.00040
6.36	-21.92	0.00041	4.95	-23.33	0.00042
3.54	-24.75	0.00044	2.12	-26.16	0.00045
0.00	-28.28	0.00048	-3.54	-31.82	0.00051
-7.07	-35.36	0.00054	-14.14	-42.43	0.00059
-21.21	-49.50	0.00063	-28.28	-56.57	0.00066
-35.36	-63.64	0.00068	-42.43	-70.71	0.00069
-49.50	-77.78	0.00070	-56.57	-84.85	0.00069
91.92	49.50	0.00015	84.85	42.43	0.00016
77.78	35.36	0.00017	70.71	28.28	0.00018
63.64	21.21	0.00019	56.57	14.14	0.00021
49.50	7.07	0.00023	42.43	0.00	0.00026
38.89	-3.54	0.00027	35.36	-7.07	0.00028
33.23	-9.19	0.00028	31.82	-10.61	0.00028
30.41	-12.02	0.00029	28.99	-13.44	0.00029
27.58	-14.85	0.00029	14.85	-27.58	0.00033
13.44	-28.99	0.00034	12.02	-30.41	0.00035
10.61	-31.82	0.00036	9.19	-33.23	0.00037
7.07	-35.36	0.00039	3.54	-38.89	0.00042
0.00	-42.43	0.00045	-7.07	-49.50	0.00049
-14.14	-56.57	0.00052	-21.21	-63.64	0.00055
-28.28	-70.71	0.00056	-35.36	-77.78	0.00058
-42.43	-84.85	0.00059	-49.50	-91.92	0.00059
98.99	42.43	0.00013	91.92	35.36	0.00014
84.85	28.28	0.00015	77.78	21.21	0.00016
70.71	14.14	0.00017	63.64	7.07	0.00019
56.57	0.00	0.00021	49.50	-7.07	0.00023
45.96	-10.61	0.00023	42.43	-14.14	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00024	38.89	-17.68	0.00025
37.48	-19.09	0.00025	36.06	-20.51	0.00025
34.65	-21.92	0.00025	21.92	-34.65	0.00028
20.51	-36.06	0.00029	19.09	-37.48	0.00030

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

17.68	-38.89	0.00031	16.26	-40.31	0.00032
14.14	-42.43	0.00033	10.61	-45.96	0.00035
7.07	-49.50	0.00037	0.00	-56.57	0.00041
-7.07	-63.64	0.00044	-14.14	-70.71	0.00046
-21.21	-77.78	0.00047	-28.28	-84.85	0.00049
-35.36	-91.92	0.00050	-42.43	-98.99	0.00050
106.07	35.36	0.00012	98.99	28.28	0.00012
91.92	21.21	0.00013	84.85	14.14	0.00015
77.78	7.07	0.00016	70.71	0.00	0.00017
63.64	-7.07	0.00019	56.57	-14.14	0.00020
53.03	-17.68	0.00021	49.50	-21.21	0.00021
47.38	-23.33	0.00021	45.96	-24.75	0.00022
44.55	-26.16	0.00022	43.13	-27.58	0.00022
41.72	-28.99	0.00022	28.99	-41.72	0.00024
27.58	-43.13	0.00025	26.16	-44.55	0.00026
24.75	-45.96	0.00026	23.33	-47.38	0.00027
21.21	-49.50	0.00028	17.68	-53.03	0.00030
14.14	-56.57	0.00032	7.07	-63.64	0.00035
0.00	-70.71	0.00037	-7.07	-77.78	0.00039
-14.14	-84.85	0.00040	-21.21	-91.92	0.00042
-28.28	-98.99	0.00042	-35.36	-106.07	0.00043
113.14	28.28	0.00011	106.07	21.21	0.00011
98.99	14.14	0.00012	91.92	7.07	0.00013
84.85	0.00	0.00014	77.78	-7.07	0.00016
70.71	-14.14	0.00017	63.64	-21.21	0.00018
60.10	-24.75	0.00018	56.57	-28.28	0.00019
54.45	-30.41	0.00019	53.03	-31.82	0.00019
51.62	-33.23	0.00019	50.20	-34.65	0.00019
48.79	-36.06	0.00019	36.06	-48.79	0.00021
34.65	-50.20	0.00022	33.23	-51.62	0.00022
31.82	-53.03	0.00023	30.41	-54.45	0.00023
28.28	-56.57	0.00024	24.75	-60.10	0.00026
21.21	-63.64	0.00027	14.14	-70.71	0.00030
7.07	-77.78	0.00032	0.00	-84.85	0.00034
-7.07	-91.92	0.00035	-14.14	-98.99	0.00036
-21.21	-106.07	0.00037	-28.28	-113.14	0.00037

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00010	113.14	14.14	0.00010
106.07	7.07	0.00011	98.99	0.00	0.00012
91.92	-7.07	0.00013	84.85	-14.14	0.00014
77.78	-21.21	0.00015	70.71	-28.28	0.00016
67.18	-31.82	0.00016	63.64	-35.36	0.00017
61.52	-37.48	0.00017	60.10	-38.89	0.00017
58.69	-40.31	0.00017	57.28	-41.72	0.00017
55.86	-43.13	0.00017	43.13	-55.86	0.00019
41.72	-57.28	0.00019	40.31	-58.69	0.00019
38.89	-60.10	0.00020	37.48	-61.52	0.00020
35.36	-63.64	0.00021	31.82	-67.18	0.00022
28.28	-70.71	0.00023	21.21	-77.78	0.00026
14.14	-84.85	0.00028	7.07	-91.92	0.00029
0.00	-98.99	0.00030	-7.07	-106.07	0.00031
-14.14	-113.14	0.00032	-21.21	-120.21	0.00033
127.28	14.14	0.00009	120.21	7.07	0.00010
113.14	0.00	0.00011	106.07	-7.07	0.00011
98.99	-14.14	0.00012	91.92	-21.21	0.00013
84.85	-28.28	0.00014	77.78	-35.36	0.00014
74.25	-38.89	0.00015	70.71	-42.43	0.00015
68.59	-44.55	0.00015	67.18	-45.96	0.00015
65.76	-47.38	0.00015	64.35	-48.79	0.00015
62.93	-50.20	0.00015	50.20	-62.93	0.00017
48.79	-64.35	0.00017	47.38	-65.76	0.00017
45.96	-67.18	0.00018	44.55	-68.59	0.00018
42.43	-70.71	0.00018	38.89	-74.25	0.00019
35.36	-77.78	0.00020	28.28	-84.85	0.00022
21.21	-91.92	0.00024	14.14	-98.99	0.00026
7.07	-106.07	0.00027	0.00	-113.14	0.00028
-7.07	-120.21	0.00028	-14.14	-127.28	0.00029
134.35	7.07	0.00008	127.28	0.00	0.00009
120.21	-7.07	0.00010	113.14	-14.14	0.00010
106.07	-21.21	0.00011	98.99	-28.28	0.00012
91.92	-35.36	0.00012	84.85	-42.43	0.00013
81.32	-45.96	0.00013	77.78	-49.50	0.00014
75.66	-51.62	0.00014	74.25	-53.03	0.00014
72.83	-54.45	0.00014	71.42	-55.86	0.00014
70.00	-57.28	0.00014	57.28	-70.00	0.00015
55.86	-71.42	0.00015	54.45	-72.83	0.00015
53.03	-74.25	0.00016	51.62	-75.66	0.00016

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00016	45.96	-81.32	0.00017
42.43	-84.85	0.00018	35.36	-91.92	0.00020
28.28	-98.99	0.00021	21.21	-106.07	0.00023
14.14	-113.14	0.00024	7.07	-120.21	0.00024
0.00	-127.28	0.00025	-7.07	-134.35	0.00026
141.42	0.00	0.00008	134.35	-7.07	0.00009
127.28	-14.14	0.00009	120.21	-21.21	0.00010
113.14	-28.28	0.00010	106.07	-35.36	0.00011
98.99	-42.43	0.00011	91.92	-49.50	0.00012
88.39	-53.03	0.00012	84.85	-56.57	0.00012
82.73	-58.69	0.00012	81.32	-60.10	0.00012
79.90	-61.52	0.00012	78.49	-62.93	0.00012
77.07	-64.35	0.00013	64.35	-77.07	0.00013
62.93	-78.49	0.00014	61.52	-79.90	0.00014
60.10	-81.32	0.00014	58.69	-82.73	0.00014
56.57	-84.85	0.00015	53.03	-88.39	0.00015
49.50	-91.92	0.00016	42.43	-98.99	0.00017
35.36	-106.07	0.00019	28.28	-113.14	0.00020
21.21	-120.21	0.00021	14.14	-127.28	0.00022
7.07	-134.35	0.00022	0.00	-141.42	0.00023
148.49	-7.07	0.00008	141.42	-14.14	0.00008
134.35	-21.21	0.00009	127.28	-28.28	0.00009
120.21	-35.36	0.00009	113.14	-42.43	0.00010
106.07	-49.50	0.00010	98.99	-56.57	0.00011
95.46	-60.10	0.00011	91.92	-63.64	0.00011
89.80	-65.76	0.00011	88.39	-67.18	0.00011
86.97	-68.59	0.00011	85.56	-70.00	0.00011
84.15	-71.42	0.00011	71.42	-84.15	0.00012
70.00	-85.56	0.00012	68.59	-86.97	0.00012
67.18	-88.39	0.00013	65.76	-89.80	0.00013
63.64	-91.92	0.00013	60.10	-95.46	0.00014
56.57	-98.99	0.00014	49.50	-106.07	0.00016
42.43	-113.14	0.00017	35.36	-120.21	0.00018
28.28	-127.28	0.00019	21.21	-134.35	0.00019
14.14	-141.42	0.00020	7.07	-148.49	0.00020
155.56	-14.14	0.00007	148.49	-21.21	0.00008

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-28.28	0.00008	134.35	-35.36	0.00008
127.28	-42.43	0.00009	120.21	-49.50	0.00009
113.14	-56.57	0.00010	106.07	-63.64	0.00010
102.53	-67.18	0.00010	98.99	-70.71	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00010	95.46	-74.25	0.00010
94.05	-75.66	0.00010	92.63	-77.07	0.00010
91.22	-78.49	0.00010	78.49	-91.22	0.00011
77.07	-92.63	0.00011	75.66	-94.05	0.00011
74.25	-95.46	0.00011	72.83	-96.87	0.00012
70.71	-98.99	0.00012	67.18	-102.53	0.00012
63.64	-106.07	0.00013	56.57	-113.14	0.00014
49.50	-120.21	0.00015	42.43	-127.28	0.00016
35.36	-134.35	0.00017	28.28	-141.42	0.00017
21.21	-148.49	0.00018	14.14	-155.56	0.00018
162.63	-21.21	0.00007	155.56	-28.28	0.00007
148.49	-35.36	0.00007	141.42	-42.43	0.00008
134.35	-49.50	0.00008	127.28	-56.57	0.00009
120.21	-63.64	0.00009	113.14	-70.71	0.00009
109.60	-74.25	0.00009	106.07	-77.78	0.00009
103.94	-79.90	0.00009	102.53	-81.32	0.00009
101.12	-82.73	0.00009	99.70	-84.15	0.00010
98.29	-85.56	0.00010	85.56	-98.29	0.00010
84.15	-99.70	0.00010	82.73	-101.12	0.00010
81.32	-102.53	0.00010	79.90	-103.94	0.00011
77.78	-106.07	0.00011	74.25	-109.60	0.00011
70.71	-113.14	0.00012	63.64	-120.21	0.00013
56.57	-127.28	0.00014	49.50	-134.35	0.00014
42.43	-141.42	0.00015	35.36	-148.49	0.00016
28.28	-155.56	0.00016	21.21	-162.63	0.00017
169.71	-28.28	0.00006	162.63	-35.36	0.00007
155.56	-42.43	0.00007	148.49	-49.50	0.00007
141.42	-56.57	0.00008	134.35	-63.64	0.00008
127.28	-70.71	0.00008	120.21	-77.78	0.00008
116.67	-81.32	0.00009	113.14	-84.85	0.00009

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

111.02	-86.97	0.00009	109.60	-88.39	0.00009
108.19	-89.80	0.00009	106.77	-91.22	0.00009
105.36	-92.63	0.00009	92.63	-105.36	0.00009
91.22	-106.77	0.00009	89.80	-108.19	0.00009
88.39	-109.60	0.00010	86.97	-111.02	0.00010
84.85	-113.14	0.00010	81.32	-116.67	0.00010
77.78	-120.21	0.00011	70.71	-127.28	0.00011
63.64	-134.35	0.00012	56.57	-141.42	0.00013
49.50	-148.49	0.00014	42.43	-155.56	0.00014
35.36	-162.63	0.00015	28.28	-169.71	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00006	169.71	-42.43	0.00006
162.63	-49.50	0.00007	155.56	-56.57	0.00007
148.49	-63.64	0.00007	141.42	-70.71	0.00007
134.35	-77.78	0.00008	127.28	-84.85	0.00008
123.74	-88.39	0.00008	120.21	-91.92	0.00008
118.09	-94.05	0.00008	116.67	-95.46	0.00008
115.26	-96.87	0.00008	113.84	-98.29	0.00008
112.43	-99.70	0.00008	99.70	-112.43	0.00009
98.29	-113.84	0.00009	96.87	-115.26	0.00009
95.46	-116.67	0.00009	94.05	-118.09	0.00009
91.92	-120.21	0.00009	88.39	-123.74	0.00009
84.85	-127.28	0.00010	77.78	-134.35	0.00010
70.71	-141.42	0.00011	63.64	-148.49	0.00012
56.57	-155.56	0.00012	49.50	-162.63	0.00013
42.43	-169.71	0.00013	35.36	-176.78	0.00014
183.85	-42.43	0.00006	176.78	-49.50	0.00006
169.71	-56.57	0.00006	162.63	-63.64	0.00006
155.56	-70.71	0.00007	148.49	-77.78	0.00007
141.42	-84.85	0.00007	134.35	-91.92	0.00007
130.81	-95.46	0.00007	127.28	-98.99	0.00007
125.16	-101.12	0.00007	123.74	-102.53	0.00007
122.33	-103.94	0.00007	120.92	-105.36	0.00008
119.50	-106.77	0.00008	106.77	-119.50	0.00008
105.36	-120.92	0.00008	103.94	-122.33	0.00008

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

102.53	-123.74	0.00008	101.12	-125.16	0.00008
98.99	-127.28	0.00008	95.46	-130.81	0.00009
91.92	-134.35	0.00009	84.85	-141.42	0.00010
77.78	-148.49	0.00010	70.71	-155.56	0.00011
63.64	-162.63	0.00011	56.57	-169.71	0.00012
49.50	-176.78	0.00012	42.43	-183.85	0.00013
190.92	-49.50	0.00005	183.85	-56.57	0.00006
176.78	-63.64	0.00006	169.71	-70.71	0.00006
162.63	-77.78	0.00006	155.56	-84.85	0.00006
148.49	-91.92	0.00007	141.42	-98.99	0.00007
137.89	-102.53	0.00007	134.35	-106.07	0.00007
132.23	-108.19	0.00007	130.81	-109.60	0.00007
129.40	-111.02	0.00007	127.99	-112.43	0.00007
126.57	-113.84	0.00007	113.84	-126.57	0.00007
112.43	-127.99	0.00007	111.02	-129.40	0.00007
109.60	-130.81	0.00008	108.19	-132.23	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00008	102.53	-137.89	0.00008
98.99	-141.42	0.00008	91.92	-148.49	0.00009
84.85	-155.56	0.00009	77.78	-162.63	0.00010
70.71	-169.71	0.00010	63.64	-176.78	0.00011
56.57	-183.85	0.00011	49.50	-190.92	0.00012
197.99	-56.57	0.00005	190.92	-63.64	0.00005
183.85	-70.71	0.00005	176.78	-77.78	0.00006
169.71	-84.85	0.00006	162.63	-91.92	0.00006
155.56	-98.99	0.00006	148.49	-106.07	0.00006
144.96	-109.60	0.00006	141.42	-113.14	0.00006
139.30	-115.26	0.00006	137.89	-116.67	0.00006
136.47	-118.09	0.00006	135.06	-119.50	0.00007
133.64	-120.92	0.00007	120.92	-133.64	0.00007
119.50	-135.06	0.00007	118.09	-136.47	0.00007
116.67	-137.89	0.00007	115.26	-139.30	0.00007
113.14	-141.42	0.00007	109.60	-144.96	0.00007
106.07	-148.49	0.00008	98.99	-155.56	0.00008
91.92	-162.63	0.00009	84.85	-169.71	0.00009

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-176.78	0.00010	70.71	-183.85	0.00010
63.64	-190.92	0.00010	56.57	-197.99	0.00011
205.06	-63.64	0.00005	197.99	-70.71	0.00005
190.92	-77.78	0.00005	183.85	-84.85	0.00005
176.78	-91.92	0.00006	169.71	-98.99	0.00006
162.63	-106.07	0.00006	155.56	-113.14	0.00006
152.03	-116.67	0.00006	148.49	-120.21	0.00006
146.37	-122.33	0.00006	144.96	-123.74	0.00006
143.54	-125.16	0.00006	142.13	-126.57	0.00006
140.71	-127.99	0.00006	127.99	-140.71	0.00006
126.57	-142.13	0.00006	125.16	-143.54	0.00006
123.74	-144.96	0.00007	122.33	-146.37	0.00007
120.21	-148.49	0.00007	116.67	-152.03	0.00007
113.14	-155.56	0.00007	106.07	-162.63	0.00007
98.99	-169.71	0.00008	91.92	-176.78	0.00008
84.85	-183.85	0.00009	77.78	-190.92	0.00009
70.71	-197.99	0.00010	63.64	-205.06	0.00010
212.13	-70.71	0.00005	205.06	-77.78	0.00005
197.99	-84.85	0.00005	190.92	-91.92	0.00005
183.85	-98.99	0.00005	176.78	-106.07	0.00005
169.71	-113.14	0.00005	162.63	-120.21	0.00006
159.10	-123.74	0.00006	155.56	-127.28	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00006	152.03	-130.81	0.00006
150.61	-132.23	0.00006	149.20	-133.64	0.00006
147.79	-135.06	0.00006	135.06	-147.79	0.00006
133.64	-149.20	0.00006	132.23	-150.61	0.00006
130.81	-152.03	0.00006	129.40	-153.44	0.00006
127.28	-155.56	0.00006	123.74	-159.10	0.00006
120.21	-162.63	0.00007	113.14	-169.71	0.00007
106.07	-176.78	0.00007	98.99	-183.85	0.00008
91.92	-190.92	0.00008	84.85	-197.99	0.00009
77.78	-205.06	0.00009	70.71	-212.13	0.00009
219.20	-77.78	0.00004	212.13	-84.85	0.00004
205.06	-91.92	0.00005	197.99	-98.99	0.00005

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-106.07	0.00005	183.85	-113.14	0.00005
176.78	-120.21	0.00005	169.71	-127.28	0.00005
166.17	-130.81	0.00005	162.63	-134.35	0.00005
160.51	-136.47	0.00005	159.10	-137.89	0.00005
157.68	-139.30	0.00005	156.27	-140.71	0.00005
154.86	-142.13	0.00005	142.13	-154.86	0.00006
140.71	-156.27	0.00006	139.30	-157.68	0.00006
137.89	-159.10	0.00006	136.47	-160.51	0.00006
134.35	-162.63	0.00006	130.81	-166.17	0.00006
127.28	-169.71	0.00006	120.21	-176.78	0.00006
113.14	-183.85	0.00007	106.07	-190.92	0.00007
98.99	-197.99	0.00008	91.92	-205.06	0.00008
84.85	-212.13	0.00008	77.78	-219.20	0.00009
226.27	-84.85	0.00004	219.20	-91.92	0.00004
212.13	-98.99	0.00004	205.06	-106.07	0.00005
197.99	-113.14	0.00005	190.92	-120.21	0.00005
183.85	-127.28	0.00005	176.78	-134.35	0.00005
173.24	-137.89	0.00005	169.71	-141.42	0.00005
167.58	-143.54	0.00005	166.17	-144.96	0.00005
164.76	-146.37	0.00005	163.34	-147.79	0.00005
161.93	-149.20	0.00005	149.20	-161.93	0.00005
147.79	-163.34	0.00005	146.37	-164.76	0.00005
144.96	-166.17	0.00005	143.54	-167.58	0.00005
141.42	-169.71	0.00005	137.89	-173.24	0.00006
134.35	-176.78	0.00006	127.28	-183.85	0.00006
120.21	-190.92	0.00006	113.14	-197.99	0.00007
106.07	-205.06	0.00007	98.99	-212.13	0.00007
91.92	-219.20	0.00008	84.85	-226.27	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

18:55:26

*** Maximum train overlap at SE/NW Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00004	226.27	-98.99	0.00004
219.20	-106.07	0.00004	212.13	-113.14	0.00004
205.06	-120.21	0.00004	197.99	-127.28	0.00005
190.92	-134.35	0.00005	183.85	-141.42	0.00005
180.31	-144.96	0.00005	176.78	-148.49	0.00005
174.66	-150.61	0.00005	173.24	-152.03	0.00005

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

171.83	-153.44	0.00005	170.41	-154.86	0.00005
169.00	-156.27	0.00005	156.27	-169.00	0.00005
154.86	-170.41	0.00005	153.44	-171.83	0.00005
152.03	-173.24	0.00005	150.61	-174.66	0.00005
148.49	-176.78	0.00005	144.96	-180.31	0.00005
141.42	-183.85	0.00005	134.35	-190.92	0.00006
127.28	-197.99	0.00006	120.21	-205.06	0.00006
113.14	-212.13	0.00007	106.07	-219.20	0.00007
98.99	-226.27	0.00007	91.92	-233.35	0.00007
240.42	-98.99	0.00004	233.35	-106.07	0.00004
226.27	-113.14	0.00004	219.20	-120.21	0.00004
212.13	-127.28	0.00004	205.06	-134.35	0.00004
197.99	-141.42	0.00004	190.92	-148.49	0.00004
187.38	-152.03	0.00004	183.85	-155.56	0.00004
181.73	-157.68	0.00004	180.31	-159.10	0.00004
178.90	-160.51	0.00004	177.48	-161.93	0.00004
176.07	-163.34	0.00004	163.34	-176.07	0.00005
161.93	-177.48	0.00005	160.51	-178.90	0.00005
159.10	-180.31	0.00005	157.68	-181.73	0.00005
155.56	-183.85	0.00005	152.03	-187.38	0.00005
148.49	-190.92	0.00005	141.42	-197.99	0.00005
134.35	-205.06	0.00006	127.28	-212.13	0.00006
120.21	-219.20	0.00006	113.14	-226.27	0.00006
106.07	-233.35	0.00007	98.99	-240.42	0.00007
247.49	-106.07	0.00004	240.42	-113.14	0.00004
233.35	-120.21	0.00004	226.27	-127.28	0.00004
219.20	-134.35	0.00004	212.13	-141.42	0.00004
205.06	-148.49	0.00004	197.99	-155.56	0.00004
194.45	-159.10	0.00004	190.92	-162.63	0.00004
188.80	-164.76	0.00004	187.38	-166.17	0.00004
185.97	-167.58	0.00004	184.55	-169.00	0.00004
183.14	-170.41	0.00004	170.41	-183.14	0.00004
169.00	-184.55	0.00004	167.58	-185.97	0.00004
166.17	-187.38	0.00004	164.76	-188.80	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-----	-----	-----	-----	-----	-----

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

162.63	-190.92	0.00005	159.10	-194.45	0.00005
155.56	-197.99	0.00005	148.49	-205.06	0.00005
141.42	-212.13	0.00005	134.35	-219.20	0.00006
127.28	-226.27	0.00006	120.21	-233.35	0.00006
113.14	-240.42	0.00006	106.07	-247.49	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00136	-113.14	240.42	0.00161
-120.21	233.35	0.00191	-127.28	226.27	0.00225
-134.35	219.20	0.00262	-141.42	212.13	0.00300
-148.49	205.06	0.00332	-155.56	197.99	0.00347
-159.10	194.45	0.00338	-162.63	190.92	0.00310
-164.76	188.80	0.00282	-166.17	187.38	0.00261
-167.58	185.97	0.00239	-169.00	184.55	0.00216
-170.41	183.14	0.00194	-183.14	170.41	0.00102
-184.55	169.00	0.00099	-185.97	167.58	0.00097
-187.38	166.17	0.00096	-188.80	164.76	0.00094
-190.92	162.63	0.00094	-194.45	159.10	0.00094
-197.99	155.56	0.00096	-205.06	148.49	0.00100
-212.13	141.42	0.00103	-219.20	134.35	0.00102
-226.27	127.28	0.00100	-233.35	120.21	0.00096
-240.42	113.14	0.00091	-247.49	106.07	0.00086
-98.99	240.42	0.00134	-106.07	233.35	0.00160
-113.14	226.27	0.00193	-120.21	219.20	0.00233
-127.28	212.13	0.00278	-134.35	205.06	0.00329
-141.42	197.99	0.00380	-148.49	190.92	0.00424
-152.03	187.38	0.00439	-155.56	183.85	0.00438
-157.68	181.73	0.00426	-159.10	180.31	0.00409
-160.51	178.90	0.00384	-161.93	177.48	0.00351
-163.34	176.07	0.00313	-176.07	163.34	0.00126
-177.48	161.93	0.00124	-178.90	160.51	0.00122
-180.31	159.10	0.00122	-181.73	157.68	0.00123
-183.85	155.56	0.00125	-187.38	152.03	0.00129
-190.92	148.49	0.00133	-197.99	141.42	0.00137
-205.06	134.35	0.00136	-212.13	127.28	0.00131
-219.20	120.21	0.00124	-226.27	113.14	0.00116

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-233.35	106.07	0.00108	-240.42	98.99	0.00100
-91.92	233.35	0.00131	-99.00	226.27	0.00157
-106.07	219.20	0.00191	-113.14	212.13	0.00234
-120.21	205.06	0.00287	-127.28	197.99	0.00348
-134.35	190.92	0.00416	-141.42	183.85	0.00487
-144.96	180.31	0.00522	-148.49	176.78	0.00552
-150.61	174.66	0.00565	-152.03	173.24	0.00569
-153.44	171.83	0.00569	-154.86	170.41	0.00560
-156.27	169.00	0.00537	-169.00	156.27	0.00178
-170.41	154.86	0.00180	-171.83	153.44	0.00182
-173.24	152.03	0.00183	-174.66	150.61	0.00185

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
 PAGE 104
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00187	-180.31	144.96	0.00189
-183.85	141.42	0.00190	-190.92	134.35	0.00185
-197.99	127.28	0.00175	-205.06	120.21	0.00163
-212.13	113.14	0.00150	-219.20	106.07	0.00137
-226.27	98.99	0.00125	-233.35	91.92	0.00114
-84.85	226.27	0.00126	-91.92	219.20	0.00151
-99.00	212.13	0.00185	-106.07	205.06	0.00229
-113.14	197.99	0.00286	-120.21	190.92	0.00356
-127.28	183.85	0.00437	-134.35	176.78	0.00527
-137.89	173.24	0.00575	-141.42	169.71	0.00622
-143.54	167.58	0.00647	-144.96	166.17	0.00660
-146.37	164.76	0.00671	-147.79	163.34	0.00685
-149.20	161.93	0.00692	-161.93	149.20	0.00333
-163.34	147.79	0.00313	-164.76	146.37	0.00300
-166.17	144.96	0.00290	-167.58	143.54	0.00283
-169.71	141.42	0.00274	-173.24	137.89	0.00264
-176.78	134.35	0.00256	-183.85	127.28	0.00237
-190.92	120.21	0.00217	-197.99	113.14	0.00196
-205.06	106.07	0.00176	-212.13	98.99	0.00158
-219.20	91.92	0.00141	-226.27	84.85	0.00127
-77.78	219.20	0.00119	-84.85	212.13	0.00143
-91.92	205.06	0.00175	-99.00	197.99	0.00218
-106.07	190.92	0.00276	-113.14	183.85	0.00350

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	176.78	0.00441	-127.28	169.71	0.00543
-130.81	166.17	0.00596	-134.35	162.63	0.00649
-136.47	160.51	0.00675	-137.89	159.10	0.00689
-139.30	157.68	0.00699	-140.71	156.27	0.00707
-142.13	154.86	0.00715	-154.86	142.13	0.00422
-156.27	140.71	0.00407	-157.68	139.30	0.00395
-159.10	137.89	0.00385	-160.51	136.47	0.00376
-162.63	134.35	0.00363	-166.17	130.81	0.00344
-169.71	127.28	0.00326	-176.78	120.21	0.00292
-183.85	113.14	0.00259	-190.92	106.07	0.00229
-197.99	98.99	0.00202	-205.06	91.92	0.00178
-212.13	84.85	0.00157	-219.20	77.78	0.00139
-70.71	212.13	0.00111	-77.78	205.06	0.00133
-84.85	197.99	0.00163	-91.92	190.92	0.00202
-98.99	183.85	0.00257	-106.07	176.78	0.00331
-113.14	169.71	0.00426	-120.21	162.63	0.00537
-123.74	159.10	0.00594	-127.28	155.56	0.00648

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00676	-130.81	152.03	0.00692
-132.23	150.61	0.00703	-133.64	149.20	0.00710
-135.06	147.79	0.00718	-147.79	135.06	0.00456
-149.20	133.64	0.00445	-150.61	132.23	0.00437
-152.03	130.81	0.00431	-153.44	129.40	0.00425
-155.56	127.28	0.00416	-159.10	123.74	0.00400
-162.63	120.21	0.00382	-169.71	113.14	0.00342
-176.78	106.07	0.00300	-183.85	98.99	0.00262
-190.92	91.92	0.00227	-197.99	84.85	0.00197
-205.06	77.78	0.00171	-212.13	70.71	0.00150
-63.64	205.06	0.00102	-70.71	197.99	0.00122
-77.78	190.92	0.00149	-84.85	183.85	0.00184
-91.92	176.78	0.00232	-98.99	169.71	0.00300
-106.07	162.63	0.00394	-113.14	155.56	0.00512
-116.67	152.03	0.00574	-120.21	148.49	0.00632
-122.33	146.37	0.00664	-123.74	144.96	0.00682
-125.16	143.54	0.00696	-126.57	142.13	0.00705

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	140.71	0.00713	-140.71	127.99	0.00471
-142.13	126.57	0.00463	-143.54	125.16	0.00457
-144.96	123.74	0.00453	-146.37	122.33	0.00449
-148.49	120.21	0.00443	-152.03	116.67	0.00431
-155.56	113.14	0.00416	-162.63	106.07	0.00377
-169.71	98.99	0.00332	-176.78	91.92	0.00288
-183.85	84.85	0.00247	-190.92	77.78	0.00212
-197.99	70.71	0.00183	-205.06	63.64	0.00159
-56.57	197.99	0.00092	-63.64	190.92	0.00110
-70.71	183.85	0.00133	-77.78	176.78	0.00163
-84.85	169.71	0.00204	-91.92	162.63	0.00262
-98.99	155.56	0.00346	-106.07	148.49	0.00464
-109.60	144.96	0.00533	-113.14	141.42	0.00601
-115.26	139.30	0.00637	-116.67	137.89	0.00658
-118.09	136.47	0.00676	-119.50	135.06	0.00689
-120.92	133.64	0.00697	-133.64	120.92	0.00476
-135.06	119.50	0.00469	-136.47	118.09	0.00465
-137.89	116.67	0.00462	-139.30	115.26	0.00460
-141.42	113.14	0.00455	-144.96	109.60	0.00446
-148.49	106.07	0.00433	-155.56	98.99	0.00396
-162.63	91.92	0.00351	-169.71	84.85	0.00304
-176.78	77.78	0.00260	-183.85	70.71	0.00223
-190.92	63.64	0.00192	-197.99	56.57	0.00166

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTS:
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00082	-56.57	183.85	0.00097
-63.64	176.78	0.00116	-70.71	169.71	0.00141
-77.78	162.63	0.00175	-84.85	155.56	0.00221
-91.92	148.49	0.00289	-98.99	141.42	0.00393
-102.53	137.89	0.00464	-106.07	134.35	0.00542
-108.19	132.23	0.00587	-109.60	130.81	0.00614
-111.02	129.40	0.00637	-112.43	127.99	0.00655
-113.84	126.57	0.00668	-126.57	113.84	0.00473
-127.99	112.43	0.00467	-129.40	111.02	0.00465
-130.81	109.60	0.00463	-132.23	108.19	0.00461
-134.35	106.07	0.00457	-137.89	102.53	0.00449

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	98.99	0.00437	-148.49	91.92	0.00400
-155.56	84.85	0.00354	-162.63	77.78	0.00308
-169.71	70.71	0.00265	-176.78	63.64	0.00227
-183.85	56.57	0.00195	-190.92	49.50	0.00169
-42.43	183.85	0.00073	-49.50	176.78	0.00085
-56.57	169.71	0.00100	-63.64	162.63	0.00119
-70.71	155.56	0.00145	-77.78	148.49	0.00180
-84.85	141.42	0.00231	-91.92	134.35	0.00309
-95.46	130.81	0.00367	-98.99	127.28	0.00442
-101.12	125.16	0.00494	-102.53	123.74	0.00529
-103.94	122.33	0.00561	-105.36	120.92	0.00590
-106.77	119.50	0.00613	-119.50	106.77	0.00462
-120.92	105.36	0.00457	-122.33	103.94	0.00455
-123.74	102.53	0.00454	-125.16	101.12	0.00452
-127.28	98.99	0.00449	-130.81	95.46	0.00440
-134.35	91.92	0.00426	-141.42	84.85	0.00388
-148.49	77.78	0.00344	-155.56	70.71	0.00300
-162.63	63.64	0.00260	-169.71	56.57	0.00224
-176.78	49.50	0.00193	-183.85	42.43	0.00168
-35.36	176.78	0.00063	-42.43	169.71	0.00073
-49.50	162.63	0.00085	-56.57	155.56	0.00099
-63.64	148.49	0.00118	-70.71	141.42	0.00142
-77.78	134.35	0.00176	-84.85	127.28	0.00227
-88.39	123.74	0.00264	-91.92	120.21	0.00312
-94.05	118.09	0.00350	-95.46	116.67	0.00381
-96.87	115.26	0.00416	-98.29	113.84	0.00454
-99.70	112.43	0.00494	-112.43	99.70	0.00442
-113.84	98.29	0.00437	-115.26	96.87	0.00434
-116.67	95.46	0.00432	-118.09	94.05	0.00429

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
 PAGE 107
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00424	-123.74	88.39	0.00411
-127.28	84.85	0.00397	-134.35	77.78	0.00360
-141.42	70.71	0.00320	-148.49	63.64	0.00282
-155.56	56.57	0.00246	-162.63	49.50	0.00215
-169.71	42.43	0.00187	-176.78	35.36	0.00164

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-28.28	169.71	0.00054	-35.36	162.63	0.00062
-42.43	155.56	0.00070	-49.50	148.49	0.00081
-56.57	141.42	0.00093	-63.64	134.35	0.00109
-70.71	127.28	0.00130	-77.78	120.21	0.00157
-81.32	116.67	0.00174	-84.85	113.14	0.00194
-86.97	111.02	0.00208	-88.39	109.60	0.00219
-89.80	108.19	0.00231	-91.22	106.77	0.00247
-92.63	105.36	0.00269	-105.36	92.63	0.00391
-106.77	91.22	0.00382	-108.19	89.80	0.00376
-109.60	88.39	0.00372	-111.02	86.97	0.00369
-113.14	84.85	0.00364	-116.67	81.32	0.00355
-120.21	77.78	0.00344	-127.28	70.71	0.00318
-134.35	63.64	0.00287	-141.42	56.57	0.00256
-148.49	49.50	0.00227	-155.56	42.43	0.00201
-162.63	35.36	0.00177	-169.71	28.28	0.00157
-21.21	162.63	0.00046	-28.28	155.56	0.00052
-35.36	148.49	0.00058	-42.43	141.42	0.00065
-49.50	134.35	0.00073	-56.57	127.28	0.00082
-63.64	120.21	0.00093	-70.71	113.14	0.00105
-74.25	109.60	0.00111	-77.78	106.07	0.00116
-79.90	103.94	0.00118	-81.32	102.53	0.00119
-82.73	101.12	0.00120	-84.15	99.70	0.00120
-85.56	98.29	0.00120	-98.29	85.56	0.00234
-99.70	84.15	0.00248	-101.12	82.73	0.00258
-102.53	81.32	0.00265	-103.94	79.90	0.00271
-106.07	77.78	0.00277	-109.60	74.25	0.00281
-113.14	70.71	0.00280	-120.21	63.64	0.00268
-127.28	56.57	0.00249	-134.35	49.50	0.00227
-141.42	42.43	0.00205	-148.49	35.36	0.00184
-155.56	28.28	0.00165	-162.63	21.21	0.00147
-14.14	155.56	0.00039	-21.21	148.49	0.00043
-28.28	141.42	0.00047	-35.36	134.35	0.00052
-42.43	127.28	0.00057	-49.50	120.21	0.00063
-56.57	113.14	0.00068	-63.64	106.07	0.00074
-67.18	102.53	0.00076	-70.71	98.99	0.00078

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00080	-74.25	95.46	0.00081
-75.66	94.05	0.00083	-77.07	92.63	0.00085
-78.49	91.22	0.00087	-91.22	78.49	0.00139
-92.63	77.07	0.00149	-94.05	75.66	0.00159
-95.46	74.25	0.00168	-96.87	72.83	0.00176
-98.99	70.71	0.00187	-102.53	67.18	0.00201
-106.07	63.64	0.00209	-113.14	56.57	0.00214
-120.21	49.50	0.00207	-127.28	42.43	0.00195
-134.35	35.36	0.00180	-141.42	28.28	0.00165
-148.49	21.21	0.00150	-155.56	14.14	0.00136
-7.07	148.49	0.00034	-14.14	141.42	0.00036
-21.21	134.35	0.00039	-28.28	127.28	0.00042
-35.36	120.21	0.00045	-42.43	113.14	0.00048
-49.50	106.07	0.00052	-56.57	98.99	0.00055
-60.10	95.46	0.00058	-63.64	91.92	0.00061
-65.76	89.80	0.00063	-67.18	88.39	0.00065
-68.59	86.97	0.00067	-70.00	85.56	0.00068
-71.42	84.15	0.00070	-84.15	71.42	0.00099
-85.56	70.00	0.00105	-86.97	68.59	0.00111
-88.39	67.18	0.00117	-89.80	65.76	0.00122
-91.92	63.64	0.00130	-95.46	60.10	0.00141
-98.99	56.57	0.00150	-106.07	49.50	0.00162
-113.14	42.43	0.00164	-120.21	35.36	0.00160
-127.28	28.28	0.00153	-134.35	21.21	0.00144
-141.42	14.14	0.00133	-148.49	7.07	0.00123
0.00	141.42	0.00028	-7.07	134.35	0.00030
-14.14	127.28	0.00032	-21.21	120.21	0.00034
-28.28	113.14	0.00036	-35.36	106.07	0.00039
-42.43	98.99	0.00041	-49.50	91.92	0.00045
-53.03	88.39	0.00048	-56.57	84.85	0.00051
-58.69	82.73	0.00053	-60.10	81.32	0.00054
-61.52	79.90	0.00055	-62.93	78.49	0.00056
-64.35	77.07	0.00057	-77.07	64.35	0.00075
-78.49	62.93	0.00079	-79.90	61.52	0.00083
-81.32	60.10	0.00087	-82.73	58.69	0.00091
-84.85	56.57	0.00096	-88.39	53.03	0.00104
-91.92	49.50	0.00110	-98.99	42.43	0.00121
-106.07	35.36	0.00127	-113.14	28.28	0.00128
-120.21	21.21	0.00126	-127.28	14.14	0.00122
-134.35	7.07	0.00116	-141.42	0.00	0.00109

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:55:26

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00024	0.00	127.28	0.00025
-7.07	120.21	0.00027	-14.14	113.14	0.00028
-21.21	106.07	0.00030	-28.28	98.99	0.00032
-35.36	91.92	0.00034	-42.43	84.85	0.00039
-45.96	81.32	0.00041	-49.50	77.78	0.00043
-51.62	75.66	0.00044	-53.03	74.25	0.00045
-54.45	72.83	0.00046	-55.86	71.42	0.00047
-57.28	70.00	0.00047	-70.00	57.28	0.00059
-71.42	55.86	0.00062	-72.83	54.45	0.00065
-74.25	53.03	0.00068	-75.66	51.62	0.00070
-77.78	49.50	0.00074	-81.32	45.96	0.00080
-84.85	42.43	0.00085	-91.92	35.36	0.00093
-98.99	28.28	0.00098	-106.07	21.21	0.00102
-113.14	14.14	0.00103	-120.21	7.07	0.00101
-127.28	0.00	0.00099	-134.35	-7.07	0.00095
14.14	127.28	0.00021	7.07	120.21	0.00021
0.00	113.14	0.00022	-7.07	106.07	0.00024
-14.14	98.99	0.00025	-21.21	91.92	0.00027
-28.28	84.85	0.00030	-35.36	77.78	0.00033
-38.89	74.25	0.00035	-42.43	70.71	0.00037
-44.55	68.59	0.00038	-45.96	67.18	0.00038
-47.38	65.76	0.00039	-48.79	64.35	0.00039
-50.20	62.93	0.00040	-62.93	50.20	0.00048
-64.35	48.79	0.00050	-65.76	47.38	0.00052
-67.18	45.96	0.00054	-68.59	44.55	0.00056
-70.71	42.43	0.00059	-74.25	38.89	0.00063
-77.78	35.36	0.00067	-84.85	28.28	0.00073
-91.92	21.21	0.00078	-98.99	14.14	0.00081
-106.07	7.07	0.00083	-113.14	0.00	0.00084
-120.21	-7.07	0.00083	-127.28	-14.14	0.00081
21.21	120.21	0.00018	14.14	113.14	0.00018
7.07	106.07	0.00019	0.00	98.99	0.00020
-7.07	91.92	0.00022	-14.14	84.85	0.00024
-21.21	77.78	0.00026	-28.28	70.71	0.00029
-31.82	67.18	0.00030	-35.36	63.64	0.00032
-37.48	61.52	0.00032	-38.89	60.10	0.00033
-40.31	58.69	0.00033	-41.72	57.28	0.00034

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	55.86	0.00034	-55.86	43.13	0.00040
-57.28	41.72	0.00041	-58.69	40.31	0.00042
-60.10	38.89	0.00044	-61.52	37.48	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
 PAGE 110

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00048	-67.18	31.82	0.00051
-70.71	28.28	0.00054	-77.78	21.21	0.00059
-84.85	14.14	0.00063	-91.92	7.07	0.00066
-98.99	0.00	0.00068	-106.07	-7.07	0.00069
-113.14	-14.14	0.00070	-120.21	-21.21	0.00069
28.28	113.14	0.00015	21.21	106.07	0.00016
14.14	98.99	0.00017	7.07	91.92	0.00018
0.00	84.85	0.00019	-7.07	77.78	0.00021
-14.14	70.71	0.00023	-21.21	63.64	0.00026
-24.75	60.10	0.00027	-28.28	56.57	0.00028
-30.41	54.45	0.00028	-31.82	53.03	0.00028
-33.23	51.62	0.00029	-34.65	50.20	0.00029
-36.06	48.79	0.00029	-48.79	36.06	0.00033
-50.20	34.65	0.00034	-51.62	33.23	0.00035
-53.03	31.82	0.00036	-54.45	30.41	0.00037
-56.57	28.28	0.00039	-60.10	24.75	0.00042
-63.64	21.21	0.00045	-70.71	14.14	0.00049
-77.78	7.07	0.00052	-84.85	0.00	0.00055
-91.92	-7.07	0.00056	-98.99	-14.14	0.00058
-106.07	-21.21	0.00059	-113.14	-28.28	0.00059
35.36	106.07	0.00013	28.28	98.99	0.00014
21.21	91.92	0.00015	14.14	84.85	0.00016
7.07	77.78	0.00017	0.00	70.71	0.00019
-7.07	63.64	0.00021	-14.14	56.57	0.00023
-17.68	53.03	0.00023	-21.21	49.50	0.00024
-23.33	47.38	0.00024	-24.75	45.96	0.00025
-26.16	44.55	0.00025	-27.58	43.13	0.00025
-28.99	41.72	0.00025	-41.72	28.99	0.00028
-43.13	27.58	0.00029	-44.55	26.16	0.00030
-45.96	24.75	0.00031	-47.38	23.33	0.00032
-49.50	21.21	0.00033	-53.03	17.68	0.00035

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	14.14	0.00037	-63.64	7.07	0.00041
-70.71	0.00	0.00044	-77.78	-7.07	0.00046
-84.85	-14.14	0.00047	-91.92	-21.21	0.00049
-98.99	-28.28	0.00050	-106.07	-35.36	0.00050
42.43	98.99	0.00012	35.36	91.92	0.00012
28.28	84.85	0.00013	21.21	77.78	0.00015
14.14	70.71	0.00016	7.07	63.64	0.00017
0.00	56.57	0.00019	-7.07	49.50	0.00020
-10.61	45.96	0.00021	-14.14	42.43	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
 PAGE 111
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00021	-17.68	38.89	0.00022
-19.09	37.48	0.00022	-20.51	36.06	0.00022
-21.92	34.65	0.00022	-34.65	21.92	0.00024
-36.06	20.51	0.00025	-37.48	19.09	0.00026
-38.89	17.68	0.00026	-40.31	16.26	0.00027
-42.43	14.14	0.00028	-45.96	10.61	0.00030
-49.50	7.07	0.00032	-56.57	0.00	0.00035
-63.64	-7.07	0.00037	-70.71	-14.14	0.00039
-77.78	-21.21	0.00040	-84.85	-28.28	0.00042
-91.92	-35.36	0.00042	-98.99	-42.43	0.00043
49.50	91.92	0.00011	42.43	84.85	0.00011
35.36	77.78	0.00012	28.28	70.71	0.00013
21.21	63.64	0.00014	14.14	56.57	0.00016
7.07	49.50	0.00017	0.00	42.43	0.00018
-3.54	38.89	0.00018	-7.07	35.36	0.00019
-9.19	33.23	0.00019	-10.61	31.82	0.00019
-12.02	30.41	0.00019	-13.44	28.99	0.00019
-14.85	27.58	0.00019	-27.58	14.85	0.00021
-28.99	13.44	0.00022	-30.41	12.02	0.00022
-31.82	10.61	0.00023	-33.23	9.19	0.00023
-35.36	7.07	0.00024	-38.89	3.54	0.00026
-42.43	0.00	0.00027	-49.50	-7.07	0.00030
-56.57	-14.14	0.00032	-63.64	-21.21	0.00034
-70.71	-28.28	0.00035	-77.78	-35.36	0.00036
-84.85	-42.43	0.00037	-91.92	-49.50	0.00037

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

56.57	84.85	0.00010	49.50	77.78	0.00010
42.43	70.71	0.00011	35.36	63.64	0.00012
28.28	56.57	0.00013	21.21	49.50	0.00014
14.14	42.43	0.00015	7.07	35.36	0.00016
3.54	31.82	0.00016	0.00	28.28	0.00017
-2.12	26.16	0.00017	-3.54	24.75	0.00017
-4.95	23.33	0.00017	-6.36	21.92	0.00017
-7.78	20.51	0.00017	-20.51	7.78	0.00019
-21.92	6.36	0.00019	-23.33	4.95	0.00019
-24.75	3.54	0.00020	-26.16	2.12	0.00020
-28.28	0.00	0.00021	-31.82	-3.54	0.00022
-35.36	-7.07	0.00023	-42.43	-14.14	0.00026
-49.50	-21.21	0.00028	-56.57	-28.28	0.00029
-63.64	-35.36	0.00030	-70.71	-42.43	0.00031
-77.78	-49.50	0.00032	-84.85	-56.57	0.00033

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00009	56.57	70.71	0.00010
49.50	63.64	0.00011	42.43	56.57	0.00011
35.36	49.50	0.00012	28.28	42.43	0.00013
21.21	35.36	0.00014	14.14	28.28	0.00014
10.61	24.75	0.00015	7.07	21.21	0.00015
4.95	19.09	0.00015	3.54	17.68	0.00015
2.12	16.26	0.00015	0.71	14.85	0.00015
-0.71	13.44	0.00015	-13.44	0.71	0.00017
-14.85	-0.71	0.00017	-16.26	-2.12	0.00017
-17.68	-3.54	0.00018	-19.09	-4.95	0.00018
-21.21	-7.07	0.00018	-24.75	-10.61	0.00019
-28.28	-14.14	0.00020	-35.36	-21.21	0.00022
-42.43	-28.28	0.00024	-49.50	-35.36	0.00026
-56.57	-42.43	0.00027	-63.64	-49.50	0.00028
-70.71	-56.57	0.00028	-77.78	-63.64	0.00029
70.71	70.71	0.00008	63.64	63.64	0.00009
56.57	56.57	0.00010	49.50	49.50	0.00010
42.43	42.43	0.00011	35.36	35.36	0.00012
28.28	28.28	0.00012	21.21	21.21	0.00013

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

17.68	17.68	0.00013	14.14	14.14	0.00014
12.02	12.02	0.00014	10.61	10.61	0.00014
9.19	9.19	0.00014	7.78	7.78	0.00014
6.36	6.36	0.00014	-6.36	-6.36	0.00015
-7.78	-7.78	0.00015	-9.19	-9.19	0.00015
-10.61	-10.61	0.00016	-12.02	-12.02	0.00016
-14.14	-14.14	0.00016	-17.68	-17.68	0.00017
-21.21	-21.21	0.00018	-28.28	-28.28	0.00020
-35.36	-35.36	0.00021	-42.43	-42.43	0.00023
-49.50	-49.50	0.00024	-56.57	-56.57	0.00024
-63.64	-63.64	0.00025	-70.71	-70.71	0.00026
77.78	63.64	0.00008	70.71	56.57	0.00009
63.64	49.50	0.00009	56.57	42.43	0.00010
49.50	35.36	0.00010	42.43	28.28	0.00011
35.36	21.21	0.00011	28.28	14.14	0.00012
24.75	10.61	0.00012	21.21	7.07	0.00012
19.09	4.95	0.00012	17.68	3.54	0.00012
16.26	2.12	0.00012	14.85	0.71	0.00012
13.44	-0.71	0.00013	0.71	-13.44	0.00013
-0.71	-14.85	0.00014	-2.12	-16.26	0.00014
-3.54	-17.68	0.00014	-4.95	-19.09	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00015	-10.61	-24.75	0.00015
-14.14	-28.28	0.00016	-21.21	-35.36	0.00017
-28.28	-42.43	0.00019	-35.36	-49.50	0.00020
-42.43	-56.57	0.00021	-49.50	-63.64	0.00022
-56.57	-70.71	0.00022	-63.64	-77.78	0.00023
84.85	56.57	0.00008	77.78	49.50	0.00008
70.71	42.43	0.00009	63.64	35.36	0.00009
56.57	28.28	0.00009	49.50	21.21	0.00010
42.43	14.14	0.00010	35.36	7.07	0.00011
31.82	3.54	0.00011	28.28	0.00	0.00011
26.16	-2.12	0.00011	24.75	-3.54	0.00011
23.33	-4.95	0.00011	21.92	-6.36	0.00011
20.51	-7.78	0.00011	7.78	-20.51	0.00012

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

6.36	-21.92	0.00012	4.95	-23.33	0.00012
3.54	-24.75	0.00013	2.12	-26.16	0.00013
0.00	-28.28	0.00013	-3.54	-31.82	0.00014
-7.07	-35.36	0.00014	-14.14	-42.43	0.00016
-21.21	-49.50	0.00017	-28.28	-56.57	0.00018
-35.36	-63.64	0.00019	-42.43	-70.71	0.00019
-49.50	-77.78	0.00020	-56.57	-84.85	0.00020
91.92	49.50	0.00007	84.85	42.43	0.00008
77.78	35.36	0.00008	70.71	28.28	0.00008
63.64	21.21	0.00009	56.57	14.14	0.00009
49.50	7.07	0.00010	42.43	0.00	0.00010
38.89	-3.54	0.00010	35.36	-7.07	0.00010
33.23	-9.19	0.00010	31.82	-10.61	0.00010
30.41	-12.02	0.00010	28.99	-13.44	0.00010
27.58	-14.85	0.00010	14.85	-27.58	0.00011
13.44	-28.99	0.00011	12.02	-30.41	0.00011
10.61	-31.82	0.00011	9.19	-33.23	0.00012
7.07	-35.36	0.00012	3.54	-38.89	0.00012
0.00	-42.43	0.00013	-7.07	-49.50	0.00014
-14.14	-56.57	0.00015	-21.21	-63.64	0.00016
-28.28	-70.71	0.00017	-35.36	-77.78	0.00017
-42.43	-84.85	0.00018	-49.50	-91.92	0.00018
98.99	42.43	0.00007	91.92	35.36	0.00007
84.85	28.28	0.00007	77.78	21.21	0.00008
70.71	14.14	0.00008	63.64	7.07	0.00009
56.57	0.00	0.00009	49.50	-7.07	0.00009
45.96	-10.61	0.00009	42.43	-14.14	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00009	38.89	-17.68	0.00009
37.48	-19.09	0.00009	36.06	-20.51	0.00010
34.65	-21.92	0.00010	21.92	-34.65	0.00010
20.51	-36.06	0.00010	19.09	-37.48	0.00010
17.68	-38.89	0.00010	16.26	-40.31	0.00011
14.14	-42.43	0.00011	10.61	-45.96	0.00011
7.07	-49.50	0.00012	0.00	-56.57	0.00013

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-63.64	0.00014	-14.14	-70.71	0.00014
-21.21	-77.78	0.00015	-28.28	-84.85	0.00016
-35.36	-91.92	0.00016	-42.43	-98.99	0.00017
106.07	35.36	0.00006	98.99	28.28	0.00007
91.92	21.21	0.00007	84.85	14.14	0.00007
77.78	7.07	0.00008	70.71	0.00	0.00008
63.64	-7.07	0.00008	56.57	-14.14	0.00008
53.03	-17.68	0.00009	49.50	-21.21	0.00009
47.38	-23.33	0.00009	45.96	-24.75	0.00009
44.55	-26.16	0.00009	43.13	-27.58	0.00009
41.72	-28.99	0.00009	28.99	-41.72	0.00009
27.58	-43.13	0.00009	26.16	-44.55	0.00009
24.75	-45.96	0.00010	23.33	-47.38	0.00010
21.21	-49.50	0.00010	17.68	-53.03	0.00010
14.14	-56.57	0.00011	7.07	-63.64	0.00011
0.00	-70.71	0.00012	-7.07	-77.78	0.00013
-14.14	-84.85	0.00014	-21.21	-91.92	0.00014
-28.28	-98.99	0.00015	-35.36	-106.07	0.00015
113.14	28.28	0.00006	106.07	21.21	0.00006
98.99	14.14	0.00007	91.92	7.07	0.00007
84.85	0.00	0.00007	77.78	-7.07	0.00007
70.71	-14.14	0.00008	63.64	-21.21	0.00008
60.10	-24.75	0.00008	56.57	-28.28	0.00008
54.45	-30.41	0.00008	53.03	-31.82	0.00008
51.62	-33.23	0.00008	50.20	-34.65	0.00008
48.79	-36.06	0.00008	36.06	-48.79	0.00009
34.65	-50.20	0.00009	33.23	-51.62	0.00009
31.82	-53.03	0.00009	30.41	-54.45	0.00009
28.28	-56.57	0.00009	24.75	-60.10	0.00009
21.21	-63.64	0.00010	14.14	-70.71	0.00010
7.07	-77.78	0.00011	0.00	-84.85	0.00012
-7.07	-91.92	0.00012	-14.14	-98.99	0.00013
-21.21	-106.07	0.00013	-28.28	-113.14	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00006	113.14	14.14	0.00006

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

106.07	7.07	0.00006	98.99	0.00	0.00006
91.92	-7.07	0.00007	84.85	-14.14	0.00007
77.78	-21.21	0.00007	70.71	-28.28	0.00007
67.18	-31.82	0.00007	63.64	-35.36	0.00007
61.52	-37.48	0.00007	60.10	-38.89	0.00007
58.69	-40.31	0.00007	57.28	-41.72	0.00008
55.86	-43.13	0.00008	43.13	-55.86	0.00008
41.72	-57.28	0.00008	40.31	-58.69	0.00008
38.89	-60.10	0.00008	37.48	-61.52	0.00008
35.36	-63.64	0.00008	31.82	-67.18	0.00009
28.28	-70.71	0.00009	21.21	-77.78	0.00010
14.14	-84.85	0.00010	7.07	-91.92	0.00011
0.00	-98.99	0.00011	-7.07	-106.07	0.00012
-14.14	-113.14	0.00012	-21.21	-120.21	0.00013
127.28	14.14	0.00005	120.21	7.07	0.00006
113.14	0.00	0.00006	106.07	-7.07	0.00006
98.99	-14.14	0.00006	91.92	-21.21	0.00006
84.85	-28.28	0.00007	77.78	-35.36	0.00007
74.25	-38.89	0.00007	70.71	-42.43	0.00007
68.59	-44.55	0.00007	67.18	-45.96	0.00007
65.76	-47.38	0.00007	64.35	-48.79	0.00007
62.93	-50.20	0.00007	50.20	-62.93	0.00007
48.79	-64.35	0.00007	47.38	-65.76	0.00007
45.96	-67.18	0.00008	44.55	-68.59	0.00008
42.43	-70.71	0.00008	38.89	-74.25	0.00008
35.36	-77.78	0.00008	28.28	-84.85	0.00009
21.21	-91.92	0.00009	14.14	-98.99	0.00010
7.07	-106.07	0.00010	0.00	-113.14	0.00011
-7.07	-120.21	0.00011	-14.14	-127.28	0.00012
134.35	7.07	0.00005	127.28	0.00	0.00005
120.21	-7.07	0.00005	113.14	-14.14	0.00006
106.07	-21.21	0.00006	98.99	-28.28	0.00006
91.92	-35.36	0.00006	84.85	-42.43	0.00006
81.32	-45.96	0.00006	77.78	-49.50	0.00006
75.66	-51.62	0.00006	74.25	-53.03	0.00006
72.83	-54.45	0.00006	71.42	-55.86	0.00007
70.00	-57.28	0.00007	57.28	-70.00	0.00007
55.86	-71.42	0.00007	54.45	-72.83	0.00007
53.03	-74.25	0.00007	51.62	-75.66	0.00007

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00007	45.96	-81.32	0.00007
42.43	-84.85	0.00008	35.36	-91.92	0.00008
28.28	-98.99	0.00009	21.21	-106.07	0.00009
14.14	-113.14	0.00010	7.07	-120.21	0.00010
0.00	-127.28	0.00010	-7.07	-134.35	0.00011
141.42	0.00	0.00005	134.35	-7.07	0.00005
127.28	-14.14	0.00005	120.21	-21.21	0.00005
113.14	-28.28	0.00006	106.07	-35.36	0.00006
98.99	-42.43	0.00006	91.92	-49.50	0.00006
88.39	-53.03	0.00006	84.85	-56.57	0.00006
82.73	-58.69	0.00006	81.32	-60.10	0.00006
79.90	-61.52	0.00006	78.49	-62.93	0.00006
77.07	-64.35	0.00006	64.35	-77.07	0.00006
62.93	-78.49	0.00006	61.52	-79.90	0.00006
60.10	-81.32	0.00007	58.69	-82.73	0.00007
56.57	-84.85	0.00007	53.03	-88.39	0.00007
49.50	-91.92	0.00007	42.43	-98.99	0.00007
35.36	-106.07	0.00008	28.28	-113.14	0.00008
21.21	-120.21	0.00009	14.14	-127.28	0.00009
7.07	-134.35	0.00010	0.00	-141.42	0.00010
148.49	-7.07	0.00005	141.42	-14.14	0.00005
134.35	-21.21	0.00005	127.28	-28.28	0.00005
120.21	-35.36	0.00005	113.14	-42.43	0.00005
106.07	-49.50	0.00005	98.99	-56.57	0.00006
95.46	-60.10	0.00006	91.92	-63.64	0.00006
89.80	-65.76	0.00006	88.39	-67.18	0.00006
86.97	-68.59	0.00006	85.56	-70.00	0.00006
84.15	-71.42	0.00006	71.42	-84.15	0.00006
70.00	-85.56	0.00006	68.59	-86.97	0.00006
67.18	-88.39	0.00006	65.76	-89.80	0.00006
63.64	-91.92	0.00006	60.10	-95.46	0.00006
56.57	-98.99	0.00007	49.50	-106.07	0.00007
42.43	-113.14	0.00007	35.36	-120.21	0.00008
28.28	-127.28	0.00008	21.21	-134.35	0.00009
14.14	-141.42	0.00009	7.07	-148.49	0.00009
155.56	-14.14	0.00004	148.49	-21.21	0.00004
141.42	-28.28	0.00005	134.35	-35.36	0.00005
127.28	-42.43	0.00005	120.21	-49.50	0.00005
113.14	-56.57	0.00005	106.07	-63.64	0.00005

102.53 -67.18 0.00005 98.99 -70.71 0.00005

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00005	95.46	-74.25	0.00005
94.05	-75.66	0.00005	92.63	-77.07	0.00005
91.22	-78.49	0.00005	78.49	-91.22	0.00006
77.07	-92.63	0.00006	75.66	-94.05	0.00006
74.25	-95.46	0.00006	72.83	-96.87	0.00006
70.71	-98.99	0.00006	67.18	-102.53	0.00006
63.64	-106.07	0.00006	56.57	-113.14	0.00006
49.50	-120.21	0.00007	42.43	-127.28	0.00007
35.36	-134.35	0.00008	28.28	-141.42	0.00008
21.21	-148.49	0.00008	14.14	-155.56	0.00009
162.63	-21.21	0.00004	155.56	-28.28	0.00004
148.49	-35.36	0.00004	141.42	-42.43	0.00005
134.35	-49.50	0.00005	127.28	-56.57	0.00005
120.21	-63.64	0.00005	113.14	-70.71	0.00005
109.60	-74.25	0.00005	106.07	-77.78	0.00005
103.94	-79.90	0.00005	102.53	-81.32	0.00005
101.12	-82.73	0.00005	99.70	-84.15	0.00005
98.29	-85.56	0.00005	85.56	-98.29	0.00005
84.15	-99.70	0.00005	82.73	-101.12	0.00005
81.32	-102.53	0.00005	79.90	-103.94	0.00005
77.78	-106.07	0.00005	74.25	-109.60	0.00006
70.71	-113.14	0.00006	63.64	-120.21	0.00006
56.57	-127.28	0.00006	49.50	-134.35	0.00007
42.43	-141.42	0.00007	35.36	-148.49	0.00007
28.28	-155.56	0.00008	21.21	-162.63	0.00008
169.71	-28.28	0.00004	162.63	-35.36	0.00004
155.56	-42.43	0.00004	148.49	-49.50	0.00004
141.42	-56.57	0.00004	134.35	-63.64	0.00005
127.28	-70.71	0.00005	120.21	-77.78	0.00005
116.67	-81.32	0.00005	113.14	-84.85	0.00005
111.02	-86.97	0.00005	109.60	-88.39	0.00005
108.19	-89.80	0.00005	106.77	-91.22	0.00005
105.36	-92.63	0.00005	92.63	-105.36	0.00005

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

91.22	-106.77	0.00005	89.80	-108.19	0.00005
88.39	-109.60	0.00005	86.97	-111.02	0.00005
84.85	-113.14	0.00005	81.32	-116.67	0.00005
77.78	-120.21	0.00005	70.71	-127.28	0.00006
63.64	-134.35	0.00006	56.57	-141.42	0.00006
49.50	-148.49	0.00007	42.43	-155.56	0.00007
35.36	-162.63	0.00007	28.28	-169.71	0.00007

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

18:55:26

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00004	169.71	-42.43	0.00004
162.63	-49.50	0.00004	155.56	-56.57	0.00004
148.49	-63.64	0.00004	141.42	-70.71	0.00004
134.35	-77.78	0.00004	127.28	-84.85	0.00004
123.74	-88.39	0.00004	120.21	-91.92	0.00004
118.09	-94.05	0.00004	116.67	-95.46	0.00004
115.26	-96.87	0.00004	113.84	-98.29	0.00004
112.43	-99.70	0.00004	99.70	-112.43	0.00005
98.29	-113.84	0.00005	96.87	-115.26	0.00005
95.46	-116.67	0.00005	94.05	-118.09	0.00005
91.92	-120.21	0.00005	88.39	-123.74	0.00005
84.85	-127.28	0.00005	77.78	-134.35	0.00005
70.71	-141.42	0.00006	63.64	-148.49	0.00006
56.57	-155.56	0.00006	49.50	-162.63	0.00006
42.43	-169.71	0.00007	35.36	-176.78	0.00007
183.85	-42.43	0.00004	176.78	-49.50	0.00004
169.71	-56.57	0.00004	162.63	-63.64	0.00004
155.56	-70.71	0.00004	148.49	-77.78	0.00004
141.42	-84.85	0.00004	134.35	-91.92	0.00004
130.81	-95.46	0.00004	127.28	-98.99	0.00004
125.16	-101.12	0.00004	123.74	-102.53	0.00004
122.33	-103.94	0.00004	120.92	-105.36	0.00004
119.50	-106.77	0.00004	106.77	-119.50	0.00004
105.36	-120.92	0.00004	103.94	-122.33	0.00004
102.53	-123.74	0.00004	101.12	-125.16	0.00005
98.99	-127.28	0.00005	95.46	-130.81	0.00005
91.92	-134.35	0.00005	84.85	-141.42	0.00005

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-148.49	0.00005	70.71	-155.56	0.00006
63.64	-162.63	0.00006	56.57	-169.71	0.00006
49.50	-176.78	0.00006	42.43	-183.85	0.00007
190.92	-49.50	0.00003	183.85	-56.57	0.00004
176.78	-63.64	0.00004	169.71	-70.71	0.00004
162.63	-77.78	0.00004	155.56	-84.85	0.00004
148.49	-91.92	0.00004	141.42	-98.99	0.00004
137.89	-102.53	0.00004	134.35	-106.07	0.00004
132.23	-108.19	0.00004	130.81	-109.60	0.00004
129.40	-111.02	0.00004	127.99	-112.43	0.00004
126.57	-113.84	0.00004	113.84	-126.57	0.00004
112.43	-127.99	0.00004	111.02	-129.40	0.00004
109.60	-130.81	0.00004	108.19	-132.23	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00004	102.53	-137.89	0.00004
98.99	-141.42	0.00004	91.92	-148.49	0.00005
84.85	-155.56	0.00005	77.78	-162.63	0.00005
70.71	-169.71	0.00005	63.64	-176.78	0.00006
56.57	-183.85	0.00006	49.50	-190.92	0.00006
197.99	-56.57	0.00003	190.92	-63.64	0.00003
183.85	-70.71	0.00003	176.78	-77.78	0.00004
169.71	-84.85	0.00004	162.63	-91.92	0.00004
155.56	-98.99	0.00004	148.49	-106.07	0.00004
144.96	-109.60	0.00004	141.42	-113.14	0.00004
139.30	-115.26	0.00004	137.89	-116.67	0.00004
136.47	-118.09	0.00004	135.06	-119.50	0.00004
133.64	-120.92	0.00004	120.92	-133.64	0.00004
119.50	-135.06	0.00004	118.09	-136.47	0.00004
116.67	-137.89	0.00004	115.26	-139.30	0.00004
113.14	-141.42	0.00004	109.60	-144.96	0.00004
106.07	-148.49	0.00004	98.99	-155.56	0.00004
91.92	-162.63	0.00005	84.85	-169.71	0.00005
77.78	-176.78	0.00005	70.71	-183.85	0.00005
63.64	-190.92	0.00006	56.57	-197.99	0.00006
205.06	-63.64	0.00003	197.99	-70.71	0.00003

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-77.78	0.00003	183.85	-84.85	0.00003
176.78	-91.92	0.00003	169.71	-98.99	0.00004
162.63	-106.07	0.00004	155.56	-113.14	0.00004
152.03	-116.67	0.00004	148.49	-120.21	0.00004
146.37	-122.33	0.00004	144.96	-123.74	0.00004
143.54	-125.16	0.00004	142.13	-126.57	0.00004
140.71	-127.99	0.00004	127.99	-140.71	0.00004
126.57	-142.13	0.00004	125.16	-143.54	0.00004
123.74	-144.96	0.00004	122.33	-146.37	0.00004
120.21	-148.49	0.00004	116.67	-152.03	0.00004
113.14	-155.56	0.00004	106.07	-162.63	0.00004
98.99	-169.71	0.00004	91.92	-176.78	0.00005
84.85	-183.85	0.00005	77.78	-190.92	0.00005
70.71	-197.99	0.00005	63.64	-205.06	0.00005
212.13	-70.71	0.00003	205.06	-77.78	0.00003
197.99	-84.85	0.00003	190.92	-91.92	0.00003
183.85	-98.99	0.00003	176.78	-106.07	0.00003
169.71	-113.14	0.00003	162.63	-120.21	0.00003
159.10	-123.74	0.00003	155.56	-127.28	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00003	152.03	-130.81	0.00003
150.61	-132.23	0.00003	149.20	-133.64	0.00003
147.79	-135.06	0.00003	135.06	-147.79	0.00004
133.64	-149.20	0.00004	132.23	-150.61	0.00004
130.81	-152.03	0.00004	129.40	-153.44	0.00004
127.28	-155.56	0.00004	123.74	-159.10	0.00004
120.21	-162.63	0.00004	113.14	-169.71	0.00004
106.07	-176.78	0.00004	98.99	-183.85	0.00004
91.92	-190.92	0.00005	84.85	-197.99	0.00005
77.78	-205.06	0.00005	70.71	-212.13	0.00005
219.20	-77.78	0.00003	212.13	-84.85	0.00003
205.06	-91.92	0.00003	197.99	-98.99	0.00003
190.92	-106.07	0.00003	183.85	-113.14	0.00003
176.78	-120.21	0.00003	169.71	-127.28	0.00003
166.17	-130.81	0.00003	162.63	-134.35	0.00003

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

160.51	-136.47	0.00003	159.10	-137.89	0.00003
157.68	-139.30	0.00003	156.27	-140.71	0.00003
154.86	-142.13	0.00003	142.13	-154.86	0.00003
140.71	-156.27	0.00003	139.30	-157.68	0.00003
137.89	-159.10	0.00003	136.47	-160.51	0.00003
134.35	-162.63	0.00003	130.81	-166.17	0.00004
127.28	-169.71	0.00004	120.21	-176.78	0.00004
113.14	-183.85	0.00004	106.07	-190.92	0.00004
98.99	-197.99	0.00004	91.92	-205.06	0.00004
84.85	-212.13	0.00005	77.78	-219.20	0.00005
226.27	-84.85	0.00003	219.20	-91.92	0.00003
212.13	-98.99	0.00003	205.06	-106.07	0.00003
197.99	-113.14	0.00003	190.92	-120.21	0.00003
183.85	-127.28	0.00003	176.78	-134.35	0.00003
173.24	-137.89	0.00003	169.71	-141.42	0.00003
167.58	-143.54	0.00003	166.17	-144.96	0.00003
164.76	-146.37	0.00003	163.34	-147.79	0.00003
161.93	-149.20	0.00003	149.20	-161.93	0.00003
147.79	-163.34	0.00003	146.37	-164.76	0.00003
144.96	-166.17	0.00003	143.54	-167.58	0.00003
141.42	-169.71	0.00003	137.89	-173.24	0.00003
134.35	-176.78	0.00003	127.28	-183.85	0.00004
120.21	-190.92	0.00004	113.14	-197.99	0.00004
106.07	-205.06	0.00004	98.99	-212.13	0.00004
91.92	-219.20	0.00004	84.85	-226.27	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

18:55:26

**MODELOPTs:
 PAGE 121

CONC URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00003	226.27	-98.99	0.00003
219.20	-106.07	0.00003	212.13	-113.14	0.00003
205.06	-120.21	0.00003	197.99	-127.28	0.00003
190.92	-134.35	0.00003	183.85	-141.42	0.00003
180.31	-144.96	0.00003	176.78	-148.49	0.00003
174.66	-150.61	0.00003	173.24	-152.03	0.00003
171.83	-153.44	0.00003	170.41	-154.86	0.00003
169.00	-156.27	0.00003	156.27	-169.00	0.00003
154.86	-170.41	0.00003	153.44	-171.83	0.00003

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

152.03	-173.24	0.00003	150.61	-174.66	0.00003
148.49	-176.78	0.00003	144.96	-180.31	0.00003
141.42	-183.85	0.00003	134.35	-190.92	0.00003
127.28	-197.99	0.00004	120.21	-205.06	0.00004
113.14	-212.13	0.00004	106.07	-219.20	0.00004
98.99	-226.27	0.00004	91.92	-233.35	0.00004
240.42	-98.99	0.00003	233.35	-106.07	0.00003
226.27	-113.14	0.00003	219.20	-120.21	0.00003
212.13	-127.28	0.00003	205.06	-134.35	0.00003
197.99	-141.42	0.00003	190.92	-148.49	0.00003
187.38	-152.03	0.00003	183.85	-155.56	0.00003
181.73	-157.68	0.00003	180.31	-159.10	0.00003
178.90	-160.51	0.00003	177.48	-161.93	0.00003
176.07	-163.34	0.00003	163.34	-176.07	0.00003
161.93	-177.48	0.00003	160.51	-178.90	0.00003
159.10	-180.31	0.00003	157.68	-181.73	0.00003
155.56	-183.85	0.00003	152.03	-187.38	0.00003
148.49	-190.92	0.00003	141.42	-197.99	0.00003
134.35	-205.06	0.00003	127.28	-212.13	0.00004
120.21	-219.20	0.00004	113.14	-226.27	0.00004
106.07	-233.35	0.00004	98.99	-240.42	0.00004
247.49	-106.07	0.00002	240.42	-113.14	0.00003
233.35	-120.21	0.00003	226.27	-127.28	0.00003
219.20	-134.35	0.00003	212.13	-141.42	0.00003
205.06	-148.49	0.00003	197.99	-155.56	0.00003
194.45	-159.10	0.00003	190.92	-162.63	0.00003
188.80	-164.76	0.00003	187.38	-166.17	0.00003
185.97	-167.58	0.00003	184.55	-169.00	0.00003
183.14	-170.41	0.00003	170.41	-183.14	0.00003
169.00	-184.55	0.00003	167.58	-185.97	0.00003
166.17	-187.38	0.00003	164.76	-188.80	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00003	159.10	-194.45	0.00003
155.56	-197.99	0.00003	148.49	-205.06	0.00003
141.42	-212.13	0.00003	134.35	-219.20	0.00003

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-226.27	0.00003	120.21	-233.35	0.00004
113.14	-240.42	0.00004	106.07	-247.49	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00259	-113.14	240.42	0.00279
-120.21	233.35	0.00303	-127.28	226.27	0.00328
-134.35	219.20	0.00356	-141.42	212.13	0.00384
-148.49	205.06	0.00408	-155.56	197.99	0.00415
-159.10	194.45	0.00404	-162.63	190.92	0.00373
-164.76	188.80	0.00344	-166.17	187.38	0.00322
-167.58	185.97	0.00298	-169.00	184.55	0.00274
-170.41	183.14	0.00252	-183.14	170.41	0.00154
-184.55	169.00	0.00150	-185.97	167.58	0.00147
-187.38	166.17	0.00145	-188.80	164.76	0.00144
-190.92	162.63	0.00142	-194.45	159.10	0.00141
-197.99	155.56	0.00142	-205.06	148.49	0.00144
-212.13	141.42	0.00145	-219.20	134.35	0.00143
-226.27	127.28	0.00139	-233.35	120.21	0.00135
-240.42	113.14	0.00129	-247.49	106.07	0.00124
-98.99	240.42	0.00271	-106.07	233.35	0.00294
-113.14	226.27	0.00321	-120.21	219.20	0.00352
-127.28	212.13	0.00387	-134.35	205.06	0.00425
-141.42	197.99	0.00466	-148.49	190.92	0.00501
-152.03	187.38	0.00512	-155.56	183.85	0.00509
-157.68	181.73	0.00494	-159.10	180.31	0.00476
-160.51	178.90	0.00450	-161.93	177.48	0.00416
-163.34	176.07	0.00377	-176.07	163.34	0.00182
-177.48	161.93	0.00179	-178.90	160.51	0.00177
-180.31	159.10	0.00177	-181.73	157.68	0.00177
-183.85	155.56	0.00178	-187.38	152.03	0.00180
-190.92	148.49	0.00183	-197.99	141.42	0.00184
-205.06	134.35	0.00182	-212.13	127.28	0.00175
-219.20	120.21	0.00167	-226.27	113.14	0.00158
-233.35	106.07	0.00150	-240.42	98.99	0.00141
-91.92	233.35	0.00282	-99.00	226.27	0.00308
-106.07	219.20	0.00338	-113.14	212.13	0.00373

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	205.06	0.00414	-127.28	197.99	0.00461
-134.35	190.92	0.00516	-141.42	183.85	0.00575
-144.96	180.31	0.00605	-148.49	176.78	0.00632
-150.61	174.66	0.00642	-152.03	173.24	0.00644
-153.44	171.83	0.00643	-154.86	170.41	0.00633
-156.27	169.00	0.00608	-169.00	156.27	0.00240
-170.41	154.86	0.00241	-171.83	153.44	0.00242
-173.24	152.03	0.00243	-174.66	150.61	0.00244

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00245	-180.31	144.96	0.00245
-183.85	141.42	0.00244	-190.92	134.35	0.00237
-197.99	127.28	0.00225	-205.06	120.21	0.00212
-212.13	113.14	0.00197	-219.20	106.07	0.00184
-226.27	98.99	0.00171	-233.35	91.92	0.00159
-84.85	226.27	0.00292	-91.92	219.20	0.00320
-99.00	212.13	0.00352	-106.07	205.06	0.00391
-113.14	197.99	0.00436	-120.21	190.92	0.00491
-127.28	183.85	0.00555	-134.35	176.78	0.00630
-137.89	173.24	0.00672	-141.42	169.71	0.00713
-143.54	167.58	0.00734	-144.96	166.17	0.00746
-146.37	164.76	0.00755	-147.79	163.34	0.00767
-149.20	161.93	0.00772	-161.93	149.20	0.00401
-163.34	147.79	0.00381	-164.76	146.37	0.00366
-166.17	144.96	0.00356	-167.58	143.54	0.00348
-169.71	141.42	0.00338	-173.24	137.89	0.00326
-176.78	134.35	0.00315	-183.85	127.28	0.00294
-190.92	120.21	0.00272	-197.99	113.14	0.00250
-205.06	106.07	0.00229	-212.13	98.99	0.00210
-219.20	91.92	0.00193	-226.27	84.85	0.00178
-77.78	219.20	0.00300	-84.85	212.13	0.00330
-91.92	205.06	0.00364	-99.00	197.99	0.00405
-106.07	190.92	0.00454	-113.14	183.85	0.00513
-120.21	176.78	0.00583	-127.28	169.71	0.00665
-130.81	166.17	0.00709	-134.35	162.63	0.00754
-136.47	160.51	0.00776	-137.89	159.10	0.00788

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-139.30	157.68	0.00795	-140.71	156.27	0.00801
-142.13	154.86	0.00806	-154.86	142.13	0.00498
-156.27	140.71	0.00482	-157.68	139.30	0.00469
-159.10	137.89	0.00458	-160.51	136.47	0.00448
-162.63	134.35	0.00433	-166.17	130.81	0.00412
-169.71	127.28	0.00392	-176.78	120.21	0.00355
-183.85	113.14	0.00320	-190.92	106.07	0.00289
-197.99	98.99	0.00261	-205.06	91.92	0.00237
-212.13	84.85	0.00216	-219.20	77.78	0.00197
-70.71	212.13	0.00307	-77.78	205.06	0.00338
-84.85	197.99	0.00374	-91.92	190.92	0.00417
-98.99	183.85	0.00468	-106.07	176.78	0.00529
-113.14	169.71	0.00602	-120.21	162.63	0.00686
-123.74	159.10	0.00730	-127.28	155.56	0.00773

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00795	-130.81	152.03	0.00807
-132.23	150.61	0.00815	-133.64	149.20	0.00818
-135.06	147.79	0.00823	-147.79	135.06	0.00542
-149.20	133.64	0.00530	-150.61	132.23	0.00520
-152.03	130.81	0.00512	-153.44	129.40	0.00505
-155.56	127.28	0.00495	-159.10	123.74	0.00476
-162.63	120.21	0.00456	-169.71	113.14	0.00413
-176.78	106.07	0.00369	-183.85	98.99	0.00329
-190.92	91.92	0.00294	-197.99	84.85	0.00264
-205.06	77.78	0.00238	-212.13	70.71	0.00217
-63.64	205.06	0.00313	-70.71	197.99	0.00345
-77.78	190.92	0.00382	-84.85	183.85	0.00426
-91.92	176.78	0.00478	-98.99	169.71	0.00540
-106.07	162.63	0.00614	-113.14	155.56	0.00699
-116.67	152.03	0.00743	-120.21	148.49	0.00784
-122.33	146.37	0.00807	-123.74	144.96	0.00819
-125.16	143.54	0.00829	-126.57	142.13	0.00833
-127.99	140.71	0.00837	-140.71	127.99	0.00569
-142.13	126.57	0.00559	-143.54	125.16	0.00551
-144.96	123.74	0.00545	-146.37	122.33	0.00539

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-148.49	120.21	0.00531	-152.03	116.67	0.00517
-155.56	113.14	0.00500	-162.63	106.07	0.00458
-169.71	98.99	0.00411	-176.78	91.92	0.00366
-183.85	84.85	0.00326	-190.92	77.78	0.00291
-197.99	70.71	0.00261	-205.06	63.64	0.00236
-56.57	197.99	0.00318	-63.64	190.92	0.00350
-70.71	183.85	0.00388	-77.78	176.78	0.00432
-84.85	169.71	0.00486	-91.92	162.63	0.00549
-98.99	155.56	0.00623	-106.07	148.49	0.00707
-109.60	144.96	0.00752	-113.14	141.42	0.00795
-115.26	139.30	0.00817	-116.67	137.89	0.00829
-118.09	136.47	0.00839	-119.50	135.06	0.00844
-120.92	133.64	0.00846	-133.64	120.92	0.00587
-135.06	119.50	0.00578	-136.47	118.09	0.00572
-137.89	116.67	0.00567	-139.30	115.26	0.00562
-141.42	113.14	0.00556	-144.96	109.60	0.00544
-148.49	106.07	0.00528	-155.56	98.99	0.00489
-162.63	91.92	0.00443	-169.71	84.85	0.00397
-176.78	77.78	0.00354	-183.85	70.71	0.00316
-190.92	63.64	0.00283	-197.99	56.57	0.00255

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTS:
 PAGE 126

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00322	-56.57	183.85	0.00354
-63.64	176.78	0.00393	-70.71	169.71	0.00438
-77.78	162.63	0.00491	-84.85	155.56	0.00555
-91.92	148.49	0.00629	-98.99	141.42	0.00714
-102.53	137.89	0.00759	-106.07	134.35	0.00803
-108.19	132.23	0.00826	-109.60	130.81	0.00838
-111.02	129.40	0.00847	-112.43	127.99	0.00852
-113.84	126.57	0.00853	-126.57	113.84	0.00601
-127.99	112.43	0.00593	-129.40	111.02	0.00587
-130.81	109.60	0.00583	-132.23	108.19	0.00579
-134.35	106.07	0.00573	-137.89	102.53	0.00563
-141.42	98.99	0.00548	-148.49	91.92	0.00512
-155.56	84.85	0.00467	-162.63	77.78	0.00421
-169.71	70.71	0.00377	-176.78	63.64	0.00337

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-183.85	56.57	0.00302	-190.92	49.50	0.00272
-42.43	183.85	0.00325	-49.50	176.78	0.00358
-56.57	169.71	0.00396	-63.64	162.63	0.00442
-70.71	155.56	0.00495	-77.78	148.49	0.00558
-84.85	141.42	0.00633	-91.92	134.35	0.00719
-95.46	130.81	0.00766	-98.99	127.28	0.00810
-101.12	125.16	0.00833	-102.53	123.74	0.00845
-103.94	122.33	0.00855	-105.36	120.92	0.00859
-106.77	119.50	0.00860	-119.50	106.77	0.00611
-120.92	105.36	0.00603	-122.33	103.94	0.00598
-123.74	102.53	0.00595	-125.16	101.12	0.00592
-127.28	98.99	0.00586	-130.81	95.46	0.00577
-134.35	91.92	0.00564	-141.42	84.85	0.00528
-148.49	77.78	0.00485	-155.56	70.71	0.00439
-162.63	63.64	0.00395	-169.71	56.57	0.00355
-176.78	49.50	0.00319	-183.85	42.43	0.00288
-35.36	176.78	0.00327	-42.43	169.71	0.00361
-49.50	162.63	0.00399	-56.57	155.56	0.00445
-63.64	148.49	0.00499	-70.71	141.42	0.00562
-77.78	134.35	0.00637	-84.85	127.28	0.00723
-88.39	123.74	0.00771	-91.92	120.21	0.00816
-94.05	118.09	0.00839	-95.46	116.67	0.00852
-96.87	115.26	0.00861	-98.29	113.84	0.00866
-99.70	112.43	0.00865	-112.43	99.70	0.00620
-113.84	98.29	0.00612	-115.26	96.87	0.00607
-116.67	95.46	0.00604	-118.09	94.05	0.00601

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTS:

PAGE 127

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00597	-123.74	88.39	0.00587
-127.28	84.85	0.00575	-134.35	77.78	0.00540
-141.42	70.71	0.00498	-148.49	63.64	0.00453
-155.56	56.57	0.00409	-162.63	49.50	0.00369
-169.71	42.43	0.00333	-176.78	35.36	0.00301
-28.28	169.71	0.00329	-35.36	162.63	0.00363
-42.43	155.56	0.00401	-49.50	148.49	0.00447
-56.57	141.42	0.00501	-63.64	134.35	0.00565

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	127.28	0.00640	-77.78	120.21	0.00727
-81.32	116.67	0.00774	-84.85	113.14	0.00821
-86.97	111.02	0.00845	-88.39	109.60	0.00858
-89.80	108.19	0.00868	-91.22	106.77	0.00874
-92.63	105.36	0.00872	-105.36	92.63	0.00626
-106.77	91.22	0.00619	-108.19	89.80	0.00613
-109.60	88.39	0.00610	-111.02	86.97	0.00608
-113.14	84.85	0.00604	-116.67	81.32	0.00596
-120.21	77.78	0.00584	-127.28	70.71	0.00550
-134.35	63.64	0.00508	-141.42	56.57	0.00464
-148.49	49.50	0.00420	-155.56	42.43	0.00380
-162.63	35.36	0.00344	-169.71	28.28	0.00312
-21.21	162.63	0.00331	-28.28	155.56	0.00364
-35.36	148.49	0.00403	-42.43	141.42	0.00449
-49.50	134.35	0.00503	-56.57	127.28	0.00567
-63.64	120.21	0.00643	-70.71	113.14	0.00730
-74.25	109.60	0.00777	-77.78	106.07	0.00823
-79.90	103.94	0.00847	-81.32	102.53	0.00859
-82.73	101.12	0.00869	-84.15	99.70	0.00881
-85.56	98.29	0.00887	-98.29	85.56	0.00630
-99.70	84.15	0.00623	-101.12	82.73	0.00619
-102.53	81.32	0.00616	-103.94	79.90	0.00614
-106.07	77.78	0.00610	-109.60	74.25	0.00602
-113.14	70.71	0.00590	-120.21	63.64	0.00558
-127.28	56.57	0.00516	-134.35	49.50	0.00472
-141.42	42.43	0.00429	-148.49	35.36	0.00390
-155.56	28.28	0.00354	-162.63	21.21	0.00322
-14.14	155.56	0.00332	-21.21	148.49	0.00365
-28.28	141.42	0.00404	-35.36	134.35	0.00450
-42.43	127.28	0.00504	-49.50	120.21	0.00569
-56.57	113.14	0.00645	-63.64	106.07	0.00732
-67.18	102.53	0.00779	-70.71	98.99	0.00826

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTS:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00850	-74.25	95.46	0.00863
-75.66	94.05	0.00872	-77.07	92.63	0.00880

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-78.49	91.22	0.00887	-91.22	78.49	0.00632
-92.63	77.07	0.00626	-94.05	75.66	0.00623
-95.46	74.25	0.00620	-96.87	72.83	0.00618
-98.99	70.71	0.00615	-102.53	67.18	0.00608
-106.07	63.64	0.00596	-113.14	56.57	0.00564
-120.21	49.50	0.00523	-127.28	42.43	0.00479
-134.35	35.36	0.00436	-141.42	28.28	0.00397
-148.49	21.21	0.00361	-155.56	14.14	0.00329
-7.07	148.49	0.00332	-14.14	141.42	0.00366
-21.21	134.35	0.00405	-28.28	127.28	0.00451
-35.36	120.21	0.00505	-42.43	113.14	0.00570
-49.50	106.07	0.00647	-56.57	98.99	0.00735
-60.10	95.46	0.00781	-63.64	91.92	0.00827
-65.76	89.80	0.00852	-67.18	88.39	0.00866
-68.59	86.97	0.00875	-70.00	85.56	0.00880
-71.42	84.15	0.00887	-84.15	71.42	0.00635
-85.56	70.00	0.00629	-86.97	68.59	0.00626
-88.39	67.18	0.00623	-89.80	65.76	0.00622
-91.92	63.64	0.00619	-95.46	60.10	0.00612
-98.99	56.57	0.00601	-106.07	49.50	0.00569
-113.14	42.43	0.00528	-120.21	35.36	0.00485
-127.28	28.28	0.00442	-134.35	21.21	0.00403
-141.42	14.14	0.00367	-148.49	7.07	0.00335
0.00	141.42	0.00332	-7.07	134.35	0.00366
-14.14	127.28	0.00405	-21.21	120.21	0.00452
-28.28	113.14	0.00506	-35.36	106.07	0.00572
-42.43	98.99	0.00649	-49.50	91.92	0.00737
-53.03	88.39	0.00784	-56.57	84.85	0.00829
-58.69	82.73	0.00853	-60.10	81.32	0.00867
-61.52	79.90	0.00877	-62.93	78.49	0.00883
-64.35	77.07	0.00887	-77.07	64.35	0.00638
-78.49	62.93	0.00632	-79.90	61.52	0.00628
-81.32	60.10	0.00626	-82.73	58.69	0.00624
-84.85	56.57	0.00622	-88.39	53.03	0.00615
-91.92	49.50	0.00604	-98.99	42.43	0.00573
-106.07	35.36	0.00533	-113.14	28.28	0.00489
-120.21	21.21	0.00447	-127.28	14.14	0.00408
-134.35	7.07	0.00372	-141.42	0.00	0.00341

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTS:
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00332	0.00	127.28	0.00366
-7.07	120.21	0.00406	-14.14	113.14	0.00452
-21.21	106.07	0.00507	-28.28	98.99	0.00573
-35.36	91.92	0.00650	-42.43	84.85	0.00738
-45.96	81.32	0.00785	-49.50	77.78	0.00831
-51.62	75.66	0.00854	-53.03	74.25	0.00868
-54.45	72.83	0.00878	-55.86	71.42	0.00884
-57.28	70.00	0.00886	-70.00	57.28	0.00640
-71.42	55.86	0.00634	-72.83	54.45	0.00631
-74.25	53.03	0.00628	-75.66	51.62	0.00626
-77.78	49.50	0.00624	-81.32	45.96	0.00617
-84.85	42.43	0.00607	-91.92	35.36	0.00576
-98.99	28.28	0.00536	-106.07	21.21	0.00493
-113.14	14.14	0.00451	-120.21	7.07	0.00412
-127.28	0.00	0.00377	-134.35	-7.07	0.00345
14.14	127.28	0.00332	7.07	120.21	0.00366
0.00	113.14	0.00406	-7.07	106.07	0.00452
-14.14	98.99	0.00508	-21.21	91.92	0.00573
-28.28	84.85	0.00651	-35.36	77.78	0.00740
-38.89	74.25	0.00787	-42.43	70.71	0.00832
-44.55	68.59	0.00857	-45.96	67.18	0.00869
-47.38	65.76	0.00879	-48.79	64.35	0.00885
-50.20	62.93	0.00886	-62.93	50.20	0.00642
-64.35	48.79	0.00636	-65.76	47.38	0.00632
-67.18	45.96	0.00630	-68.59	44.55	0.00628
-70.71	42.43	0.00626	-74.25	38.89	0.00619
-77.78	35.36	0.00609	-84.85	28.28	0.00579
-91.92	21.21	0.00539	-98.99	14.14	0.00496
-106.07	7.07	0.00455	-113.14	0.00	0.00416
-120.21	-7.07	0.00380	-127.28	-14.14	0.00349
21.21	120.21	0.00331	14.14	113.14	0.00366
7.07	106.07	0.00405	0.00	98.99	0.00452
-7.07	91.92	0.00508	-14.14	84.85	0.00573
-21.21	77.78	0.00651	-28.28	70.71	0.00740
-31.82	67.18	0.00788	-35.36	63.64	0.00834
-37.48	61.52	0.00857	-38.89	60.10	0.00871
-40.31	58.69	0.00880	-41.72	57.28	0.00885
-43.13	55.86	0.00886	-55.86	43.13	0.00644
-57.28	41.72	0.00637	-58.69	40.31	0.00634
-60.10	38.89	0.00632	-61.52	37.48	0.00630

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

18:55:26

**MODELOPTs:

PAGE 130

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00627	-67.18	31.82	0.00621
-70.71	28.28	0.00611	-77.78	21.21	0.00581
-84.85	14.14	0.00542	-91.92	7.07	0.00499
-98.99	0.00	0.00457	-106.07	-7.07	0.00419
-113.14	-14.14	0.00383	-120.21	-21.21	0.00352
28.28	113.14	0.00331	21.21	106.07	0.00365
14.14	98.99	0.00405	7.07	91.92	0.00452
0.00	84.85	0.00508	-7.07	77.78	0.00574
-14.14	70.71	0.00651	-21.21	63.64	0.00740
-24.75	60.10	0.00789	-28.28	56.57	0.00835
-30.41	54.45	0.00859	-31.82	53.03	0.00872
-33.23	51.62	0.00881	-34.65	50.20	0.00886
-36.06	48.79	0.00886	-48.79	36.06	0.00645
-50.20	34.65	0.00638	-51.62	33.23	0.00635
-53.03	31.82	0.00633	-54.45	30.41	0.00631
-56.57	28.28	0.00629	-60.10	24.75	0.00622
-63.64	21.21	0.00613	-70.71	14.14	0.00583
-77.78	7.07	0.00543	-84.85	0.00	0.00501
-91.92	-7.07	0.00460	-98.99	-14.14	0.00421
-106.07	-21.21	0.00386	-113.14	-28.28	0.00354
35.36	106.07	0.00330	28.28	98.99	0.00364
21.21	91.92	0.00405	14.14	84.85	0.00452
7.07	77.78	0.00508	0.00	70.71	0.00574
-7.07	63.64	0.00651	-14.14	56.57	0.00740
-17.68	53.03	0.00789	-21.21	49.50	0.00836
-23.33	47.38	0.00860	-24.75	45.96	0.00874
-26.16	44.55	0.00885	-27.58	43.13	0.00891
-28.99	41.72	0.00889	-41.72	28.99	0.00647
-43.13	27.58	0.00640	-44.55	26.16	0.00635
-45.96	24.75	0.00633	-47.38	23.33	0.00632
-49.50	21.21	0.00630	-53.03	17.68	0.00623
-56.57	14.14	0.00614	-63.64	7.07	0.00584
-70.71	0.00	0.00545	-77.78	-7.07	0.00503
-84.85	-14.14	0.00462	-91.92	-21.21	0.00423

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-98.99	-28.28	0.00388	-106.07	-35.36	0.00357
42.43	98.99	0.00328	35.36	91.92	0.00363
28.28	84.85	0.00404	21.21	77.78	0.00451
14.14	70.71	0.00507	7.07	63.64	0.00573
0.00	56.57	0.00651	-7.07	49.50	0.00740
-10.61	45.96	0.00788	-14.14	42.43	0.00835

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

18:55:26
 **MODELOPTs:
 PAGE 131
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00859	-17.68	38.89	0.00872
-19.09	37.48	0.00881	-20.51	36.06	0.00894
-21.92	34.65	0.00900	-34.65	21.92	0.00646
-36.06	20.51	0.00640	-37.48	19.09	0.00636
-38.89	17.68	0.00634	-40.31	16.26	0.00633
-42.43	14.14	0.00630	-45.96	10.61	0.00624
-49.50	7.07	0.00614	-56.57	0.00	0.00585
-63.64	-7.07	0.00546	-70.71	-14.14	0.00504
-77.78	-21.21	0.00463	-84.85	-28.28	0.00425
-91.92	-35.36	0.00390	-98.99	-42.43	0.00358
49.50	91.92	0.00327	42.43	84.85	0.00362
35.36	77.78	0.00403	28.28	70.71	0.00450
21.21	63.64	0.00507	14.14	56.57	0.00573
7.07	49.50	0.00651	0.00	42.43	0.00740
-3.54	38.89	0.00787	-7.07	35.36	0.00835
-9.19	33.23	0.00859	-10.61	31.82	0.00872
-12.02	30.41	0.00881	-13.44	28.99	0.00889
-14.85	27.58	0.00897	-27.58	14.85	0.00645
-28.99	13.44	0.00639	-30.41	12.02	0.00636
-31.82	10.61	0.00635	-33.23	9.19	0.00633
-35.36	7.07	0.00631	-38.89	3.54	0.00625
-42.43	0.00	0.00615	-49.50	-7.07	0.00586
-56.57	-14.14	0.00547	-63.64	-21.21	0.00505
-70.71	-28.28	0.00464	-77.78	-35.36	0.00426
-84.85	-42.43	0.00391	-91.92	-49.50	0.00360
56.57	84.85	0.00325	49.50	77.78	0.00360
42.43	70.71	0.00401	35.36	63.64	0.00449
28.28	56.57	0.00506	21.21	49.50	0.00572

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

14.14	42.43	0.00650	7.07	35.36	0.00740
3.54	31.82	0.00787	0.00	28.28	0.00833
-2.12	26.16	0.00859	-3.54	24.75	0.00873
-4.95	23.33	0.00882	-6.36	21.92	0.00887
-7.78	20.51	0.00894	-20.51	7.78	0.00645
-21.92	6.36	0.00639	-23.33	4.95	0.00636
-24.75	3.54	0.00634	-26.16	2.12	0.00633
-28.28	0.00	0.00631	-31.82	-3.54	0.00625
-35.36	-7.07	0.00616	-42.43	-14.14	0.00586
-49.50	-21.21	0.00548	-56.57	-28.28	0.00506
-63.64	-35.36	0.00465	-70.71	-42.43	0.00427
-77.78	-49.50	0.00392	-84.85	-56.57	0.00361

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00323	56.57	70.71	0.00358
49.50	63.64	0.00400	42.43	56.57	0.00448
35.36	49.50	0.00504	28.28	42.43	0.00571
21.21	35.36	0.00650	14.14	28.28	0.00740
10.61	24.75	0.00787	7.07	21.21	0.00832
4.95	19.09	0.00857	3.54	17.68	0.00871
2.12	16.26	0.00882	0.71	14.85	0.00887
-0.71	13.44	0.00892	-13.44	0.71	0.00645
-14.85	-0.71	0.00639	-16.26	-2.12	0.00636
-17.68	-3.54	0.00634	-19.09	-4.95	0.00633
-21.21	-7.07	0.00630	-24.75	-10.61	0.00625
-28.28	-14.14	0.00616	-35.36	-21.21	0.00587
-42.43	-28.28	0.00548	-49.50	-35.36	0.00507
-56.57	-42.43	0.00466	-63.64	-49.50	0.00428
-70.71	-56.57	0.00393	-77.78	-63.64	0.00362
70.71	70.71	0.00320	63.64	63.64	0.00356
56.57	56.57	0.00398	49.50	49.50	0.00446
42.43	42.43	0.00503	35.36	35.36	0.00570
28.28	28.28	0.00649	21.21	21.21	0.00739
17.68	17.68	0.00786	14.14	14.14	0.00832
12.02	12.02	0.00856	10.61	10.61	0.00870
9.19	9.19	0.00880	7.78	7.78	0.00886

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

6.36	6.36	0.00889	-6.36	-6.36	0.00644
-7.78	-7.78	0.00639	-9.19	-9.19	0.00635
-10.61	-10.61	0.00633	-12.02	-12.02	0.00632
-14.14	-14.14	0.00630	-17.68	-17.68	0.00625
-21.21	-21.21	0.00615	-28.28	-28.28	0.00587
-35.36	-35.36	0.00548	-42.43	-42.43	0.00507
-49.50	-49.50	0.00466	-56.57	-56.57	0.00428
-63.64	-63.64	0.00394	-70.71	-70.71	0.00363
77.78	63.64	0.00317	70.71	56.57	0.00353
63.64	49.50	0.00395	56.57	42.43	0.00444
49.50	35.36	0.00501	42.43	28.28	0.00568
35.36	21.21	0.00647	28.28	14.14	0.00738
24.75	10.61	0.00785	21.21	7.07	0.00832
19.09	4.95	0.00856	17.68	3.54	0.00869
16.26	2.12	0.00879	14.85	0.71	0.00885
13.44	-0.71	0.00886	0.71	-13.44	0.00644
-0.71	-14.85	0.00638	-2.12	-16.26	0.00635
-3.54	-17.68	0.00633	-4.95	-19.09	0.00632

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00629	-10.61	-24.75	0.00624
-14.14	-28.28	0.00615	-21.21	-35.36	0.00586
-28.28	-42.43	0.00548	-35.36	-49.50	0.00507
-42.43	-56.57	0.00467	-49.50	-63.64	0.00429
-56.57	-70.71	0.00394	-63.64	-77.78	0.00363
84.85	56.57	0.00313	77.78	49.50	0.00350
70.71	42.43	0.00392	63.64	35.36	0.00441
56.57	28.28	0.00499	49.50	21.21	0.00566
42.43	14.14	0.00645	35.36	7.07	0.00736
31.82	3.54	0.00784	28.28	0.00	0.00831
26.16	-2.12	0.00855	24.75	-3.54	0.00868
23.33	-4.95	0.00878	21.92	-6.36	0.00883
20.51	-7.78	0.00884	7.78	-20.51	0.00644
6.36	-21.92	0.00637	4.95	-23.33	0.00634
3.54	-24.75	0.00632	2.12	-26.16	0.00631
0.00	-28.28	0.00629	-3.54	-31.82	0.00623

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-35.36	0.00614	-14.14	-42.43	0.00586
-21.21	-49.50	0.00548	-28.28	-56.57	0.00507
-35.36	-63.64	0.00466	-42.43	-70.71	0.00429
-49.50	-77.78	0.00394	-56.57	-84.85	0.00363
91.92	49.50	0.00309	84.85	42.43	0.00346
77.78	35.36	0.00389	70.71	28.28	0.00438
63.64	21.21	0.00496	56.57	14.14	0.00564
49.50	7.07	0.00643	42.43	0.00	0.00734
38.89	-3.54	0.00783	35.36	-7.07	0.00830
33.23	-9.19	0.00854	31.82	-10.61	0.00867
30.41	-12.02	0.00877	28.99	-13.44	0.00882
27.58	-14.85	0.00882	14.85	-27.58	0.00643
13.44	-28.99	0.00637	12.02	-30.41	0.00633
10.61	-31.82	0.00631	9.19	-33.23	0.00630
7.07	-35.36	0.00628	3.54	-38.89	0.00622
0.00	-42.43	0.00613	-7.07	-49.50	0.00585
-14.14	-56.57	0.00548	-21.21	-63.64	0.00507
-28.28	-70.71	0.00466	-35.36	-77.78	0.00429
-42.43	-84.85	0.00394	-49.50	-91.92	0.00363
98.99	42.43	0.00304	91.92	35.36	0.00342
84.85	28.28	0.00385	77.78	21.21	0.00435
70.71	14.14	0.00493	63.64	7.07	0.00561
56.57	0.00	0.00641	49.50	-7.07	0.00731
45.96	-10.61	0.00780	42.43	-14.14	0.00828

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00853	38.89	-17.68	0.00867
37.48	-19.09	0.00878	36.06	-20.51	0.00885
34.65	-21.92	0.00883	21.92	-34.65	0.00642
20.51	-36.06	0.00636	19.09	-37.48	0.00632
17.68	-38.89	0.00630	16.26	-40.31	0.00629
14.14	-42.43	0.00627	10.61	-45.96	0.00621
7.07	-49.50	0.00612	0.00	-56.57	0.00584
-7.07	-63.64	0.00547	-14.14	-70.71	0.00506
-21.21	-77.78	0.00466	-28.28	-84.85	0.00428
-35.36	-91.92	0.00394	-42.43	-98.99	0.00363

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

106.07	35.36	0.00298	98.99	28.28	0.00336
91.92	21.21	0.00380	84.85	14.14	0.00431
77.78	7.07	0.00490	70.71	0.00	0.00558
63.64	-7.07	0.00638	56.57	-14.14	0.00729
53.03	-17.68	0.00778	49.50	-21.21	0.00825
47.38	-23.33	0.00850	45.96	-24.75	0.00862
44.55	-26.16	0.00872	43.13	-27.58	0.00885
41.72	-28.99	0.00892	28.99	-41.72	0.00640
27.58	-43.13	0.00634	26.16	-44.55	0.00631
24.75	-45.96	0.00629	23.33	-47.38	0.00627
21.21	-49.50	0.00626	17.68	-53.03	0.00620
14.14	-56.57	0.00611	7.07	-63.64	0.00583
0.00	-70.71	0.00546	-7.07	-77.78	0.00505
-14.14	-84.85	0.00465	-21.21	-91.92	0.00427
-28.28	-98.99	0.00393	-35.36	-106.07	0.00362
113.14	28.28	0.00291	106.07	21.21	0.00330
98.99	14.14	0.00374	91.92	7.07	0.00426
84.85	0.00	0.00485	77.78	-7.07	0.00554
70.71	-14.14	0.00635	63.64	-21.21	0.00726
60.10	-24.75	0.00774	56.57	-28.28	0.00822
54.45	-30.41	0.00848	53.03	-31.82	0.00861
51.62	-33.23	0.00870	50.20	-34.65	0.00878
48.79	-36.06	0.00886	36.06	-48.79	0.00636
34.65	-50.20	0.00631	33.23	-51.62	0.00629
31.82	-53.03	0.00627	30.41	-54.45	0.00626
28.28	-56.57	0.00624	24.75	-60.10	0.00619
21.21	-63.64	0.00610	14.14	-70.71	0.00582
7.07	-77.78	0.00545	0.00	-84.85	0.00504
-7.07	-91.92	0.00464	-14.14	-98.99	0.00427
-21.21	-106.07	0.00392	-28.28	-113.14	0.00362

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00283	113.14	14.14	0.00322
106.07	7.07	0.00368	98.99	0.00	0.00420
91.92	-7.07	0.00480	84.85	-14.14	0.00550
77.78	-21.21	0.00631	70.71	-28.28	0.00723

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

67.18	-31.82	0.00771	63.64	-35.36	0.00818
61.52	-37.48	0.00844	60.10	-38.89	0.00858
58.69	-40.31	0.00868	57.28	-41.72	0.00874
55.86	-43.13	0.00881	43.13	-55.86	0.00634
41.72	-57.28	0.00629	40.31	-58.69	0.00626
38.89	-60.10	0.00624	37.48	-61.52	0.00623
35.36	-63.64	0.00622	31.82	-67.18	0.00617
28.28	-70.71	0.00608	21.21	-77.78	0.00580
14.14	-84.85	0.00543	7.07	-91.92	0.00503
0.00	-98.99	0.00463	-7.07	-106.07	0.00425
-14.14	-113.14	0.00391	-21.21	-120.21	0.00361
127.28	14.14	0.00274	120.21	7.07	0.00313
113.14	0.00	0.00359	106.07	-7.07	0.00412
98.99	-14.14	0.00474	91.92	-21.21	0.00544
84.85	-28.28	0.00626	77.78	-35.36	0.00719
74.25	-38.89	0.00768	70.71	-42.43	0.00814
68.59	-44.55	0.00840	67.18	-45.96	0.00854
65.76	-47.38	0.00865	64.35	-48.79	0.00871
62.93	-50.20	0.00876	50.20	-62.93	0.00632
48.79	-64.35	0.00626	47.38	-65.76	0.00623
45.96	-67.18	0.00622	44.55	-68.59	0.00621
42.43	-70.71	0.00619	38.89	-74.25	0.00614
35.36	-77.78	0.00606	28.28	-84.85	0.00578
21.21	-91.92	0.00542	14.14	-98.99	0.00501
7.07	-106.07	0.00461	0.00	-113.14	0.00424
-7.07	-120.21	0.00390	-14.14	-127.28	0.00359
134.35	7.07	0.00263	127.28	0.00	0.00303
120.21	-7.07	0.00349	113.14	-14.14	0.00403
106.07	-21.21	0.00466	98.99	-28.28	0.00538
91.92	-35.36	0.00621	84.85	-42.43	0.00714
81.32	-45.96	0.00763	77.78	-49.50	0.00811
75.66	-51.62	0.00835	74.25	-53.03	0.00849
72.83	-54.45	0.00860	71.42	-55.86	0.00867
70.00	-57.28	0.00870	57.28	-70.00	0.00629
55.86	-71.42	0.00623	54.45	-72.83	0.00621
53.03	-74.25	0.00619	51.62	-75.66	0.00618

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00616	45.96	-81.32	0.00612
42.43	-84.85	0.00603	35.36	-91.92	0.00576
28.28	-98.99	0.00539	21.21	-106.07	0.00499
14.14	-113.14	0.00459	7.07	-120.21	0.00422
0.00	-127.28	0.00388	-7.07	-134.35	0.00358
141.42	0.00	0.00251	134.35	-7.07	0.00291
127.28	-14.14	0.00338	120.21	-21.21	0.00392
113.14	-28.28	0.00456	106.07	-35.36	0.00529
98.99	-42.43	0.00614	91.92	-49.50	0.00708
88.39	-53.03	0.00758	84.85	-56.57	0.00806
82.73	-58.69	0.00831	81.32	-60.10	0.00845
79.90	-61.52	0.00855	78.49	-62.93	0.00862
77.07	-64.35	0.00863	64.35	-77.07	0.00626
62.93	-78.49	0.00620	61.52	-79.90	0.00617
60.10	-81.32	0.00616	58.69	-82.73	0.00615
56.57	-84.85	0.00613	53.03	-88.39	0.00609
49.50	-91.92	0.00601	42.43	-98.99	0.00574
35.36	-106.07	0.00537	28.28	-113.14	0.00497
21.21	-120.21	0.00457	14.14	-127.28	0.00420
7.07	-134.35	0.00386	0.00	-141.42	0.00355
148.49	-7.07	0.00238	141.42	-14.14	0.00277
134.35	-21.21	0.00323	127.28	-28.28	0.00379
120.21	-35.36	0.00444	113.14	-42.43	0.00519
106.07	-49.50	0.00605	98.99	-56.57	0.00701
95.46	-60.10	0.00752	91.92	-63.64	0.00800
89.80	-65.76	0.00825	88.39	-67.18	0.00840
86.97	-68.59	0.00850	85.56	-70.00	0.00856
84.15	-71.42	0.00858	71.42	-84.15	0.00622
70.00	-85.56	0.00616	68.59	-86.97	0.00613
67.18	-88.39	0.00612	65.76	-89.80	0.00611
63.64	-91.92	0.00609	60.10	-95.46	0.00605
56.57	-98.99	0.00597	49.50	-106.07	0.00570
42.43	-113.14	0.00534	35.36	-120.21	0.00494
28.28	-127.28	0.00454	21.21	-134.35	0.00417
14.14	-141.42	0.00383	7.07	-148.49	0.00353
155.56	-14.14	0.00224	148.49	-21.21	0.00261
141.42	-28.28	0.00307	134.35	-35.36	0.00363
127.28	-42.43	0.00429	120.21	-49.50	0.00506
113.14	-56.57	0.00594	106.07	-63.64	0.00692
102.53	-67.18	0.00744	98.99	-70.71	0.00794

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
96.87	-72.83	0.00820	95.46	-74.25	0.00834	
94.05	-75.66	0.00844	92.63	-77.07	0.00850	
91.22	-78.49	0.00851	78.49	-91.22	0.00618	
77.07	-92.63	0.00612	75.66	-94.05	0.00609	
74.25	-95.46	0.00608	72.83	-96.87	0.00607	
70.71	-98.99	0.00605	67.18	-102.53	0.00601	
63.64	-106.07	0.00593	56.57	-113.14	0.00567	
49.50	-120.21	0.00531	42.43	-127.28	0.00491	
35.36	-134.35	0.00451	28.28	-141.42	0.00414	
21.21	-148.49	0.00380	14.14	-155.56	0.00350	
162.63	-21.21	0.00209	155.56	-28.28	0.00244	
148.49	-35.36	0.00288	141.42	-42.43	0.00343	
134.35	-49.50	0.00410	127.28	-56.57	0.00490	
120.21	-63.64	0.00580	113.14	-70.71	0.00680	
109.60	-74.25	0.00734	106.07	-77.78	0.00785	
103.94	-79.90	0.00812	102.53	-81.32	0.00827	
101.12	-82.73	0.00839	99.70	-84.15	0.00847	
98.29	-85.56	0.00846	85.56	-98.29	0.00613	
84.15	-99.70	0.00607	82.73	-101.12	0.00603	
81.32	-102.53	0.00602	79.90	-103.94	0.00602	
77.78	-106.07	0.00600	74.25	-109.60	0.00596	
70.71	-113.14	0.00589	63.64	-120.21	0.00563	
56.57	-127.28	0.00526	49.50	-134.35	0.00486	
42.43	-141.42	0.00447	35.36	-148.49	0.00410	
28.28	-155.56	0.00376	21.21	-162.63	0.00345	
169.71	-28.28	0.00194	162.63	-35.36	0.00226	
155.56	-42.43	0.00267	148.49	-49.50	0.00320	
141.42	-56.57	0.00387	134.35	-63.64	0.00468	
127.28	-70.71	0.00562	120.21	-77.78	0.00666	
116.67	-81.32	0.00720	113.14	-84.85	0.00773	
111.02	-86.97	0.00800	109.60	-88.39	0.00814	
108.19	-89.80	0.00826	106.77	-91.22	0.00840	
105.36	-92.63	0.00848	92.63	-105.36	0.00605	
91.22	-106.77	0.00600	89.80	-108.19	0.00597	
88.39	-109.60	0.00596	86.97	-111.02	0.00596	
84.85	-113.14	0.00595	81.32	-116.67	0.00591	

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-120.21	0.00583	70.71	-127.28	0.00557
63.64	-134.35	0.00521	56.57	-141.42	0.00481
49.50	-148.49	0.00442	42.43	-155.56	0.00405
35.36	-162.63	0.00371	28.28	-169.71	0.00340

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00179	169.71	-42.43	0.00208
162.63	-49.50	0.00245	155.56	-56.57	0.00294
148.49	-63.64	0.00358	141.42	-70.71	0.00440
134.35	-77.78	0.00538	127.28	-84.85	0.00647
123.74	-88.39	0.00703	120.21	-91.92	0.00758
118.09	-94.05	0.00787	116.67	-95.46	0.00802
115.26	-96.87	0.00814	113.84	-98.29	0.00824
112.43	-99.70	0.00834	99.70	-112.43	0.00595
98.29	-113.84	0.00591	96.87	-115.26	0.00590
95.46	-116.67	0.00589	94.05	-118.09	0.00589
91.92	-120.21	0.00588	88.39	-123.74	0.00585
84.85	-127.28	0.00577	77.78	-134.35	0.00551
70.71	-141.42	0.00515	63.64	-148.49	0.00475
56.57	-155.56	0.00436	49.50	-162.63	0.00398
42.43	-169.71	0.00364	35.36	-176.78	0.00333
183.85	-42.43	0.00163	176.78	-49.50	0.00190
169.71	-56.57	0.00223	162.63	-63.64	0.00267
155.56	-70.71	0.00326	148.49	-77.78	0.00404
141.42	-84.85	0.00504	134.35	-91.92	0.00620
130.81	-95.46	0.00680	127.28	-98.99	0.00737
125.16	-101.12	0.00768	123.74	-102.53	0.00786
122.33	-103.94	0.00799	120.92	-105.36	0.00807
119.50	-106.77	0.00817	106.77	-119.50	0.00586
105.36	-120.92	0.00582	103.94	-122.33	0.00580
102.53	-123.74	0.00580	101.12	-125.16	0.00580
98.99	-127.28	0.00579	95.46	-130.81	0.00577
91.92	-134.35	0.00569	84.85	-141.42	0.00544
77.78	-148.49	0.00507	70.71	-155.56	0.00468
63.64	-162.63	0.00427	56.57	-169.71	0.00390
49.50	-176.78	0.00355	42.43	-183.85	0.00325

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-49.50	0.00148	183.85	-56.57	0.00171
176.78	-63.64	0.00201	169.71	-70.71	0.00239
162.63	-77.78	0.00290	155.56	-84.85	0.00362
148.49	-91.92	0.00459	141.42	-98.99	0.00582
137.89	-102.53	0.00647	134.35	-106.07	0.00709
132.23	-108.19	0.00743	130.81	-109.60	0.00762
129.40	-111.02	0.00777	127.99	-112.43	0.00788
126.57	-113.84	0.00797	113.84	-126.57	0.00575
112.43	-127.99	0.00571	111.02	-129.40	0.00569
109.60	-130.81	0.00569	108.19	-132.23	0.00569

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** Maximum train overlap at SE/NW Bound Direction ***

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00569	102.53	-137.89	0.00567
98.99	-141.42	0.00560	91.92	-148.49	0.00534
84.85	-155.56	0.00498	77.78	-162.63	0.00457
70.71	-169.71	0.00416	63.64	-176.78	0.00378
56.57	-183.85	0.00345	49.50	-190.92	0.00315
197.99	-56.57	0.00133	190.92	-63.64	0.00153
183.85	-70.71	0.00178	176.78	-77.78	0.00211
169.71	-84.85	0.00255	162.63	-91.92	0.00315
155.56	-98.99	0.00403	148.49	-106.07	0.00525
144.96	-109.60	0.00597	141.42	-113.14	0.00668
139.30	-115.26	0.00705	137.89	-116.67	0.00728
136.47	-118.09	0.00746	135.06	-119.50	0.00759
133.64	-120.92	0.00769	120.92	-133.64	0.00561
119.50	-135.06	0.00557	118.09	-136.47	0.00556
116.67	-137.89	0.00556	115.26	-139.30	0.00557
113.14	-141.42	0.00557	109.60	-144.96	0.00554
106.07	-148.49	0.00547	98.99	-155.56	0.00521
91.92	-162.63	0.00484	84.85	-169.71	0.00442
77.78	-176.78	0.00401	70.71	-183.85	0.00365
63.64	-190.92	0.00332	56.57	-197.99	0.00303
205.06	-63.64	0.00119	197.99	-70.71	0.00135
190.92	-77.78	0.00156	183.85	-84.85	0.00183
176.78	-91.92	0.00219	169.71	-98.99	0.00268
162.63	-106.07	0.00339	155.56	-113.14	0.00448

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

152.03	-116.67	0.00521	148.49	-120.21	0.00601
146.37	-122.33	0.00647	144.96	-123.74	0.00675
143.54	-125.16	0.00698	142.13	-126.57	0.00717
140.71	-127.99	0.00730	127.99	-140.71	0.00544
126.57	-142.13	0.00541	125.16	-143.54	0.00541
123.74	-144.96	0.00541	122.33	-146.37	0.00541
120.21	-148.49	0.00541	116.67	-152.03	0.00538
113.14	-155.56	0.00531	106.07	-162.63	0.00502
98.99	-169.71	0.00463	91.92	-176.78	0.00422
84.85	-183.85	0.00383	77.78	-190.92	0.00347
70.71	-197.99	0.00316	63.64	-205.06	0.00288
212.13	-70.71	0.00105	205.06	-77.78	0.00119
197.99	-84.85	0.00136	190.92	-91.92	0.00157
183.85	-98.99	0.00185	176.78	-106.07	0.00223
169.71	-113.14	0.00277	162.63	-120.21	0.00358
159.10	-123.74	0.00417	155.56	-127.28	0.00494

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00547	152.03	-130.81	0.00582
150.61	-132.23	0.00615	149.20	-133.64	0.00644
147.79	-135.06	0.00667	135.06	-147.79	0.00524
133.64	-149.20	0.00520	132.23	-150.61	0.00520
130.81	-152.03	0.00520	129.40	-153.44	0.00520
127.28	-155.56	0.00520	123.74	-159.10	0.00515
120.21	-162.63	0.00505	113.14	-169.71	0.00474
106.07	-176.78	0.00436	98.99	-183.85	0.00396
91.92	-190.92	0.00359	84.85	-197.99	0.00326
77.78	-205.06	0.00297	70.71	-212.13	0.00272
219.20	-77.78	0.00093	212.13	-84.85	0.00104
205.06	-91.92	0.00117	197.99	-98.99	0.00133
190.92	-106.07	0.00154	183.85	-113.14	0.00181
176.78	-120.21	0.00218	169.71	-127.28	0.00271
166.17	-130.81	0.00309	162.63	-134.35	0.00359
160.51	-136.47	0.00397	159.10	-137.89	0.00428
157.68	-139.30	0.00463	156.27	-140.71	0.00502
154.86	-142.13	0.00542	142.13	-154.86	0.00495

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

140.71	-156.27	0.00492	139.30	-157.68	0.00490
137.89	-159.10	0.00489	136.47	-160.51	0.00487
134.35	-162.63	0.00484	130.81	-166.17	0.00475
127.28	-169.71	0.00464	120.21	-176.78	0.00433
113.14	-183.85	0.00398	106.07	-190.92	0.00364
98.99	-197.99	0.00331	91.92	-205.06	0.00302
84.85	-212.13	0.00277	77.78	-219.20	0.00255
226.27	-84.85	0.00081	219.20	-91.92	0.00090
212.13	-98.99	0.00100	205.06	-106.07	0.00112
197.99	-113.14	0.00127	190.92	-120.21	0.00145
183.85	-127.28	0.00167	176.78	-134.35	0.00197
173.24	-137.89	0.00215	169.71	-141.42	0.00236
167.58	-143.54	0.00251	166.17	-144.96	0.00261
164.76	-146.37	0.00274	163.34	-147.79	0.00289
161.93	-149.20	0.00312	149.20	-161.93	0.00438
147.79	-163.34	0.00430	146.37	-164.76	0.00425
144.96	-166.17	0.00422	143.54	-167.58	0.00420
141.42	-169.71	0.00417	137.89	-173.24	0.00410
134.35	-176.78	0.00402	127.28	-183.85	0.00381
120.21	-190.92	0.00355	113.14	-197.99	0.00327
106.07	-205.06	0.00301	98.99	-212.13	0.00277
91.92	-219.20	0.00256	84.85	-226.27	0.00236

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00071	226.27	-98.99	0.00078
219.20	-106.07	0.00085	212.13	-113.14	0.00094
205.06	-120.21	0.00104	197.99	-127.28	0.00115
190.92	-134.35	0.00128	183.85	-141.42	0.00142
180.31	-144.96	0.00148	176.78	-148.49	0.00154
174.66	-150.61	0.00156	173.24	-152.03	0.00157
171.83	-153.44	0.00158	170.41	-154.86	0.00158
169.00	-156.27	0.00159	156.27	-169.00	0.00276
154.86	-170.41	0.00290	153.44	-171.83	0.00301
152.03	-173.24	0.00309	150.61	-174.66	0.00316
148.49	-176.78	0.00324	144.96	-180.31	0.00330
141.42	-183.85	0.00331	134.35	-190.92	0.00324

19NCRA_NAPA00-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-197.99	0.00308	120.21	-205.06	0.00289
113.14	-212.13	0.00270	106.07	-219.20	0.00251
98.99	-226.27	0.00233	91.92	-233.35	0.00218
240.42	-98.99	0.00062	233.35	-106.07	0.00067
226.27	-113.14	0.00073	219.20	-120.21	0.00079
212.13	-127.28	0.00086	205.06	-134.35	0.00093
197.99	-141.42	0.00100	190.92	-148.49	0.00107
187.38	-152.03	0.00110	183.85	-155.56	0.00112
181.73	-157.68	0.00114	180.31	-159.10	0.00116
178.90	-160.51	0.00117	177.48	-161.93	0.00119
176.07	-163.34	0.00122	163.34	-176.07	0.00177
161.93	-177.48	0.00187	160.51	-178.90	0.00198
159.10	-180.31	0.00207	157.68	-181.73	0.00216
155.56	-183.85	0.00228	152.03	-187.38	0.00244
148.49	-190.92	0.00254	141.42	-197.99	0.00263
134.35	-205.06	0.00259	127.28	-212.13	0.00250
120.21	-219.20	0.00237	113.14	-226.27	0.00224
106.07	-233.35	0.00211	98.99	-240.42	0.00198
247.49	-106.07	0.00055	240.42	-113.14	0.00059
233.35	-120.21	0.00063	226.27	-127.28	0.00067
219.20	-134.35	0.00072	212.13	-141.42	0.00076
205.06	-148.49	0.00081	197.99	-155.56	0.00086
194.45	-159.10	0.00088	190.92	-162.63	0.00092
188.80	-164.76	0.00095	187.38	-166.17	0.00096
185.97	-167.58	0.00098	184.55	-169.00	0.00100
183.14	-170.41	0.00101	170.41	-183.14	0.00133
169.00	-184.55	0.00140	167.58	-185.97	0.00146
166.17	-187.38	0.00152	164.76	-188.80	0.00158

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00166	159.10	-194.45	0.00179
155.56	-197.99	0.00190	148.49	-205.06	0.00205
141.42	-212.13	0.00210	134.35	-219.20	0.00209
127.28	-226.27	0.00204	120.21	-233.35	0.00197
113.14	-240.42	0.00188	106.07	-247.49	0.00179

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS 0.00718 AT (	119.50, -106.77, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00715 AT (	112.43, -99.70, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00713 AT (	126.57, -113.84, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00710 AT (	120.92, -105.36, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00707 AT (	113.84, -98.29, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00705 AT (	127.99, -112.43, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00703 AT (	122.33, -103.94, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00699 AT (	115.26, -96.87, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00697 AT (	133.64, -120.92, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00696 AT (	129.40, -111.02, 0.00,	1.20) DC	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00718 AT (	55.86, -43.13, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00715 AT (	48.79, -36.06, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00713 AT (	62.93, -50.20, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00710 AT (	57.28, -41.72, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00707 AT (	50.20, -34.65, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00705 AT (	64.35, -48.79, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00703 AT (	58.69, -40.31, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00699 AT (	51.62, -33.23, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00697 AT (	70.00, -57.28, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00696 AT (	65.76, -47.38, 0.00,	1.20) DC	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00718 AT (	-7.78, 20.51, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00715 AT (	-14.85, 27.58, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00713 AT (	-0.71, 13.44, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00710 AT (	-6.36, 21.92, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00707 AT (	-13.44, 28.99, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00705 AT (	0.71, 14.85, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00703 AT (	-4.95, 23.33, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00699 AT (	-12.02, 30.41, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00697 AT (	6.36, 6.36, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00696 AT (	2.12, 16.26, 0.00,	1.20) DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at SE/NW Bound Direction

18:55:26

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00718 AT (	-71.42, 84.15, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00715 AT (	-78.49, 91.22, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00713 AT (	-64.35, 77.07, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00710 AT (	-70.00, 85.56, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00707 AT (	-77.07, 92.63, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00705 AT (	-62.93, 78.49, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00703 AT (	-68.59, 86.97, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00699 AT (	-75.66, 94.05, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00697 AT (	-57.28, 70.00, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00696 AT (	-61.52, 79.90, 0.00,	1.20) DC	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00718 AT (	-135.06, 147.79, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00715 AT (	-142.13, 154.86, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00713 AT (	-127.99, 140.71, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00710 AT (	-133.64, 149.20, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00707 AT (	-140.71, 156.27, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00705 AT (	-126.57, 142.13, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00703 AT (	-132.23, 150.61, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00699 AT (	-139.30, 157.68, 0.00,	1.20) DC	NA

		19NCRA NAPA00-300_DPM_TRAV_ANN_SE-NW Bound							
	9TH HIGHEST VALUE IS	0.00697	AT (	-120.92,	133.64,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00696	AT (	-125.16,	143.54,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00900	AT (	-21.92,	34.65,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00897	AT (	-14.85,	27.58,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00894	AT (	-7.78,	20.51,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00894	AT (	-20.51,	36.06,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00892	AT (	-0.71,	13.44,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00892	AT (	41.72,	-28.99,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00891	AT (	-27.58,	43.13,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00889	AT (	-13.44,	28.99,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00889	AT (	-28.99,	41.72,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00889	AT (	6.36,	6.36,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

18:55:26

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 7 Informational Message(s)
 A Total of 7 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 19:03:35

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at SE/NW Bound Direction
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTS FLAT
CO FLAGPOLE 1.2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA 98.64 -92.28 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA 35.0 -28.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -28.64 35.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -92.28 98.64 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -155.92 162.28 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 135 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 135 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

RE DISCCART	-106.07	247.49	1.2
RE DISCCART	-113.14	240.42	1.2
RE DISCCART	-120.21	233.35	1.2
RE DISCCART	-127.28	226.27	1.2
RE DISCCART	-134.35	219.2	1.2
RE DISCCART	-141.42	212.13	1.2
RE DISCCART	-148.49	205.06	1.2
RE DISCCART	-155.56	197.99	1.2
RE DISCCART	-159.1	194.45	1.2
RE DISCCART	-162.63	190.92	1.2
RE DISCCART	-164.76	188.8	1.2
RE DISCCART	-166.17	187.38	1.2
RE DISCCART	-167.58	185.97	1.2
RE DISCCART	-169.0	184.55	1.2
RE DISCCART	-170.41	183.14	1.2
RE DISCCART	-183.14	170.41	1.2
RE DISCCART	-184.55	169.0	1.2
RE DISCCART	-185.97	167.58	1.2
RE DISCCART	-187.38	166.17	1.2
RE DISCCART	-188.8	164.76	1.2
RE DISCCART	-190.92	162.63	1.2
RE DISCCART	-194.45	159.1	1.2
RE DISCCART	-197.99	155.56	1.2
RE DISCCART	-205.06	148.49	1.2
RE DISCCART	-212.13	141.42	1.2
RE DISCCART	-219.2	134.35	1.2
RE DISCCART	-226.27	127.28	1.2
RE DISCCART	-233.35	120.21	1.2
RE DISCCART	-240.42	113.14	1.2
RE DISCCART	-247.49	106.07	1.2
RE DISCCART	-98.99	240.42	1.2
RE DISCCART	-106.07	233.35	1.2
RE DISCCART	-113.14	226.27	1.2
RE DISCCART	-120.21	219.2	1.2
RE DISCCART	-127.28	212.13	1.2
RE DISCCART	-134.35	205.06	1.2
RE DISCCART	-141.42	197.99	1.2
RE DISCCART	-148.49	190.92	1.2
RE DISCCART	-152.03	187.38	1.2
RE DISCCART	-155.56	183.85	1.2
RE DISCCART	-157.68	181.73	1.2
RE DISCCART	-159.1	180.31	1.2
RE DISCCART	-160.51	178.9	1.2

RE DISCCART	-161.93	177.48	1.2
RE DISCCART	-163.34	176.07	1.2
RE DISCCART	-176.07	163.34	1.2
RE DISCCART	-177.48	161.93	1.2
RE DISCCART	-178.9	160.51	1.2
RE DISCCART	-180.31	159.1	1.2
RE DISCCART	-181.73	157.68	1.2
RE DISCCART	-183.85	155.56	1.2
RE DISCCART	-187.38	152.03	1.2
RE DISCCART	-190.92	148.49	1.2
RE DISCCART	-197.99	141.42	1.2
RE DISCCART	-205.06	134.35	1.2
RE DISCCART	-212.13	127.28	1.2
RE DISCCART	-219.2	120.21	1.2
RE DISCCART	-226.27	113.14	1.2
RE DISCCART	-233.35	106.07	1.2
RE DISCCART	-240.42	98.99	1.2
RE DISCCART	-91.92	233.35	1.2
RE DISCCART	-99.0	226.27	1.2
RE DISCCART	-106.07	219.2	1.2
RE DISCCART	-113.14	212.13	1.2
RE DISCCART	-120.21	205.06	1.2
RE DISCCART	-127.28	197.99	1.2
RE DISCCART	-134.35	190.92	1.2
RE DISCCART	-141.42	183.85	1.2
RE DISCCART	-144.96	180.31	1.2
RE DISCCART	-148.49	176.78	1.2
RE DISCCART	-150.61	174.66	1.2
RE DISCCART	-152.03	173.24	1.2
RE DISCCART	-153.44	171.83	1.2
RE DISCCART	-154.86	170.41	1.2
RE DISCCART	-156.27	169.0	1.2
RE DISCCART	-169.0	156.27	1.2
RE DISCCART	-170.41	154.86	1.2
RE DISCCART	-171.83	153.44	1.2
RE DISCCART	-173.24	152.03	1.2
RE DISCCART	-174.66	150.61	1.2
RE DISCCART	-176.78	148.49	1.2
RE DISCCART	-180.31	144.96	1.2
RE DISCCART	-183.85	141.42	1.2
RE DISCCART	-190.92	134.35	1.2
RE DISCCART	-197.99	127.28	1.2
RE DISCCART	-205.06	120.21	1.2
RE DISCCART	-212.13	113.14	1.2

RE DISCCART	-219.2	106.07	1.2
RE DISCCART	-226.27	98.99	1.2
RE DISCCART	-233.35	91.92	1.2
RE DISCCART	-84.85	226.27	1.2
RE DISCCART	-91.92	219.2	1.2
RE DISCCART	-99.0	212.13	1.2
RE DISCCART	-106.07	205.06	1.2
RE DISCCART	-113.14	197.99	1.2
RE DISCCART	-120.21	190.92	1.2
RE DISCCART	-127.28	183.85	1.2
RE DISCCART	-134.35	176.78	1.2
RE DISCCART	-137.89	173.24	1.2
RE DISCCART	-141.42	169.71	1.2
RE DISCCART	-143.54	167.58	1.2
RE DISCCART	-144.96	166.17	1.2
RE DISCCART	-146.37	164.76	1.2
RE DISCCART	-147.79	163.34	1.2
RE DISCCART	-149.2	161.93	1.2
RE DISCCART	-161.93	149.2	1.2
RE DISCCART	-163.34	147.79	1.2
RE DISCCART	-164.76	146.37	1.2
RE DISCCART	-166.17	144.96	1.2
RE DISCCART	-167.58	143.54	1.2
RE DISCCART	-169.71	141.42	1.2
RE DISCCART	-173.24	137.89	1.2
RE DISCCART	-176.78	134.35	1.2
RE DISCCART	-183.85	127.28	1.2
RE DISCCART	-190.92	120.21	1.2
RE DISCCART	-197.99	113.14	1.2
RE DISCCART	-205.06	106.07	1.2
RE DISCCART	-212.13	98.99	1.2
RE DISCCART	-219.2	91.92	1.2
RE DISCCART	-226.27	84.85	1.2
RE DISCCART	-77.78	219.2	1.2
RE DISCCART	-84.85	212.13	1.2
RE DISCCART	-91.92	205.06	1.2
RE DISCCART	-99.0	197.99	1.2
RE DISCCART	-106.07	190.92	1.2
RE DISCCART	-113.14	183.85	1.2
RE DISCCART	-120.21	176.78	1.2
RE DISCCART	-127.28	169.71	1.2
RE DISCCART	-130.81	166.17	1.2
RE DISCCART	-134.35	162.63	1.2
RE DISCCART	-136.47	160.51	1.2

RE DISCCART	-137.89	159.1	1.2
RE DISCCART	-139.3	157.68	1.2
RE DISCCART	-140.71	156.27	1.2
RE DISCCART	-142.13	154.86	1.2
RE DISCCART	-154.86	142.13	1.2
RE DISCCART	-156.27	140.71	1.2
RE DISCCART	-157.68	139.3	1.2
RE DISCCART	-159.1	137.89	1.2
RE DISCCART	-160.51	136.47	1.2
RE DISCCART	-162.63	134.35	1.2
RE DISCCART	-166.17	130.81	1.2
RE DISCCART	-169.71	127.28	1.2
RE DISCCART	-176.78	120.21	1.2
RE DISCCART	-183.85	113.14	1.2
RE DISCCART	-190.92	106.07	1.2
RE DISCCART	-197.99	98.99	1.2
RE DISCCART	-205.06	91.92	1.2
RE DISCCART	-212.13	84.85	1.2
RE DISCCART	-219.2	77.78	1.2
RE DISCCART	-70.71	212.13	1.2
RE DISCCART	-77.78	205.06	1.2
RE DISCCART	-84.85	197.99	1.2
RE DISCCART	-91.92	190.92	1.2
RE DISCCART	-98.99	183.85	1.2
RE DISCCART	-106.07	176.78	1.2
RE DISCCART	-113.14	169.71	1.2
RE DISCCART	-120.21	162.63	1.2
RE DISCCART	-123.74	159.1	1.2
RE DISCCART	-127.28	155.56	1.2
RE DISCCART	-129.4	153.44	1.2
RE DISCCART	-130.81	152.03	1.2
RE DISCCART	-132.23	150.61	1.2
RE DISCCART	-133.64	149.2	1.2
RE DISCCART	-135.06	147.79	1.2
RE DISCCART	-147.79	135.06	1.2
RE DISCCART	-149.2	133.64	1.2
RE DISCCART	-150.61	132.23	1.2
RE DISCCART	-152.03	130.81	1.2
RE DISCCART	-153.44	129.4	1.2
RE DISCCART	-155.56	127.28	1.2
RE DISCCART	-159.1	123.74	1.2
RE DISCCART	-162.63	120.21	1.2
RE DISCCART	-169.71	113.14	1.2
RE DISCCART	-176.78	106.07	1.2

RE DISCCART	-183.85	98.99	1.2
RE DISCCART	-190.92	91.92	1.2
RE DISCCART	-197.99	84.85	1.2
RE DISCCART	-205.06	77.78	1.2
RE DISCCART	-212.13	70.71	1.2
RE DISCCART	-63.64	205.06	1.2
RE DISCCART	-70.71	197.99	1.2
RE DISCCART	-77.78	190.92	1.2
RE DISCCART	-84.85	183.85	1.2
RE DISCCART	-91.92	176.78	1.2
RE DISCCART	-98.99	169.71	1.2
RE DISCCART	-106.07	162.63	1.2
RE DISCCART	-113.14	155.56	1.2
RE DISCCART	-116.67	152.03	1.2
RE DISCCART	-120.21	148.49	1.2
RE DISCCART	-122.33	146.37	1.2
RE DISCCART	-123.74	144.96	1.2
RE DISCCART	-125.16	143.54	1.2
RE DISCCART	-126.57	142.13	1.2
RE DISCCART	-127.99	140.71	1.2
RE DISCCART	-140.71	127.99	1.2
RE DISCCART	-142.13	126.57	1.2
RE DISCCART	-143.54	125.16	1.2
RE DISCCART	-144.96	123.74	1.2
RE DISCCART	-146.37	122.33	1.2
RE DISCCART	-148.49	120.21	1.2
RE DISCCART	-152.03	116.67	1.2
RE DISCCART	-155.56	113.14	1.2
RE DISCCART	-162.63	106.07	1.2
RE DISCCART	-169.71	98.99	1.2
RE DISCCART	-176.78	91.92	1.2
RE DISCCART	-183.85	84.85	1.2
RE DISCCART	-190.92	77.78	1.2
RE DISCCART	-197.99	70.71	1.2
RE DISCCART	-205.06	63.64	1.2
RE DISCCART	-56.57	197.99	1.2
RE DISCCART	-63.64	190.92	1.2
RE DISCCART	-70.71	183.85	1.2
RE DISCCART	-77.78	176.78	1.2
RE DISCCART	-84.85	169.71	1.2
RE DISCCART	-91.92	162.63	1.2
RE DISCCART	-98.99	155.56	1.2
RE DISCCART	-106.07	148.49	1.2
RE DISCCART	-109.6	144.96	1.2

RE DISCCART	-113.14	141.42	1.2
RE DISCCART	-115.26	139.3	1.2
RE DISCCART	-116.67	137.89	1.2
RE DISCCART	-118.09	136.47	1.2
RE DISCCART	-119.5	135.06	1.2
RE DISCCART	-120.92	133.64	1.2
RE DISCCART	-133.64	120.92	1.2
RE DISCCART	-135.06	119.5	1.2
RE DISCCART	-136.47	118.09	1.2
RE DISCCART	-137.89	116.67	1.2
RE DISCCART	-139.3	115.26	1.2
RE DISCCART	-141.42	113.14	1.2
RE DISCCART	-144.96	109.6	1.2
RE DISCCART	-148.49	106.07	1.2
RE DISCCART	-155.56	98.99	1.2
RE DISCCART	-162.63	91.92	1.2
RE DISCCART	-169.71	84.85	1.2
RE DISCCART	-176.78	77.78	1.2
RE DISCCART	-183.85	70.71	1.2
RE DISCCART	-190.92	63.64	1.2
RE DISCCART	-197.99	56.57	1.2
RE DISCCART	-49.5	190.92	1.2
RE DISCCART	-56.57	183.85	1.2
RE DISCCART	-63.64	176.78	1.2
RE DISCCART	-70.71	169.71	1.2
RE DISCCART	-77.78	162.63	1.2
RE DISCCART	-84.85	155.56	1.2
RE DISCCART	-91.92	148.49	1.2
RE DISCCART	-98.99	141.42	1.2
RE DISCCART	-102.53	137.89	1.2
RE DISCCART	-106.07	134.35	1.2
RE DISCCART	-108.19	132.23	1.2
RE DISCCART	-109.6	130.81	1.2
RE DISCCART	-111.02	129.4	1.2
RE DISCCART	-112.43	127.99	1.2
RE DISCCART	-113.84	126.57	1.2
RE DISCCART	-126.57	113.84	1.2
RE DISCCART	-127.99	112.43	1.2
RE DISCCART	-129.4	111.02	1.2
RE DISCCART	-130.81	109.6	1.2
RE DISCCART	-132.23	108.19	1.2
RE DISCCART	-134.35	106.07	1.2
RE DISCCART	-137.89	102.53	1.2
RE DISCCART	-141.42	98.99	1.2

RE DISCCART	-148.49	91.92	1.2
RE DISCCART	-155.56	84.85	1.2
RE DISCCART	-162.63	77.78	1.2
RE DISCCART	-169.71	70.71	1.2
RE DISCCART	-176.78	63.64	1.2
RE DISCCART	-183.85	56.57	1.2
RE DISCCART	-190.92	49.5	1.2
RE DISCCART	-42.43	183.85	1.2
RE DISCCART	-49.5	176.78	1.2
RE DISCCART	-56.57	169.71	1.2
RE DISCCART	-63.64	162.63	1.2
RE DISCCART	-70.71	155.56	1.2
RE DISCCART	-77.78	148.49	1.2
RE DISCCART	-84.85	141.42	1.2
RE DISCCART	-91.92	134.35	1.2
RE DISCCART	-95.46	130.81	1.2
RE DISCCART	-98.99	127.28	1.2
RE DISCCART	-101.12	125.16	1.2
RE DISCCART	-102.53	123.74	1.2
RE DISCCART	-103.94	122.33	1.2
RE DISCCART	-105.36	120.92	1.2
RE DISCCART	-106.77	119.5	1.2
RE DISCCART	-119.5	106.77	1.2
RE DISCCART	-120.92	105.36	1.2
RE DISCCART	-122.33	103.94	1.2
RE DISCCART	-123.74	102.53	1.2
RE DISCCART	-125.16	101.12	1.2
RE DISCCART	-127.28	98.99	1.2
RE DISCCART	-130.81	95.46	1.2
RE DISCCART	-134.35	91.92	1.2
RE DISCCART	-141.42	84.85	1.2
RE DISCCART	-148.49	77.78	1.2
RE DISCCART	-155.56	70.71	1.2
RE DISCCART	-162.63	63.64	1.2
RE DISCCART	-169.71	56.57	1.2
RE DISCCART	-176.78	49.5	1.2
RE DISCCART	-183.85	42.43	1.2
RE DISCCART	-35.36	176.78	1.2
RE DISCCART	-42.43	169.71	1.2
RE DISCCART	-49.5	162.63	1.2
RE DISCCART	-56.57	155.56	1.2
RE DISCCART	-63.64	148.49	1.2
RE DISCCART	-70.71	141.42	1.2
RE DISCCART	-77.78	134.35	1.2

RE DISCCART	-84.85	127.28	1.2
RE DISCCART	-88.39	123.74	1.2
RE DISCCART	-91.92	120.21	1.2
RE DISCCART	-94.05	118.09	1.2
RE DISCCART	-95.46	116.67	1.2
RE DISCCART	-96.87	115.26	1.2
RE DISCCART	-98.29	113.84	1.2
RE DISCCART	-99.7	112.43	1.2
RE DISCCART	-112.43	99.7	1.2
RE DISCCART	-113.84	98.29	1.2
RE DISCCART	-115.26	96.87	1.2
RE DISCCART	-116.67	95.46	1.2
RE DISCCART	-118.09	94.05	1.2
RE DISCCART	-120.21	91.92	1.2
RE DISCCART	-123.74	88.39	1.2
RE DISCCART	-127.28	84.85	1.2
RE DISCCART	-134.35	77.78	1.2
RE DISCCART	-141.42	70.71	1.2
RE DISCCART	-148.49	63.64	1.2
RE DISCCART	-155.56	56.57	1.2
RE DISCCART	-162.63	49.5	1.2
RE DISCCART	-169.71	42.43	1.2
RE DISCCART	-176.78	35.36	1.2
RE DISCCART	-28.28	169.71	1.2
RE DISCCART	-35.36	162.63	1.2
RE DISCCART	-42.43	155.56	1.2
RE DISCCART	-49.5	148.49	1.2
RE DISCCART	-56.57	141.42	1.2
RE DISCCART	-63.64	134.35	1.2
RE DISCCART	-70.71	127.28	1.2
RE DISCCART	-77.78	120.21	1.2
RE DISCCART	-81.32	116.67	1.2
RE DISCCART	-84.85	113.14	1.2
RE DISCCART	-86.97	111.02	1.2
RE DISCCART	-88.39	109.6	1.2
RE DISCCART	-89.8	108.19	1.2
RE DISCCART	-91.22	106.77	1.2
RE DISCCART	-92.63	105.36	1.2
RE DISCCART	-105.36	92.63	1.2
RE DISCCART	-106.77	91.22	1.2
RE DISCCART	-108.19	89.8	1.2
RE DISCCART	-109.6	88.39	1.2
RE DISCCART	-111.02	86.97	1.2
RE DISCCART	-113.14	84.85	1.2

RE DISCCART	-116.67	81.32	1.2
RE DISCCART	-120.21	77.78	1.2
RE DISCCART	-127.28	70.71	1.2
RE DISCCART	-134.35	63.64	1.2
RE DISCCART	-141.42	56.57	1.2
RE DISCCART	-148.49	49.5	1.2
RE DISCCART	-155.56	42.43	1.2
RE DISCCART	-162.63	35.36	1.2
RE DISCCART	-169.71	28.28	1.2
RE DISCCART	-21.21	162.63	1.2
RE DISCCART	-28.28	155.56	1.2
RE DISCCART	-35.36	148.49	1.2
RE DISCCART	-42.43	141.42	1.2
RE DISCCART	-49.5	134.35	1.2
RE DISCCART	-56.57	127.28	1.2
RE DISCCART	-63.64	120.21	1.2
RE DISCCART	-70.71	113.14	1.2
RE DISCCART	-74.25	109.6	1.2
RE DISCCART	-77.78	106.07	1.2
RE DISCCART	-79.9	103.94	1.2
RE DISCCART	-81.32	102.53	1.2
RE DISCCART	-82.73	101.12	1.2
RE DISCCART	-84.15	99.7	1.2
RE DISCCART	-85.56	98.29	1.2
RE DISCCART	-98.29	85.56	1.2
RE DISCCART	-99.7	84.15	1.2
RE DISCCART	-101.12	82.73	1.2
RE DISCCART	-102.53	81.32	1.2
RE DISCCART	-103.94	79.9	1.2
RE DISCCART	-106.07	77.78	1.2
RE DISCCART	-109.6	74.25	1.2
RE DISCCART	-113.14	70.71	1.2
RE DISCCART	-120.21	63.64	1.2
RE DISCCART	-127.28	56.57	1.2
RE DISCCART	-134.35	49.5	1.2
RE DISCCART	-141.42	42.43	1.2
RE DISCCART	-148.49	35.36	1.2
RE DISCCART	-155.56	28.28	1.2
RE DISCCART	-162.63	21.21	1.2
RE DISCCART	-14.14	155.56	1.2
RE DISCCART	-21.21	148.49	1.2
RE DISCCART	-28.28	141.42	1.2
RE DISCCART	-35.36	134.35	1.2
RE DISCCART	-42.43	127.28	1.2

RE DISCCART	-49.5	120.21	1.2
RE DISCCART	-56.57	113.14	1.2
RE DISCCART	-63.64	106.07	1.2
RE DISCCART	-67.18	102.53	1.2
RE DISCCART	-70.71	98.99	1.2
RE DISCCART	-72.83	96.87	1.2
RE DISCCART	-74.25	95.46	1.2
RE DISCCART	-75.66	94.05	1.2
RE DISCCART	-77.07	92.63	1.2
RE DISCCART	-78.49	91.22	1.2
RE DISCCART	-91.22	78.49	1.2
RE DISCCART	-92.63	77.07	1.2
RE DISCCART	-94.05	75.66	1.2
RE DISCCART	-95.46	74.25	1.2
RE DISCCART	-96.87	72.83	1.2
RE DISCCART	-98.99	70.71	1.2
RE DISCCART	-102.53	67.18	1.2
RE DISCCART	-106.07	63.64	1.2
RE DISCCART	-113.14	56.57	1.2
RE DISCCART	-120.21	49.5	1.2
RE DISCCART	-127.28	42.43	1.2
RE DISCCART	-134.35	35.36	1.2
RE DISCCART	-141.42	28.28	1.2
RE DISCCART	-148.49	21.21	1.2
RE DISCCART	-155.56	14.14	1.2
RE DISCCART	-7.07	148.49	1.2
RE DISCCART	-14.14	141.42	1.2
RE DISCCART	-21.21	134.35	1.2
RE DISCCART	-28.28	127.28	1.2
RE DISCCART	-35.36	120.21	1.2
RE DISCCART	-42.43	113.14	1.2
RE DISCCART	-49.5	106.07	1.2
RE DISCCART	-56.57	98.99	1.2
RE DISCCART	-60.1	95.46	1.2
RE DISCCART	-63.64	91.92	1.2
RE DISCCART	-65.76	89.8	1.2
RE DISCCART	-67.18	88.39	1.2
RE DISCCART	-68.59	86.97	1.2
RE DISCCART	-70.0	85.56	1.2
RE DISCCART	-71.42	84.15	1.2
RE DISCCART	-84.15	71.42	1.2
RE DISCCART	-85.56	70.0	1.2
RE DISCCART	-86.97	68.59	1.2
RE DISCCART	-88.39	67.18	1.2

RE DISCCART	-89.8	65.76	1.2
RE DISCCART	-91.92	63.64	1.2
RE DISCCART	-95.46	60.1	1.2
RE DISCCART	-98.99	56.57	1.2
RE DISCCART	-106.07	49.5	1.2
RE DISCCART	-113.14	42.43	1.2
RE DISCCART	-120.21	35.36	1.2
RE DISCCART	-127.28	28.28	1.2
RE DISCCART	-134.35	21.21	1.2
RE DISCCART	-141.42	14.14	1.2
RE DISCCART	-148.49	7.07	1.2
RE DISCCART	0.0	141.42	1.2
RE DISCCART	-7.07	134.35	1.2
RE DISCCART	-14.14	127.28	1.2
RE DISCCART	-21.21	120.21	1.2
RE DISCCART	-28.28	113.14	1.2
RE DISCCART	-35.36	106.07	1.2
RE DISCCART	-42.43	98.99	1.2
RE DISCCART	-49.5	91.92	1.2
RE DISCCART	-53.03	88.39	1.2
RE DISCCART	-56.57	84.85	1.2
RE DISCCART	-58.69	82.73	1.2
RE DISCCART	-60.1	81.32	1.2
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RE DISCCART	-64.35	77.07	1.2
RE DISCCART	-77.07	64.35	1.2
RE DISCCART	-78.49	62.93	1.2
RE DISCCART	-79.9	61.52	1.2
RE DISCCART	-81.32	60.1	1.2
RE DISCCART	-82.73	58.69	1.2
RE DISCCART	-84.85	56.57	1.2
RE DISCCART	-88.39	53.03	1.2
RE DISCCART	-91.92	49.5	1.2
RE DISCCART	-98.99	42.43	1.2
RE DISCCART	-106.07	35.36	1.2
RE DISCCART	-113.14	28.28	1.2
RE DISCCART	-120.21	21.21	1.2
RE DISCCART	-127.28	14.14	1.2
RE DISCCART	-134.35	7.07	1.2
RE DISCCART	-141.42	0.0	1.2
RE DISCCART	7.07	134.35	1.2
RE DISCCART	0.0	127.28	1.2
RE DISCCART	-7.07	120.21	1.2

RE DISCCART	-14.14	113.14	1.2
RE DISCCART	-21.21	106.07	1.2
RE DISCCART	-28.28	98.99	1.2
RE DISCCART	-35.36	91.92	1.2
RE DISCCART	-42.43	84.85	1.2
RE DISCCART	-45.96	81.32	1.2
RE DISCCART	-49.5	77.78	1.2
RE DISCCART	-51.62	75.66	1.2
RE DISCCART	-53.03	74.25	1.2
RE DISCCART	-54.45	72.83	1.2
RE DISCCART	-55.86	71.42	1.2
RE DISCCART	-57.28	70.0	1.2
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RE DISCCART	-71.42	55.86	1.2
RE DISCCART	-72.83	54.45	1.2
RE DISCCART	-74.25	53.03	1.2
RE DISCCART	-75.66	51.62	1.2
RE DISCCART	-77.78	49.5	1.2
RE DISCCART	-81.32	45.96	1.2
RE DISCCART	-84.85	42.43	1.2
RE DISCCART	-91.92	35.36	1.2
RE DISCCART	-98.99	28.28	1.2
RE DISCCART	-106.07	21.21	1.2
RE DISCCART	-113.14	14.14	1.2
RE DISCCART	-120.21	7.07	1.2
RE DISCCART	-127.28	0.0	1.2
RE DISCCART	-134.35	-7.07	1.2
RE DISCCART	14.14	127.28	1.2
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RE DISCCART	0.0	113.14	1.2
RE DISCCART	-7.07	106.07	1.2
RE DISCCART	-14.14	98.99	1.2
RE DISCCART	-21.21	91.92	1.2
RE DISCCART	-28.28	84.85	1.2
RE DISCCART	-35.36	77.78	1.2
RE DISCCART	-38.89	74.25	1.2
RE DISCCART	-42.43	70.71	1.2
RE DISCCART	-44.55	68.59	1.2
RE DISCCART	-45.96	67.18	1.2
RE DISCCART	-47.38	65.76	1.2
RE DISCCART	-48.79	64.35	1.2
RE DISCCART	-50.2	62.93	1.2
RE DISCCART	-62.93	50.2	1.2
RE DISCCART	-64.35	48.79	1.2

RE DISCCART	-65.76	47.38	1.2
RE DISCCART	-67.18	45.96	1.2
RE DISCCART	-68.59	44.55	1.2
RE DISCCART	-70.71	42.43	1.2
RE DISCCART	-74.25	38.89	1.2
RE DISCCART	-77.78	35.36	1.2
RE DISCCART	-84.85	28.28	1.2
RE DISCCART	-91.92	21.21	1.2
RE DISCCART	-98.99	14.14	1.2
RE DISCCART	-106.07	7.07	1.2
RE DISCCART	-113.14	0.0	1.2
RE DISCCART	-120.21	-7.07	1.2
RE DISCCART	-127.28	-14.14	1.2
RE DISCCART	21.21	120.21	1.2
RE DISCCART	14.14	113.14	1.2
RE DISCCART	7.07	106.07	1.2
RE DISCCART	0.0	98.99	1.2
RE DISCCART	-7.07	91.92	1.2
RE DISCCART	-14.14	84.85	1.2
RE DISCCART	-21.21	77.78	1.2
RE DISCCART	-28.28	70.71	1.2
RE DISCCART	-31.82	67.18	1.2
RE DISCCART	-35.36	63.64	1.2
RE DISCCART	-37.48	61.52	1.2
RE DISCCART	-38.89	60.1	1.2
RE DISCCART	-40.31	58.69	1.2
RE DISCCART	-41.72	57.28	1.2
RE DISCCART	-43.13	55.86	1.2
RE DISCCART	-55.86	43.13	1.2
RE DISCCART	-57.28	41.72	1.2
RE DISCCART	-58.69	40.31	1.2
RE DISCCART	-60.1	38.89	1.2
RE DISCCART	-61.52	37.48	1.2
RE DISCCART	-63.64	35.36	1.2
RE DISCCART	-67.18	31.82	1.2
RE DISCCART	-70.71	28.28	1.2
RE DISCCART	-77.78	21.21	1.2
RE DISCCART	-84.85	14.14	1.2
RE DISCCART	-91.92	7.07	1.2
RE DISCCART	-98.99	0.0	1.2
RE DISCCART	-106.07	-7.07	1.2
RE DISCCART	-113.14	-14.14	1.2
RE DISCCART	-120.21	-21.21	1.2
RE DISCCART	28.28	113.14	1.2

RE DISCCART	21.21	106.07	1.2
RE DISCCART	14.14	98.99	1.2
RE DISCCART	7.07	91.92	1.2
RE DISCCART	0.0	84.85	1.2
RE DISCCART	-7.07	77.78	1.2
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RE DISCCART	-28.28	56.57	1.2
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RE DISCCART	-31.82	53.03	1.2
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RE DISCCART	-48.79	36.06	1.2
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RE DISCCART	-56.57	28.28	1.2
RE DISCCART	-60.1	24.75	1.2
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RE DISCCART	-70.71	14.14	1.2
RE DISCCART	-77.78	7.07	1.2
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RE DISCCART	-91.92	-7.07	1.2
RE DISCCART	-98.99	-14.14	1.2
RE DISCCART	-106.07	-21.21	1.2
RE DISCCART	-113.14	-28.28	1.2
RE DISCCART	35.36	106.07	1.2
RE DISCCART	28.28	98.99	1.2
RE DISCCART	21.21	91.92	1.2
RE DISCCART	14.14	84.85	1.2
RE DISCCART	7.07	77.78	1.2
RE DISCCART	0.0	70.71	1.2
RE DISCCART	-7.07	63.64	1.2
RE DISCCART	-14.14	56.57	1.2
RE DISCCART	-17.68	53.03	1.2
RE DISCCART	-21.21	49.5	1.2
RE DISCCART	-23.33	47.38	1.2
RE DISCCART	-24.75	45.96	1.2
RE DISCCART	-26.16	44.55	1.2
RE DISCCART	-27.58	43.13	1.2
RE DISCCART	-28.99	41.72	1.2

RE DISCCART	-41.72	28.99	1.2
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RE DISCCART	-44.55	26.16	1.2
RE DISCCART	-45.96	24.75	1.2
RE DISCCART	-47.38	23.33	1.2
RE DISCCART	-49.5	21.21	1.2
RE DISCCART	-53.03	17.68	1.2
RE DISCCART	-56.57	14.14	1.2
RE DISCCART	-63.64	7.07	1.2
RE DISCCART	-70.71	0.0	1.2
RE DISCCART	-77.78	-7.07	1.2
RE DISCCART	-84.85	-14.14	1.2
RE DISCCART	-91.92	-21.21	1.2
RE DISCCART	-98.99	-28.28	1.2
RE DISCCART	-106.07	-35.36	1.2
RE DISCCART	42.43	98.99	1.2
RE DISCCART	35.36	91.92	1.2
RE DISCCART	28.28	84.85	1.2
RE DISCCART	21.21	77.78	1.2
RE DISCCART	14.14	70.71	1.2
RE DISCCART	7.07	63.64	1.2
RE DISCCART	0.0	56.57	1.2
RE DISCCART	-7.07	49.5	1.2
RE DISCCART	-10.61	45.96	1.2
RE DISCCART	-14.14	42.43	1.2
RE DISCCART	-16.26	40.31	1.2
RE DISCCART	-17.68	38.89	1.2
RE DISCCART	-19.09	37.48	1.2
RE DISCCART	-20.51	36.06	1.2
RE DISCCART	-21.92	34.65	1.2
RE DISCCART	-34.65	21.92	1.2
RE DISCCART	-36.06	20.51	1.2
RE DISCCART	-37.48	19.09	1.2
RE DISCCART	-38.89	17.68	1.2
RE DISCCART	-40.31	16.26	1.2
RE DISCCART	-42.43	14.14	1.2
RE DISCCART	-45.96	10.61	1.2
RE DISCCART	-49.5	7.07	1.2
RE DISCCART	-56.57	0.0	1.2
RE DISCCART	-63.64	-7.07	1.2
RE DISCCART	-70.71	-14.14	1.2
RE DISCCART	-77.78	-21.21	1.2
RE DISCCART	-84.85	-28.28	1.2
RE DISCCART	-91.92	-35.36	1.2

RE DISCCART -98.99 -42.43 1.2
RE DISCCART 49.5 91.92 1.2
RE DISCCART 42.43 84.85 1.2
RE DISCCART 35.36 77.78 1.2
RE DISCCART 28.28 70.71 1.2
RE DISCCART 21.21 63.64 1.2
RE DISCCART 14.14 56.57 1.2
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RE DISCCART -27.58 14.85 1.2
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RE DISCCART 56.57 84.85 1.2
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RE DISCCART 42.43 70.71 1.2
RE DISCCART 35.36 63.64 1.2
RE DISCCART 28.28 56.57 1.2
RE DISCCART 21.21 49.5 1.2
RE DISCCART 14.14 42.43 1.2
RE DISCCART 7.07 35.36 1.2
RE DISCCART 3.54 31.82 1.2
RE DISCCART 0.0 28.28 1.2
RE DISCCART -2.12 26.16 1.2
RE DISCCART -3.54 24.75 1.2
RE DISCCART -4.95 23.33 1.2

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RE DISCCART	-20.51	7.78	1.2
RE DISCCART	-21.92	6.36	1.2
RE DISCCART	-23.33	4.95	1.2
RE DISCCART	-24.75	3.54	1.2
RE DISCCART	-26.16	2.12	1.2
RE DISCCART	-28.28	0.0	1.2
RE DISCCART	-31.82	-3.54	1.2
RE DISCCART	-35.36	-7.07	1.2
RE DISCCART	-42.43	-14.14	1.2
RE DISCCART	-49.5	-21.21	1.2
RE DISCCART	-56.57	-28.28	1.2
RE DISCCART	-63.64	-35.36	1.2
RE DISCCART	-70.71	-42.43	1.2
RE DISCCART	-77.78	-49.5	1.2
RE DISCCART	-84.85	-56.57	1.2
RE DISCCART	63.64	77.78	1.2
RE DISCCART	56.57	70.71	1.2
RE DISCCART	49.5	63.64	1.2
RE DISCCART	42.43	56.57	1.2
RE DISCCART	35.36	49.5	1.2
RE DISCCART	28.28	42.43	1.2
RE DISCCART	21.21	35.36	1.2
RE DISCCART	14.14	28.28	1.2
RE DISCCART	10.61	24.75	1.2
RE DISCCART	7.07	21.21	1.2
RE DISCCART	4.95	19.09	1.2
RE DISCCART	3.54	17.68	1.2
RE DISCCART	2.12	16.26	1.2
RE DISCCART	0.71	14.85	1.2
RE DISCCART	-0.71	13.44	1.2
RE DISCCART	-13.44	0.71	1.2
RE DISCCART	-14.85	-0.71	1.2
RE DISCCART	-16.26	-2.12	1.2
RE DISCCART	-17.68	-3.54	1.2
RE DISCCART	-19.09	-4.95	1.2
RE DISCCART	-21.21	-7.07	1.2
RE DISCCART	-24.75	-10.61	1.2
RE DISCCART	-28.28	-14.14	1.2
RE DISCCART	-35.36	-21.21	1.2
RE DISCCART	-42.43	-28.28	1.2
RE DISCCART	-49.5	-35.36	1.2
RE DISCCART	-56.57	-42.43	1.2

RE DISCCART	-63.64	-49.5	1.2
RE DISCCART	-70.71	-56.57	1.2
RE DISCCART	-77.78	-63.64	1.2
RE DISCCART	70.71	70.71	1.2
RE DISCCART	63.64	63.64	1.2
RE DISCCART	56.57	56.57	1.2
RE DISCCART	49.5	49.5	1.2
RE DISCCART	42.43	42.43	1.2
RE DISCCART	35.36	35.36	1.2
RE DISCCART	28.28	28.28	1.2
RE DISCCART	21.21	21.21	1.2
RE DISCCART	17.68	17.68	1.2
RE DISCCART	14.14	14.14	1.2
RE DISCCART	12.02	12.02	1.2
RE DISCCART	10.61	10.61	1.2
RE DISCCART	9.19	9.19	1.2
RE DISCCART	7.78	7.78	1.2
RE DISCCART	6.36	6.36	1.2
RE DISCCART	-6.36	-6.36	1.2
RE DISCCART	-7.78	-7.78	1.2
RE DISCCART	-9.19	-9.19	1.2
RE DISCCART	-10.61	-10.61	1.2
RE DISCCART	-12.02	-12.02	1.2
RE DISCCART	-14.14	-14.14	1.2
RE DISCCART	-17.68	-17.68	1.2
RE DISCCART	-21.21	-21.21	1.2
RE DISCCART	-28.28	-28.28	1.2
RE DISCCART	-35.36	-35.36	1.2
RE DISCCART	-42.43	-42.43	1.2
RE DISCCART	-49.5	-49.5	1.2
RE DISCCART	-56.57	-56.57	1.2
RE DISCCART	-63.64	-63.64	1.2
RE DISCCART	-70.71	-70.71	1.2
RE DISCCART	77.78	63.64	1.2
RE DISCCART	70.71	56.57	1.2
RE DISCCART	63.64	49.5	1.2
RE DISCCART	56.57	42.43	1.2
RE DISCCART	49.5	35.36	1.2
RE DISCCART	42.43	28.28	1.2
RE DISCCART	35.36	21.21	1.2
RE DISCCART	28.28	14.14	1.2
RE DISCCART	24.75	10.61	1.2
RE DISCCART	21.21	7.07	1.2
RE DISCCART	19.09	4.95	1.2

RE DISCCART	17.68	3.54	1.2
RE DISCCART	16.26	2.12	1.2
RE DISCCART	14.85	0.71	1.2
RE DISCCART	13.44	-0.71	1.2
RE DISCCART	0.71	-13.44	1.2
RE DISCCART	-0.71	-14.85	1.2
RE DISCCART	-2.12	-16.26	1.2
RE DISCCART	-3.54	-17.68	1.2
RE DISCCART	-4.95	-19.09	1.2
RE DISCCART	-7.07	-21.21	1.2
RE DISCCART	-10.61	-24.75	1.2
RE DISCCART	-14.14	-28.28	1.2
RE DISCCART	-21.21	-35.36	1.2
RE DISCCART	-28.28	-42.43	1.2
RE DISCCART	-35.36	-49.5	1.2
RE DISCCART	-42.43	-56.57	1.2
RE DISCCART	-49.5	-63.64	1.2
RE DISCCART	-56.57	-70.71	1.2
RE DISCCART	-63.64	-77.78	1.2
RE DISCCART	84.85	56.57	1.2
RE DISCCART	77.78	49.5	1.2
RE DISCCART	70.71	42.43	1.2
RE DISCCART	63.64	35.36	1.2
RE DISCCART	56.57	28.28	1.2
RE DISCCART	49.5	21.21	1.2
RE DISCCART	42.43	14.14	1.2
RE DISCCART	35.36	7.07	1.2
RE DISCCART	31.82	3.54	1.2
RE DISCCART	28.28	0.0	1.2
RE DISCCART	26.16	-2.12	1.2
RE DISCCART	24.75	-3.54	1.2
RE DISCCART	23.33	-4.95	1.2
RE DISCCART	21.92	-6.36	1.2
RE DISCCART	20.51	-7.78	1.2
RE DISCCART	7.78	-20.51	1.2
RE DISCCART	6.36	-21.92	1.2
RE DISCCART	4.95	-23.33	1.2
RE DISCCART	3.54	-24.75	1.2
RE DISCCART	2.12	-26.16	1.2
RE DISCCART	0.0	-28.28	1.2
RE DISCCART	-3.54	-31.82	1.2
RE DISCCART	-7.07	-35.36	1.2
RE DISCCART	-14.14	-42.43	1.2
RE DISCCART	-21.21	-49.5	1.2

RE DISCCART	-28.28	-56.57	1.2
RE DISCCART	-35.36	-63.64	1.2
RE DISCCART	-42.43	-70.71	1.2
RE DISCCART	-49.5	-77.78	1.2
RE DISCCART	-56.57	-84.85	1.2
RE DISCCART	91.92	49.5	1.2
RE DISCCART	84.85	42.43	1.2
RE DISCCART	77.78	35.36	1.2
RE DISCCART	70.71	28.28	1.2
RE DISCCART	63.64	21.21	1.2
RE DISCCART	56.57	14.14	1.2
RE DISCCART	49.5	7.07	1.2
RE DISCCART	42.43	0.0	1.2
RE DISCCART	38.89	-3.54	1.2
RE DISCCART	35.36	-7.07	1.2
RE DISCCART	33.23	-9.19	1.2
RE DISCCART	31.82	-10.61	1.2
RE DISCCART	30.41	-12.02	1.2
RE DISCCART	28.99	-13.44	1.2
RE DISCCART	27.58	-14.85	1.2
RE DISCCART	14.85	-27.58	1.2
RE DISCCART	13.44	-28.99	1.2
RE DISCCART	12.02	-30.41	1.2
RE DISCCART	10.61	-31.82	1.2
RE DISCCART	9.19	-33.23	1.2
RE DISCCART	7.07	-35.36	1.2
RE DISCCART	3.54	-38.89	1.2
RE DISCCART	0.0	-42.43	1.2
RE DISCCART	-7.07	-49.5	1.2
RE DISCCART	-14.14	-56.57	1.2
RE DISCCART	-21.21	-63.64	1.2
RE DISCCART	-28.28	-70.71	1.2
RE DISCCART	-35.36	-77.78	1.2
RE DISCCART	-42.43	-84.85	1.2
RE DISCCART	-49.5	-91.92	1.2
RE DISCCART	98.99	42.43	1.2
RE DISCCART	91.92	35.36	1.2
RE DISCCART	84.85	28.28	1.2
RE DISCCART	77.78	21.21	1.2
RE DISCCART	70.71	14.14	1.2
RE DISCCART	63.64	7.07	1.2
RE DISCCART	56.57	0.0	1.2
RE DISCCART	49.5	-7.07	1.2
RE DISCCART	45.96	-10.61	1.2

RE DISCCART	42.43	-14.14	1.2
RE DISCCART	40.31	-16.26	1.2
RE DISCCART	38.89	-17.68	1.2
RE DISCCART	37.48	-19.09	1.2
RE DISCCART	36.06	-20.51	1.2
RE DISCCART	34.65	-21.92	1.2
RE DISCCART	21.92	-34.65	1.2
RE DISCCART	20.51	-36.06	1.2
RE DISCCART	19.09	-37.48	1.2
RE DISCCART	17.68	-38.89	1.2
RE DISCCART	16.26	-40.31	1.2
RE DISCCART	14.14	-42.43	1.2
RE DISCCART	10.61	-45.96	1.2
RE DISCCART	7.07	-49.5	1.2
RE DISCCART	0.0	-56.57	1.2
RE DISCCART	-7.07	-63.64	1.2
RE DISCCART	-14.14	-70.71	1.2
RE DISCCART	-21.21	-77.78	1.2
RE DISCCART	-28.28	-84.85	1.2
RE DISCCART	-35.36	-91.92	1.2
RE DISCCART	-42.43	-98.99	1.2
RE DISCCART	106.07	35.36	1.2
RE DISCCART	98.99	28.28	1.2
RE DISCCART	91.92	21.21	1.2
RE DISCCART	84.85	14.14	1.2
RE DISCCART	77.78	7.07	1.2
RE DISCCART	70.71	0.0	1.2
RE DISCCART	63.64	-7.07	1.2
RE DISCCART	56.57	-14.14	1.2
RE DISCCART	53.03	-17.68	1.2
RE DISCCART	49.5	-21.21	1.2
RE DISCCART	47.38	-23.33	1.2
RE DISCCART	45.96	-24.75	1.2
RE DISCCART	44.55	-26.16	1.2
RE DISCCART	43.13	-27.58	1.2
RE DISCCART	41.72	-28.99	1.2
RE DISCCART	28.99	-41.72	1.2
RE DISCCART	27.58	-43.13	1.2
RE DISCCART	26.16	-44.55	1.2
RE DISCCART	24.75	-45.96	1.2
RE DISCCART	23.33	-47.38	1.2
RE DISCCART	21.21	-49.5	1.2
RE DISCCART	17.68	-53.03	1.2
RE DISCCART	14.14	-56.57	1.2

RE DISCCART 7.07 -63.64 1.2
RE DISCCART 0.0 -70.71 1.2
RE DISCCART -7.07 -77.78 1.2
RE DISCCART -14.14 -84.85 1.2
RE DISCCART -21.21 -91.92 1.2
RE DISCCART -28.28 -98.99 1.2
RE DISCCART -35.36 -106.07 1.2
RE DISCCART 113.14 28.28 1.2
RE DISCCART 106.07 21.21 1.2
RE DISCCART 98.99 14.14 1.2
RE DISCCART 91.92 7.07 1.2
RE DISCCART 84.85 0.0 1.2
RE DISCCART 77.78 -7.07 1.2
RE DISCCART 70.71 -14.14 1.2
RE DISCCART 63.64 -21.21 1.2
RE DISCCART 60.1 -24.75 1.2
RE DISCCART 56.57 -28.28 1.2
RE DISCCART 54.45 -30.41 1.2
RE DISCCART 53.03 -31.82 1.2
RE DISCCART 51.62 -33.23 1.2
RE DISCCART 50.2 -34.65 1.2
RE DISCCART 48.79 -36.06 1.2
RE DISCCART 36.06 -48.79 1.2
RE DISCCART 34.65 -50.2 1.2
RE DISCCART 33.23 -51.62 1.2
RE DISCCART 31.82 -53.03 1.2
RE DISCCART 30.41 -54.45 1.2
RE DISCCART 28.28 -56.57 1.2
RE DISCCART 24.75 -60.1 1.2
RE DISCCART 21.21 -63.64 1.2
RE DISCCART 14.14 -70.71 1.2
RE DISCCART 7.07 -77.78 1.2
RE DISCCART 0.0 -84.85 1.2
RE DISCCART -7.07 -91.92 1.2
RE DISCCART -14.14 -98.99 1.2
RE DISCCART -21.21 -106.07 1.2
RE DISCCART -28.28 -113.14 1.2
RE DISCCART 120.21 21.21 1.2
RE DISCCART 113.14 14.14 1.2
RE DISCCART 106.07 7.07 1.2
RE DISCCART 98.99 0.0 1.2
RE DISCCART 91.92 -7.07 1.2
RE DISCCART 84.85 -14.14 1.2
RE DISCCART 77.78 -21.21 1.2

RE DISCCART	70.71	-28.28	1.2
RE DISCCART	67.18	-31.82	1.2
RE DISCCART	63.64	-35.36	1.2
RE DISCCART	61.52	-37.48	1.2
RE DISCCART	60.1	-38.89	1.2
RE DISCCART	58.69	-40.31	1.2
RE DISCCART	57.28	-41.72	1.2
RE DISCCART	55.86	-43.13	1.2
RE DISCCART	43.13	-55.86	1.2
RE DISCCART	41.72	-57.28	1.2
RE DISCCART	40.31	-58.69	1.2
RE DISCCART	38.89	-60.1	1.2
RE DISCCART	37.48	-61.52	1.2
RE DISCCART	35.36	-63.64	1.2
RE DISCCART	31.82	-67.18	1.2
RE DISCCART	28.28	-70.71	1.2
RE DISCCART	21.21	-77.78	1.2
RE DISCCART	14.14	-84.85	1.2
RE DISCCART	7.07	-91.92	1.2
RE DISCCART	0.0	-98.99	1.2
RE DISCCART	-7.07	-106.07	1.2
RE DISCCART	-14.14	-113.14	1.2
RE DISCCART	-21.21	-120.21	1.2
RE DISCCART	127.28	14.14	1.2
RE DISCCART	120.21	7.07	1.2
RE DISCCART	113.14	0.0	1.2
RE DISCCART	106.07	-7.07	1.2
RE DISCCART	98.99	-14.14	1.2
RE DISCCART	91.92	-21.21	1.2
RE DISCCART	84.85	-28.28	1.2
RE DISCCART	77.78	-35.36	1.2
RE DISCCART	74.25	-38.89	1.2
RE DISCCART	70.71	-42.43	1.2
RE DISCCART	68.59	-44.55	1.2
RE DISCCART	67.18	-45.96	1.2
RE DISCCART	65.76	-47.38	1.2
RE DISCCART	64.35	-48.79	1.2
RE DISCCART	62.93	-50.2	1.2
RE DISCCART	50.2	-62.93	1.2
RE DISCCART	48.79	-64.35	1.2
RE DISCCART	47.38	-65.76	1.2
RE DISCCART	45.96	-67.18	1.2
RE DISCCART	44.55	-68.59	1.2
RE DISCCART	42.43	-70.71	1.2

RE DISCCART	38.89	-74.25	1.2
RE DISCCART	35.36	-77.78	1.2
RE DISCCART	28.28	-84.85	1.2
RE DISCCART	21.21	-91.92	1.2
RE DISCCART	14.14	-98.99	1.2
RE DISCCART	7.07	-106.07	1.2
RE DISCCART	0.0	-113.14	1.2
RE DISCCART	-7.07	-120.21	1.2
RE DISCCART	-14.14	-127.28	1.2
RE DISCCART	134.35	7.07	1.2
RE DISCCART	127.28	0.0	1.2
RE DISCCART	120.21	-7.07	1.2
RE DISCCART	113.14	-14.14	1.2
RE DISCCART	106.07	-21.21	1.2
RE DISCCART	98.99	-28.28	1.2
RE DISCCART	91.92	-35.36	1.2
RE DISCCART	84.85	-42.43	1.2
RE DISCCART	81.32	-45.96	1.2
RE DISCCART	77.78	-49.5	1.2
RE DISCCART	75.66	-51.62	1.2
RE DISCCART	74.25	-53.03	1.2
RE DISCCART	72.83	-54.45	1.2
RE DISCCART	71.42	-55.86	1.2
RE DISCCART	70.0	-57.28	1.2
RE DISCCART	57.28	-70.0	1.2
RE DISCCART	55.86	-71.42	1.2
RE DISCCART	54.45	-72.83	1.2
RE DISCCART	53.03	-74.25	1.2
RE DISCCART	51.62	-75.66	1.2
RE DISCCART	49.5	-77.78	1.2
RE DISCCART	45.96	-81.32	1.2
RE DISCCART	42.43	-84.85	1.2
RE DISCCART	35.36	-91.92	1.2
RE DISCCART	28.28	-98.99	1.2
RE DISCCART	21.21	-106.07	1.2
RE DISCCART	14.14	-113.14	1.2
RE DISCCART	7.07	-120.21	1.2
RE DISCCART	0.0	-127.28	1.2
RE DISCCART	-7.07	-134.35	1.2
RE DISCCART	141.42	0.0	1.2
RE DISCCART	134.35	-7.07	1.2
RE DISCCART	127.28	-14.14	1.2
RE DISCCART	120.21	-21.21	1.2
RE DISCCART	113.14	-28.28	1.2

RE DISCCART	106.07	-35.36	1.2
RE DISCCART	98.99	-42.43	1.2
RE DISCCART	91.92	-49.5	1.2
RE DISCCART	88.39	-53.03	1.2
RE DISCCART	84.85	-56.57	1.2
RE DISCCART	82.73	-58.69	1.2
RE DISCCART	81.32	-60.1	1.2
RE DISCCART	79.9	-61.52	1.2
RE DISCCART	78.49	-62.93	1.2
RE DISCCART	77.07	-64.35	1.2
RE DISCCART	64.35	-77.07	1.2
RE DISCCART	62.93	-78.49	1.2
RE DISCCART	61.52	-79.9	1.2
RE DISCCART	60.1	-81.32	1.2
RE DISCCART	58.69	-82.73	1.2
RE DISCCART	56.57	-84.85	1.2
RE DISCCART	53.03	-88.39	1.2
RE DISCCART	49.5	-91.92	1.2
RE DISCCART	42.43	-98.99	1.2
RE DISCCART	35.36	-106.07	1.2
RE DISCCART	28.28	-113.14	1.2
RE DISCCART	21.21	-120.21	1.2
RE DISCCART	14.14	-127.28	1.2
RE DISCCART	7.07	-134.35	1.2
RE DISCCART	0.0	-141.42	1.2
RE DISCCART	148.49	-7.07	1.2
RE DISCCART	141.42	-14.14	1.2
RE DISCCART	134.35	-21.21	1.2
RE DISCCART	127.28	-28.28	1.2
RE DISCCART	120.21	-35.36	1.2
RE DISCCART	113.14	-42.43	1.2
RE DISCCART	106.07	-49.5	1.2
RE DISCCART	98.99	-56.57	1.2
RE DISCCART	95.46	-60.1	1.2
RE DISCCART	91.92	-63.64	1.2
RE DISCCART	89.8	-65.76	1.2
RE DISCCART	88.39	-67.18	1.2
RE DISCCART	86.97	-68.59	1.2
RE DISCCART	85.56	-70.0	1.2
RE DISCCART	84.15	-71.42	1.2
RE DISCCART	71.42	-84.15	1.2
RE DISCCART	70.0	-85.56	1.2
RE DISCCART	68.59	-86.97	1.2
RE DISCCART	67.18	-88.39	1.2

RE DISCCART	65.76	-89.8	1.2
RE DISCCART	63.64	-91.92	1.2
RE DISCCART	60.1	-95.46	1.2
RE DISCCART	56.57	-98.99	1.2
RE DISCCART	49.5	-106.07	1.2
RE DISCCART	42.43	-113.14	1.2
RE DISCCART	35.36	-120.21	1.2
RE DISCCART	28.28	-127.28	1.2
RE DISCCART	21.21	-134.35	1.2
RE DISCCART	14.14	-141.42	1.2
RE DISCCART	7.07	-148.49	1.2
RE DISCCART	155.56	-14.14	1.2
RE DISCCART	148.49	-21.21	1.2
RE DISCCART	141.42	-28.28	1.2
RE DISCCART	134.35	-35.36	1.2
RE DISCCART	127.28	-42.43	1.2
RE DISCCART	120.21	-49.5	1.2
RE DISCCART	113.14	-56.57	1.2
RE DISCCART	106.07	-63.64	1.2
RE DISCCART	102.53	-67.18	1.2
RE DISCCART	98.99	-70.71	1.2
RE DISCCART	96.87	-72.83	1.2
RE DISCCART	95.46	-74.25	1.2
RE DISCCART	94.05	-75.66	1.2
RE DISCCART	92.63	-77.07	1.2
RE DISCCART	91.22	-78.49	1.2
RE DISCCART	78.49	-91.22	1.2
RE DISCCART	77.07	-92.63	1.2
RE DISCCART	75.66	-94.05	1.2
RE DISCCART	74.25	-95.46	1.2
RE DISCCART	72.83	-96.87	1.2
RE DISCCART	70.71	-98.99	1.2
RE DISCCART	67.18	-102.53	1.2
RE DISCCART	63.64	-106.07	1.2
RE DISCCART	56.57	-113.14	1.2
RE DISCCART	49.5	-120.21	1.2
RE DISCCART	42.43	-127.28	1.2
RE DISCCART	35.36	-134.35	1.2
RE DISCCART	28.28	-141.42	1.2
RE DISCCART	21.21	-148.49	1.2
RE DISCCART	14.14	-155.56	1.2
RE DISCCART	162.63	-21.21	1.2
RE DISCCART	155.56	-28.28	1.2
RE DISCCART	148.49	-35.36	1.2

RE DISCCART	141.42	-42.43	1.2
RE DISCCART	134.35	-49.5	1.2
RE DISCCART	127.28	-56.57	1.2
RE DISCCART	120.21	-63.64	1.2
RE DISCCART	113.14	-70.71	1.2
RE DISCCART	109.6	-74.25	1.2
RE DISCCART	106.07	-77.78	1.2
RE DISCCART	103.94	-79.9	1.2
RE DISCCART	102.53	-81.32	1.2
RE DISCCART	101.12	-82.73	1.2
RE DISCCART	99.7	-84.15	1.2
RE DISCCART	98.29	-85.56	1.2
RE DISCCART	85.56	-98.29	1.2
RE DISCCART	84.15	-99.7	1.2
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RE DISCCART	81.32	-102.53	1.2
RE DISCCART	79.9	-103.94	1.2
RE DISCCART	77.78	-106.07	1.2
RE DISCCART	74.25	-109.6	1.2
RE DISCCART	70.71	-113.14	1.2
RE DISCCART	63.64	-120.21	1.2
RE DISCCART	56.57	-127.28	1.2
RE DISCCART	49.5	-134.35	1.2
RE DISCCART	42.43	-141.42	1.2
RE DISCCART	35.36	-148.49	1.2
RE DISCCART	28.28	-155.56	1.2
RE DISCCART	21.21	-162.63	1.2
RE DISCCART	169.71	-28.28	1.2
RE DISCCART	162.63	-35.36	1.2
RE DISCCART	155.56	-42.43	1.2
RE DISCCART	148.49	-49.5	1.2
RE DISCCART	141.42	-56.57	1.2
RE DISCCART	134.35	-63.64	1.2
RE DISCCART	127.28	-70.71	1.2
RE DISCCART	120.21	-77.78	1.2
RE DISCCART	116.67	-81.32	1.2
RE DISCCART	113.14	-84.85	1.2
RE DISCCART	111.02	-86.97	1.2
RE DISCCART	109.6	-88.39	1.2
RE DISCCART	108.19	-89.8	1.2
RE DISCCART	106.77	-91.22	1.2
RE DISCCART	105.36	-92.63	1.2
RE DISCCART	92.63	-105.36	1.2
RE DISCCART	91.22	-106.77	1.2

RE DISCCART	89.8	-108.19	1.2
RE DISCCART	88.39	-109.6	1.2
RE DISCCART	86.97	-111.02	1.2
RE DISCCART	84.85	-113.14	1.2
RE DISCCART	81.32	-116.67	1.2
RE DISCCART	77.78	-120.21	1.2
RE DISCCART	70.71	-127.28	1.2
RE DISCCART	63.64	-134.35	1.2
RE DISCCART	56.57	-141.42	1.2
RE DISCCART	49.5	-148.49	1.2
RE DISCCART	42.43	-155.56	1.2
RE DISCCART	35.36	-162.63	1.2
RE DISCCART	28.28	-169.71	1.2
RE DISCCART	176.78	-35.36	1.2
RE DISCCART	169.71	-42.43	1.2
RE DISCCART	162.63	-49.5	1.2
RE DISCCART	155.56	-56.57	1.2
RE DISCCART	148.49	-63.64	1.2
RE DISCCART	141.42	-70.71	1.2
RE DISCCART	134.35	-77.78	1.2
RE DISCCART	127.28	-84.85	1.2
RE DISCCART	123.74	-88.39	1.2
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RE DISCCART	99.7	-112.43	1.2
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RE DISCCART	95.46	-116.67	1.2
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RE DISCCART	88.39	-123.74	1.2
RE DISCCART	84.85	-127.28	1.2
RE DISCCART	77.78	-134.35	1.2
RE DISCCART	70.71	-141.42	1.2
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RE DISCCART	56.57	-155.56	1.2
RE DISCCART	49.5	-162.63	1.2
RE DISCCART	42.43	-169.71	1.2
RE DISCCART	35.36	-176.78	1.2
RE DISCCART	183.85	-42.43	1.2

RE DISCCART	176.78	-49.5	1.2
RE DISCCART	169.71	-56.57	1.2
RE DISCCART	162.63	-63.64	1.2
RE DISCCART	155.56	-70.71	1.2
RE DISCCART	148.49	-77.78	1.2
RE DISCCART	141.42	-84.85	1.2
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RE DISCCART	127.28	-98.99	1.2
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RE DISCCART	123.74	-102.53	1.2
RE DISCCART	122.33	-103.94	1.2
RE DISCCART	120.92	-105.36	1.2
RE DISCCART	119.5	-106.77	1.2
RE DISCCART	106.77	-119.5	1.2
RE DISCCART	105.36	-120.92	1.2
RE DISCCART	103.94	-122.33	1.2
RE DISCCART	102.53	-123.74	1.2
RE DISCCART	101.12	-125.16	1.2
RE DISCCART	98.99	-127.28	1.2
RE DISCCART	95.46	-130.81	1.2
RE DISCCART	91.92	-134.35	1.2
RE DISCCART	84.85	-141.42	1.2
RE DISCCART	77.78	-148.49	1.2
RE DISCCART	70.71	-155.56	1.2
RE DISCCART	63.64	-162.63	1.2
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RE DISCCART	113.84	-126.57	1.2
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RE DISCCART	118.09	-136.47	1.2
RE DISCCART	116.67	-137.89	1.2
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RE DISCCART	113.14	-141.42	1.2
RE DISCCART	109.6	-144.96	1.2
RE DISCCART	106.07	-148.49	1.2
RE DISCCART	98.99	-155.56	1.2
RE DISCCART	91.92	-162.63	1.2
RE DISCCART	84.85	-169.71	1.2
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RE DISCCART	70.71	-183.85	1.2
RE DISCCART	63.64	-190.92	1.2

RE DISCCART	56.57	-197.99	1.2
RE DISCCART	205.06	-63.64	1.2
RE DISCCART	197.99	-70.71	1.2
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RE DISCCART	183.85	-84.85	1.2
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RE DISCCART	169.71	-98.99	1.2
RE DISCCART	162.63	-106.07	1.2
RE DISCCART	155.56	-113.14	1.2
RE DISCCART	152.03	-116.67	1.2
RE DISCCART	148.49	-120.21	1.2
RE DISCCART	146.37	-122.33	1.2
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RE DISCCART	143.54	-125.16	1.2
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RE DISCCART	140.71	-127.99	1.2
RE DISCCART	127.99	-140.71	1.2
RE DISCCART	126.57	-142.13	1.2
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RE DISCCART	122.33	-146.37	1.2
RE DISCCART	120.21	-148.49	1.2
RE DISCCART	116.67	-152.03	1.2
RE DISCCART	113.14	-155.56	1.2
RE DISCCART	106.07	-162.63	1.2
RE DISCCART	98.99	-169.71	1.2
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RE DISCCART	70.71	-197.99	1.2
RE DISCCART	63.64	-205.06	1.2
RE DISCCART	212.13	-70.71	1.2
RE DISCCART	205.06	-77.78	1.2
RE DISCCART	197.99	-84.85	1.2
RE DISCCART	190.92	-91.92	1.2
RE DISCCART	183.85	-98.99	1.2
RE DISCCART	176.78	-106.07	1.2
RE DISCCART	169.71	-113.14	1.2
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RE DISCCART	135.06	-147.79	1.2
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RE DISCCART	127.28	-155.56	1.2
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RE DISCCART	120.21	-162.63	1.2
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RE DISCCART	106.07	-176.78	1.2
RE DISCCART	98.99	-183.85	1.2
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RE DISCCART	84.85	-197.99	1.2
RE DISCCART	77.78	-205.06	1.2
RE DISCCART	70.71	-212.13	1.2
RE DISCCART	219.2	-77.78	1.2
RE DISCCART	212.13	-84.85	1.2
RE DISCCART	205.06	-91.92	1.2
RE DISCCART	197.99	-98.99	1.2
RE DISCCART	190.92	-106.07	1.2
RE DISCCART	183.85	-113.14	1.2
RE DISCCART	176.78	-120.21	1.2
RE DISCCART	169.71	-127.28	1.2
RE DISCCART	166.17	-130.81	1.2
RE DISCCART	162.63	-134.35	1.2
RE DISCCART	160.51	-136.47	1.2
RE DISCCART	159.1	-137.89	1.2
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RE DISCCART	154.86	-142.13	1.2
RE DISCCART	142.13	-154.86	1.2
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RE DISCCART	139.3	-157.68	1.2
RE DISCCART	137.89	-159.1	1.2
RE DISCCART	136.47	-160.51	1.2
RE DISCCART	134.35	-162.63	1.2
RE DISCCART	130.81	-166.17	1.2
RE DISCCART	127.28	-169.71	1.2
RE DISCCART	120.21	-176.78	1.2
RE DISCCART	113.14	-183.85	1.2
RE DISCCART	106.07	-190.92	1.2
RE DISCCART	98.99	-197.99	1.2

RE DISCCART	91.92	-205.06	1.2
RE DISCCART	84.85	-212.13	1.2
RE DISCCART	77.78	-219.2	1.2
RE DISCCART	226.27	-84.85	1.2
RE DISCCART	219.2	-91.92	1.2
RE DISCCART	212.13	-98.99	1.2
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RE DISCCART	197.99	-113.14	1.2
RE DISCCART	190.92	-120.21	1.2
RE DISCCART	183.85	-127.28	1.2
RE DISCCART	176.78	-134.35	1.2
RE DISCCART	173.24	-137.89	1.2
RE DISCCART	169.71	-141.42	1.2
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RE DISCCART	164.76	-146.37	1.2
RE DISCCART	163.34	-147.79	1.2
RE DISCCART	161.93	-149.2	1.2
RE DISCCART	149.2	-161.93	1.2
RE DISCCART	147.79	-163.34	1.2
RE DISCCART	146.37	-164.76	1.2
RE DISCCART	144.96	-166.17	1.2
RE DISCCART	143.54	-167.58	1.2
RE DISCCART	141.42	-169.71	1.2
RE DISCCART	137.89	-173.24	1.2
RE DISCCART	134.35	-176.78	1.2
RE DISCCART	127.28	-183.85	1.2
RE DISCCART	120.21	-190.92	1.2
RE DISCCART	113.14	-197.99	1.2
RE DISCCART	106.07	-205.06	1.2
RE DISCCART	98.99	-212.13	1.2
RE DISCCART	91.92	-219.2	1.2
RE DISCCART	84.85	-226.27	1.2
RE DISCCART	233.35	-91.92	1.2
RE DISCCART	226.27	-98.99	1.2
RE DISCCART	219.2	-106.07	1.2
RE DISCCART	212.13	-113.14	1.2
RE DISCCART	205.06	-120.21	1.2
RE DISCCART	197.99	-127.28	1.2
RE DISCCART	190.92	-134.35	1.2
RE DISCCART	183.85	-141.42	1.2
RE DISCCART	180.31	-144.96	1.2
RE DISCCART	176.78	-148.49	1.2
RE DISCCART	174.66	-150.61	1.2

RE DISCCART	173.24	-152.03	1.2
RE DISCCART	171.83	-153.44	1.2
RE DISCCART	170.41	-154.86	1.2
RE DISCCART	169.0	-156.27	1.2
RE DISCCART	156.27	-169.0	1.2
RE DISCCART	154.86	-170.41	1.2
RE DISCCART	153.44	-171.83	1.2
RE DISCCART	152.03	-173.24	1.2
RE DISCCART	150.61	-174.66	1.2
RE DISCCART	148.49	-176.78	1.2
RE DISCCART	144.96	-180.31	1.2
RE DISCCART	141.42	-183.85	1.2
RE DISCCART	134.35	-190.92	1.2
RE DISCCART	127.28	-197.99	1.2
RE DISCCART	120.21	-205.06	1.2
RE DISCCART	113.14	-212.13	1.2
RE DISCCART	106.07	-219.2	1.2
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RE DISCCART	91.92	-233.35	1.2
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RE DISCCART	219.2	-120.21	1.2
RE DISCCART	212.13	-127.28	1.2
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RE DISCCART	183.85	-155.56	1.2
RE DISCCART	181.73	-157.68	1.2
RE DISCCART	180.31	-159.1	1.2
RE DISCCART	178.9	-160.51	1.2
RE DISCCART	177.48	-161.93	1.2
RE DISCCART	176.07	-163.34	1.2
RE DISCCART	163.34	-176.07	1.2
RE DISCCART	161.93	-177.48	1.2
RE DISCCART	160.51	-178.9	1.2
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RE DISCCART	157.68	-181.73	1.2
RE DISCCART	155.56	-183.85	1.2
RE DISCCART	152.03	-187.38	1.2
RE DISCCART	148.49	-190.92	1.2
RE DISCCART	141.42	-197.99	1.2
RE DISCCART	134.35	-205.06	1.2

RE DISCCART 127.28 -212.13 1.2
RE DISCCART 120.21 -219.2 1.2
RE DISCCART 113.14 -226.27 1.2
RE DISCCART 106.07 -233.35 1.2
RE DISCCART 98.99 -240.42 1.2
RE DISCCART 247.49 -106.07 1.2
RE DISCCART 240.42 -113.14 1.2
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RE DISCCART 226.27 -127.28 1.2
RE DISCCART 219.2 -134.35 1.2
RE DISCCART 212.13 -141.42 1.2
RE DISCCART 205.06 -148.49 1.2
RE DISCCART 197.99 -155.56 1.2
RE DISCCART 194.45 -159.1 1.2
RE DISCCART 190.92 -162.63 1.2
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RE DISCCART 187.38 -166.17 1.2
RE DISCCART 185.97 -167.58 1.2
RE DISCCART 184.55 -169.0 1.2
RE DISCCART 183.14 -170.41 1.2
RE DISCCART 170.41 -183.14 1.2
RE DISCCART 169.0 -184.55 1.2
RE DISCCART 167.58 -185.97 1.2
RE DISCCART 166.17 -187.38 1.2
RE DISCCART 164.76 -188.8 1.2
RE DISCCART 162.63 -190.92 1.2
RE DISCCART 159.1 -194.45 1.2
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RE DISCCART 148.49 -205.06 1.2
RE DISCCART 141.42 -212.13 1.2
RE DISCCART 134.35 -219.2 1.2
RE DISCCART 127.28 -226.27 1.2
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** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36

**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

- 1. Final Plume Rise.
- 2. Stack-tip Downwash.
- 3. Buoyancy-induced Dispersion.
- 4. Use Calms Processing Routine.
- 5. Not Use Missing Data Processing Routine.
- 6. Default Wind Profile Exponents.
- 7. Default Vertical Potential Temperature Gradients.
- 8. "Upper Bound" Values for Supersquat Buildings.
- 9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\20NCRA-1.DAT

**Output Print File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\20NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
 04/20/08
 19:03:36
 **MODELOPTs:
 PAGE 2
 CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

EMISSION RATE SOURCE SCALAR VARY BY ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	98.6	-92.3	0.0	4.95	9.00	90.00	135.00	2.30
NCRA_S2	0	0.21100E-07	35.0	-28.6	0.0	4.95	9.00	90.00	135.00	2.30
NCRA_S3	0	0.21100E-07	-28.6	35.0	0.0	4.95	9.00	90.00	135.00	2.30
NCRA_S4	0	0.21100E-07	-92.3	98.6	0.0	4.95	9.00	90.00	135.00	2.30
NCRA_S5	0	0.21100E-07	-155.9	162.3	0.0	4.95	9.00	90.00	135.00	2.30

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
 04/20/08
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 **MODELOPTs:
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 CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

NCRA_S1 NCRA_S1 ,

NCRA_S2 NCRA_S2 ,

NCRA_S3 NCRA_S3 ,

NCRA_S4 NCRA_S4 ,

NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
 04/20/08
 19:03:36
 **MODELOPTs:
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 CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-106.1, 247.5, 0.0, 1.2); (-113.1, 240.4, 0.0, 1.2);
 (-120.2, 233.4, 0.0, 1.2); (-127.3, 226.3, 0.0, 1.2);
 (-134.4, 219.2, 0.0, 1.2); (-141.4, 212.1, 0.0, 1.2);

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

(-148.5,	205.1,	0.0,	1.2);	(-155.6,	198.0,	0.0,	1.2);
(-159.1,	194.4,	0.0,	1.2);	(-162.6,	190.9,	0.0,	1.2);
(-164.8,	188.8,	0.0,	1.2);	(-166.2,	187.4,	0.0,	1.2);
(-167.6,	186.0,	0.0,	1.2);	(-169.0,	184.6,	0.0,	1.2);
(-170.4,	183.1,	0.0,	1.2);	(-183.1,	170.4,	0.0,	1.2);
(-184.6,	169.0,	0.0,	1.2);	(-186.0,	167.6,	0.0,	1.2);
(-187.4,	166.2,	0.0,	1.2);	(-188.8,	164.8,	0.0,	1.2);
(-190.9,	162.6,	0.0,	1.2);	(-194.4,	159.1,	0.0,	1.2);
(-198.0,	155.6,	0.0,	1.2);	(-205.1,	148.5,	0.0,	1.2);
(-212.1,	141.4,	0.0,	1.2);	(-219.2,	134.4,	0.0,	1.2);
(-226.3,	127.3,	0.0,	1.2);	(-233.4,	120.2,	0.0,	1.2);
(-240.4,	113.1,	0.0,	1.2);	(-247.5,	106.1,	0.0,	1.2);
(-99.0,	240.4,	0.0,	1.2);	(-106.1,	233.4,	0.0,	1.2);
(-113.1,	226.3,	0.0,	1.2);	(-120.2,	219.2,	0.0,	1.2);
(-127.3,	212.1,	0.0,	1.2);	(-134.4,	205.1,	0.0,	1.2);
(-141.4,	198.0,	0.0,	1.2);	(-148.5,	190.9,	0.0,	1.2);
(-152.0,	187.4,	0.0,	1.2);	(-155.6,	183.9,	0.0,	1.2);
(-157.7,	181.7,	0.0,	1.2);	(-159.1,	180.3,	0.0,	1.2);
(-160.5,	178.9,	0.0,	1.2);	(-161.9,	177.5,	0.0,	1.2);
(-163.3,	176.1,	0.0,	1.2);	(-176.1,	163.3,	0.0,	1.2);
(-177.5,	161.9,	0.0,	1.2);	(-178.9,	160.5,	0.0,	1.2);
(-180.3,	159.1,	0.0,	1.2);	(-181.7,	157.7,	0.0,	1.2);
(-183.9,	155.6,	0.0,	1.2);	(-187.4,	152.0,	0.0,	1.2);
(-190.9,	148.5,	0.0,	1.2);	(-198.0,	141.4,	0.0,	1.2);
(-205.1,	134.4,	0.0,	1.2);	(-212.1,	127.3,	0.0,	1.2);
(-219.2,	120.2,	0.0,	1.2);	(-226.3,	113.1,	0.0,	1.2);
(-233.4,	106.1,	0.0,	1.2);	(-240.4,	99.0,	0.0,	1.2);
(-91.9,	233.4,	0.0,	1.2);	(-99.0,	226.3,	0.0,	1.2);
(-106.1,	219.2,	0.0,	1.2);	(-113.1,	212.1,	0.0,	1.2);
(-120.2,	205.1,	0.0,	1.2);	(-127.3,	198.0,	0.0,	1.2);
(-134.4,	190.9,	0.0,	1.2);	(-141.4,	183.9,	0.0,	1.2);
(-145.0,	180.3,	0.0,	1.2);	(-148.5,	176.8,	0.0,	1.2);
(-150.6,	174.7,	0.0,	1.2);	(-152.0,	173.2,	0.0,	1.2);
(-153.4,	171.8,	0.0,	1.2);	(-154.9,	170.4,	0.0,	1.2);
(-156.3,	169.0,	0.0,	1.2);	(-169.0,	156.3,	0.0,	1.2);
(-170.4,	154.9,	0.0,	1.2);	(-171.8,	153.4,	0.0,	1.2);
(-173.2,	152.0,	0.0,	1.2);	(-174.7,	150.6,	0.0,	1.2);
(-176.8,	148.5,	0.0,	1.2);	(-180.3,	145.0,	0.0,	1.2);
(-183.9,	141.4,	0.0,	1.2);	(-190.9,	134.4,	0.0,	1.2);
(-198.0,	127.3,	0.0,	1.2);	(-205.1,	120.2,	0.0,	1.2);
(-212.1,	113.1,	0.0,	1.2);	(-219.2,	106.1,	0.0,	1.2);
(-226.3,	99.0,	0.0,	1.2);	(-233.4,	91.9,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-84.8, 226.3, 0.0, 1.2);	(-91.9, 219.2, 0.0, 1.2);
(-99.0, 212.1, 0.0, 1.2);	(-106.1, 205.1, 0.0, 1.2);
(-113.1, 198.0, 0.0, 1.2);	(-120.2, 190.9, 0.0, 1.2);
(-127.3, 183.9, 0.0, 1.2);	(-134.4, 176.8, 0.0, 1.2);
(-137.9, 173.2, 0.0, 1.2);	(-141.4, 169.7, 0.0, 1.2);
(-143.5, 167.6, 0.0, 1.2);	(-145.0, 166.2, 0.0, 1.2);
(-146.4, 164.8, 0.0, 1.2);	(-147.8, 163.3, 0.0, 1.2);
(-149.2, 161.9, 0.0, 1.2);	(-161.9, 149.2, 0.0, 1.2);
(-163.3, 147.8, 0.0, 1.2);	(-164.8, 146.4, 0.0, 1.2);
(-166.2, 145.0, 0.0, 1.2);	(-167.6, 143.5, 0.0, 1.2);
(-169.7, 141.4, 0.0, 1.2);	(-173.2, 137.9, 0.0, 1.2);
(-176.8, 134.4, 0.0, 1.2);	(-183.9, 127.3, 0.0, 1.2);
(-190.9, 120.2, 0.0, 1.2);	(-198.0, 113.1, 0.0, 1.2);
(-205.1, 106.1, 0.0, 1.2);	(-212.1, 99.0, 0.0, 1.2);
(-219.2, 91.9, 0.0, 1.2);	(-226.3, 84.8, 0.0, 1.2);
(-77.8, 219.2, 0.0, 1.2);	(-84.8, 212.1, 0.0, 1.2);
(-91.9, 205.1, 0.0, 1.2);	(-99.0, 198.0, 0.0, 1.2);
(-106.1, 190.9, 0.0, 1.2);	(-113.1, 183.9, 0.0, 1.2);
(-120.2, 176.8, 0.0, 1.2);	(-127.3, 169.7, 0.0, 1.2);
(-130.8, 166.2, 0.0, 1.2);	(-134.4, 162.6, 0.0, 1.2);
(-136.5, 160.5, 0.0, 1.2);	(-137.9, 159.1, 0.0, 1.2);
(-139.3, 157.7, 0.0, 1.2);	(-140.7, 156.3, 0.0, 1.2);
(-142.1, 154.9, 0.0, 1.2);	(-154.9, 142.1, 0.0, 1.2);
(-156.3, 140.7, 0.0, 1.2);	(-157.7, 139.3, 0.0, 1.2);
(-159.1, 137.9, 0.0, 1.2);	(-160.5, 136.5, 0.0, 1.2);
(-162.6, 134.4, 0.0, 1.2);	(-166.2, 130.8, 0.0, 1.2);
(-169.7, 127.3, 0.0, 1.2);	(-176.8, 120.2, 0.0, 1.2);
(-183.9, 113.1, 0.0, 1.2);	(-190.9, 106.1, 0.0, 1.2);
(-198.0, 99.0, 0.0, 1.2);	(-205.1, 91.9, 0.0, 1.2);
(-212.1, 84.8, 0.0, 1.2);	(-219.2, 77.8, 0.0, 1.2);
(-70.7, 212.1, 0.0, 1.2);	(-77.8, 205.1, 0.0, 1.2);
(-84.8, 198.0, 0.0, 1.2);	(-91.9, 190.9, 0.0, 1.2);
(-99.0, 183.9, 0.0, 1.2);	(-106.1, 176.8, 0.0, 1.2);
(-113.1, 169.7, 0.0, 1.2);	(-120.2, 162.6, 0.0, 1.2);
(-123.7, 159.1, 0.0, 1.2);	(-127.3, 155.6, 0.0, 1.2);
(-129.4, 153.4, 0.0, 1.2);	(-130.8, 152.0, 0.0, 1.2);
(-132.2, 150.6, 0.0, 1.2);	(-133.6, 149.2, 0.0, 1.2);
(-135.1, 147.8, 0.0, 1.2);	(-147.8, 135.1, 0.0, 1.2);
(-149.2, 133.6, 0.0, 1.2);	(-150.6, 132.2, 0.0, 1.2);

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

(-152.0,	130.8,	0.0,	1.2);	(-153.4,	129.4,	0.0,	1.2);
(-155.6,	127.3,	0.0,	1.2);	(-159.1,	123.7,	0.0,	1.2);
(-162.6,	120.2,	0.0,	1.2);	(-169.7,	113.1,	0.0,	1.2);
(-176.8,	106.1,	0.0,	1.2);	(-183.9,	99.0,	0.0,	1.2);
(-190.9,	91.9,	0.0,	1.2);	(-198.0,	84.8,	0.0,	1.2);
(-205.1,	77.8,	0.0,	1.2);	(-212.1,	70.7,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-63.6,	205.1,	0.0,	1.2);	(-70.7,	198.0,	0.0,	1.2);
(-77.8,	190.9,	0.0,	1.2);	(-84.8,	183.9,	0.0,	1.2);
(-91.9,	176.8,	0.0,	1.2);	(-99.0,	169.7,	0.0,	1.2);
(-106.1,	162.6,	0.0,	1.2);	(-113.1,	155.6,	0.0,	1.2);
(-116.7,	152.0,	0.0,	1.2);	(-120.2,	148.5,	0.0,	1.2);
(-122.3,	146.4,	0.0,	1.2);	(-123.7,	145.0,	0.0,	1.2);
(-125.2,	143.5,	0.0,	1.2);	(-126.6,	142.1,	0.0,	1.2);
(-128.0,	140.7,	0.0,	1.2);	(-140.7,	128.0,	0.0,	1.2);
(-142.1,	126.6,	0.0,	1.2);	(-143.5,	125.2,	0.0,	1.2);
(-145.0,	123.7,	0.0,	1.2);	(-146.4,	122.3,	0.0,	1.2);
(-148.5,	120.2,	0.0,	1.2);	(-152.0,	116.7,	0.0,	1.2);
(-155.6,	113.1,	0.0,	1.2);	(-162.6,	106.1,	0.0,	1.2);
(-169.7,	99.0,	0.0,	1.2);	(-176.8,	91.9,	0.0,	1.2);
(-183.9,	84.8,	0.0,	1.2);	(-190.9,	77.8,	0.0,	1.2);
(-198.0,	70.7,	0.0,	1.2);	(-205.1,	63.6,	0.0,	1.2);
(-56.6,	198.0,	0.0,	1.2);	(-63.6,	190.9,	0.0,	1.2);
(-70.7,	183.9,	0.0,	1.2);	(-77.8,	176.8,	0.0,	1.2);
(-84.8,	169.7,	0.0,	1.2);	(-91.9,	162.6,	0.0,	1.2);
(-99.0,	155.6,	0.0,	1.2);	(-106.1,	148.5,	0.0,	1.2);
(-109.6,	145.0,	0.0,	1.2);	(-113.1,	141.4,	0.0,	1.2);
(-115.3,	139.3,	0.0,	1.2);	(-116.7,	137.9,	0.0,	1.2);
(-118.1,	136.5,	0.0,	1.2);	(-119.5,	135.1,	0.0,	1.2);
(-120.9,	133.6,	0.0,	1.2);	(-133.6,	120.9,	0.0,	1.2);
(-135.1,	119.5,	0.0,	1.2);	(-136.5,	118.1,	0.0,	1.2);
(-137.9,	116.7,	0.0,	1.2);	(-139.3,	115.3,	0.0,	1.2);
(-141.4,	113.1,	0.0,	1.2);	(-145.0,	109.6,	0.0,	1.2);
(-148.5,	106.1,	0.0,	1.2);	(-155.6,	99.0,	0.0,	1.2);
(-162.6,	91.9,	0.0,	1.2);	(-169.7,	84.8,	0.0,	1.2);
(-176.8,	77.8,	0.0,	1.2);	(-183.9,	70.7,	0.0,	1.2);
(-190.9,	63.6,	0.0,	1.2);	(-198.0,	56.6,	0.0,	1.2);
(-49.5,	190.9,	0.0,	1.2);	(-56.6,	183.9,	0.0,	1.2);

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

(-63.6,	176.8,	0.0,	1.2);	(-70.7,	169.7,	0.0,	1.2);
(-77.8,	162.6,	0.0,	1.2);	(-84.8,	155.6,	0.0,	1.2);
(-91.9,	148.5,	0.0,	1.2);	(-99.0,	141.4,	0.0,	1.2);
(-102.5,	137.9,	0.0,	1.2);	(-106.1,	134.4,	0.0,	1.2);
(-108.2,	132.2,	0.0,	1.2);	(-109.6,	130.8,	0.0,	1.2);
(-111.0,	129.4,	0.0,	1.2);	(-112.4,	128.0,	0.0,	1.2);
(-113.8,	126.6,	0.0,	1.2);	(-126.6,	113.8,	0.0,	1.2);
(-128.0,	112.4,	0.0,	1.2);	(-129.4,	111.0,	0.0,	1.2);
(-130.8,	109.6,	0.0,	1.2);	(-132.2,	108.2,	0.0,	1.2);
(-134.4,	106.1,	0.0,	1.2);	(-137.9,	102.5,	0.0,	1.2);
(-141.4,	99.0,	0.0,	1.2);	(-148.5,	91.9,	0.0,	1.2);
(-155.6,	84.8,	0.0,	1.2);	(-162.6,	77.8,	0.0,	1.2);
(-169.7,	70.7,	0.0,	1.2);	(-176.8,	63.6,	0.0,	1.2);
(-183.9,	56.6,	0.0,	1.2);	(-190.9,	49.5,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-42.4,	183.9,	0.0,	1.2);	(-49.5,	176.8,	0.0,	1.2);
(-56.6,	169.7,	0.0,	1.2);	(-63.6,	162.6,	0.0,	1.2);
(-70.7,	155.6,	0.0,	1.2);	(-77.8,	148.5,	0.0,	1.2);
(-84.8,	141.4,	0.0,	1.2);	(-91.9,	134.4,	0.0,	1.2);
(-95.5,	130.8,	0.0,	1.2);	(-99.0,	127.3,	0.0,	1.2);
(-101.1,	125.2,	0.0,	1.2);	(-102.5,	123.7,	0.0,	1.2);
(-103.9,	122.3,	0.0,	1.2);	(-105.4,	120.9,	0.0,	1.2);
(-106.8,	119.5,	0.0,	1.2);	(-119.5,	106.8,	0.0,	1.2);
(-120.9,	105.4,	0.0,	1.2);	(-122.3,	103.9,	0.0,	1.2);
(-123.7,	102.5,	0.0,	1.2);	(-125.2,	101.1,	0.0,	1.2);
(-127.3,	99.0,	0.0,	1.2);	(-130.8,	95.5,	0.0,	1.2);
(-134.4,	91.9,	0.0,	1.2);	(-141.4,	84.8,	0.0,	1.2);
(-148.5,	77.8,	0.0,	1.2);	(-155.6,	70.7,	0.0,	1.2);
(-162.6,	63.6,	0.0,	1.2);	(-169.7,	56.6,	0.0,	1.2);
(-176.8,	49.5,	0.0,	1.2);	(-183.9,	42.4,	0.0,	1.2);
(-35.4,	176.8,	0.0,	1.2);	(-42.4,	169.7,	0.0,	1.2);
(-49.5,	162.6,	0.0,	1.2);	(-56.6,	155.6,	0.0,	1.2);
(-63.6,	148.5,	0.0,	1.2);	(-70.7,	141.4,	0.0,	1.2);
(-77.8,	134.4,	0.0,	1.2);	(-84.8,	127.3,	0.0,	1.2);
(-88.4,	123.7,	0.0,	1.2);	(-91.9,	120.2,	0.0,	1.2);
(-94.1,	118.1,	0.0,	1.2);	(-95.5,	116.7,	0.0,	1.2);
(-96.9,	115.3,	0.0,	1.2);	(-98.3,	113.8,	0.0,	1.2);
(-99.7,	112.4,	0.0,	1.2);	(-112.4,	99.7,	0.0,	1.2);

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

(-113.8,	98.3,	0.0,	1.2);	(-115.3,	96.9,	0.0,	1.2);
(-116.7,	95.5,	0.0,	1.2);	(-118.1,	94.1,	0.0,	1.2);
(-120.2,	91.9,	0.0,	1.2);	(-123.7,	88.4,	0.0,	1.2);
(-127.3,	84.8,	0.0,	1.2);	(-134.4,	77.8,	0.0,	1.2);
(-141.4,	70.7,	0.0,	1.2);	(-148.5,	63.6,	0.0,	1.2);
(-155.6,	56.6,	0.0,	1.2);	(-162.6,	49.5,	0.0,	1.2);
(-169.7,	42.4,	0.0,	1.2);	(-176.8,	35.4,	0.0,	1.2);
(-28.3,	169.7,	0.0,	1.2);	(-35.4,	162.6,	0.0,	1.2);
(-42.4,	155.6,	0.0,	1.2);	(-49.5,	148.5,	0.0,	1.2);
(-56.6,	141.4,	0.0,	1.2);	(-63.6,	134.4,	0.0,	1.2);
(-70.7,	127.3,	0.0,	1.2);	(-77.8,	120.2,	0.0,	1.2);
(-81.3,	116.7,	0.0,	1.2);	(-84.8,	113.1,	0.0,	1.2);
(-87.0,	111.0,	0.0,	1.2);	(-88.4,	109.6,	0.0,	1.2);
(-89.8,	108.2,	0.0,	1.2);	(-91.2,	106.8,	0.0,	1.2);
(-92.6,	105.4,	0.0,	1.2);	(-105.4,	92.6,	0.0,	1.2);
(-106.8,	91.2,	0.0,	1.2);	(-108.2,	89.8,	0.0,	1.2);
(-109.6,	88.4,	0.0,	1.2);	(-111.0,	87.0,	0.0,	1.2);
(-113.1,	84.8,	0.0,	1.2);	(-116.7,	81.3,	0.0,	1.2);
(-120.2,	77.8,	0.0,	1.2);	(-127.3,	70.7,	0.0,	1.2);
(-134.4,	63.6,	0.0,	1.2);	(-141.4,	56.6,	0.0,	1.2);
(-148.5,	49.5,	0.0,	1.2);	(-155.6,	42.4,	0.0,	1.2);
(-162.6,	35.4,	0.0,	1.2);	(-169.7,	28.3,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

19:03:36

**MODELOPTs:
PAGE 8

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-21.2,	162.6,	0.0,	1.2);	(-28.3,	155.6,	0.0,	1.2);
(-35.4,	148.5,	0.0,	1.2);	(-42.4,	141.4,	0.0,	1.2);
(-49.5,	134.4,	0.0,	1.2);	(-56.6,	127.3,	0.0,	1.2);
(-63.6,	120.2,	0.0,	1.2);	(-70.7,	113.1,	0.0,	1.2);
(-74.2,	109.6,	0.0,	1.2);	(-77.8,	106.1,	0.0,	1.2);
(-79.9,	103.9,	0.0,	1.2);	(-81.3,	102.5,	0.0,	1.2);
(-82.7,	101.1,	0.0,	1.2);	(-84.2,	99.7,	0.0,	1.2);
(-85.6,	98.3,	0.0,	1.2);	(-98.3,	85.6,	0.0,	1.2);
(-99.7,	84.2,	0.0,	1.2);	(-101.1,	82.7,	0.0,	1.2);
(-102.5,	81.3,	0.0,	1.2);	(-103.9,	79.9,	0.0,	1.2);
(-106.1,	77.8,	0.0,	1.2);	(-109.6,	74.2,	0.0,	1.2);
(-113.1,	70.7,	0.0,	1.2);	(-120.2,	63.6,	0.0,	1.2);
(-127.3,	56.6,	0.0,	1.2);	(-134.4,	49.5,	0.0,	1.2);
(-141.4,	42.4,	0.0,	1.2);	(-148.5,	35.4,	0.0,	1.2);
(-155.6,	28.3,	0.0,	1.2);	(-162.6,	21.2,	0.0,	1.2);

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

(-14.1,	155.6,	0.0,	1.2);	(-21.2,	148.5,	0.0,	1.2);
(-28.3,	141.4,	0.0,	1.2);	(-35.4,	134.4,	0.0,	1.2);
(-42.4,	127.3,	0.0,	1.2);	(-49.5,	120.2,	0.0,	1.2);
(-56.6,	113.1,	0.0,	1.2);	(-63.6,	106.1,	0.0,	1.2);
(-67.2,	102.5,	0.0,	1.2);	(-70.7,	99.0,	0.0,	1.2);
(-72.8,	96.9,	0.0,	1.2);	(-74.2,	95.5,	0.0,	1.2);
(-75.7,	94.1,	0.0,	1.2);	(-77.1,	92.6,	0.0,	1.2);
(-78.5,	91.2,	0.0,	1.2);	(-91.2,	78.5,	0.0,	1.2);
(-92.6,	77.1,	0.0,	1.2);	(-94.1,	75.7,	0.0,	1.2);
(-95.5,	74.2,	0.0,	1.2);	(-96.9,	72.8,	0.0,	1.2);
(-99.0,	70.7,	0.0,	1.2);	(-102.5,	67.2,	0.0,	1.2);
(-106.1,	63.6,	0.0,	1.2);	(-113.1,	56.6,	0.0,	1.2);
(-120.2,	49.5,	0.0,	1.2);	(-127.3,	42.4,	0.0,	1.2);
(-134.4,	35.4,	0.0,	1.2);	(-141.4,	28.3,	0.0,	1.2);
(-148.5,	21.2,	0.0,	1.2);	(-155.6,	14.1,	0.0,	1.2);
(-7.1,	148.5,	0.0,	1.2);	(-14.1,	141.4,	0.0,	1.2);
(-21.2,	134.4,	0.0,	1.2);	(-28.3,	127.3,	0.0,	1.2);
(-35.4,	120.2,	0.0,	1.2);	(-42.4,	113.1,	0.0,	1.2);
(-49.5,	106.1,	0.0,	1.2);	(-56.6,	99.0,	0.0,	1.2);
(-60.1,	95.5,	0.0,	1.2);	(-63.6,	91.9,	0.0,	1.2);
(-65.8,	89.8,	0.0,	1.2);	(-67.2,	88.4,	0.0,	1.2);
(-68.6,	87.0,	0.0,	1.2);	(-70.0,	85.6,	0.0,	1.2);
(-71.4,	84.2,	0.0,	1.2);	(-84.2,	71.4,	0.0,	1.2);
(-85.6,	70.0,	0.0,	1.2);	(-87.0,	68.6,	0.0,	1.2);
(-88.4,	67.2,	0.0,	1.2);	(-89.8,	65.8,	0.0,	1.2);
(-91.9,	63.6,	0.0,	1.2);	(-95.5,	60.1,	0.0,	1.2);
(-99.0,	56.6,	0.0,	1.2);	(-106.1,	49.5,	0.0,	1.2);
(-113.1,	42.4,	0.0,	1.2);	(-120.2,	35.4,	0.0,	1.2);
(-127.3,	28.3,	0.0,	1.2);	(-134.4,	21.2,	0.0,	1.2);
(-141.4,	14.1,	0.0,	1.2);	(-148.5,	7.1,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(0.0,	141.4,	0.0,	1.2);	(-7.1,	134.4,	0.0,	1.2);
(-14.1,	127.3,	0.0,	1.2);	(-21.2,	120.2,	0.0,	1.2);
(-28.3,	113.1,	0.0,	1.2);	(-35.4,	106.1,	0.0,	1.2);
(-42.4,	99.0,	0.0,	1.2);	(-49.5,	91.9,	0.0,	1.2);
(-53.0,	88.4,	0.0,	1.2);	(-56.6,	84.8,	0.0,	1.2);
(-58.7,	82.7,	0.0,	1.2);	(-60.1,	81.3,	0.0,	1.2);
(-61.5,	79.9,	0.0,	1.2);	(-62.9,	78.5,	0.0,	1.2);

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

(-64.3,	77.1,	0.0,	1.2);	(-77.1,	64.3,	0.0,	1.2);
(-78.5,	62.9,	0.0,	1.2);	(-79.9,	61.5,	0.0,	1.2);
(-81.3,	60.1,	0.0,	1.2);	(-82.7,	58.7,	0.0,	1.2);
(-84.8,	56.6,	0.0,	1.2);	(-88.4,	53.0,	0.0,	1.2);
(-91.9,	49.5,	0.0,	1.2);	(-99.0,	42.4,	0.0,	1.2);
(-106.1,	35.4,	0.0,	1.2);	(-113.1,	28.3,	0.0,	1.2);
(-120.2,	21.2,	0.0,	1.2);	(-127.3,	14.1,	0.0,	1.2);
(-134.4,	7.1,	0.0,	1.2);	(-141.4,	0.0,	0.0,	1.2);
(7.1,	134.4,	0.0,	1.2);	(0.0,	127.3,	0.0,	1.2);
(-7.1,	120.2,	0.0,	1.2);	(-14.1,	113.1,	0.0,	1.2);
(-21.2,	106.1,	0.0,	1.2);	(-28.3,	99.0,	0.0,	1.2);
(-35.4,	91.9,	0.0,	1.2);	(-42.4,	84.8,	0.0,	1.2);
(-46.0,	81.3,	0.0,	1.2);	(-49.5,	77.8,	0.0,	1.2);
(-51.6,	75.7,	0.0,	1.2);	(-53.0,	74.2,	0.0,	1.2);
(-54.5,	72.8,	0.0,	1.2);	(-55.9,	71.4,	0.0,	1.2);
(-57.3,	70.0,	0.0,	1.2);	(-70.0,	57.3,	0.0,	1.2);
(-71.4,	55.9,	0.0,	1.2);	(-72.8,	54.5,	0.0,	1.2);
(-74.2,	53.0,	0.0,	1.2);	(-75.7,	51.6,	0.0,	1.2);
(-77.8,	49.5,	0.0,	1.2);	(-81.3,	46.0,	0.0,	1.2);
(-84.8,	42.4,	0.0,	1.2);	(-91.9,	35.4,	0.0,	1.2);
(-99.0,	28.3,	0.0,	1.2);	(-106.1,	21.2,	0.0,	1.2);
(-113.1,	14.1,	0.0,	1.2);	(-120.2,	7.1,	0.0,	1.2);
(-127.3,	0.0,	0.0,	1.2);	(-134.4,	-7.1,	0.0,	1.2);
(14.1,	127.3,	0.0,	1.2);	(7.1,	120.2,	0.0,	1.2);
(0.0,	113.1,	0.0,	1.2);	(-7.1,	106.1,	0.0,	1.2);
(-14.1,	99.0,	0.0,	1.2);	(-21.2,	91.9,	0.0,	1.2);
(-28.3,	84.8,	0.0,	1.2);	(-35.4,	77.8,	0.0,	1.2);
(-38.9,	74.2,	0.0,	1.2);	(-42.4,	70.7,	0.0,	1.2);
(-44.5,	68.6,	0.0,	1.2);	(-46.0,	67.2,	0.0,	1.2);
(-47.4,	65.8,	0.0,	1.2);	(-48.8,	64.3,	0.0,	1.2);
(-50.2,	62.9,	0.0,	1.2);	(-62.9,	50.2,	0.0,	1.2);
(-64.3,	48.8,	0.0,	1.2);	(-65.8,	47.4,	0.0,	1.2);
(-67.2,	46.0,	0.0,	1.2);	(-68.6,	44.5,	0.0,	1.2);
(-70.7,	42.4,	0.0,	1.2);	(-74.2,	38.9,	0.0,	1.2);
(-77.8,	35.4,	0.0,	1.2);	(-84.8,	28.3,	0.0,	1.2);
(-91.9,	21.2,	0.0,	1.2);	(-99.0,	14.1,	0.0,	1.2);
(-106.1,	7.1,	0.0,	1.2);	(-113.1,	0.0,	0.0,	1.2);
(-120.2,	-7.1,	0.0,	1.2);	(-127.3,	-14.1,	0.0,	1.2);

1 *** ISCT3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound
(METERS)

(21.2, 120.2, 0.0, 1.2);	(14.1, 113.1, 0.0, 1.2);
(7.1, 106.1, 0.0, 1.2);	(0.0, 99.0, 0.0, 1.2);
(-7.1, 91.9, 0.0, 1.2);	(-14.1, 84.8, 0.0, 1.2);
(-21.2, 77.8, 0.0, 1.2);	(-28.3, 70.7, 0.0, 1.2);
(-31.8, 67.2, 0.0, 1.2);	(-35.4, 63.6, 0.0, 1.2);
(-37.5, 61.5, 0.0, 1.2);	(-38.9, 60.1, 0.0, 1.2);
(-40.3, 58.7, 0.0, 1.2);	(-41.7, 57.3, 0.0, 1.2);
(-43.1, 55.9, 0.0, 1.2);	(-55.9, 43.1, 0.0, 1.2);
(-57.3, 41.7, 0.0, 1.2);	(-58.7, 40.3, 0.0, 1.2);
(-60.1, 38.9, 0.0, 1.2);	(-61.5, 37.5, 0.0, 1.2);
(-63.6, 35.4, 0.0, 1.2);	(-67.2, 31.8, 0.0, 1.2);
(-70.7, 28.3, 0.0, 1.2);	(-77.8, 21.2, 0.0, 1.2);
(-84.8, 14.1, 0.0, 1.2);	(-91.9, 7.1, 0.0, 1.2);
(-99.0, 0.0, 0.0, 1.2);	(-106.1, -7.1, 0.0, 1.2);
(-113.1, -14.1, 0.0, 1.2);	(-120.2, -21.2, 0.0, 1.2);
(28.3, 113.1, 0.0, 1.2);	(21.2, 106.1, 0.0, 1.2);
(14.1, 99.0, 0.0, 1.2);	(7.1, 91.9, 0.0, 1.2);
(0.0, 84.8, 0.0, 1.2);	(-7.1, 77.8, 0.0, 1.2);
(-14.1, 70.7, 0.0, 1.2);	(-21.2, 63.6, 0.0, 1.2);
(-24.8, 60.1, 0.0, 1.2);	(-28.3, 56.6, 0.0, 1.2);
(-30.4, 54.5, 0.0, 1.2);	(-31.8, 53.0, 0.0, 1.2);
(-33.2, 51.6, 0.0, 1.2);	(-34.7, 50.2, 0.0, 1.2);
(-36.1, 48.8, 0.0, 1.2);	(-48.8, 36.1, 0.0, 1.2);
(-50.2, 34.7, 0.0, 1.2);	(-51.6, 33.2, 0.0, 1.2);
(-53.0, 31.8, 0.0, 1.2);	(-54.5, 30.4, 0.0, 1.2);
(-56.6, 28.3, 0.0, 1.2);	(-60.1, 24.8, 0.0, 1.2);
(-63.6, 21.2, 0.0, 1.2);	(-70.7, 14.1, 0.0, 1.2);
(-77.8, 7.1, 0.0, 1.2);	(-84.8, 0.0, 0.0, 1.2);
(-91.9, -7.1, 0.0, 1.2);	(-99.0, -14.1, 0.0, 1.2);
(-106.1, -21.2, 0.0, 1.2);	(-113.1, -28.3, 0.0, 1.2);
(35.4, 106.1, 0.0, 1.2);	(28.3, 99.0, 0.0, 1.2);
(21.2, 91.9, 0.0, 1.2);	(14.1, 84.8, 0.0, 1.2);
(7.1, 77.8, 0.0, 1.2);	(0.0, 70.7, 0.0, 1.2);
(-7.1, 63.6, 0.0, 1.2);	(-14.1, 56.6, 0.0, 1.2);
(-17.7, 53.0, 0.0, 1.2);	(-21.2, 49.5, 0.0, 1.2);
(-23.3, 47.4, 0.0, 1.2);	(-24.8, 46.0, 0.0, 1.2);
(-26.2, 44.5, 0.0, 1.2);	(-27.6, 43.1, 0.0, 1.2);
(-29.0, 41.7, 0.0, 1.2);	(-41.7, 29.0, 0.0, 1.2);
(-43.1, 27.6, 0.0, 1.2);	(-44.5, 26.2, 0.0, 1.2);
(-46.0, 24.8, 0.0, 1.2);	(-47.4, 23.3, 0.0, 1.2);
(-49.5, 21.2, 0.0, 1.2);	(-53.0, 17.7, 0.0, 1.2);
(-56.6, 14.1, 0.0, 1.2);	(-63.6, 7.1, 0.0, 1.2);
(-70.7, 0.0, 0.0, 1.2);	(-77.8, -7.1, 0.0, 1.2);

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

(-84.8, -14.1, 0.0, 1.2); (-91.9, -21.2, 0.0, 1.2);
 (-99.0, -28.3, 0.0, 1.2); (-106.1, -35.4, 0.0, 1.2);

1 *** ICSCT3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(42.4, 99.0, 0.0, 1.2); (35.4, 91.9, 0.0, 1.2);
 (28.3, 84.8, 0.0, 1.2); (21.2, 77.8, 0.0, 1.2);
 (14.1, 70.7, 0.0, 1.2); (7.1, 63.6, 0.0, 1.2);
 (0.0, 56.6, 0.0, 1.2); (-7.1, 49.5, 0.0, 1.2);
 (-10.6, 46.0, 0.0, 1.2); (-14.1, 42.4, 0.0, 1.2);
 (-16.3, 40.3, 0.0, 1.2); (-17.7, 38.9, 0.0, 1.2);
 (-19.1, 37.5, 0.0, 1.2); (-20.5, 36.1, 0.0, 1.2);
 (-21.9, 34.7, 0.0, 1.2); (-34.7, 21.9, 0.0, 1.2);
 (-36.1, 20.5, 0.0, 1.2); (-37.5, 19.1, 0.0, 1.2);
 (-38.9, 17.7, 0.0, 1.2); (-40.3, 16.3, 0.0, 1.2);
 (-42.4, 14.1, 0.0, 1.2); (-46.0, 10.6, 0.0, 1.2);
 (-49.5, 7.1, 0.0, 1.2); (-56.6, 0.0, 0.0, 1.2);
 (-63.6, -7.1, 0.0, 1.2); (-70.7, -14.1, 0.0, 1.2);
 (-77.8, -21.2, 0.0, 1.2); (-84.8, -28.3, 0.0, 1.2);
 (-91.9, -35.4, 0.0, 1.2); (-99.0, -42.4, 0.0, 1.2);
 (49.5, 91.9, 0.0, 1.2); (42.4, 84.8, 0.0, 1.2);
 (35.4, 77.8, 0.0, 1.2); (28.3, 70.7, 0.0, 1.2);
 (21.2, 63.6, 0.0, 1.2); (14.1, 56.6, 0.0, 1.2);
 (7.1, 49.5, 0.0, 1.2); (0.0, 42.4, 0.0, 1.2);
 (-3.5, 38.9, 0.0, 1.2); (-7.1, 35.4, 0.0, 1.2);
 (-9.2, 33.2, 0.0, 1.2); (-10.6, 31.8, 0.0, 1.2);
 (-12.0, 30.4, 0.0, 1.2); (-13.4, 29.0, 0.0, 1.2);
 (-14.9, 27.6, 0.0, 1.2); (-27.6, 14.9, 0.0, 1.2);
 (-29.0, 13.4, 0.0, 1.2); (-30.4, 12.0, 0.0, 1.2);
 (-31.8, 10.6, 0.0, 1.2); (-33.2, 9.2, 0.0, 1.2);
 (-35.4, 7.1, 0.0, 1.2); (-38.9, 3.5, 0.0, 1.2);
 (-42.4, 0.0, 0.0, 1.2); (-49.5, -7.1, 0.0, 1.2);
 (-56.6, -14.1, 0.0, 1.2); (-63.6, -21.2, 0.0, 1.2);
 (-70.7, -28.3, 0.0, 1.2); (-77.8, -35.4, 0.0, 1.2);
 (-84.8, -42.4, 0.0, 1.2); (-91.9, -49.5, 0.0, 1.2);
 (56.6, 84.8, 0.0, 1.2); (49.5, 77.8, 0.0, 1.2);
 (42.4, 70.7, 0.0, 1.2); (35.4, 63.6, 0.0, 1.2);
 (28.3, 56.6, 0.0, 1.2); (21.2, 49.5, 0.0, 1.2);
 (14.1, 42.4, 0.0, 1.2); (7.1, 35.4, 0.0, 1.2);
 (3.5, 31.8, 0.0, 1.2); (0.0, 28.3, 0.0, 1.2);

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

(-2.1,	26.2,	0.0,	1.2);	(-3.5,	24.8,	0.0,	1.2);
(-4.9,	23.3,	0.0,	1.2);	(-6.4,	21.9,	0.0,	1.2);
(-7.8,	20.5,	0.0,	1.2);	(-20.5,	7.8,	0.0,	1.2);
(-21.9,	6.4,	0.0,	1.2);	(-23.3,	4.9,	0.0,	1.2);
(-24.8,	3.5,	0.0,	1.2);	(-26.2,	2.1,	0.0,	1.2);
(-28.3,	0.0,	0.0,	1.2);	(-31.8,	-3.5,	0.0,	1.2);
(-35.4,	-7.1,	0.0,	1.2);	(-42.4,	-14.1,	0.0,	1.2);
(-49.5,	-21.2,	0.0,	1.2);	(-56.6,	-28.3,	0.0,	1.2);
(-63.6,	-35.4,	0.0,	1.2);	(-70.7,	-42.4,	0.0,	1.2);
(-77.8,	-49.5,	0.0,	1.2);	(-84.8,	-56.6,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(63.6,	77.8,	0.0,	1.2);	(56.6,	70.7,	0.0,	1.2);
(49.5,	63.6,	0.0,	1.2);	(42.4,	56.6,	0.0,	1.2);
(35.4,	49.5,	0.0,	1.2);	(28.3,	42.4,	0.0,	1.2);
(21.2,	35.4,	0.0,	1.2);	(14.1,	28.3,	0.0,	1.2);
(10.6,	24.8,	0.0,	1.2);	(7.1,	21.2,	0.0,	1.2);
(4.9,	19.1,	0.0,	1.2);	(3.5,	17.7,	0.0,	1.2);
(2.1,	16.3,	0.0,	1.2);	(0.7,	14.9,	0.0,	1.2);
(-0.7,	13.4,	0.0,	1.2);	(-13.4,	0.7,	0.0,	1.2);
(-14.9,	-0.7,	0.0,	1.2);	(-16.3,	-2.1,	0.0,	1.2);
(-17.7,	-3.5,	0.0,	1.2);	(-19.1,	-4.9,	0.0,	1.2);
(-21.2,	-7.1,	0.0,	1.2);	(-24.8,	-10.6,	0.0,	1.2);
(-28.3,	-14.1,	0.0,	1.2);	(-35.4,	-21.2,	0.0,	1.2);
(-42.4,	-28.3,	0.0,	1.2);	(-49.5,	-35.4,	0.0,	1.2);
(-56.6,	-42.4,	0.0,	1.2);	(-63.6,	-49.5,	0.0,	1.2);
(-70.7,	-56.6,	0.0,	1.2);	(-77.8,	-63.6,	0.0,	1.2);
(70.7,	70.7,	0.0,	1.2);	(63.6,	63.6,	0.0,	1.2);
(56.6,	56.6,	0.0,	1.2);	(49.5,	49.5,	0.0,	1.2);
(42.4,	42.4,	0.0,	1.2);	(35.4,	35.4,	0.0,	1.2);
(28.3,	28.3,	0.0,	1.2);	(21.2,	21.2,	0.0,	1.2);
(17.7,	17.7,	0.0,	1.2);	(14.1,	14.1,	0.0,	1.2);
(12.0,	12.0,	0.0,	1.2);	(10.6,	10.6,	0.0,	1.2);
(9.2,	9.2,	0.0,	1.2);	(7.8,	7.8,	0.0,	1.2);
(6.4,	6.4,	0.0,	1.2);	(-6.4,	-6.4,	0.0,	1.2);
(-7.8,	-7.8,	0.0,	1.2);	(-9.2,	-9.2,	0.0,	1.2);
(-10.6,	-10.6,	0.0,	1.2);	(-12.0,	-12.0,	0.0,	1.2);
(-14.1,	-14.1,	0.0,	1.2);	(-17.7,	-17.7,	0.0,	1.2);
(-21.2,	-21.2,	0.0,	1.2);	(-28.3,	-28.3,	0.0,	1.2);

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

(-35.4, -35.4, 0.0, 1.2);	(-42.4, -42.4, 0.0, 1.2);
(-49.5, -49.5, 0.0, 1.2);	(-56.6, -56.6, 0.0, 1.2);
(-63.6, -63.6, 0.0, 1.2);	(-70.7, -70.7, 0.0, 1.2);
(77.8, 63.6, 0.0, 1.2);	(70.7, 56.6, 0.0, 1.2);
(63.6, 49.5, 0.0, 1.2);	(56.6, 42.4, 0.0, 1.2);
(49.5, 35.4, 0.0, 1.2);	(42.4, 28.3, 0.0, 1.2);
(35.4, 21.2, 0.0, 1.2);	(28.3, 14.1, 0.0, 1.2);
(24.8, 10.6, 0.0, 1.2);	(21.2, 7.1, 0.0, 1.2);
(19.1, 4.9, 0.0, 1.2);	(17.7, 3.5, 0.0, 1.2);
(16.3, 2.1, 0.0, 1.2);	(14.9, 0.7, 0.0, 1.2);
(13.4, -0.7, 0.0, 1.2);	(0.7, -13.4, 0.0, 1.2);
(-0.7, -14.9, 0.0, 1.2);	(-2.1, -16.3, 0.0, 1.2);
(-3.5, -17.7, 0.0, 1.2);	(-4.9, -19.1, 0.0, 1.2);
(-7.1, -21.2, 0.0, 1.2);	(-10.6, -24.8, 0.0, 1.2);
(-14.1, -28.3, 0.0, 1.2);	(-21.2, -35.4, 0.0, 1.2);
(-28.3, -42.4, 0.0, 1.2);	(-35.4, -49.5, 0.0, 1.2);
(-42.4, -56.6, 0.0, 1.2);	(-49.5, -63.6, 0.0, 1.2);
(-56.6, -70.7, 0.0, 1.2);	(-63.6, -77.8, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(84.8, 56.6, 0.0, 1.2);	(77.8, 49.5, 0.0, 1.2);
(70.7, 42.4, 0.0, 1.2);	(63.6, 35.4, 0.0, 1.2);
(56.6, 28.3, 0.0, 1.2);	(49.5, 21.2, 0.0, 1.2);
(42.4, 14.1, 0.0, 1.2);	(35.4, 7.1, 0.0, 1.2);
(31.8, 3.5, 0.0, 1.2);	(28.3, 0.0, 0.0, 1.2);
(26.2, -2.1, 0.0, 1.2);	(24.8, -3.5, 0.0, 1.2);
(23.3, -4.9, 0.0, 1.2);	(21.9, -6.4, 0.0, 1.2);
(20.5, -7.8, 0.0, 1.2);	(7.8, -20.5, 0.0, 1.2);
(6.4, -21.9, 0.0, 1.2);	(4.9, -23.3, 0.0, 1.2);
(3.5, -24.8, 0.0, 1.2);	(2.1, -26.2, 0.0, 1.2);
(0.0, -28.3, 0.0, 1.2);	(-3.5, -31.8, 0.0, 1.2);
(-7.1, -35.4, 0.0, 1.2);	(-14.1, -42.4, 0.0, 1.2);
(-21.2, -49.5, 0.0, 1.2);	(-28.3, -56.6, 0.0, 1.2);
(-35.4, -63.6, 0.0, 1.2);	(-42.4, -70.7, 0.0, 1.2);
(-49.5, -77.8, 0.0, 1.2);	(-56.6, -84.8, 0.0, 1.2);
(91.9, 49.5, 0.0, 1.2);	(84.8, 42.4, 0.0, 1.2);
(77.8, 35.4, 0.0, 1.2);	(70.7, 28.3, 0.0, 1.2);
(63.6, 21.2, 0.0, 1.2);	(56.6, 14.1, 0.0, 1.2);
(49.5, 7.1, 0.0, 1.2);	(42.4, 0.0, 0.0, 1.2);

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

(38.9, -3.5, 0.0, 1.2);	(-35.4, -7.1, 0.0, 1.2);
(33.2, -9.2, 0.0, 1.2);	(31.8, -10.6, 0.0, 1.2);
(30.4, -12.0, 0.0, 1.2);	(29.0, -13.4, 0.0, 1.2);
(27.6, -14.9, 0.0, 1.2);	(14.9, -27.6, 0.0, 1.2);
(13.4, -29.0, 0.0, 1.2);	(12.0, -30.4, 0.0, 1.2);
(10.6, -31.8, 0.0, 1.2);	(9.2, -33.2, 0.0, 1.2);
(7.1, -35.4, 0.0, 1.2);	(3.5, -38.9, 0.0, 1.2);
(0.0, -42.4, 0.0, 1.2);	(-7.1, -49.5, 0.0, 1.2);
(-14.1, -56.6, 0.0, 1.2);	(-21.2, -63.6, 0.0, 1.2);
(-28.3, -70.7, 0.0, 1.2);	(-35.4, -77.8, 0.0, 1.2);
(-42.4, -84.8, 0.0, 1.2);	(-49.5, -91.9, 0.0, 1.2);
(99.0, 42.4, 0.0, 1.2);	(91.9, 35.4, 0.0, 1.2);
(84.8, 28.3, 0.0, 1.2);	(77.8, 21.2, 0.0, 1.2);
(70.7, 14.1, 0.0, 1.2);	(63.6, 7.1, 0.0, 1.2);
(56.6, 0.0, 0.0, 1.2);	(49.5, -7.1, 0.0, 1.2);
(46.0, -10.6, 0.0, 1.2);	(42.4, -14.1, 0.0, 1.2);
(40.3, -16.3, 0.0, 1.2);	(38.9, -17.7, 0.0, 1.2);
(37.5, -19.1, 0.0, 1.2);	(36.1, -20.5, 0.0, 1.2);
(34.7, -21.9, 0.0, 1.2);	(21.9, -34.7, 0.0, 1.2);
(20.5, -36.1, 0.0, 1.2);	(19.1, -37.5, 0.0, 1.2);
(17.7, -38.9, 0.0, 1.2);	(16.3, -40.3, 0.0, 1.2);
(14.1, -42.4, 0.0, 1.2);	(10.6, -46.0, 0.0, 1.2);
(7.1, -49.5, 0.0, 1.2);	(0.0, -56.6, 0.0, 1.2);
(-7.1, -63.6, 0.0, 1.2);	(-14.1, -70.7, 0.0, 1.2);
(-21.2, -77.8, 0.0, 1.2);	(-28.3, -84.8, 0.0, 1.2);
(-35.4, -91.9, 0.0, 1.2);	(-42.4, -99.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

19:03:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(106.1, 35.4, 0.0, 1.2);	(99.0, 28.3, 0.0, 1.2);
(91.9, 21.2, 0.0, 1.2);	(84.8, 14.1, 0.0, 1.2);
(77.8, 7.1, 0.0, 1.2);	(70.7, 0.0, 0.0, 1.2);
(63.6, -7.1, 0.0, 1.2);	(56.6, -14.1, 0.0, 1.2);
(53.0, -17.7, 0.0, 1.2);	(49.5, -21.2, 0.0, 1.2);
(47.4, -23.3, 0.0, 1.2);	(46.0, -24.8, 0.0, 1.2);
(44.5, -26.2, 0.0, 1.2);	(43.1, -27.6, 0.0, 1.2);
(41.7, -29.0, 0.0, 1.2);	(29.0, -41.7, 0.0, 1.2);
(27.6, -43.1, 0.0, 1.2);	(26.2, -44.5, 0.0, 1.2);
(24.8, -46.0, 0.0, 1.2);	(23.3, -47.4, 0.0, 1.2);
(21.2, -49.5, 0.0, 1.2);	(17.7, -53.0, 0.0, 1.2);

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

(14.1,	-56.6,	0.0,	1.2);	(7.1,	-63.6,	0.0,	1.2);
(0.0,	-70.7,	0.0,	1.2);	(-7.1,	-77.8,	0.0,	1.2);
(-14.1,	-84.8,	0.0,	1.2);	(-21.2,	-91.9,	0.0,	1.2);
(-28.3,	-99.0,	0.0,	1.2);	(-35.4,	-106.1,	0.0,	1.2);
(113.1,	28.3,	0.0,	1.2);	(106.1,	21.2,	0.0,	1.2);
(99.0,	14.1,	0.0,	1.2);	(91.9,	7.1,	0.0,	1.2);
(84.8,	0.0,	0.0,	1.2);	(77.8,	-7.1,	0.0,	1.2);
(70.7,	-14.1,	0.0,	1.2);	(63.6,	-21.2,	0.0,	1.2);
(60.1,	-24.8,	0.0,	1.2);	(56.6,	-28.3,	0.0,	1.2);
(54.5,	-30.4,	0.0,	1.2);	(53.0,	-31.8,	0.0,	1.2);
(51.6,	-33.2,	0.0,	1.2);	(50.2,	-34.7,	0.0,	1.2);
(48.8,	-36.1,	0.0,	1.2);	(36.1,	-48.8,	0.0,	1.2);
(34.7,	-50.2,	0.0,	1.2);	(33.2,	-51.6,	0.0,	1.2);
(31.8,	-53.0,	0.0,	1.2);	(30.4,	-54.5,	0.0,	1.2);
(28.3,	-56.6,	0.0,	1.2);	(24.8,	-60.1,	0.0,	1.2);
(21.2,	-63.6,	0.0,	1.2);	(14.1,	-70.7,	0.0,	1.2);
(7.1,	-77.8,	0.0,	1.2);	(0.0,	-84.8,	0.0,	1.2);
(-7.1,	-91.9,	0.0,	1.2);	(-14.1,	-99.0,	0.0,	1.2);
(-21.2,	-106.1,	0.0,	1.2);	(-28.3,	-113.1,	0.0,	1.2);
(120.2,	21.2,	0.0,	1.2);	(113.1,	14.1,	0.0,	1.2);
(106.1,	7.1,	0.0,	1.2);	(99.0,	0.0,	0.0,	1.2);
(91.9,	-7.1,	0.0,	1.2);	(84.8,	-14.1,	0.0,	1.2);
(77.8,	-21.2,	0.0,	1.2);	(70.7,	-28.3,	0.0,	1.2);
(67.2,	-31.8,	0.0,	1.2);	(63.6,	-35.4,	0.0,	1.2);
(61.5,	-37.5,	0.0,	1.2);	(60.1,	-38.9,	0.0,	1.2);
(58.7,	-40.3,	0.0,	1.2);	(57.3,	-41.7,	0.0,	1.2);
(55.9,	-43.1,	0.0,	1.2);	(43.1,	-55.9,	0.0,	1.2);
(41.7,	-57.3,	0.0,	1.2);	(40.3,	-58.7,	0.0,	1.2);
(38.9,	-60.1,	0.0,	1.2);	(37.5,	-61.5,	0.0,	1.2);
(35.4,	-63.6,	0.0,	1.2);	(31.8,	-67.2,	0.0,	1.2);
(28.3,	-70.7,	0.0,	1.2);	(21.2,	-77.8,	0.0,	1.2);
(14.1,	-84.8,	0.0,	1.2);	(7.1,	-91.9,	0.0,	1.2);
(0.0,	-99.0,	0.0,	1.2);	(-7.1,	-106.1,	0.0,	1.2);
(-14.1,	-113.1,	0.0,	1.2);	(-21.2,	-120.2,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(127.3,	14.1,	0.0,	1.2);	(120.2,	7.1,	0.0,	1.2);
(113.1,	0.0,	0.0,	1.2);	(106.1,	-7.1,	0.0,	1.2);
(99.0,	-14.1,	0.0,	1.2);	(91.9,	-21.2,	0.0,	1.2);

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

(84.8, -28.3, 0.0, 1.2);	(77.8, -35.4, 0.0, 1.2);
(74.2, -38.9, 0.0, 1.2);	(70.7, -42.4, 0.0, 1.2);
(68.6, -44.5, 0.0, 1.2);	(67.2, -46.0, 0.0, 1.2);
(65.8, -47.4, 0.0, 1.2);	(64.3, -48.8, 0.0, 1.2);
(62.9, -50.2, 0.0, 1.2);	(50.2, -62.9, 0.0, 1.2);
(48.8, -64.3, 0.0, 1.2);	(47.4, -65.8, 0.0, 1.2);
(46.0, -67.2, 0.0, 1.2);	(44.5, -68.6, 0.0, 1.2);
(42.4, -70.7, 0.0, 1.2);	(38.9, -74.2, 0.0, 1.2);
(35.4, -77.8, 0.0, 1.2);	(28.3, -84.8, 0.0, 1.2);
(21.2, -91.9, 0.0, 1.2);	(14.1, -99.0, 0.0, 1.2);
(7.1, -106.1, 0.0, 1.2);	(0.0, -113.1, 0.0, 1.2);
(-7.1, -120.2, 0.0, 1.2);	(-14.1, -127.3, 0.0, 1.2);
(134.4, 7.1, 0.0, 1.2);	(127.3, 0.0, 0.0, 1.2);
(120.2, -7.1, 0.0, 1.2);	(113.1, -14.1, 0.0, 1.2);
(106.1, -21.2, 0.0, 1.2);	(99.0, -28.3, 0.0, 1.2);
(91.9, -35.4, 0.0, 1.2);	(84.8, -42.4, 0.0, 1.2);
(81.3, -46.0, 0.0, 1.2);	(77.8, -49.5, 0.0, 1.2);
(75.7, -51.6, 0.0, 1.2);	(74.2, -53.0, 0.0, 1.2);
(72.8, -54.5, 0.0, 1.2);	(71.4, -55.9, 0.0, 1.2);
(70.0, -57.3, 0.0, 1.2);	(57.3, -70.0, 0.0, 1.2);
(55.9, -71.4, 0.0, 1.2);	(54.5, -72.8, 0.0, 1.2);
(53.0, -74.2, 0.0, 1.2);	(51.6, -75.7, 0.0, 1.2);
(49.5, -77.8, 0.0, 1.2);	(46.0, -81.3, 0.0, 1.2);
(42.4, -84.8, 0.0, 1.2);	(35.4, -91.9, 0.0, 1.2);
(28.3, -99.0, 0.0, 1.2);	(21.2, -106.1, 0.0, 1.2);
(14.1, -113.1, 0.0, 1.2);	(7.1, -120.2, 0.0, 1.2);
(0.0, -127.3, 0.0, 1.2);	(-7.1, -134.4, 0.0, 1.2);
(141.4, 0.0, 0.0, 1.2);	(134.4, -7.1, 0.0, 1.2);
(127.3, -14.1, 0.0, 1.2);	(120.2, -21.2, 0.0, 1.2);
(113.1, -28.3, 0.0, 1.2);	(106.1, -35.4, 0.0, 1.2);
(99.0, -42.4, 0.0, 1.2);	(91.9, -49.5, 0.0, 1.2);
(88.4, -53.0, 0.0, 1.2);	(84.8, -56.6, 0.0, 1.2);
(82.7, -58.7, 0.0, 1.2);	(81.3, -60.1, 0.0, 1.2);
(79.9, -61.5, 0.0, 1.2);	(78.5, -62.9, 0.0, 1.2);
(77.1, -64.3, 0.0, 1.2);	(64.3, -77.1, 0.0, 1.2);
(62.9, -78.5, 0.0, 1.2);	(61.5, -79.9, 0.0, 1.2);
(60.1, -81.3, 0.0, 1.2);	(58.7, -82.7, 0.0, 1.2);
(56.6, -84.8, 0.0, 1.2);	(53.0, -88.4, 0.0, 1.2);
(49.5, -91.9, 0.0, 1.2);	(42.4, -99.0, 0.0, 1.2);
(35.4, -106.1, 0.0, 1.2);	(28.3, -113.1, 0.0, 1.2);
(21.2, -120.2, 0.0, 1.2);	(14.1, -127.3, 0.0, 1.2);
(7.1, -134.4, 0.0, 1.2);	(0.0, -141.4, 0.0, 1.2);

**MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(148.5, -7.1, 0.0, 1.2);	(141.4, -14.1, 0.0, 1.2);
(134.4, -21.2, 0.0, 1.2);	(127.3, -28.3, 0.0, 1.2);
(120.2, -35.4, 0.0, 1.2);	(113.1, -42.4, 0.0, 1.2);
(106.1, -49.5, 0.0, 1.2);	(99.0, -56.6, 0.0, 1.2);
(95.5, -60.1, 0.0, 1.2);	(91.9, -63.6, 0.0, 1.2);
(89.8, -65.8, 0.0, 1.2);	(88.4, -67.2, 0.0, 1.2);
(87.0, -68.6, 0.0, 1.2);	(85.6, -70.0, 0.0, 1.2);
(84.2, -71.4, 0.0, 1.2);	(71.4, -84.2, 0.0, 1.2);
(70.0, -85.6, 0.0, 1.2);	(68.6, -87.0, 0.0, 1.2);
(67.2, -88.4, 0.0, 1.2);	(65.8, -89.8, 0.0, 1.2);
(63.6, -91.9, 0.0, 1.2);	(60.1, -95.5, 0.0, 1.2);
(56.6, -99.0, 0.0, 1.2);	(49.5, -106.1, 0.0, 1.2);
(42.4, -113.1, 0.0, 1.2);	(35.4, -120.2, 0.0, 1.2);
(28.3, -127.3, 0.0, 1.2);	(21.2, -134.4, 0.0, 1.2);
(14.1, -141.4, 0.0, 1.2);	(7.1, -148.5, 0.0, 1.2);
(155.6, -14.1, 0.0, 1.2);	(148.5, -21.2, 0.0, 1.2);
(141.4, -28.3, 0.0, 1.2);	(134.4, -35.4, 0.0, 1.2);
(127.3, -42.4, 0.0, 1.2);	(120.2, -49.5, 0.0, 1.2);
(113.1, -56.6, 0.0, 1.2);	(106.1, -63.6, 0.0, 1.2);
(102.5, -67.2, 0.0, 1.2);	(99.0, -70.7, 0.0, 1.2);
(96.9, -72.8, 0.0, 1.2);	(95.5, -74.2, 0.0, 1.2);
(94.1, -75.7, 0.0, 1.2);	(92.6, -77.1, 0.0, 1.2);
(91.2, -78.5, 0.0, 1.2);	(78.5, -91.2, 0.0, 1.2);
(77.1, -92.6, 0.0, 1.2);	(75.7, -94.1, 0.0, 1.2);
(74.2, -95.5, 0.0, 1.2);	(72.8, -96.9, 0.0, 1.2);
(70.7, -99.0, 0.0, 1.2);	(67.2, -102.5, 0.0, 1.2);
(63.6, -106.1, 0.0, 1.2);	(56.6, -113.1, 0.0, 1.2);
(49.5, -120.2, 0.0, 1.2);	(42.4, -127.3, 0.0, 1.2);
(35.4, -134.4, 0.0, 1.2);	(28.3, -141.4, 0.0, 1.2);
(21.2, -148.5, 0.0, 1.2);	(14.1, -155.6, 0.0, 1.2);
(162.6, -21.2, 0.0, 1.2);	(155.6, -28.3, 0.0, 1.2);
(148.5, -35.4, 0.0, 1.2);	(141.4, -42.4, 0.0, 1.2);
(134.4, -49.5, 0.0, 1.2);	(127.3, -56.6, 0.0, 1.2);
(120.2, -63.6, 0.0, 1.2);	(113.1, -70.7, 0.0, 1.2);
(109.6, -74.2, 0.0, 1.2);	(106.1, -77.8, 0.0, 1.2);
(103.9, -79.9, 0.0, 1.2);	(102.5, -81.3, 0.0, 1.2);
(101.1, -82.7, 0.0, 1.2);	(99.7, -84.2, 0.0, 1.2);
(98.3, -85.6, 0.0, 1.2);	(85.6, -98.3, 0.0, 1.2);
(84.2, -99.7, 0.0, 1.2);	(82.7, -101.1, 0.0, 1.2);

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

(81.3,	-102.5,	0.0,	1.2);	(79.9,	-103.9,	0.0,	1.2);
(77.8,	-106.1,	0.0,	1.2);	(74.2,	-109.6,	0.0,	1.2);
(70.7,	-113.1,	0.0,	1.2);	(63.6,	-120.2,	0.0,	1.2);
(56.6,	-127.3,	0.0,	1.2);	(49.5,	-134.4,	0.0,	1.2);
(42.4,	-141.4,	0.0,	1.2);	(35.4,	-148.5,	0.0,	1.2);
(28.3,	-155.6,	0.0,	1.2);	(21.2,	-162.6,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(169.7,	-28.3,	0.0,	1.2);	(162.6,	-35.4,	0.0,	1.2);
(155.6,	-42.4,	0.0,	1.2);	(148.5,	-49.5,	0.0,	1.2);
(141.4,	-56.6,	0.0,	1.2);	(134.4,	-63.6,	0.0,	1.2);
(127.3,	-70.7,	0.0,	1.2);	(120.2,	-77.8,	0.0,	1.2);
(116.7,	-81.3,	0.0,	1.2);	(113.1,	-84.8,	0.0,	1.2);
(111.0,	-87.0,	0.0,	1.2);	(109.6,	-88.4,	0.0,	1.2);
(108.2,	-89.8,	0.0,	1.2);	(106.8,	-91.2,	0.0,	1.2);
(105.4,	-92.6,	0.0,	1.2);	(92.6,	-105.4,	0.0,	1.2);
(91.2,	-106.8,	0.0,	1.2);	(89.8,	-108.2,	0.0,	1.2);
(88.4,	-109.6,	0.0,	1.2);	(87.0,	-111.0,	0.0,	1.2);
(84.8,	-113.1,	0.0,	1.2);	(81.3,	-116.7,	0.0,	1.2);
(77.8,	-120.2,	0.0,	1.2);	(70.7,	-127.3,	0.0,	1.2);
(63.6,	-134.4,	0.0,	1.2);	(56.6,	-141.4,	0.0,	1.2);
(49.5,	-148.5,	0.0,	1.2);	(42.4,	-155.6,	0.0,	1.2);
(35.4,	-162.6,	0.0,	1.2);	(28.3,	-169.7,	0.0,	1.2);
(176.8,	-35.4,	0.0,	1.2);	(169.7,	-42.4,	0.0,	1.2);
(162.6,	-49.5,	0.0,	1.2);	(155.6,	-56.6,	0.0,	1.2);
(148.5,	-63.6,	0.0,	1.2);	(141.4,	-70.7,	0.0,	1.2);
(134.4,	-77.8,	0.0,	1.2);	(127.3,	-84.8,	0.0,	1.2);
(123.7,	-88.4,	0.0,	1.2);	(120.2,	-91.9,	0.0,	1.2);
(118.1,	-94.1,	0.0,	1.2);	(116.7,	-95.5,	0.0,	1.2);
(115.3,	-96.9,	0.0,	1.2);	(113.8,	-98.3,	0.0,	1.2);
(112.4,	-99.7,	0.0,	1.2);	(99.7,	-112.4,	0.0,	1.2);
(98.3,	-113.8,	0.0,	1.2);	(96.9,	-115.3,	0.0,	1.2);
(95.5,	-116.7,	0.0,	1.2);	(94.1,	-118.1,	0.0,	1.2);
(91.9,	-120.2,	0.0,	1.2);	(88.4,	-123.7,	0.0,	1.2);
(84.8,	-127.3,	0.0,	1.2);	(77.8,	-134.4,	0.0,	1.2);
(70.7,	-141.4,	0.0,	1.2);	(63.6,	-148.5,	0.0,	1.2);
(56.6,	-155.6,	0.0,	1.2);	(49.5,	-162.6,	0.0,	1.2);
(42.4,	-169.7,	0.0,	1.2);	(35.4,	-176.8,	0.0,	1.2);
(183.9,	-42.4,	0.0,	1.2);	(176.8,	-49.5,	0.0,	1.2);

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

(169.7,	-56.6,	0.0,	1.2);	(162.6,	-63.6,	0.0,	1.2);
(155.6,	-70.7,	0.0,	1.2);	(148.5,	-77.8,	0.0,	1.2);
(141.4,	-84.8,	0.0,	1.2);	(134.4,	-91.9,	0.0,	1.2);
(130.8,	-95.5,	0.0,	1.2);	(127.3,	-99.0,	0.0,	1.2);
(125.2,	-101.1,	0.0,	1.2);	(123.7,	-102.5,	0.0,	1.2);
(122.3,	-103.9,	0.0,	1.2);	(120.9,	-105.4,	0.0,	1.2);
(119.5,	-106.8,	0.0,	1.2);	(106.8,	-119.5,	0.0,	1.2);
(105.4,	-120.9,	0.0,	1.2);	(103.9,	-122.3,	0.0,	1.2);
(102.5,	-123.7,	0.0,	1.2);	(101.1,	-125.2,	0.0,	1.2);
(99.0,	-127.3,	0.0,	1.2);	(95.5,	-130.8,	0.0,	1.2);
(91.9,	-134.4,	0.0,	1.2);	(84.8,	-141.4,	0.0,	1.2);
(77.8,	-148.5,	0.0,	1.2);	(70.7,	-155.6,	0.0,	1.2);
(63.6,	-162.6,	0.0,	1.2);	(56.6,	-169.7,	0.0,	1.2);
(49.5,	-176.8,	0.0,	1.2);	(42.4,	-183.9,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(190.9,	-49.5,	0.0,	1.2);	(183.9,	-56.6,	0.0,	1.2);
(176.8,	-63.6,	0.0,	1.2);	(169.7,	-70.7,	0.0,	1.2);
(162.6,	-77.8,	0.0,	1.2);	(155.6,	-84.8,	0.0,	1.2);
(148.5,	-91.9,	0.0,	1.2);	(141.4,	-99.0,	0.0,	1.2);
(137.9,	-102.5,	0.0,	1.2);	(134.4,	-106.1,	0.0,	1.2);
(132.2,	-108.2,	0.0,	1.2);	(130.8,	-109.6,	0.0,	1.2);
(129.4,	-111.0,	0.0,	1.2);	(128.0,	-112.4,	0.0,	1.2);
(126.6,	-113.8,	0.0,	1.2);	(113.8,	-126.6,	0.0,	1.2);
(112.4,	-128.0,	0.0,	1.2);	(111.0,	-129.4,	0.0,	1.2);
(109.6,	-130.8,	0.0,	1.2);	(108.2,	-132.2,	0.0,	1.2);
(106.1,	-134.4,	0.0,	1.2);	(102.5,	-137.9,	0.0,	1.2);
(99.0,	-141.4,	0.0,	1.2);	(91.9,	-148.5,	0.0,	1.2);
(84.8,	-155.6,	0.0,	1.2);	(77.8,	-162.6,	0.0,	1.2);
(70.7,	-169.7,	0.0,	1.2);	(63.6,	-176.8,	0.0,	1.2);
(56.6,	-183.9,	0.0,	1.2);	(49.5,	-190.9,	0.0,	1.2);
(198.0,	-56.6,	0.0,	1.2);	(190.9,	-63.6,	0.0,	1.2);
(183.9,	-70.7,	0.0,	1.2);	(176.8,	-77.8,	0.0,	1.2);
(169.7,	-84.8,	0.0,	1.2);	(162.6,	-91.9,	0.0,	1.2);
(155.6,	-99.0,	0.0,	1.2);	(148.5,	-106.1,	0.0,	1.2);
(145.0,	-109.6,	0.0,	1.2);	(141.4,	-113.1,	0.0,	1.2);
(139.3,	-115.3,	0.0,	1.2);	(137.9,	-116.7,	0.0,	1.2);
(136.5,	-118.1,	0.0,	1.2);	(135.1,	-119.5,	0.0,	1.2);
(133.6,	-120.9,	0.0,	1.2);	(120.9,	-133.6,	0.0,	1.2);

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

(119.5, -135.1, 0.0, 1.2);	(118.1, -136.5, 0.0, 1.2);
(116.7, -137.9, 0.0, 1.2);	(115.3, -139.3, 0.0, 1.2);
(113.1, -141.4, 0.0, 1.2);	(109.6, -145.0, 0.0, 1.2);
(106.1, -148.5, 0.0, 1.2);	(99.0, -155.6, 0.0, 1.2);
(91.9, -162.6, 0.0, 1.2);	(84.8, -169.7, 0.0, 1.2);
(77.8, -176.8, 0.0, 1.2);	(70.7, -183.9, 0.0, 1.2);
(63.6, -190.9, 0.0, 1.2);	(56.6, -198.0, 0.0, 1.2);
(205.1, -63.6, 0.0, 1.2);	(198.0, -70.7, 0.0, 1.2);
(190.9, -77.8, 0.0, 1.2);	(183.9, -84.8, 0.0, 1.2);
(176.8, -91.9, 0.0, 1.2);	(169.7, -99.0, 0.0, 1.2);
(162.6, -106.1, 0.0, 1.2);	(155.6, -113.1, 0.0, 1.2);
(152.0, -116.7, 0.0, 1.2);	(148.5, -120.2, 0.0, 1.2);
(146.4, -122.3, 0.0, 1.2);	(145.0, -123.7, 0.0, 1.2);
(143.5, -125.2, 0.0, 1.2);	(142.1, -126.6, 0.0, 1.2);
(140.7, -128.0, 0.0, 1.2);	(128.0, -140.7, 0.0, 1.2);
(126.6, -142.1, 0.0, 1.2);	(125.2, -143.5, 0.0, 1.2);
(123.7, -145.0, 0.0, 1.2);	(122.3, -146.4, 0.0, 1.2);
(120.2, -148.5, 0.0, 1.2);	(116.7, -152.0, 0.0, 1.2);
(113.1, -155.6, 0.0, 1.2);	(106.1, -162.6, 0.0, 1.2);
(99.0, -169.7, 0.0, 1.2);	(91.9, -176.8, 0.0, 1.2);
(84.8, -183.9, 0.0, 1.2);	(77.8, -190.9, 0.0, 1.2);
(70.7, -198.0, 0.0, 1.2);	(63.6, -205.1, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(212.1, -70.7, 0.0, 1.2);	(205.1, -77.8, 0.0, 1.2);
(198.0, -84.8, 0.0, 1.2);	(190.9, -91.9, 0.0, 1.2);
(183.9, -99.0, 0.0, 1.2);	(176.8, -106.1, 0.0, 1.2);
(169.7, -113.1, 0.0, 1.2);	(162.6, -120.2, 0.0, 1.2);
(159.1, -123.7, 0.0, 1.2);	(155.6, -127.3, 0.0, 1.2);
(153.4, -129.4, 0.0, 1.2);	(152.0, -130.8, 0.0, 1.2);
(150.6, -132.2, 0.0, 1.2);	(149.2, -133.6, 0.0, 1.2);
(147.8, -135.1, 0.0, 1.2);	(135.1, -147.8, 0.0, 1.2);
(133.6, -149.2, 0.0, 1.2);	(132.2, -150.6, 0.0, 1.2);
(130.8, -152.0, 0.0, 1.2);	(129.4, -153.4, 0.0, 1.2);
(127.3, -155.6, 0.0, 1.2);	(123.7, -159.1, 0.0, 1.2);
(120.2, -162.6, 0.0, 1.2);	(113.1, -169.7, 0.0, 1.2);
(106.1, -176.8, 0.0, 1.2);	(99.0, -183.9, 0.0, 1.2);
(91.9, -190.9, 0.0, 1.2);	(84.8, -198.0, 0.0, 1.2);
(77.8, -205.1, 0.0, 1.2);	(70.7, -212.1, 0.0, 1.2);

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

(219.2, -77.8, 0.0, 1.2);	(212.1, -84.8, 0.0, 1.2);
(205.1, -91.9, 0.0, 1.2);	(198.0, -99.0, 0.0, 1.2);
(190.9, -106.1, 0.0, 1.2);	(183.9, -113.1, 0.0, 1.2);
(176.8, -120.2, 0.0, 1.2);	(169.7, -127.3, 0.0, 1.2);
(166.2, -130.8, 0.0, 1.2);	(162.6, -134.4, 0.0, 1.2);
(160.5, -136.5, 0.0, 1.2);	(159.1, -137.9, 0.0, 1.2);
(157.7, -139.3, 0.0, 1.2);	(156.3, -140.7, 0.0, 1.2);
(154.9, -142.1, 0.0, 1.2);	(142.1, -154.9, 0.0, 1.2);
(140.7, -156.3, 0.0, 1.2);	(139.3, -157.7, 0.0, 1.2);
(137.9, -159.1, 0.0, 1.2);	(136.5, -160.5, 0.0, 1.2);
(134.4, -162.6, 0.0, 1.2);	(130.8, -166.2, 0.0, 1.2);
(127.3, -169.7, 0.0, 1.2);	(120.2, -176.8, 0.0, 1.2);
(113.1, -183.9, 0.0, 1.2);	(106.1, -190.9, 0.0, 1.2);
(99.0, -198.0, 0.0, 1.2);	(91.9, -205.1, 0.0, 1.2);
(84.8, -212.1, 0.0, 1.2);	(77.8, -219.2, 0.0, 1.2);
(226.3, -84.8, 0.0, 1.2);	(219.2, -91.9, 0.0, 1.2);
(212.1, -99.0, 0.0, 1.2);	(205.1, -106.1, 0.0, 1.2);
(198.0, -113.1, 0.0, 1.2);	(190.9, -120.2, 0.0, 1.2);
(183.9, -127.3, 0.0, 1.2);	(176.8, -134.4, 0.0, 1.2);
(173.2, -137.9, 0.0, 1.2);	(169.7, -141.4, 0.0, 1.2);
(167.6, -143.5, 0.0, 1.2);	(166.2, -145.0, 0.0, 1.2);
(164.8, -146.4, 0.0, 1.2);	(163.3, -147.8, 0.0, 1.2);
(161.9, -149.2, 0.0, 1.2);	(149.2, -161.9, 0.0, 1.2);
(147.8, -163.3, 0.0, 1.2);	(146.4, -164.8, 0.0, 1.2);
(145.0, -166.2, 0.0, 1.2);	(143.5, -167.6, 0.0, 1.2);
(141.4, -169.7, 0.0, 1.2);	(137.9, -173.2, 0.0, 1.2);
(134.4, -176.8, 0.0, 1.2);	(127.3, -183.9, 0.0, 1.2);
(120.2, -190.9, 0.0, 1.2);	(113.1, -198.0, 0.0, 1.2);
(106.1, -205.1, 0.0, 1.2);	(99.0, -212.1, 0.0, 1.2);
(91.9, -219.2, 0.0, 1.2);	(84.8, -226.3, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(233.4, -91.9, 0.0, 1.2);	(226.3, -99.0, 0.0, 1.2);
(219.2, -106.1, 0.0, 1.2);	(212.1, -113.1, 0.0, 1.2);
(205.1, -120.2, 0.0, 1.2);	(198.0, -127.3, 0.0, 1.2);
(190.9, -134.4, 0.0, 1.2);	(183.9, -141.4, 0.0, 1.2);
(180.3, -145.0, 0.0, 1.2);	(176.8, -148.5, 0.0, 1.2);
(174.7, -150.6, 0.0, 1.2);	(173.2, -152.0, 0.0, 1.2);
(171.8, -153.4, 0.0, 1.2);	(170.4, -154.9, 0.0, 1.2);

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

(169.0,	-156.3,	0.0,	1.2);	(-156.3,	-169.0,	0.0,	1.2);
(154.9,	-170.4,	0.0,	1.2);	(153.4,	-171.8,	0.0,	1.2);
(152.0,	-173.2,	0.0,	1.2);	(150.6,	-174.7,	0.0,	1.2);
(148.5,	-176.8,	0.0,	1.2);	(145.0,	-180.3,	0.0,	1.2);
(141.4,	-183.9,	0.0,	1.2);	(134.4,	-190.9,	0.0,	1.2);
(127.3,	-198.0,	0.0,	1.2);	(120.2,	-205.1,	0.0,	1.2);
(113.1,	-212.1,	0.0,	1.2);	(106.1,	-219.2,	0.0,	1.2);
(99.0,	-226.3,	0.0,	1.2);	(91.9,	-233.4,	0.0,	1.2);
(240.4,	-99.0,	0.0,	1.2);	(233.4,	-106.1,	0.0,	1.2);
(226.3,	-113.1,	0.0,	1.2);	(219.2,	-120.2,	0.0,	1.2);
(212.1,	-127.3,	0.0,	1.2);	(205.1,	-134.4,	0.0,	1.2);
(198.0,	-141.4,	0.0,	1.2);	(190.9,	-148.5,	0.0,	1.2);
(187.4,	-152.0,	0.0,	1.2);	(183.9,	-155.6,	0.0,	1.2);
(181.7,	-157.7,	0.0,	1.2);	(180.3,	-159.1,	0.0,	1.2);
(178.9,	-160.5,	0.0,	1.2);	(177.5,	-161.9,	0.0,	1.2);
(176.1,	-163.3,	0.0,	1.2);	(163.3,	-176.1,	0.0,	1.2);
(161.9,	-177.5,	0.0,	1.2);	(160.5,	-178.9,	0.0,	1.2);
(159.1,	-180.3,	0.0,	1.2);	(157.7,	-181.7,	0.0,	1.2);
(155.6,	-183.9,	0.0,	1.2);	(152.0,	-187.4,	0.0,	1.2);
(148.5,	-190.9,	0.0,	1.2);	(141.4,	-198.0,	0.0,	1.2);
(134.4,	-205.1,	0.0,	1.2);	(127.3,	-212.1,	0.0,	1.2);
(120.2,	-219.2,	0.0,	1.2);	(113.1,	-226.3,	0.0,	1.2);
(106.1,	-233.4,	0.0,	1.2);	(99.0,	-240.4,	0.0,	1.2);
(247.5,	-106.1,	0.0,	1.2);	(240.4,	-113.1,	0.0,	1.2);
(233.4,	-120.2,	0.0,	1.2);	(226.3,	-127.3,	0.0,	1.2);
(219.2,	-134.4,	0.0,	1.2);	(212.1,	-141.4,	0.0,	1.2);
(205.1,	-148.5,	0.0,	1.2);	(198.0,	-155.6,	0.0,	1.2);
(194.4,	-159.1,	0.0,	1.2);	(190.9,	-162.6,	0.0,	1.2);
(188.8,	-164.8,	0.0,	1.2);	(187.4,	-166.2,	0.0,	1.2);
(186.0,	-167.6,	0.0,	1.2);	(184.6,	-169.0,	0.0,	1.2);
(183.1,	-170.4,	0.0,	1.2);	(170.4,	-183.1,	0.0,	1.2);
(169.0,	-184.6,	0.0,	1.2);	(167.6,	-186.0,	0.0,	1.2);
(166.2,	-187.4,	0.0,	1.2);	(164.8,	-188.8,	0.0,	1.2);
(162.6,	-190.9,	0.0,	1.2);	(159.1,	-194.4,	0.0,	1.2);
(155.6,	-198.0,	0.0,	1.2);	(148.5,	-205.1,	0.0,	1.2);
(141.4,	-212.1,	0.0,	1.2);	(134.4,	-219.2,	0.0,	1.2);
(127.3,	-226.3,	0.0,	1.2);	(120.2,	-233.4,	0.0,	1.2);
(113.1,	-240.4,	0.0,	1.2);	(106.1,	-247.5,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

19:03:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
01	01	01	01	206.0	1.12	276.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	02	207.9	1.00	276.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	03	224.0	1.00	275.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	04	222.0	1.39	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	05	196.3	1.21	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	06	199.2	1.00	275.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	07	233.1	1.00	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	08	172.6	1.25	274.7	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	09	185.7	1.16	275.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	10	163.4	1.00	278.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	11	356.7	1.00	282.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	12	31.6	1.21	286.2	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	13	25.2	1.21	289.0	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	14	317.4	2.06	290.9	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	15	278.4	2.15	291.0	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	16	58.6	2.19	290.0	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	17	44.9	1.61	287.6	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	18	335.9	1.07	284.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	19	278.7	1.07	282.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	20	266.8	1.00	280.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	21	229.7	1.12	278.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	22	224.0	1.12	277.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	23	204.9	1.21	276.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	24	220.0	1.16	276.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00005	-113.14	240.42	0.00005
-120.21	233.35	0.00005	-127.28	226.27	0.00004
-134.35	219.20	0.00004	-141.42	212.13	0.00004
-148.49	205.06	0.00004	-155.56	197.99	0.00004
-159.10	194.45	0.00004	-162.63	190.92	0.00004
-164.76	188.80	0.00004	-166.17	187.38	0.00004
-167.58	185.97	0.00004	-169.00	184.55	0.00004
-170.41	183.14	0.00004	-183.14	170.41	0.00004
-184.55	169.00	0.00004	-185.97	167.58	0.00004
-187.38	166.17	0.00004	-188.80	164.76	0.00004
-190.92	162.63	0.00004	-194.45	159.10	0.00004
-197.99	155.56	0.00004	-205.06	148.49	0.00004
-212.13	141.42	0.00004	-219.20	134.35	0.00004
-226.27	127.28	0.00004	-233.35	120.21	0.00004
-240.42	113.14	0.00004	-247.49	106.07	0.00004
-98.99	240.42	0.00005	-106.07	233.35	0.00005
-113.14	226.27	0.00005	-120.21	219.20	0.00005

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-127.28	212.13	0.00005	-134.35	205.06	0.00004
-141.42	197.99	0.00004	-148.49	190.92	0.00004
-152.03	187.38	0.00004	-155.56	183.85	0.00004
-157.68	181.73	0.00004	-159.10	180.31	0.00004
-160.51	178.90	0.00004	-161.93	177.48	0.00004
-163.34	176.07	0.00004	-176.07	163.34	0.00004
-177.48	161.93	0.00004	-178.90	160.51	0.00004
-180.31	159.10	0.00004	-181.73	157.68	0.00004
-183.85	155.56	0.00004	-187.38	152.03	0.00004
-190.92	148.49	0.00004	-197.99	141.42	0.00004
-205.06	134.35	0.00004	-212.13	127.28	0.00004
-219.20	120.21	0.00004	-226.27	113.14	0.00004
-233.35	106.07	0.00004	-240.42	98.99	0.00004
-91.92	233.35	0.00006	-99.00	226.27	0.00005
-106.07	219.20	0.00005	-113.14	212.13	0.00005
-120.21	205.06	0.00005	-127.28	197.99	0.00005
-134.35	190.92	0.00005	-141.42	183.85	0.00004
-144.96	180.31	0.00004	-148.49	176.78	0.00004
-150.61	174.66	0.00004	-152.03	173.24	0.00004
-153.44	171.83	0.00004	-154.86	170.41	0.00004
-156.27	169.00	0.00004	-169.00	156.27	0.00004
-170.41	154.86	0.00004	-171.83	153.44	0.00004
-173.24	152.03	0.00004	-174.66	150.61	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00004	-180.31	144.96	0.00004
-183.85	141.42	0.00004	-190.92	134.35	0.00004
-197.99	127.28	0.00004	-205.06	120.21	0.00004
-212.13	113.14	0.00004	-219.20	106.07	0.00004
-226.27	98.99	0.00004	-233.35	91.92	0.00004
-84.85	226.27	0.00006	-91.92	219.20	0.00006
-99.00	212.13	0.00005	-106.07	205.06	0.00005
-113.14	197.99	0.00005	-120.21	190.92	0.00005
-127.28	183.85	0.00005	-134.35	176.78	0.00005
-137.89	173.24	0.00005	-141.42	169.71	0.00005
-143.54	167.58	0.00005	-144.96	166.17	0.00005

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-146.37	164.76	0.00005	-147.79	163.34	0.00005
-149.20	161.93	0.00005	-161.93	149.20	0.00004
-163.34	147.79	0.00004	-164.76	146.37	0.00004
-166.17	144.96	0.00004	-167.58	143.54	0.00004
-169.71	141.42	0.00004	-173.24	137.89	0.00004
-176.78	134.35	0.00004	-183.85	127.28	0.00004
-190.92	120.21	0.00004	-197.99	113.14	0.00004
-205.06	106.07	0.00004	-212.13	98.99	0.00004
-219.20	91.92	0.00004	-226.27	84.85	0.00004
-77.78	219.20	0.00006	-84.85	212.13	0.00006
-91.92	205.06	0.00006	-99.00	197.99	0.00005
-106.07	190.92	0.00005	-113.14	183.85	0.00005
-120.21	176.78	0.00005	-127.28	169.71	0.00005
-130.81	166.17	0.00005	-134.35	162.63	0.00005
-136.47	160.51	0.00005	-137.89	159.10	0.00005
-139.30	157.68	0.00005	-140.71	156.27	0.00005
-142.13	154.86	0.00005	-154.86	142.13	0.00005
-156.27	140.71	0.00005	-157.68	139.30	0.00005
-159.10	137.89	0.00005	-160.51	136.47	0.00005
-162.63	134.35	0.00005	-166.17	130.81	0.00005
-169.71	127.28	0.00005	-176.78	120.21	0.00005
-183.85	113.14	0.00005	-190.92	106.07	0.00005
-197.99	98.99	0.00005	-205.06	91.92	0.00005
-212.13	84.85	0.00005	-219.20	77.78	0.00004
-70.71	212.13	0.00007	-77.78	205.06	0.00006
-84.85	197.99	0.00006	-91.92	190.92	0.00006
-98.99	183.85	0.00006	-106.07	176.78	0.00005
-113.14	169.71	0.00005	-120.21	162.63	0.00005
-123.74	159.10	0.00005	-127.28	155.56	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00005	-130.81	152.03	0.00005
-132.23	150.61	0.00005	-133.64	149.20	0.00005
-135.06	147.79	0.00005	-147.79	135.06	0.00005
-149.20	133.64	0.00005	-150.61	132.23	0.00005
-152.03	130.81	0.00005	-153.44	129.40	0.00005

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-155.56	127.28	0.00005	-159.10	123.74	0.00005
-162.63	120.21	0.00005	-169.71	113.14	0.00005
-176.78	106.07	0.00005	-183.85	98.99	0.00005
-190.92	91.92	0.00005	-197.99	84.85	0.00005
-205.06	77.78	0.00005	-212.13	70.71	0.00005
-63.64	205.06	0.00007	-70.71	197.99	0.00007
-77.78	190.92	0.00006	-84.85	183.85	0.00006
-91.92	176.78	0.00006	-98.99	169.71	0.00006
-106.07	162.63	0.00006	-113.14	155.56	0.00005
-116.67	152.03	0.00005	-120.21	148.49	0.00005
-122.33	146.37	0.00005	-123.74	144.96	0.00005
-125.16	143.54	0.00005	-126.57	142.13	0.00005
-127.99	140.71	0.00005	-140.71	127.99	0.00005
-142.13	126.57	0.00005	-143.54	125.16	0.00005
-144.96	123.74	0.00005	-146.37	122.33	0.00005
-148.49	120.21	0.00005	-152.03	116.67	0.00005
-155.56	113.14	0.00005	-162.63	106.07	0.00005
-169.71	98.99	0.00005	-176.78	91.92	0.00005
-183.85	84.85	0.00005	-190.92	77.78	0.00005
-197.99	70.71	0.00005	-205.06	63.64	0.00005
-56.57	197.99	0.00008	-63.64	190.92	0.00007
-70.71	183.85	0.00007	-77.78	176.78	0.00007
-84.85	169.71	0.00006	-91.92	162.63	0.00006
-98.99	155.56	0.00006	-106.07	148.49	0.00006
-109.60	144.96	0.00006	-113.14	141.42	0.00006
-115.26	139.30	0.00006	-116.67	137.89	0.00006
-118.09	136.47	0.00006	-119.50	135.06	0.00005
-120.92	133.64	0.00005	-133.64	120.92	0.00005
-135.06	119.50	0.00005	-136.47	118.09	0.00005
-137.89	116.67	0.00005	-139.30	115.26	0.00005
-141.42	113.14	0.00005	-144.96	109.60	0.00005
-148.49	106.07	0.00005	-155.56	98.99	0.00005
-162.63	91.92	0.00005	-169.71	84.85	0.00005
-176.78	77.78	0.00005	-183.85	70.71	0.00005
-190.92	63.64	0.00005	-197.99	56.57	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00008	-56.57	183.85	0.00008
-63.64	176.78	0.00007	-70.71	169.71	0.00007
-77.78	162.63	0.00007	-84.85	155.56	0.00006
-91.92	148.49	0.00006	-98.99	141.42	0.00006
-102.53	137.89	0.00006	-106.07	134.35	0.00006
-108.19	132.23	0.00006	-109.60	130.81	0.00006
-111.02	129.40	0.00006	-112.43	127.99	0.00006
-113.84	126.57	0.00006	-126.57	113.84	0.00006
-127.99	112.43	0.00006	-129.40	111.02	0.00006
-130.81	109.60	0.00006	-132.23	108.19	0.00006
-134.35	106.07	0.00006	-137.89	102.53	0.00006
-141.42	98.99	0.00006	-148.49	91.92	0.00006
-155.56	84.85	0.00006	-162.63	77.78	0.00006
-169.71	70.71	0.00006	-176.78	63.64	0.00005
-183.85	56.57	0.00005	-190.92	49.50	0.00005
-42.43	183.85	0.00009	-49.50	176.78	0.00008
-56.57	169.71	0.00008	-63.64	162.63	0.00007
-70.71	155.56	0.00007	-77.78	148.49	0.00007
-84.85	141.42	0.00007	-91.92	134.35	0.00006
-95.46	130.81	0.00006	-98.99	127.28	0.00006
-101.12	125.16	0.00006	-102.53	123.74	0.00006
-103.94	122.33	0.00006	-105.36	120.92	0.00006
-106.77	119.50	0.00006	-119.50	106.77	0.00006
-120.92	105.36	0.00006	-122.33	103.94	0.00006
-123.74	102.53	0.00006	-125.16	101.12	0.00006
-127.28	98.99	0.00006	-130.81	95.46	0.00006
-134.35	91.92	0.00006	-141.42	84.85	0.00006
-148.49	77.78	0.00006	-155.56	70.71	0.00006
-162.63	63.64	0.00006	-169.71	56.57	0.00006
-176.78	49.50	0.00006	-183.85	42.43	0.00006
-35.36	176.78	0.00010	-42.43	169.71	0.00009
-49.50	162.63	0.00008	-56.57	155.56	0.00008
-63.64	148.49	0.00008	-70.71	141.42	0.00007
-77.78	134.35	0.00007	-84.85	127.28	0.00007
-88.39	123.74	0.00007	-91.92	120.21	0.00007
-94.05	118.09	0.00007	-95.46	116.67	0.00007
-96.87	115.26	0.00006	-98.29	113.84	0.00006
-99.70	112.43	0.00006	-112.43	99.70	0.00006
-113.84	98.29	0.00006	-115.26	96.87	0.00006
-116.67	95.46	0.00006	-118.09	94.05	0.00006

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

19:03:36

**MODELOPTS:

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00006	-123.74	88.39	0.00006
-127.28	84.85	0.00006	-134.35	77.78	0.00006
-141.42	70.71	0.00006	-148.49	63.64	0.00006
-155.56	56.57	0.00006	-162.63	49.50	0.00006
-169.71	42.43	0.00006	-176.78	35.36	0.00006
-28.28	169.71	0.00011	-35.36	162.63	0.00010
-42.43	155.56	0.00009	-49.50	148.49	0.00009
-56.57	141.42	0.00008	-63.64	134.35	0.00008
-70.71	127.28	0.00007	-77.78	120.21	0.00007
-81.32	116.67	0.00007	-84.85	113.14	0.00007
-86.97	111.02	0.00007	-88.39	109.60	0.00007
-89.80	108.19	0.00007	-91.22	106.77	0.00007
-92.63	105.36	0.00007	-105.36	92.63	0.00007
-106.77	91.22	0.00007	-108.19	89.80	0.00007
-109.60	88.39	0.00007	-111.02	86.97	0.00007
-113.14	84.85	0.00007	-116.67	81.32	0.00007
-120.21	77.78	0.00007	-127.28	70.71	0.00007
-134.35	63.64	0.00007	-141.42	56.57	0.00007
-148.49	49.50	0.00006	-155.56	42.43	0.00006
-162.63	35.36	0.00006	-169.71	28.28	0.00006
-21.21	162.63	0.00012	-28.28	155.56	0.00011
-35.36	148.49	0.00010	-42.43	141.42	0.00009
-49.50	134.35	0.00009	-56.57	127.28	0.00008
-63.64	120.21	0.00008	-70.71	113.14	0.00008
-74.25	109.60	0.00008	-77.78	106.07	0.00007
-79.90	103.94	0.00007	-81.32	102.53	0.00007
-82.73	101.12	0.00007	-84.15	99.70	0.00007
-85.56	98.29	0.00007	-98.29	85.56	0.00007
-99.70	84.15	0.00007	-101.12	82.73	0.00007
-102.53	81.32	0.00007	-103.94	79.90	0.00007
-106.07	77.78	0.00007	-109.60	74.25	0.00007
-113.14	70.71	0.00007	-120.21	63.64	0.00007
-127.28	56.57	0.00007	-134.35	49.50	0.00007
-141.42	42.43	0.00007	-148.49	35.36	0.00007
-155.56	28.28	0.00007	-162.63	21.21	0.00006
-14.14	155.56	0.00013	-21.21	148.49	0.00012
-28.28	141.42	0.00011	-35.36	134.35	0.00010

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-61.52	79.90	0.00009	-62.93	78.49	0.00009
-64.35	77.07	0.00009	-77.07	64.35	0.00008
-78.49	62.93	0.00008	-79.90	61.52	0.00008
-81.32	60.10	0.00008	-82.73	58.69	0.00008
-84.85	56.57	0.00008	-88.39	53.03	0.00008
-91.92	49.50	0.00008	-98.99	42.43	0.00008
-106.07	35.36	0.00008	-113.14	28.28	0.00008
-120.21	21.21	0.00008	-127.28	14.14	0.00008
-134.35	7.07	0.00008	-141.42	0.00	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00017	0.00	127.28	0.00016
-7.07	120.21	0.00014	-14.14	113.14	0.00013
-21.21	106.07	0.00012	-28.28	98.99	0.00011
-35.36	91.92	0.00010	-42.43	84.85	0.00010
-45.96	81.32	0.00010	-49.50	77.78	0.00010
-51.62	75.66	0.00010	-53.03	74.25	0.00010
-54.45	72.83	0.00010	-55.86	71.42	0.00009
-57.28	70.00	0.00009	-70.00	57.28	0.00009
-71.42	55.86	0.00009	-72.83	54.45	0.00009
-74.25	53.03	0.00009	-75.66	51.62	0.00009
-77.78	49.50	0.00009	-81.32	45.96	0.00009
-84.85	42.43	0.00009	-91.92	35.36	0.00009
-98.99	28.28	0.00009	-106.07	21.21	0.00009
-113.14	14.14	0.00009	-120.21	7.07	0.00008
-127.28	0.00	0.00008	-134.35	-7.07	0.00008
14.14	127.28	0.00019	7.07	120.21	0.00018
0.00	113.14	0.00016	-7.07	106.07	0.00014
-14.14	98.99	0.00013	-21.21	91.92	0.00012
-28.28	84.85	0.00011	-35.36	77.78	0.00011
-38.89	74.25	0.00011	-42.43	70.71	0.00010
-44.55	68.59	0.00010	-45.96	67.18	0.00010
-47.38	65.76	0.00010	-48.79	64.35	0.00010
-50.20	62.93	0.00010	-62.93	50.20	0.00010
-64.35	48.79	0.00010	-65.76	47.38	0.00010
-67.18	45.96	0.00010	-68.59	44.55	0.00010

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	42.43	0.00010	-74.25	38.89	0.00010
-77.78	35.36	0.00010	-84.85	28.28	0.00010
-91.92	21.21	0.00010	-98.99	14.14	0.00009
-106.07	7.07	0.00009	-113.14	0.00	0.00009
-120.21	-7.07	0.00009	-127.28	-14.14	0.00009
21.21	120.21	0.00022	14.14	113.14	0.00020
7.07	106.07	0.00018	0.00	98.99	0.00016
-7.07	91.92	0.00014	-14.14	84.85	0.00013
-21.21	77.78	0.00012	-28.28	70.71	0.00012
-31.82	67.18	0.00011	-35.36	63.64	0.00011
-37.48	61.52	0.00011	-38.89	60.10	0.00011
-40.31	58.69	0.00011	-41.72	57.28	0.00011
-43.13	55.86	0.00011	-55.86	43.13	0.00010
-57.28	41.72	0.00010	-58.69	40.31	0.00010
-60.10	38.89	0.00010	-61.52	37.48	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00010	-67.18	31.82	0.00010
-70.71	28.28	0.00010	-77.78	21.21	0.00010
-84.85	14.14	0.00010	-91.92	7.07	0.00010
-98.99	0.00	0.00010	-106.07	-7.07	0.00010
-113.14	-14.14	0.00009	-120.21	-21.21	0.00009
28.28	113.14	0.00025	21.21	106.07	0.00022
14.14	98.99	0.00020	7.07	91.92	0.00018
0.00	84.85	0.00016	-7.07	77.78	0.00015
-14.14	70.71	0.00014	-21.21	63.64	0.00013
-24.75	60.10	0.00012	-28.28	56.57	0.00012
-30.41	54.45	0.00012	-31.82	53.03	0.00012
-33.23	51.62	0.00012	-34.65	50.20	0.00012
-36.06	48.79	0.00012	-48.79	36.06	0.00011
-50.20	34.65	0.00011	-51.62	33.23	0.00011
-53.03	31.82	0.00011	-54.45	30.41	0.00011
-56.57	28.28	0.00011	-60.10	24.75	0.00011
-63.64	21.21	0.00011	-70.71	14.14	0.00011
-77.78	7.07	0.00011	-84.85	0.00	0.00011
-91.92	-7.07	0.00011	-98.99	-14.14	0.00010

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	-21.21	0.00010	-113.14	-28.28	0.00010
35.36	106.07	0.00028	28.28	98.99	0.00025
21.21	91.92	0.00023	14.14	84.85	0.00020
7.07	77.78	0.00018	0.00	70.71	0.00016
-7.07	63.64	0.00015	-14.14	56.57	0.00014
-17.68	53.03	0.00014	-21.21	49.50	0.00013
-23.33	47.38	0.00013	-24.75	45.96	0.00013
-26.16	44.55	0.00013	-27.58	43.13	0.00013
-28.99	41.72	0.00013	-41.72	28.99	0.00012
-43.13	27.58	0.00012	-44.55	26.16	0.00012
-45.96	24.75	0.00012	-47.38	23.33	0.00012
-49.50	21.21	0.00012	-53.03	17.68	0.00012
-56.57	14.14	0.00012	-63.64	7.07	0.00012
-70.71	0.00	0.00012	-77.78	-7.07	0.00012
-84.85	-14.14	0.00011	-91.92	-21.21	0.00011
-98.99	-28.28	0.00011	-106.07	-35.36	0.00011
42.43	98.99	0.00032	35.36	91.92	0.00029
28.28	84.85	0.00026	21.21	77.78	0.00023
14.14	70.71	0.00020	7.07	63.64	0.00018
0.00	56.57	0.00016	-7.07	49.50	0.00015
-10.61	45.96	0.00015	-14.14	42.43	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36

**MODELOPTs:

PAGE 31

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00014	-17.68	38.89	0.00014
-19.09	37.48	0.00014	-20.51	36.06	0.00014
-21.92	34.65	0.00014	-34.65	21.92	0.00013
-36.06	20.51	0.00013	-37.48	19.09	0.00013
-38.89	17.68	0.00013	-40.31	16.26	0.00013
-42.43	14.14	0.00013	-45.96	10.61	0.00013
-49.50	7.07	0.00013	-56.57	0.00	0.00013
-63.64	-7.07	0.00013	-70.71	-14.14	0.00013
-77.78	-21.21	0.00012	-84.85	-28.28	0.00012
-91.92	-35.36	0.00012	-98.99	-42.43	0.00011
49.50	91.92	0.00036	42.43	84.85	0.00033
35.36	77.78	0.00030	28.28	70.71	0.00026
21.21	63.64	0.00023	14.14	56.57	0.00020

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

7.07	49.50	0.00018	0.00	42.43	0.00017
-3.54	38.89	0.00016	-7.07	35.36	0.00016
-9.19	33.23	0.00016	-10.61	31.82	0.00016
-12.02	30.41	0.00015	-13.44	28.99	0.00015
-14.85	27.58	0.00015	-27.58	14.85	0.00014
-28.99	13.44	0.00014	-30.41	12.02	0.00014
-31.82	10.61	0.00014	-33.23	9.19	0.00014
-35.36	7.07	0.00014	-38.89	3.54	0.00014
-42.43	0.00	0.00014	-49.50	-7.07	0.00014
-56.57	-14.14	0.00014	-63.64	-21.21	0.00014
-70.71	-28.28	0.00013	-77.78	-35.36	0.00013
-84.85	-42.43	0.00013	-91.92	-49.50	0.00012
56.57	84.85	0.00041	49.50	77.78	0.00038
42.43	70.71	0.00034	35.36	63.64	0.00030
28.28	56.57	0.00026	21.21	49.50	0.00023
14.14	42.43	0.00021	7.07	35.36	0.00019
3.54	31.82	0.00018	0.00	28.28	0.00018
-2.12	26.16	0.00017	-3.54	24.75	0.00017
-4.95	23.33	0.00017	-6.36	21.92	0.00017
-7.78	20.51	0.00017	-20.51	7.78	0.00016
-21.92	6.36	0.00016	-23.33	4.95	0.00016
-24.75	3.54	0.00016	-26.16	2.12	0.00016
-28.28	0.00	0.00016	-31.82	-3.54	0.00016
-35.36	-7.07	0.00016	-42.43	-14.14	0.00016
-49.50	-21.21	0.00015	-56.57	-28.28	0.00015
-63.64	-35.36	0.00014	-70.71	-42.43	0.00014
-77.78	-49.50	0.00014	-84.85	-56.57	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
 PAGE 32
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00048	56.57	70.71	0.00044
49.50	63.64	0.00040	42.43	56.57	0.00035
35.36	49.50	0.00031	28.28	42.43	0.00027
21.21	35.36	0.00023	14.14	28.28	0.00021
10.61	24.75	0.00020	7.07	21.21	0.00019
4.95	19.09	0.00019	3.54	17.68	0.00019
2.12	16.26	0.00019	0.71	14.85	0.00019

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-0.71	13.44	0.00018	-13.44	0.71	0.00017
-14.85	-0.71	0.00017	-16.26	-2.12	0.00017
-17.68	-3.54	0.00017	-19.09	-4.95	0.00017
-21.21	-7.07	0.00017	-24.75	-10.61	0.00017
-28.28	-14.14	0.00017	-35.36	-21.21	0.00017
-42.43	-28.28	0.00017	-49.50	-35.36	0.00016
-56.57	-42.43	0.00016	-63.64	-49.50	0.00015
-70.71	-56.57	0.00015	-77.78	-63.64	0.00015
70.71	70.71	0.00055	63.64	63.64	0.00051
56.57	56.57	0.00047	49.50	49.50	0.00041
42.43	42.43	0.00036	35.36	35.36	0.00031
28.28	28.28	0.00027	21.21	21.21	0.00024
17.68	17.68	0.00023	14.14	14.14	0.00022
12.02	12.02	0.00021	10.61	10.61	0.00021
9.19	9.19	0.00021	7.78	7.78	0.00021
6.36	6.36	0.00020	-6.36	-6.36	0.00019
-7.78	-7.78	0.00019	-9.19	-9.19	0.00019
-10.61	-10.61	0.00019	-12.02	-12.02	0.00019
-14.14	-14.14	0.00019	-17.68	-17.68	0.00019
-21.21	-21.21	0.00019	-28.28	-28.28	0.00019
-35.36	-35.36	0.00018	-42.43	-42.43	0.00018
-49.50	-49.50	0.00017	-56.57	-56.57	0.00017
-63.64	-63.64	0.00017	-70.71	-70.71	0.00016
77.78	63.64	0.00063	70.71	56.57	0.00060
63.64	49.50	0.00055	56.57	42.43	0.00049
49.50	35.36	0.00043	42.43	28.28	0.00036
35.36	21.21	0.00031	28.28	14.14	0.00027
24.75	10.61	0.00026	21.21	7.07	0.00024
19.09	4.95	0.00024	17.68	3.54	0.00024
16.26	2.12	0.00023	14.85	0.71	0.00023
13.44	-0.71	0.00023	0.71	-13.44	0.00021
-0.71	-14.85	0.00021	-2.12	-16.26	0.00021
-3.54	-17.68	0.00021	-4.95	-19.09	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00021	-10.61	-24.75	0.00021

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-14.14	-28.28	0.00021	-21.21	-35.36	0.00021
-28.28	-42.43	0.00020	-35.36	-49.50	0.00019
-42.43	-56.57	0.00019	-49.50	-63.64	0.00019
-56.57	-70.71	0.00018	-63.64	-77.78	0.00018
84.85	56.57	0.00072	77.78	49.50	0.00069
70.71	42.43	0.00065	63.64	35.36	0.00059
56.57	28.28	0.00051	49.50	21.21	0.00043
42.43	14.14	0.00036	35.36	7.07	0.00031
31.82	3.54	0.00029	28.28	0.00	0.00028
26.16	-2.12	0.00027	24.75	-3.54	0.00027
23.33	-4.95	0.00026	21.92	-6.36	0.00026
20.51	-7.78	0.00026	7.78	-20.51	0.00024
6.36	-21.92	0.00024	4.95	-23.33	0.00024
3.54	-24.75	0.00024	2.12	-26.16	0.00024
0.00	-28.28	0.00024	-3.54	-31.82	0.00024
-7.07	-35.36	0.00023	-14.14	-42.43	0.00023
-21.21	-49.50	0.00022	-28.28	-56.57	0.00021
-35.36	-63.64	0.00021	-42.43	-70.71	0.00021
-49.50	-77.78	0.00021	-56.57	-84.85	0.00021
91.92	49.50	0.00082	84.85	42.43	0.00081
77.78	35.36	0.00077	70.71	28.28	0.00071
63.64	21.21	0.00062	56.57	14.14	0.00053
49.50	7.07	0.00044	42.43	0.00	0.00037
38.89	-3.54	0.00034	35.36	-7.07	0.00032
33.23	-9.19	0.00031	31.82	-10.61	0.00030
30.41	-12.02	0.00030	28.99	-13.44	0.00029
27.58	-14.85	0.00029	14.85	-27.58	0.00027
13.44	-28.99	0.00027	12.02	-30.41	0.00027
10.61	-31.82	0.00027	9.19	-33.23	0.00027
7.07	-35.36	0.00027	3.54	-38.89	0.00027
0.00	-42.43	0.00026	-7.07	-49.50	0.00025
-14.14	-56.57	0.00025	-21.21	-63.64	0.00024
-28.28	-70.71	0.00023	-35.36	-77.78	0.00023
-42.43	-84.85	0.00023	-49.50	-91.92	0.00023
98.99	42.43	0.00092	91.92	35.36	0.00093
84.85	28.28	0.00091	77.78	21.21	0.00085
70.71	14.14	0.00076	63.64	7.07	0.00065
56.57	0.00	0.00053	49.50	-7.07	0.00044
45.96	-10.61	0.00040	42.43	-14.14	0.00037

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00036	38.89	-17.68	0.00035
37.48	-19.09	0.00034	36.06	-20.51	0.00034
34.65	-21.92	0.00033	21.92	-34.65	0.00030
20.51	-36.06	0.00030	19.09	-37.48	0.00030
17.68	-38.89	0.00030	16.26	-40.31	0.00030
14.14	-42.43	0.00030	10.61	-45.96	0.00030
7.07	-49.50	0.00030	0.00	-56.57	0.00029
-7.07	-63.64	0.00028	-14.14	-70.71	0.00027
-21.21	-77.78	0.00027	-28.28	-84.85	0.00026
-35.36	-91.92	0.00027	-42.43	-98.99	0.00026
106.07	35.36	0.00102	98.99	28.28	0.00106
91.92	21.21	0.00107	84.85	14.14	0.00103
77.78	7.07	0.00094	70.71	0.00	0.00081
63.64	-7.07	0.00067	56.57	-14.14	0.00053
53.03	-17.68	0.00048	49.50	-21.21	0.00044
47.38	-23.33	0.00042	45.96	-24.75	0.00041
44.55	-26.16	0.00040	43.13	-27.58	0.00039
41.72	-28.99	0.00038	28.99	-41.72	0.00035
27.58	-43.13	0.00035	26.16	-44.55	0.00035
24.75	-45.96	0.00035	23.33	-47.38	0.00035
21.21	-49.50	0.00035	17.68	-53.03	0.00034
14.14	-56.57	0.00034	7.07	-63.64	0.00032
0.00	-70.71	0.00031	-7.07	-77.78	0.00031
-14.14	-84.85	0.00031	-21.21	-91.92	0.00031
-28.28	-98.99	0.00030	-35.36	-106.07	0.00030
113.14	28.28	0.00111	106.07	21.21	0.00119
98.99	14.14	0.00123	91.92	7.07	0.00123
84.85	0.00	0.00117	77.78	-7.07	0.00104
70.71	-14.14	0.00086	63.64	-21.21	0.00067
60.10	-24.75	0.00059	56.57	-28.28	0.00053
54.45	-30.41	0.00050	53.03	-31.82	0.00049
51.62	-33.23	0.00047	50.20	-34.65	0.00046
48.79	-36.06	0.00045	36.06	-48.79	0.00040
34.65	-50.20	0.00040	33.23	-51.62	0.00040
31.82	-53.03	0.00040	30.41	-54.45	0.00040
28.28	-56.57	0.00040	24.75	-60.10	0.00039
21.21	-63.64	0.00038	14.14	-70.71	0.00037
7.07	-77.78	0.00036	0.00	-84.85	0.00036
-7.07	-91.92	0.00036	-14.14	-98.99	0.00035

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-21.21 -106.07 0.00035 -28.28 -113.14 0.00035

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00120	113.14	14.14	0.00131
106.07	7.07	0.00140	98.99	0.00	0.00145
91.92	-7.07	0.00144	84.85	-14.14	0.00133
77.78	-21.21	0.00112	70.71	-28.28	0.00087
67.18	-31.82	0.00076	63.64	-35.36	0.00066
61.52	-37.48	0.00062	60.10	-38.89	0.00059
58.69	-40.31	0.00057	57.28	-41.72	0.00055
55.86	-43.13	0.00053	43.13	-55.86	0.00047
41.72	-57.28	0.00047	40.31	-58.69	0.00047
38.89	-60.10	0.00047	37.48	-61.52	0.00046
35.36	-63.64	0.00046	31.82	-67.18	0.00045
28.28	-70.71	0.00044	21.21	-77.78	0.00043
14.14	-84.85	0.00042	7.07	-91.92	0.00042
0.00	-98.99	0.00042	-7.07	-106.07	0.00042
-14.14	-113.14	0.00042	-21.21	-120.21	0.00041
127.28	14.14	0.00128	120.21	7.07	0.00143
113.14	0.00	0.00157	106.07	-7.07	0.00168
98.99	-14.14	0.00174	91.92	-21.21	0.00169
84.85	-28.28	0.00150	77.78	-35.36	0.00118
74.25	-38.89	0.00101	70.71	-42.43	0.00086
68.59	-44.55	0.00079	67.18	-45.96	0.00074
65.76	-47.38	0.00070	64.35	-48.79	0.00067
62.93	-50.20	0.00065	50.20	-62.93	0.00055
48.79	-64.35	0.00055	47.38	-65.76	0.00055
45.96	-67.18	0.00055	44.55	-68.59	0.00054
42.43	-70.71	0.00054	38.89	-74.25	0.00053
35.36	-77.78	0.00052	28.28	-84.85	0.00050
21.21	-91.92	0.00050	14.14	-98.99	0.00050
7.07	-106.07	0.00050	0.00	-113.14	0.00050
-7.07	-120.21	0.00049	-14.14	-127.28	0.00049
134.35	7.07	0.00135	127.28	0.00	0.00153
120.21	-7.07	0.00172	113.14	-14.14	0.00190
106.07	-21.21	0.00205	98.99	-28.28	0.00211

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

91.92	-35.36	0.00200	84.85	-42.43	0.00166
81.32	-45.96	0.00142	77.78	-49.50	0.00118
75.66	-51.62	0.00105	74.25	-53.03	0.00098
72.83	-54.45	0.00091	71.42	-55.86	0.00085
70.00	-57.28	0.00081	57.28	-70.00	0.00066
55.86	-71.42	0.00065	54.45	-72.83	0.00065
53.03	-74.25	0.00065	51.62	-75.66	0.00064

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
 PAGE 36

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00063	45.96	-81.32	0.00062
42.43	-84.85	0.00061	35.36	-91.92	0.00061
28.28	-98.99	0.00061	21.21	-106.07	0.00061
14.14	-113.14	0.00061	7.07	-120.21	0.00061
0.00	-127.28	0.00060	-7.07	-134.35	0.00058
141.42	0.00	0.00138	134.35	-7.07	0.00160
127.28	-14.14	0.00184	120.21	-21.21	0.00210
113.14	-28.28	0.00234	106.07	-35.36	0.00254
98.99	-42.43	0.00260	91.92	-49.50	0.00236
88.39	-53.03	0.00209	84.85	-56.57	0.00174
82.73	-58.69	0.00152	81.32	-60.10	0.00138
79.90	-61.52	0.00126	78.49	-62.93	0.00115
77.07	-64.35	0.00106	64.35	-77.07	0.00079
62.93	-78.49	0.00078	61.52	-79.90	0.00078
60.10	-81.32	0.00077	58.69	-82.73	0.00077
56.57	-84.85	0.00076	53.03	-88.39	0.00075
49.50	-91.92	0.00075	42.43	-98.99	0.00076
35.36	-106.07	0.00076	28.28	-113.14	0.00077
21.21	-120.21	0.00076	14.14	-127.28	0.00075
7.07	-134.35	0.00073	0.00	-141.42	0.00070
148.49	-7.07	0.00140	141.42	-14.14	0.00164
134.35	-21.21	0.00193	127.28	-28.28	0.00226
120.21	-35.36	0.00260	113.14	-42.43	0.00294
106.07	-49.50	0.00321	98.99	-56.57	0.00325
95.46	-60.10	0.00308	91.92	-63.64	0.00271
89.80	-65.76	0.00239	88.39	-67.18	0.00216
86.97	-68.59	0.00193	85.56	-70.00	0.00171

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

84.15	-71.42	0.00151	71.42	-84.15	0.00096
70.00	-85.56	0.00095	68.59	-86.97	0.00094
67.18	-88.39	0.00094	65.76	-89.80	0.00093
63.64	-91.92	0.00093	60.10	-95.46	0.00094
56.57	-98.99	0.00095	49.50	-106.07	0.00098
42.43	-113.14	0.00099	35.36	-120.21	0.00099
28.28	-127.28	0.00097	21.21	-134.35	0.00094
14.14	-141.42	0.00089	7.07	-148.49	0.00084
155.56	-14.14	0.00138	148.49	-21.21	0.00165
141.42	-28.28	0.00197	134.35	-35.36	0.00235
127.28	-42.43	0.00279	120.21	-49.50	0.00327
113.14	-56.57	0.00376	106.07	-63.64	0.00414
102.53	-67.18	0.00422	98.99	-70.71	0.00410

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00388	95.46	-74.25	0.00364
94.05	-75.66	0.00332	92.63	-77.07	0.00294
91.22	-78.49	0.00254	78.49	-91.22	0.00119
77.07	-92.63	0.00118	75.66	-94.05	0.00118
74.25	-95.46	0.00119	72.83	-96.87	0.00120
70.71	-98.99	0.00122	67.18	-102.53	0.00126
63.64	-106.07	0.00129	56.57	-113.14	0.00134
49.50	-120.21	0.00133	42.43	-127.28	0.00129
35.36	-134.35	0.00123	28.28	-141.42	0.00115
21.21	-148.49	0.00107	14.14	-155.56	0.00099
162.63	-21.21	0.00135	155.56	-28.28	0.00162
148.49	-35.36	0.00196	141.42	-42.43	0.00238
134.35	-49.50	0.00289	127.28	-56.57	0.00349
120.21	-63.64	0.00415	113.14	-70.71	0.00482
109.60	-74.25	0.00514	106.07	-77.78	0.00538
103.94	-79.90	0.00544	102.53	-81.32	0.00541
101.12	-82.73	0.00534	99.70	-84.15	0.00516
98.29	-85.56	0.00481	85.56	-98.29	0.00167
84.15	-99.70	0.00171	82.73	-101.12	0.00174
81.32	-102.53	0.00177	79.90	-103.94	0.00179
77.78	-106.07	0.00183	74.25	-109.60	0.00186

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

70.71	-113.14	0.00187	63.64	-120.21	0.00184
56.57	-127.28	0.00175	49.50	-134.35	0.00163
42.43	-141.42	0.00150	35.36	-148.49	0.00137
28.28	-155.56	0.00124	21.21	-162.63	0.00113
169.71	-28.28	0.00129	162.63	-35.36	0.00156
155.56	-42.43	0.00190	148.49	-49.50	0.00234
141.42	-56.57	0.00290	134.35	-63.64	0.00358
127.28	-70.71	0.00436	120.21	-77.78	0.00521
116.67	-81.32	0.00565	113.14	-84.85	0.00604
111.02	-86.97	0.00621	109.60	-88.39	0.00628
108.19	-89.80	0.00631	106.77	-91.22	0.00636
105.36	-92.63	0.00632	92.63	-105.36	0.00311
91.22	-106.77	0.00296	89.80	-108.19	0.00285
88.39	-109.60	0.00278	86.97	-111.02	0.00272
84.85	-113.14	0.00266	81.32	-116.67	0.00258
77.78	-120.21	0.00250	70.71	-127.28	0.00234
63.64	-134.35	0.00214	56.57	-141.42	0.00194
49.50	-148.49	0.00174	42.43	-155.56	0.00156
35.36	-162.63	0.00140	28.28	-169.71	0.00126

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
 PAGE 38
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00122	169.71	-42.43	0.00147
162.63	-49.50	0.00180	155.56	-56.57	0.00223
148.49	-63.64	0.00280	141.42	-70.71	0.00352
134.35	-77.78	0.00438	127.28	-84.85	0.00534
123.74	-88.39	0.00582	120.21	-91.92	0.00626
118.09	-94.05	0.00645	116.67	-95.46	0.00653
115.26	-96.87	0.00656	113.84	-98.29	0.00657
112.43	-99.70	0.00653	99.70	-112.43	0.00389
98.29	-113.84	0.00377	96.87	-115.26	0.00367
95.46	-116.67	0.00358	94.05	-118.09	0.00350
91.92	-120.21	0.00339	88.39	-123.74	0.00323
84.85	-127.28	0.00309	77.78	-134.35	0.00280
70.71	-141.42	0.00251	63.64	-148.49	0.00223
56.57	-155.56	0.00197	49.50	-162.63	0.00175
42.43	-169.71	0.00155	35.36	-176.78	0.00137

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

183.85	-42.43	0.00112	176.78	-49.50	0.00135
169.71	-56.57	0.00165	162.63	-63.64	0.00205
155.56	-70.71	0.00260	148.49	-77.78	0.00332
141.42	-84.85	0.00424	134.35	-91.92	0.00530
130.81	-95.46	0.00581	127.28	-98.99	0.00628
125.16	-101.12	0.00649	123.74	-102.53	0.00658
122.33	-103.94	0.00661	120.92	-105.36	0.00660
119.50	-106.77	0.00657	106.77	-119.50	0.00416
105.36	-120.92	0.00409	103.94	-122.33	0.00404
102.53	-123.74	0.00399	101.12	-125.16	0.00394
98.99	-127.28	0.00386	95.46	-130.81	0.00371
91.92	-134.35	0.00355	84.85	-141.42	0.00320
77.78	-148.49	0.00284	70.71	-155.56	0.00249
63.64	-162.63	0.00218	56.57	-169.71	0.00190
49.50	-176.78	0.00167	42.43	-183.85	0.00147
190.92	-49.50	0.00101	183.85	-56.57	0.00121
176.78	-63.64	0.00148	169.71	-70.71	0.00184
162.63	-77.78	0.00233	155.56	-84.85	0.00302
148.49	-91.92	0.00394	141.42	-98.99	0.00507
137.89	-102.53	0.00565	134.35	-106.07	0.00615
132.23	-108.19	0.00639	130.81	-109.60	0.00651
129.40	-111.02	0.00657	127.99	-112.43	0.00657
126.57	-113.84	0.00654	113.84	-126.57	0.00425
112.43	-127.99	0.00420	111.02	-129.40	0.00418
109.60	-130.81	0.00415	108.19	-132.23	0.00413

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00409	102.53	-137.89	0.00399
98.99	-141.42	0.00385	91.92	-148.49	0.00349
84.85	-155.56	0.00308	77.78	-162.63	0.00269
70.71	-169.71	0.00233	63.64	-176.78	0.00203
56.57	-183.85	0.00176	49.50	-190.92	0.00154
197.99	-56.57	0.00089	190.92	-63.64	0.00107
183.85	-70.71	0.00130	176.78	-77.78	0.00160
169.71	-84.85	0.00203	162.63	-91.92	0.00262
155.56	-98.99	0.00348	148.49	-106.07	0.00464

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

144.96	-109.60	0.00529	141.42	-113.14	0.00589
139.30	-115.26	0.00617	137.89	-116.67	0.00632
136.47	-118.09	0.00641	135.06	-119.50	0.00644
133.64	-120.92	0.00643	120.92	-133.64	0.00426
119.50	-135.06	0.00422	118.09	-136.47	0.00420
116.67	-137.89	0.00419	115.26	-139.30	0.00418
113.14	-141.42	0.00417	109.60	-144.96	0.00410
106.07	-148.49	0.00399	98.99	-155.56	0.00364
91.92	-162.63	0.00322	84.85	-169.71	0.00281
77.78	-176.78	0.00243	70.71	-183.85	0.00210
63.64	-190.92	0.00182	56.57	-197.99	0.00158
205.06	-63.64	0.00078	197.99	-70.71	0.00093
190.92	-77.78	0.00111	183.85	-84.85	0.00136
176.78	-91.92	0.00170	169.71	-98.99	0.00218
162.63	-106.07	0.00288	155.56	-113.14	0.00395
152.03	-116.67	0.00464	148.49	-120.21	0.00536
146.37	-122.33	0.00574	144.96	-123.74	0.00595
143.54	-125.16	0.00610	142.13	-126.57	0.00618
140.71	-127.99	0.00620	127.99	-140.71	0.00420
126.57	-142.13	0.00417	125.16	-143.54	0.00416
123.74	-144.96	0.00415	122.33	-146.37	0.00415
120.21	-148.49	0.00414	116.67	-152.03	0.00410
113.14	-155.56	0.00400	106.07	-162.63	0.00367
98.99	-169.71	0.00325	91.92	-176.78	0.00283
84.85	-183.85	0.00244	77.78	-190.92	0.00210
70.71	-197.99	0.00181	63.64	-205.06	0.00157
212.13	-70.71	0.00068	205.06	-77.78	0.00079
197.99	-84.85	0.00094	190.92	-91.92	0.00113
183.85	-98.99	0.00138	176.78	-106.07	0.00173
169.71	-113.14	0.00224	162.63	-120.21	0.00305
159.10	-123.74	0.00365	155.56	-127.28	0.00440

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00488	152.03	-130.81	0.00518
150.61	-132.23	0.00544	149.20	-133.64	0.00564
147.79	-135.06	0.00577	135.06	-147.79	0.00408

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-149.20	0.00405	132.23	-150.61	0.00404
130.81	-152.03	0.00404	129.40	-153.44	0.00404
127.28	-155.56	0.00403	123.74	-159.10	0.00398
120.21	-162.63	0.00388	113.14	-169.71	0.00356
106.07	-176.78	0.00315	98.99	-183.85	0.00274
91.92	-190.92	0.00236	84.85	-197.99	0.00203
77.78	-205.06	0.00176	70.71	-212.13	0.00152
219.20	-77.78	0.00058	212.13	-84.85	0.00067
205.06	-91.92	0.00078	197.99	-98.99	0.00092
190.92	-106.07	0.00109	183.85	-113.14	0.00132
176.78	-120.21	0.00164	169.71	-127.28	0.00213
166.17	-130.81	0.00249	162.63	-134.35	0.00300
160.51	-136.47	0.00340	159.10	-137.89	0.00371
157.68	-139.30	0.00405	156.27	-140.71	0.00441
154.86	-142.13	0.00474	142.13	-154.86	0.00388
140.71	-156.27	0.00384	139.30	-157.68	0.00382
137.89	-159.10	0.00381	136.47	-160.51	0.00380
134.35	-162.63	0.00377	130.81	-166.17	0.00370
127.28	-169.71	0.00358	120.21	-176.78	0.00327
113.14	-183.85	0.00290	106.07	-190.92	0.00253
98.99	-197.99	0.00220	91.92	-205.06	0.00191
84.85	-212.13	0.00166	77.78	-219.20	0.00145
226.27	-84.85	0.00049	219.20	-91.92	0.00056
212.13	-98.99	0.00064	205.06	-106.07	0.00074
197.99	-113.14	0.00085	190.92	-120.21	0.00099
183.85	-127.28	0.00116	176.78	-134.35	0.00138
173.24	-137.89	0.00153	169.71	-141.42	0.00170
167.58	-143.54	0.00182	166.17	-144.96	0.00192
164.76	-146.37	0.00205	163.34	-147.79	0.00221
161.93	-149.20	0.00246	149.20	-161.93	0.00340
147.79	-163.34	0.00332	146.37	-164.76	0.00327
144.96	-166.17	0.00324	143.54	-167.58	0.00321
141.42	-169.71	0.00317	137.89	-173.24	0.00310
134.35	-176.78	0.00302	127.28	-183.85	0.00280
120.21	-190.92	0.00253	113.14	-197.99	0.00225
106.07	-205.06	0.00199	98.99	-212.13	0.00175
91.92	-219.20	0.00154	84.85	-226.27	0.00136

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC		
233.35	-91.92	0.00042	226.27	-98.99	0.00046		
219.20	-106.07	0.00052	212.13	-113.14	0.00058		
205.06	-120.21	0.00065	197.99	-127.28	0.00073		
190.92	-134.35	0.00081	183.85	-141.42	0.00090		
180.31	-144.96	0.00094	176.78	-148.49	0.00097		
174.66	-150.61	0.00098	173.24	-152.03	0.00099		
171.83	-153.44	0.00100	170.41	-154.86	0.00101		
169.00	-156.27	0.00102	156.27	-169.00	0.00194		
154.86	-170.41	0.00205	153.44	-171.83	0.00214		
152.03	-173.24	0.00221	150.61	-174.66	0.00227		
148.49	-176.78	0.00233	144.96	-180.31	0.00238		
141.42	-183.85	0.00238	134.35	-190.92	0.00231		
127.28	-197.99	0.00215	120.21	-205.06	0.00196		
113.14	-212.13	0.00177	106.07	-219.20	0.00158		
98.99	-226.27	0.00141	91.92	-233.35	0.00126		
240.42	-98.99	0.00035	233.35	-106.07	0.00039		
226.27	-113.14	0.00042	219.20	-120.21	0.00046		
212.13	-127.28	0.00051	205.06	-134.35	0.00055		
197.99	-141.42	0.00060	190.92	-148.49	0.00063		
187.38	-152.03	0.00065	183.85	-155.56	0.00066		
181.73	-157.68	0.00067	180.31	-159.10	0.00068		
178.90	-160.51	0.00069	177.48	-161.93	0.00071		
176.07	-163.34	0.00073	163.34	-176.07	0.00111		
161.93	-177.48	0.00119	160.51	-178.90	0.00128		
159.10	-180.31	0.00137	157.68	-181.73	0.00145		
155.56	-183.85	0.00156	152.03	-187.38	0.00170		
148.49	-190.92	0.00177	141.42	-197.99	0.00182		
134.35	-205.06	0.00177	127.28	-212.13	0.00167		
120.21	-219.20	0.00154	113.14	-226.27	0.00140		
106.07	-233.35	0.00127	98.99	-240.42	0.00115		
247.49	-106.07	0.00030	240.42	-113.14	0.00033		
233.35	-120.21	0.00035	226.27	-127.28	0.00038		
219.20	-134.35	0.00041	212.13	-141.42	0.00043		
205.06	-148.49	0.00046	197.99	-155.56	0.00048		
194.45	-159.10	0.00048	190.92	-162.63	0.00050		
188.80	-164.76	0.00052	187.38	-166.17	0.00053		
185.97	-167.58	0.00055	184.55	-169.00	0.00057		
183.14	-170.41	0.00059	170.41	-183.14	0.00078		
169.00	-184.55	0.00082	167.58	-185.97	0.00086		
166.17	-187.38	0.00090	164.76	-188.80	0.00095		

04/20/08

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00104	159.10	-194.45	0.00116
155.56	-197.99	0.00127	148.49	-205.06	0.00139
141.42	-212.13	0.00141	134.35	-219.20	0.00137
127.28	-226.27	0.00131	120.21	-233.35	0.00122
113.14	-240.42	0.00113	106.07	-247.49	0.00104

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00009	-113.14	240.42	0.00008
-120.21	233.35	0.00008	-127.28	226.27	0.00007
-134.35	219.20	0.00007	-141.42	212.13	0.00007
-148.49	205.06	0.00007	-155.56	197.99	0.00006
-159.10	194.45	0.00006	-162.63	190.92	0.00006
-164.76	188.80	0.00006	-166.17	187.38	0.00006
-167.58	185.97	0.00006	-169.00	184.55	0.00006
-170.41	183.14	0.00006	-183.14	170.41	0.00006
-184.55	169.00	0.00006	-185.97	167.58	0.00006
-187.38	166.17	0.00006	-188.80	164.76	0.00006
-190.92	162.63	0.00006	-194.45	159.10	0.00006
-197.99	155.56	0.00006	-205.06	148.49	0.00006
-212.13	141.42	0.00006	-219.20	134.35	0.00006
-226.27	127.28	0.00006	-233.35	120.21	0.00006
-240.42	113.14	0.00006	-247.49	106.07	0.00006
-98.99	240.42	0.00010	-106.07	233.35	0.00009
-113.14	226.27	0.00008	-120.21	219.20	0.00008
-127.28	212.13	0.00008	-134.35	205.06	0.00007
-141.42	197.99	0.00007	-148.49	190.92	0.00007
-152.03	187.38	0.00007	-155.56	183.85	0.00007

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-157.68	181.73	0.00007	-159.10	180.31	0.00007
-160.51	178.90	0.00006	-161.93	177.48	0.00006
-163.34	176.07	0.00006	-176.07	163.34	0.00006
-177.48	161.93	0.00006	-178.90	160.51	0.00006
-180.31	159.10	0.00006	-181.73	157.68	0.00006
-183.85	155.56	0.00006	-187.38	152.03	0.00006
-190.92	148.49	0.00006	-197.99	141.42	0.00006
-205.06	134.35	0.00006	-212.13	127.28	0.00006
-219.20	120.21	0.00006	-226.27	113.14	0.00006
-233.35	106.07	0.00006	-240.42	98.99	0.00006
-91.92	233.35	0.00011	-99.00	226.27	0.00010
-106.07	219.20	0.00009	-113.14	212.13	0.00009
-120.21	205.06	0.00008	-127.28	197.99	0.00008
-134.35	190.92	0.00007	-141.42	183.85	0.00007
-144.96	180.31	0.00007	-148.49	176.78	0.00007
-150.61	174.66	0.00007	-152.03	173.24	0.00007
-153.44	171.83	0.00007	-154.86	170.41	0.00007
-156.27	169.00	0.00007	-169.00	156.27	0.00007
-170.41	154.86	0.00007	-171.83	153.44	0.00007
-173.24	152.03	0.00007	-174.66	150.61	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00007	-180.31	144.96	0.00007
-183.85	141.42	0.00007	-190.92	134.35	0.00007
-197.99	127.28	0.00007	-205.06	120.21	0.00007
-212.13	113.14	0.00006	-219.20	106.07	0.00006
-226.27	98.99	0.00006	-233.35	91.92	0.00006
-84.85	226.27	0.00012	-91.92	219.20	0.00011
-99.00	212.13	0.00010	-106.07	205.06	0.00009
-113.14	197.99	0.00009	-120.21	190.92	0.00008
-127.28	183.85	0.00008	-134.35	176.78	0.00008
-137.89	173.24	0.00008	-141.42	169.71	0.00007
-143.54	167.58	0.00007	-144.96	166.17	0.00007
-146.37	164.76	0.00007	-147.79	163.34	0.00007
-149.20	161.93	0.00007	-161.93	149.20	0.00007
-163.34	147.79	0.00007	-164.76	146.37	0.00007

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-166.17	144.96	0.00007	-167.58	143.54	0.00007
-169.71	141.42	0.00007	-173.24	137.89	0.00007
-176.78	134.35	0.00007	-183.85	127.28	0.00007
-190.92	120.21	0.00007	-197.99	113.14	0.00007
-205.06	106.07	0.00007	-212.13	98.99	0.00007
-219.20	91.92	0.00007	-226.27	84.85	0.00006
-77.78	219.20	0.00013	-84.85	212.13	0.00012
-91.92	205.06	0.00011	-99.00	197.99	0.00010
-106.07	190.92	0.00009	-113.14	183.85	0.00009
-120.21	176.78	0.00008	-127.28	169.71	0.00008
-130.81	166.17	0.00008	-134.35	162.63	0.00008
-136.47	160.51	0.00008	-137.89	159.10	0.00008
-139.30	157.68	0.00008	-140.71	156.27	0.00008
-142.13	154.86	0.00008	-154.86	142.13	0.00007
-156.27	140.71	0.00007	-157.68	139.30	0.00007
-159.10	137.89	0.00007	-160.51	136.47	0.00007
-162.63	134.35	0.00007	-166.17	130.81	0.00007
-169.71	127.28	0.00007	-176.78	120.21	0.00007
-183.85	113.14	0.00007	-190.92	106.07	0.00007
-197.99	98.99	0.00007	-205.06	91.92	0.00007
-212.13	84.85	0.00007	-219.20	77.78	0.00007
-70.71	212.13	0.00014	-77.78	205.06	0.00013
-84.85	197.99	0.00012	-91.92	190.92	0.00011
-98.99	183.85	0.00010	-106.07	176.78	0.00009
-113.14	169.71	0.00009	-120.21	162.63	0.00009
-123.74	159.10	0.00009	-127.28	155.56	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00008	-130.81	152.03	0.00008
-132.23	150.61	0.00008	-133.64	149.20	0.00008
-135.06	147.79	0.00008	-147.79	135.06	0.00008
-149.20	133.64	0.00008	-150.61	132.23	0.00008
-152.03	130.81	0.00008	-153.44	129.40	0.00008
-155.56	127.28	0.00008	-159.10	123.74	0.00008
-162.63	120.21	0.00008	-169.71	113.14	0.00008
-176.78	106.07	0.00008	-183.85	98.99	0.00008

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	91.92	0.00008	-197.99	84.85	0.00008
-205.06	77.78	0.00007	-212.13	70.71	0.00007
-63.64	205.06	0.00016	-70.71	197.99	0.00014
-77.78	190.92	0.00013	-84.85	183.85	0.00012
-91.92	176.78	0.00011	-98.99	169.71	0.00010
-106.07	162.63	0.00010	-113.14	155.56	0.00009
-116.67	152.03	0.00009	-120.21	148.49	0.00009
-122.33	146.37	0.00009	-123.74	144.96	0.00009
-125.16	143.54	0.00009	-126.57	142.13	0.00009
-127.99	140.71	0.00009	-140.71	127.99	0.00008
-142.13	126.57	0.00008	-143.54	125.16	0.00008
-144.96	123.74	0.00008	-146.37	122.33	0.00008
-148.49	120.21	0.00008	-152.03	116.67	0.00008
-155.56	113.14	0.00008	-162.63	106.07	0.00008
-169.71	98.99	0.00008	-176.78	91.92	0.00008
-183.85	84.85	0.00008	-190.92	77.78	0.00008
-197.99	70.71	0.00008	-205.06	63.64	0.00008
-56.57	197.99	0.00017	-63.64	190.92	0.00016
-70.71	183.85	0.00014	-77.78	176.78	0.00013
-84.85	169.71	0.00012	-91.92	162.63	0.00011
-98.99	155.56	0.00010	-106.07	148.49	0.00010
-109.60	144.96	0.00010	-113.14	141.42	0.00010
-115.26	139.30	0.00010	-116.67	137.89	0.00010
-118.09	136.47	0.00010	-119.50	135.06	0.00009
-120.92	133.64	0.00009	-133.64	120.92	0.00009
-135.06	119.50	0.00009	-136.47	118.09	0.00009
-137.89	116.67	0.00009	-139.30	115.26	0.00009
-141.42	113.14	0.00009	-144.96	109.60	0.00009
-148.49	106.07	0.00009	-155.56	98.99	0.00009
-162.63	91.92	0.00009	-169.71	84.85	0.00009
-176.78	77.78	0.00009	-183.85	70.71	0.00008
-190.92	63.64	0.00008	-197.99	56.57	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00019	-56.57	183.85	0.00018
-63.64	176.78	0.00016	-70.71	169.71	0.00014

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	162.63	0.00013	-84.85	155.56	0.00012
-91.92	148.49	0.00011	-98.99	141.42	0.00011
-102.53	137.89	0.00011	-106.07	134.35	0.00010
-108.19	132.23	0.00010	-109.60	130.81	0.00010
-111.02	129.40	0.00010	-112.43	127.99	0.00010
-113.84	126.57	0.00010	-126.57	113.84	0.00010
-127.99	112.43	0.00010	-129.40	111.02	0.00010
-130.81	109.60	0.00010	-132.23	108.19	0.00010
-134.35	106.07	0.00010	-137.89	102.53	0.00010
-141.42	98.99	0.00010	-148.49	91.92	0.00010
-155.56	84.85	0.00010	-162.63	77.78	0.00009
-169.71	70.71	0.00009	-176.78	63.64	0.00009
-183.85	56.57	0.00009	-190.92	49.50	0.00009
-42.43	183.85	0.00022	-49.50	176.78	0.00020
-56.57	169.71	0.00018	-63.64	162.63	0.00016
-70.71	155.56	0.00014	-77.78	148.49	0.00013
-84.85	141.42	0.00012	-91.92	134.35	0.00012
-95.46	130.81	0.00011	-98.99	127.28	0.00011
-101.12	125.16	0.00011	-102.53	123.74	0.00011
-103.94	122.33	0.00011	-105.36	120.92	0.00011
-106.77	119.50	0.00011	-119.50	106.77	0.00010
-120.92	105.36	0.00010	-122.33	103.94	0.00010
-123.74	102.53	0.00010	-125.16	101.12	0.00010
-127.28	98.99	0.00010	-130.81	95.46	0.00010
-134.35	91.92	0.00010	-141.42	84.85	0.00010
-148.49	77.78	0.00010	-155.56	70.71	0.00010
-162.63	63.64	0.00010	-169.71	56.57	0.00010
-176.78	49.50	0.00009	-183.85	42.43	0.00009
-35.36	176.78	0.00025	-42.43	169.71	0.00022
-49.50	162.63	0.00020	-56.57	155.56	0.00018
-63.64	148.49	0.00016	-70.71	141.42	0.00015
-77.78	134.35	0.00014	-84.85	127.28	0.00013
-88.39	123.74	0.00012	-91.92	120.21	0.00012
-94.05	118.09	0.00012	-95.46	116.67	0.00012
-96.87	115.26	0.00012	-98.29	113.84	0.00012
-99.70	112.43	0.00012	-112.43	99.70	0.00011
-113.84	98.29	0.00011	-115.26	96.87	0.00011
-116.67	95.46	0.00011	-118.09	94.05	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00011	-123.74	88.39	0.00011
-127.28	84.85	0.00011	-134.35	77.78	0.00011
-141.42	70.71	0.00011	-148.49	63.64	0.00011
-155.56	56.57	0.00011	-162.63	49.50	0.00010
-169.71	42.43	0.00010	-176.78	35.36	0.00010
-28.28	169.71	0.00028	-35.36	162.63	0.00025
-42.43	155.56	0.00023	-49.50	148.49	0.00020
-56.57	141.42	0.00018	-63.64	134.35	0.00016
-70.71	127.28	0.00015	-77.78	120.21	0.00014
-81.32	116.67	0.00014	-84.85	113.14	0.00013
-86.97	111.02	0.00013	-88.39	109.60	0.00013
-89.80	108.19	0.00013	-91.22	106.77	0.00013
-92.63	105.36	0.00013	-105.36	92.63	0.00012
-106.77	91.22	0.00012	-108.19	89.80	0.00012
-109.60	88.39	0.00012	-111.02	86.97	0.00012
-113.14	84.85	0.00012	-116.67	81.32	0.00012
-120.21	77.78	0.00012	-127.28	70.71	0.00012
-134.35	63.64	0.00012	-141.42	56.57	0.00012
-148.49	49.50	0.00011	-155.56	42.43	0.00011
-162.63	35.36	0.00011	-169.71	28.28	0.00011
-21.21	162.63	0.00032	-28.28	155.56	0.00029
-35.36	148.49	0.00026	-42.43	141.42	0.00023
-49.50	134.35	0.00020	-56.57	127.28	0.00018
-63.64	120.21	0.00016	-70.71	113.14	0.00015
-74.25	109.60	0.00015	-77.78	106.07	0.00014
-79.90	103.94	0.00014	-81.32	102.53	0.00014
-82.73	101.12	0.00014	-84.15	99.70	0.00014
-85.56	98.29	0.00014	-98.29	85.56	0.00013
-99.70	84.15	0.00013	-101.12	82.73	0.00013
-102.53	81.32	0.00013	-103.94	79.90	0.00013
-106.07	77.78	0.00013	-109.60	74.25	0.00013
-113.14	70.71	0.00013	-120.21	63.64	0.00013
-127.28	56.57	0.00013	-134.35	49.50	0.00013
-141.42	42.43	0.00012	-148.49	35.36	0.00012
-155.56	28.28	0.00012	-162.63	21.21	0.00011
-14.14	155.56	0.00036	-21.21	148.49	0.00033
-28.28	141.42	0.00030	-35.36	134.35	0.00026
-42.43	127.28	0.00023	-49.50	120.21	0.00020
-56.57	113.14	0.00018	-63.64	106.07	0.00017
-67.18	102.53	0.00016	-70.71	98.99	0.00016

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

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**MODELOPTs:

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*** Maximum train overlap at SE/NW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00016	-74.25	95.46	0.00016
-75.66	94.05	0.00015	-77.07	92.63	0.00015
-78.49	91.22	0.00015	-91.22	78.49	0.00014
-92.63	77.07	0.00014	-94.05	75.66	0.00014
-95.46	74.25	0.00014	-96.87	72.83	0.00014
-98.99	70.71	0.00014	-102.53	67.18	0.00014
-106.07	63.64	0.00014	-113.14	56.57	0.00014
-120.21	49.50	0.00014	-127.28	42.43	0.00014
-134.35	35.36	0.00013	-141.42	28.28	0.00013
-148.49	21.21	0.00013	-155.56	14.14	0.00012
-7.07	148.49	0.00041	-14.14	141.42	0.00038
-21.21	134.35	0.00034	-28.28	127.28	0.00030
-35.36	120.21	0.00026	-42.43	113.14	0.00023
-49.50	106.07	0.00021	-56.57	98.99	0.00019
-60.10	95.46	0.00018	-63.64	91.92	0.00018
-65.76	89.80	0.00017	-67.18	88.39	0.00017
-68.59	86.97	0.00017	-70.00	85.56	0.00017
-71.42	84.15	0.00017	-84.15	71.42	0.00016
-85.56	70.00	0.00016	-86.97	68.59	0.00016
-88.39	67.18	0.00016	-89.80	65.76	0.00016
-91.92	63.64	0.00016	-95.46	60.10	0.00016
-98.99	56.57	0.00016	-106.07	49.50	0.00016
-113.14	42.43	0.00015	-120.21	35.36	0.00015
-127.28	28.28	0.00014	-134.35	21.21	0.00014
-141.42	14.14	0.00014	-148.49	7.07	0.00014
0.00	141.42	0.00048	-7.07	134.35	0.00044
-14.14	127.28	0.00040	-21.21	120.21	0.00035
-28.28	113.14	0.00031	-35.36	106.07	0.00027
-42.43	98.99	0.00023	-49.50	91.92	0.00021
-53.03	88.39	0.00020	-56.57	84.85	0.00019
-58.69	82.73	0.00019	-60.10	81.32	0.00019
-61.52	79.90	0.00019	-62.93	78.49	0.00019
-64.35	77.07	0.00018	-77.07	64.35	0.00017
-78.49	62.93	0.00017	-79.90	61.52	0.00017

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-81.32	60.10	0.00017	-82.73	58.69	0.00017
-84.85	56.57	0.00017	-88.39	53.03	0.00017
-91.92	49.50	0.00017	-98.99	42.43	0.00017
-106.07	35.36	0.00017	-113.14	28.28	0.00016
-120.21	21.21	0.00016	-127.28	14.14	0.00015
-134.35	7.07	0.00015	-141.42	0.00	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00055	0.00	127.28	0.00051
-7.07	120.21	0.00047	-14.14	113.14	0.00041
-21.21	106.07	0.00036	-28.28	98.99	0.00031
-35.36	91.92	0.00027	-42.43	84.85	0.00024
-45.96	81.32	0.00023	-49.50	77.78	0.00022
-51.62	75.66	0.00021	-53.03	74.25	0.00021
-54.45	72.83	0.00021	-55.86	71.42	0.00021
-57.28	70.00	0.00020	-70.00	57.28	0.00019
-71.42	55.86	0.00019	-72.83	54.45	0.00019
-74.25	53.03	0.00019	-75.66	51.62	0.00019
-77.78	49.50	0.00019	-81.32	45.96	0.00019
-84.85	42.43	0.00019	-91.92	35.36	0.00019
-98.99	28.28	0.00018	-106.07	21.21	0.00018
-113.14	14.14	0.00017	-120.21	7.07	0.00017
-127.28	0.00	0.00017	-134.35	-7.07	0.00016
14.14	127.28	0.00063	7.07	120.21	0.00060
0.00	113.14	0.00055	-7.07	106.07	0.00049
-14.14	98.99	0.00043	-21.21	91.92	0.00036
-28.28	84.85	0.00031	-35.36	77.78	0.00027
-38.89	74.25	0.00026	-42.43	70.71	0.00024
-44.55	68.59	0.00024	-45.96	67.18	0.00024
-47.38	65.76	0.00023	-48.79	64.35	0.00023
-50.20	62.93	0.00023	-62.93	50.20	0.00021
-64.35	48.79	0.00021	-65.76	47.38	0.00021
-67.18	45.96	0.00021	-68.59	44.55	0.00021
-70.71	42.43	0.00021	-74.25	38.89	0.00021
-77.78	35.36	0.00021	-84.85	28.28	0.00021
-91.92	21.21	0.00020	-98.99	14.14	0.00019

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	7.07	0.00019	-113.14	0.00	0.00019
-120.21	-7.07	0.00018	-127.28	-14.14	0.00018
21.21	120.21	0.00072	14.14	113.14	0.00069
7.07	106.07	0.00065	0.00	98.99	0.00059
-7.07	91.92	0.00051	-14.14	84.85	0.00043
-21.21	77.78	0.00036	-28.28	70.71	0.00031
-31.82	67.18	0.00029	-35.36	63.64	0.00028
-37.48	61.52	0.00027	-38.89	60.10	0.00027
-40.31	58.69	0.00026	-41.72	57.28	0.00026
-43.13	55.86	0.00026	-55.86	43.13	0.00024
-57.28	41.72	0.00024	-58.69	40.31	0.00024
-60.10	38.89	0.00024	-61.52	37.48	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00024	-67.18	31.82	0.00024
-70.71	28.28	0.00023	-77.78	21.21	0.00023
-84.85	14.14	0.00022	-91.92	7.07	0.00021
-98.99	0.00	0.00021	-106.07	-7.07	0.00021
-113.14	-14.14	0.00021	-120.21	-21.21	0.00021
28.28	113.14	0.00082	21.21	106.07	0.00081
14.14	98.99	0.00077	7.07	91.92	0.00071
0.00	84.85	0.00062	-7.07	77.78	0.00053
-14.14	70.71	0.00044	-21.21	63.64	0.00037
-24.75	60.10	0.00034	-28.28	56.57	0.00032
-30.41	54.45	0.00031	-31.82	53.03	0.00030
-33.23	51.62	0.00030	-34.65	50.20	0.00029
-36.06	48.79	0.00029	-48.79	36.06	0.00027
-50.20	34.65	0.00027	-51.62	33.23	0.00027
-53.03	31.82	0.00027	-54.45	30.41	0.00027
-56.57	28.28	0.00027	-60.10	24.75	0.00027
-63.64	21.21	0.00026	-70.71	14.14	0.00025
-77.78	7.07	0.00025	-84.85	0.00	0.00024
-91.92	-7.07	0.00023	-98.99	-14.14	0.00023
-106.07	-21.21	0.00023	-113.14	-28.28	0.00023
35.36	106.07	0.00092	28.28	98.99	0.00093
21.21	91.92	0.00091	14.14	84.85	0.00085

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

7.07	77.78	0.00076	0.00	70.71	0.00065
-7.07	63.64	0.00053	-14.14	56.57	0.00044
-17.68	53.03	0.00040	-21.21	49.50	0.00037
-23.33	47.38	0.00036	-24.75	45.96	0.00035
-26.16	44.55	0.00034	-27.58	43.13	0.00034
-28.99	41.72	0.00033	-41.72	28.99	0.00030
-43.13	27.58	0.00030	-44.55	26.16	0.00030
-45.96	24.75	0.00030	-47.38	23.33	0.00030
-49.50	21.21	0.00030	-53.03	17.68	0.00030
-56.57	14.14	0.00030	-63.64	7.07	0.00029
-70.71	0.00	0.00028	-77.78	-7.07	0.00027
-84.85	-14.14	0.00027	-91.92	-21.21	0.00026
-98.99	-28.28	0.00027	-106.07	-35.36	0.00026
42.43	98.99	0.00102	35.36	91.92	0.00106
28.28	84.85	0.00107	21.21	77.78	0.00103
14.14	70.71	0.00094	7.07	63.64	0.00081
0.00	56.57	0.00067	-7.07	49.50	0.00053
-10.61	45.96	0.00048	-14.14	42.43	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00042	-17.68	38.89	0.00041
-19.09	37.48	0.00040	-20.51	36.06	0.00039
-21.92	34.65	0.00038	-34.65	21.92	0.00035
-36.06	20.51	0.00035	-37.48	19.09	0.00035
-38.89	17.68	0.00035	-40.31	16.26	0.00035
-42.43	14.14	0.00035	-45.96	10.61	0.00034
-49.50	7.07	0.00034	-56.57	0.00	0.00032
-63.64	-7.07	0.00031	-70.71	-14.14	0.00031
-77.78	-21.21	0.00031	-84.85	-28.28	0.00031
-91.92	-35.36	0.00030	-98.99	-42.43	0.00030
49.50	91.92	0.00111	42.43	84.85	0.00119
35.36	77.78	0.00123	28.28	70.71	0.00123
21.21	63.64	0.00117	14.14	56.57	0.00104
7.07	49.50	0.00086	0.00	42.43	0.00067
-3.54	38.89	0.00059	-7.07	35.36	0.00053
-9.19	33.23	0.00050	-10.61	31.82	0.00049

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-12.02	30.41	0.00047	-13.44	28.99	0.00046
-14.85	27.58	0.00045	-27.58	14.85	0.00040
-28.99	13.44	0.00040	-30.41	12.02	0.00040
-31.82	10.61	0.00040	-33.23	9.19	0.00040
-35.36	7.07	0.00040	-38.89	3.54	0.00039
-42.43	0.00	0.00038	-49.50	-7.07	0.00037
-56.57	-14.14	0.00036	-63.64	-21.21	0.00036
-70.71	-28.28	0.00036	-77.78	-35.36	0.00036
-84.85	-42.43	0.00035	-91.92	-49.50	0.00035
56.57	84.85	0.00120	49.50	77.78	0.00131
42.43	70.71	0.00140	35.36	63.64	0.00145
28.28	56.57	0.00144	21.21	49.50	0.00133
14.14	42.43	0.00112	7.07	35.36	0.00087
3.54	31.82	0.00076	0.00	28.28	0.00066
-2.12	26.16	0.00062	-3.54	24.75	0.00059
-4.95	23.33	0.00057	-6.36	21.92	0.00055
-7.78	20.51	0.00053	-20.51	7.78	0.00047
-21.92	6.36	0.00047	-23.33	4.95	0.00047
-24.75	3.54	0.00047	-26.16	2.12	0.00046
-28.28	0.00	0.00046	-31.82	-3.54	0.00045
-35.36	-7.07	0.00044	-42.43	-14.14	0.00043
-49.50	-21.21	0.00042	-56.57	-28.28	0.00042
-63.64	-35.36	0.00042	-70.71	-42.43	0.00042
-77.78	-49.50	0.00042	-84.85	-56.57	0.00041

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00128	56.57	70.71	0.00143
49.50	63.64	0.00157	42.43	56.57	0.00168
35.36	49.50	0.00174	28.28	42.43	0.00169
21.21	35.36	0.00150	14.14	28.28	0.00118
10.61	24.75	0.00101	7.07	21.21	0.00086
4.95	19.09	0.00079	3.54	17.68	0.00074
2.12	16.26	0.00070	0.71	14.85	0.00067
-0.71	13.44	0.00065	-13.44	0.71	0.00055
-14.85	-0.71	0.00055	-16.26	-2.12	0.00055
-17.68	-3.54	0.00055	-19.09	-4.95	0.00054

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-21.21	-7.07	0.00054	-24.75	-10.61	0.00053
-28.28	-14.14	0.00052	-35.36	-21.21	0.00050
-42.43	-28.28	0.00050	-49.50	-35.36	0.00050
-56.57	-42.43	0.00050	-63.64	-49.50	0.00050
-70.71	-56.57	0.00049	-77.78	-63.64	0.00049
70.71	70.71	0.00135	63.64	63.64	0.00153
56.57	56.57	0.00172	49.50	49.50	0.00190
42.43	42.43	0.00205	35.36	35.36	0.00211
28.28	28.28	0.00200	21.21	21.21	0.00166
17.68	17.68	0.00142	14.14	14.14	0.00118
12.02	12.02	0.00105	10.61	10.61	0.00098
9.19	9.19	0.00091	7.78	7.78	0.00085
6.36	6.36	0.00081	-6.36	-6.36	0.00066
-7.78	-7.78	0.00065	-9.19	-9.19	0.00065
-10.61	-10.61	0.00065	-12.02	-12.02	0.00064
-14.14	-14.14	0.00063	-17.68	-17.68	0.00062
-21.21	-21.21	0.00061	-28.28	-28.28	0.00061
-35.36	-35.36	0.00061	-42.43	-42.43	0.00061
-49.50	-49.50	0.00061	-56.57	-56.57	0.00061
-63.64	-63.64	0.00060	-70.71	-70.71	0.00058
77.78	63.64	0.00138	70.71	56.57	0.00160
63.64	49.50	0.00184	56.57	42.43	0.00210
49.50	35.36	0.00234	42.43	28.28	0.00254
35.36	21.21	0.00260	28.28	14.14	0.00236
24.75	10.61	0.00209	21.21	7.07	0.00174
19.09	4.95	0.00152	17.68	3.54	0.00138
16.26	2.12	0.00126	14.85	0.71	0.00115
13.44	-0.71	0.00106	0.71	-13.44	0.00079
-0.71	-14.85	0.00078	-2.12	-16.26	0.00078
-3.54	-17.68	0.00077	-4.95	-19.09	0.00077

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00076	-10.61	-24.75	0.00075
-14.14	-28.28	0.00075	-21.21	-35.36	0.00076
-28.28	-42.43	0.00076	-35.36	-49.50	0.00077
-42.43	-56.57	0.00076	-49.50	-63.64	0.00075

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-70.71	0.00073	-63.64	-77.78	0.00070
84.85	56.57	0.00140	77.78	49.50	0.00164
70.71	42.43	0.00193	63.64	35.36	0.00226
56.57	28.28	0.00260	49.50	21.21	0.00294
42.43	14.14	0.00321	35.36	7.07	0.00325
31.82	3.54	0.00308	28.28	0.00	0.00271
26.16	-2.12	0.00239	24.75	-3.54	0.00216
23.33	-4.95	0.00193	21.92	-6.36	0.00171
20.51	-7.78	0.00151	7.78	-20.51	0.00096
6.36	-21.92	0.00095	4.95	-23.33	0.00094
3.54	-24.75	0.00094	2.12	-26.16	0.00093
0.00	-28.28	0.00093	-3.54	-31.82	0.00094
-7.07	-35.36	0.00095	-14.14	-42.43	0.00098
-21.21	-49.50	0.00099	-28.28	-56.57	0.00099
-35.36	-63.64	0.00097	-42.43	-70.71	0.00094
-49.50	-77.78	0.00089	-56.57	-84.85	0.00084
91.92	49.50	0.00138	84.85	42.43	0.00165
77.78	35.36	0.00197	70.71	28.28	0.00235
63.64	21.21	0.00279	56.57	14.14	0.00327
49.50	7.07	0.00376	42.43	0.00	0.00414
38.89	-3.54	0.00422	35.36	-7.07	0.00410
33.23	-9.19	0.00388	31.82	-10.61	0.00364
30.41	-12.02	0.00332	28.99	-13.44	0.00294
27.58	-14.85	0.00254	14.85	-27.58	0.00119
13.44	-28.99	0.00118	12.02	-30.41	0.00118
10.61	-31.82	0.00119	9.19	-33.23	0.00120
7.07	-35.36	0.00122	3.54	-38.89	0.00126
0.00	-42.43	0.00129	-7.07	-49.50	0.00134
-14.14	-56.57	0.00133	-21.21	-63.64	0.00129
-28.28	-70.71	0.00123	-35.36	-77.78	0.00115
-42.43	-84.85	0.00107	-49.50	-91.92	0.00099
98.99	42.43	0.00135	91.92	35.36	0.00162
84.85	28.28	0.00196	77.78	21.21	0.00238
70.71	14.14	0.00289	63.64	7.07	0.00349
56.57	0.00	0.00415	49.50	-7.07	0.00482
45.96	-10.61	0.00514	42.43	-14.14	0.00538

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00544	38.89	-17.68	0.00541
37.48	-19.09	0.00534	36.06	-20.51	0.00516
34.65	-21.92	0.00481	21.92	-34.65	0.00167
20.51	-36.06	0.00171	19.09	-37.48	0.00174
17.68	-38.89	0.00177	16.26	-40.31	0.00179
14.14	-42.43	0.00183	10.61	-45.96	0.00186
7.07	-49.50	0.00187	0.00	-56.57	0.00184
-7.07	-63.64	0.00175	-14.14	-70.71	0.00163
-21.21	-77.78	0.00150	-28.28	-84.85	0.00137
-35.36	-91.92	0.00124	-42.43	-98.99	0.00113
106.07	35.36	0.00129	98.99	28.28	0.00156
91.92	21.21	0.00190	84.85	14.14	0.00234
77.78	7.07	0.00290	70.71	0.00	0.00358
63.64	-7.07	0.00436	56.57	-14.14	0.00521
53.03	-17.68	0.00565	49.50	-21.21	0.00604
47.38	-23.33	0.00621	45.96	-24.75	0.00628
44.55	-26.16	0.00631	43.13	-27.58	0.00636
41.72	-28.99	0.00632	28.99	-41.72	0.00311
27.58	-43.13	0.00296	26.16	-44.55	0.00285
24.75	-45.96	0.00278	23.33	-47.38	0.00272
21.21	-49.50	0.00266	17.68	-53.03	0.00258
14.14	-56.57	0.00250	7.07	-63.64	0.00234
0.00	-70.71	0.00214	-7.07	-77.78	0.00194
-14.14	-84.85	0.00174	-21.21	-91.92	0.00156
-28.28	-98.99	0.00140	-35.36	-106.07	0.00126
113.14	28.28	0.00122	106.07	21.21	0.00147
98.99	14.14	0.00180	91.92	7.07	0.00223
84.85	0.00	0.00280	77.78	-7.07	0.00352
70.71	-14.14	0.00438	63.64	-21.21	0.00534
60.10	-24.75	0.00582	56.57	-28.28	0.00626
54.45	-30.41	0.00645	53.03	-31.82	0.00653
51.62	-33.23	0.00656	50.20	-34.65	0.00657
48.79	-36.06	0.00653	36.06	-48.79	0.00389
34.65	-50.20	0.00377	33.23	-51.62	0.00367
31.82	-53.03	0.00358	30.41	-54.45	0.00350
28.28	-56.57	0.00339	24.75	-60.10	0.00323
21.21	-63.64	0.00309	14.14	-70.71	0.00280
7.07	-77.78	0.00251	0.00	-84.85	0.00223
-7.07	-91.92	0.00197	-14.14	-98.99	0.00175
-21.21	-106.07	0.00155	-28.28	-113.14	0.00137

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00112	113.14	14.14	0.00135
106.07	7.07	0.00165	98.99	0.00	0.00205
91.92	-7.07	0.00260	84.85	-14.14	0.00332
77.78	-21.21	0.00424	70.71	-28.28	0.00530
67.18	-31.82	0.00581	63.64	-35.36	0.00628
61.52	-37.48	0.00649	60.10	-38.89	0.00658
58.69	-40.31	0.00661	57.28	-41.72	0.00660
55.86	-43.13	0.00657	43.13	-55.86	0.00416
41.72	-57.28	0.00409	40.31	-58.69	0.00404
38.89	-60.10	0.00399	37.48	-61.52	0.00394
35.36	-63.64	0.00386	31.82	-67.18	0.00371
28.28	-70.71	0.00355	21.21	-77.78	0.00320
14.14	-84.85	0.00284	7.07	-91.92	0.00249
0.00	-98.99	0.00218	-7.07	-106.07	0.00190
-14.14	-113.14	0.00167	-21.21	-120.21	0.00147
127.28	14.14	0.00101	120.21	7.07	0.00121
113.14	0.00	0.00148	106.07	-7.07	0.00184
98.99	-14.14	0.00233	91.92	-21.21	0.00302
84.85	-28.28	0.00394	77.78	-35.36	0.00508
74.25	-38.89	0.00565	70.71	-42.43	0.00615
68.59	-44.55	0.00639	67.18	-45.96	0.00651
65.76	-47.38	0.00657	64.35	-48.79	0.00657
62.93	-50.20	0.00654	50.20	-62.93	0.00425
48.79	-64.35	0.00420	47.38	-65.76	0.00418
45.96	-67.18	0.00415	44.55	-68.59	0.00413
42.43	-70.71	0.00409	38.89	-74.25	0.00399
35.36	-77.78	0.00385	28.28	-84.85	0.00349
21.21	-91.92	0.00308	14.14	-98.99	0.00269
7.07	-106.07	0.00233	0.00	-113.14	0.00203
-7.07	-120.21	0.00176	-14.14	-127.28	0.00154
134.35	7.07	0.00089	127.28	0.00	0.00107
120.21	-7.07	0.00130	113.14	-14.14	0.00160
106.07	-21.21	0.00203	98.99	-28.28	0.00262
91.92	-35.36	0.00348	84.85	-42.43	0.00464
81.32	-45.96	0.00529	77.78	-49.50	0.00589
75.66	-51.62	0.00617	74.25	-53.03	0.00632

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

72.83	-54.45	0.00641	71.42	-55.86	0.00644
70.00	-57.28	0.00643	57.28	-70.00	0.00426
55.86	-71.42	0.00422	54.45	-72.83	0.00420
53.03	-74.25	0.00419	51.62	-75.66	0.00418

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00417	45.96	-81.32	0.00410
42.43	-84.85	0.00399	35.36	-91.92	0.00364
28.28	-98.99	0.00322	21.21	-106.07	0.00281
14.14	-113.14	0.00243	7.07	-120.21	0.00210
0.00	-127.28	0.00182	-7.07	-134.35	0.00158
141.42	0.00	0.00078	134.35	-7.07	0.00093
127.28	-14.14	0.00111	120.21	-21.21	0.00136
113.14	-28.28	0.00170	106.07	-35.36	0.00218
98.99	-42.43	0.00288	91.92	-49.50	0.00395
88.39	-53.03	0.00464	84.85	-56.57	0.00536
82.73	-58.69	0.00574	81.32	-60.10	0.00595
79.90	-61.52	0.00610	78.49	-62.93	0.00618
77.07	-64.35	0.00620	64.35	-77.07	0.00420
62.93	-78.49	0.00417	61.52	-79.90	0.00416
60.10	-81.32	0.00415	58.69	-82.73	0.00415
56.57	-84.85	0.00414	53.03	-88.39	0.00410
49.50	-91.92	0.00400	42.43	-98.99	0.00367
35.36	-106.07	0.00325	28.28	-113.14	0.00283
21.21	-120.21	0.00244	14.14	-127.28	0.00210
7.07	-134.35	0.00181	0.00	-141.42	0.00157
148.49	-7.07	0.00068	141.42	-14.14	0.00079
134.35	-21.21	0.00094	127.28	-28.28	0.00113
120.21	-35.36	0.00138	113.14	-42.43	0.00173
106.07	-49.50	0.00224	98.99	-56.57	0.00305
95.46	-60.10	0.00365	91.92	-63.64	0.00440
89.80	-65.76	0.00488	88.39	-67.18	0.00518
86.97	-68.59	0.00544	85.56	-70.00	0.00564
84.15	-71.42	0.00577	71.42	-84.15	0.00408
70.00	-85.56	0.00405	68.59	-86.97	0.00404
67.18	-88.39	0.00404	65.76	-89.80	0.00404

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

63.64	-91.92	0.00403	60.10	-95.46	0.00398
56.57	-98.99	0.00388	49.50	-106.07	0.00356
42.43	-113.14	0.00315	35.36	-120.21	0.00274
28.28	-127.28	0.00236	21.21	-134.35	0.00203
14.14	-141.42	0.00176	7.07	-148.49	0.00152
155.56	-14.14	0.00058	148.49	-21.21	0.00067
141.42	-28.28	0.00078	134.35	-35.36	0.00092
127.28	-42.43	0.00109	120.21	-49.50	0.00132
113.14	-56.57	0.00164	106.07	-63.64	0.00213
102.53	-67.18	0.00249	98.99	-70.71	0.00300

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00340	95.46	-74.25	0.00371
94.05	-75.66	0.00405	92.63	-77.07	0.00441
91.22	-78.49	0.00474	78.49	-91.22	0.00388
77.07	-92.63	0.00384	75.66	-94.05	0.00382
74.25	-95.46	0.00381	72.83	-96.87	0.00380
70.71	-98.99	0.00377	67.18	-102.53	0.00370
63.64	-106.07	0.00358	56.57	-113.14	0.00327
49.50	-120.21	0.00290	42.43	-127.28	0.00253
35.36	-134.35	0.00220	28.28	-141.42	0.00191
21.21	-148.49	0.00166	14.14	-155.56	0.00145
162.63	-21.21	0.00049	155.56	-28.28	0.00056
148.49	-35.36	0.00064	141.42	-42.43	0.00074
134.35	-49.50	0.00085	127.28	-56.57	0.00099
120.21	-63.64	0.00116	113.14	-70.71	0.00138
109.60	-74.25	0.00153	106.07	-77.78	0.00170
103.94	-79.90	0.00182	102.53	-81.32	0.00192
101.12	-82.73	0.00205	99.70	-84.15	0.00221
98.29	-85.56	0.00246	85.56	-98.29	0.00340
84.15	-99.70	0.00332	82.73	-101.12	0.00327
81.32	-102.53	0.00324	79.90	-103.94	0.00321
77.78	-106.07	0.00317	74.25	-109.60	0.00310
70.71	-113.14	0.00302	63.64	-120.21	0.00280
56.57	-127.28	0.00253	49.50	-134.35	0.00225
42.43	-141.42	0.00199	35.36	-148.49	0.00175

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-155.56	0.00154	21.21	-162.63	0.00136
169.71	-28.28	0.00042	162.63	-35.36	0.00046
155.56	-42.43	0.00052	148.49	-49.50	0.00058
141.42	-56.57	0.00065	134.35	-63.64	0.00073
127.28	-70.71	0.00081	120.21	-77.78	0.00090
116.67	-81.32	0.00094	113.14	-84.85	0.00097
111.02	-86.97	0.00098	109.60	-88.39	0.00099
108.19	-89.80	0.00100	106.77	-91.22	0.00101
105.36	-92.63	0.00102	92.63	-105.36	0.00194
91.22	-106.77	0.00205	89.80	-108.19	0.00214
88.39	-109.60	0.00221	86.97	-111.02	0.00227
84.85	-113.14	0.00233	81.32	-116.67	0.00238
77.78	-120.21	0.00238	70.71	-127.28	0.00231
63.64	-134.35	0.00215	56.57	-141.42	0.00196
49.50	-148.49	0.00177	42.43	-155.56	0.00158
35.36	-162.63	0.00141	28.28	-169.71	0.00126

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00035	169.71	-42.43	0.00039
162.63	-49.50	0.00042	155.56	-56.57	0.00046
148.49	-63.64	0.00051	141.42	-70.71	0.00055
134.35	-77.78	0.00060	127.28	-84.85	0.00063
123.74	-88.39	0.00065	120.21	-91.92	0.00066
118.09	-94.05	0.00067	116.67	-95.46	0.00068
115.26	-96.87	0.00069	113.84	-98.29	0.00071
112.43	-99.70	0.00073	99.70	-112.43	0.00111
98.29	-113.84	0.00119	96.87	-115.26	0.00128
95.46	-116.67	0.00137	94.05	-118.09	0.00145
91.92	-120.21	0.00156	88.39	-123.74	0.00170
84.85	-127.28	0.00177	77.78	-134.35	0.00182
70.71	-141.42	0.00177	63.64	-148.49	0.00167
56.57	-155.56	0.00154	49.50	-162.63	0.00140
42.43	-169.71	0.00127	35.36	-176.78	0.00115
183.85	-42.43	0.00030	176.78	-49.50	0.00033
169.71	-56.57	0.00035	162.63	-63.64	0.00038
155.56	-70.71	0.00041	148.49	-77.78	0.00043

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-84.85	0.00046	134.35	-91.92	0.00048
130.81	-95.46	0.00048	127.28	-98.99	0.00050
125.16	-101.12	0.00052	123.74	-102.53	0.00053
122.33	-103.94	0.00055	120.92	-105.36	0.00057
119.50	-106.77	0.00059	106.77	-119.50	0.00078
105.36	-120.92	0.00082	103.94	-122.33	0.00086
102.53	-123.74	0.00090	101.12	-125.16	0.00095
98.99	-127.28	0.00104	95.46	-130.81	0.00116
91.92	-134.35	0.00127	84.85	-141.42	0.00139
77.78	-148.49	0.00141	70.71	-155.56	0.00137
63.64	-162.63	0.00131	56.57	-169.71	0.00122
49.50	-176.78	0.00113	42.43	-183.85	0.00104
190.92	-49.50	0.00026	183.85	-56.57	0.00028
176.78	-63.64	0.00029	169.71	-70.71	0.00031
162.63	-77.78	0.00033	155.56	-84.85	0.00035
148.49	-91.92	0.00036	141.42	-98.99	0.00037
137.89	-102.53	0.00039	134.35	-106.07	0.00041
132.23	-108.19	0.00043	130.81	-109.60	0.00044
129.40	-111.02	0.00046	127.99	-112.43	0.00047
126.57	-113.84	0.00049	113.84	-126.57	0.00061
112.43	-127.99	0.00062	111.02	-129.40	0.00064
109.60	-130.81	0.00066	108.19	-132.23	0.00069

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00073	102.53	-137.89	0.00082
98.99	-141.42	0.00090	91.92	-148.49	0.00103
84.85	-155.56	0.00110	77.78	-162.63	0.00111
70.71	-169.71	0.00109	63.64	-176.78	0.00104
56.57	-183.85	0.00098	49.50	-190.92	0.00092
197.99	-56.57	0.00022	190.92	-63.64	0.00024
183.85	-70.71	0.00025	176.78	-77.78	0.00026
169.71	-84.85	0.00027	162.63	-91.92	0.00028
155.56	-98.99	0.00029	148.49	-106.07	0.00031
144.96	-109.60	0.00033	141.42	-113.14	0.00035
139.30	-115.26	0.00036	137.89	-116.67	0.00037
136.47	-118.09	0.00039	135.06	-119.50	0.00040

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

133.64	-120.92	0.00042	120.92	-133.64	0.00049
119.50	-135.06	0.00050	118.09	-136.47	0.00051
116.67	-137.89	0.00052	115.26	-139.30	0.00053
113.14	-141.42	0.00055	109.60	-144.96	0.00060
106.07	-148.49	0.00066	98.99	-155.56	0.00077
91.92	-162.63	0.00085	84.85	-169.71	0.00089
77.78	-176.78	0.00090	70.71	-183.85	0.00088
63.64	-190.92	0.00085	56.57	-197.99	0.00081
205.06	-63.64	0.00019	197.99	-70.71	0.00020
190.92	-77.78	0.00021	183.85	-84.85	0.00022
176.78	-91.92	0.00022	169.71	-98.99	0.00023
162.63	-106.07	0.00024	155.56	-113.14	0.00027
152.03	-116.67	0.00028	148.49	-120.21	0.00030
146.37	-122.33	0.00031	144.96	-123.74	0.00032
143.54	-125.16	0.00033	142.13	-126.57	0.00034
140.71	-127.99	0.00036	127.99	-140.71	0.00041
126.57	-142.13	0.00041	125.16	-143.54	0.00041
123.74	-144.96	0.00042	122.33	-146.37	0.00042
120.21	-148.49	0.00044	116.67	-152.03	0.00047
113.14	-155.56	0.00050	106.07	-162.63	0.00059
98.99	-169.71	0.00066	91.92	-176.78	0.00071
84.85	-183.85	0.00073	77.78	-190.92	0.00074
70.71	-197.99	0.00072	63.64	-205.06	0.00070
212.13	-70.71	0.00017	205.06	-77.78	0.00017
197.99	-84.85	0.00018	190.92	-91.92	0.00018
183.85	-98.99	0.00019	176.78	-106.07	0.00020
169.71	-113.14	0.00021	162.63	-120.21	0.00023
159.10	-123.74	0.00024	155.56	-127.28	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00027	152.03	-130.81	0.00028
150.61	-132.23	0.00029	149.20	-133.64	0.00030
147.79	-135.06	0.00031	135.06	-147.79	0.00034
133.64	-149.20	0.00034	132.23	-150.61	0.00035
130.81	-152.03	0.00035	129.40	-153.44	0.00035
127.28	-155.56	0.00036	123.74	-159.10	0.00038

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

120.21	-162.63	0.00040	113.14	-169.71	0.00046
106.07	-176.78	0.00052	98.99	-183.85	0.00057
91.92	-190.92	0.00060	84.85	-197.99	0.00061
77.78	-205.06	0.00062	70.71	-212.13	0.00061
219.20	-77.78	0.00015	212.13	-84.85	0.00015
205.06	-91.92	0.00015	197.99	-98.99	0.00016
190.92	-106.07	0.00016	183.85	-113.14	0.00017
176.78	-120.21	0.00018	169.71	-127.28	0.00020
166.17	-130.81	0.00021	162.63	-134.35	0.00023
160.51	-136.47	0.00024	159.10	-137.89	0.00024
157.68	-139.30	0.00025	156.27	-140.71	0.00026
154.86	-142.13	0.00027	142.13	-154.86	0.00029
140.71	-156.27	0.00029	139.30	-157.68	0.00029
137.89	-159.10	0.00030	136.47	-160.51	0.00030
134.35	-162.63	0.00030	130.81	-166.17	0.00031
127.28	-169.71	0.00033	120.21	-176.78	0.00037
113.14	-183.85	0.00041	106.07	-190.92	0.00046
98.99	-197.99	0.00049	91.92	-205.06	0.00051
84.85	-212.13	0.00052	77.78	-219.20	0.00052
226.27	-84.85	0.00013	219.20	-91.92	0.00013
212.13	-98.99	0.00013	205.06	-106.07	0.00014
197.99	-113.14	0.00014	190.92	-120.21	0.00015
183.85	-127.28	0.00016	176.78	-134.35	0.00018
173.24	-137.89	0.00019	169.71	-141.42	0.00020
167.58	-143.54	0.00021	166.17	-144.96	0.00022
164.76	-146.37	0.00022	163.34	-147.79	0.00023
161.93	-149.20	0.00023	149.20	-161.93	0.00025
147.79	-163.34	0.00025	146.37	-164.76	0.00025
144.96	-166.17	0.00025	143.54	-167.58	0.00025
141.42	-169.71	0.00026	137.89	-173.24	0.00026
134.35	-176.78	0.00027	127.28	-183.85	0.00030
120.21	-190.92	0.00034	113.14	-197.99	0.00037
106.07	-205.06	0.00040	98.99	-212.13	0.00043
91.92	-219.20	0.00044	84.85	-226.27	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

233.35	-91.92	0.00011	226.27	-98.99	0.00011
219.20	-106.07	0.00012	212.13	-113.14	0.00012
205.06	-120.21	0.00013	197.99	-127.28	0.00014
190.92	-134.35	0.00015	183.85	-141.42	0.00016
180.31	-144.96	0.00017	176.78	-148.49	0.00018
174.66	-150.61	0.00019	173.24	-152.03	0.00019
171.83	-153.44	0.00020	170.41	-154.86	0.00020
169.00	-156.27	0.00021	156.27	-169.00	0.00022
154.86	-170.41	0.00022	153.44	-171.83	0.00022
152.03	-173.24	0.00022	150.61	-174.66	0.00022
148.49	-176.78	0.00022	144.96	-180.31	0.00023
141.42	-183.85	0.00023	134.35	-190.92	0.00025
127.28	-197.99	0.00028	120.21	-205.06	0.00031
113.14	-212.13	0.00033	106.07	-219.20	0.00036
98.99	-226.27	0.00037	91.92	-233.35	0.00038
240.42	-98.99	0.00010	233.35	-106.07	0.00010
226.27	-113.14	0.00010	219.20	-120.21	0.00011
212.13	-127.28	0.00012	205.06	-134.35	0.00012
197.99	-141.42	0.00013	190.92	-148.49	0.00014
187.38	-152.03	0.00015	183.85	-155.56	0.00016
181.73	-157.68	0.00017	180.31	-159.10	0.00017
178.90	-160.51	0.00018	177.48	-161.93	0.00018
176.07	-163.34	0.00018	163.34	-176.07	0.00019
161.93	-177.48	0.00019	160.51	-178.90	0.00019
159.10	-180.31	0.00019	157.68	-181.73	0.00019
155.56	-183.85	0.00019	152.03	-187.38	0.00020
148.49	-190.92	0.00020	141.42	-197.99	0.00021
134.35	-205.06	0.00023	127.28	-212.13	0.00026
120.21	-219.20	0.00028	113.14	-226.27	0.00030
106.07	-233.35	0.00032	98.99	-240.42	0.00033
247.49	-106.07	0.00009	240.42	-113.14	0.00009
233.35	-120.21	0.00009	226.27	-127.28	0.00010
219.20	-134.35	0.00010	212.13	-141.42	0.00011
205.06	-148.49	0.00012	197.99	-155.56	0.00013
194.45	-159.10	0.00014	190.92	-162.63	0.00014
188.80	-164.76	0.00015	187.38	-166.17	0.00015
185.97	-167.58	0.00016	184.55	-169.00	0.00016
183.14	-170.41	0.00016	170.41	-183.14	0.00017
169.00	-184.55	0.00017	167.58	-185.97	0.00017
166.17	-187.38	0.00017	164.76	-188.80	0.00017

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
162.63	-190.92	0.00017	159.10	-194.45	0.00017	
155.56	-197.99	0.00018	148.49	-205.06	0.00019	
141.42	-212.13	0.00020	134.35	-219.20	0.00022	
127.28	-226.27	0.00024	120.21	-233.35	0.00026	
113.14	-240.42	0.00027	106.07	-247.49	0.00029	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-106.07	247.49	0.00022	-113.14	240.42	0.00020	
-120.21	233.35	0.00018	-127.28	226.27	0.00016	
-134.35	219.20	0.00014	-141.42	212.13	0.00013	
-148.49	205.06	0.00012	-155.56	197.99	0.00012	
-159.10	194.45	0.00011	-162.63	190.92	0.00011	
-164.76	188.80	0.00011	-166.17	187.38	0.00011	
-167.58	185.97	0.00011	-169.00	184.55	0.00011	
-170.41	183.14	0.00011	-183.14	170.41	0.00010	
-184.55	169.00	0.00010	-185.97	167.58	0.00010	
-187.38	166.17	0.00010	-188.80	164.76	0.00010	
-190.92	162.63	0.00010	-194.45	159.10	0.00010	
-197.99	155.56	0.00010	-205.06	148.49	0.00010	
-212.13	141.42	0.00010	-219.20	134.35	0.00010	
-226.27	127.28	0.00010	-233.35	120.21	0.00010	
-240.42	113.14	0.00009	-247.49	106.07	0.00009	
-98.99	240.42	0.00025	-106.07	233.35	0.00022	
-113.14	226.27	0.00020	-120.21	219.20	0.00018	
-127.28	212.13	0.00016	-134.35	205.06	0.00015	
-141.42	197.99	0.00014	-148.49	190.92	0.00013	
-152.03	187.38	0.00012	-155.56	183.85	0.00012	
-157.68	181.73	0.00012	-159.10	180.31	0.00012	
-160.51	178.90	0.00012	-161.93	177.48	0.00012	
-163.34	176.07	0.00012	-176.07	163.34	0.00011	

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-177.48	161.93	0.00011	-178.90	160.51	0.00011
-180.31	159.10	0.00011	-181.73	157.68	0.00011
-183.85	155.56	0.00011	-187.38	152.03	0.00011
-190.92	148.49	0.00011	-197.99	141.42	0.00011
-205.06	134.35	0.00011	-212.13	127.28	0.00011
-219.20	120.21	0.00011	-226.27	113.14	0.00010
-233.35	106.07	0.00010	-240.42	98.99	0.00010
-91.92	233.35	0.00028	-99.00	226.27	0.00025
-106.07	219.20	0.00023	-113.14	212.13	0.00020
-120.21	205.06	0.00018	-127.28	197.99	0.00016
-134.35	190.92	0.00015	-141.42	183.85	0.00014
-144.96	180.31	0.00014	-148.49	176.78	0.00013
-150.61	174.66	0.00013	-152.03	173.24	0.00013
-153.44	171.83	0.00013	-154.86	170.41	0.00013
-156.27	169.00	0.00013	-169.00	156.27	0.00012
-170.41	154.86	0.00012	-171.83	153.44	0.00012
-173.24	152.03	0.00012	-174.66	150.61	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00012	-180.31	144.96	0.00012
-183.85	141.42	0.00012	-190.92	134.35	0.00012
-197.99	127.28	0.00012	-205.06	120.21	0.00012
-212.13	113.14	0.00011	-219.20	106.07	0.00011
-226.27	98.99	0.00011	-233.35	91.92	0.00011
-84.85	226.27	0.00032	-91.92	219.20	0.00029
-99.00	212.13	0.00026	-106.07	205.06	0.00023
-113.14	197.99	0.00020	-120.21	190.92	0.00018
-127.28	183.85	0.00016	-134.35	176.78	0.00015
-137.89	173.24	0.00015	-141.42	169.71	0.00014
-143.54	167.58	0.00014	-144.96	166.17	0.00014
-146.37	164.76	0.00014	-147.79	163.34	0.00014
-149.20	161.93	0.00014	-161.93	149.20	0.00013
-163.34	147.79	0.00013	-164.76	146.37	0.00013
-166.17	144.96	0.00013	-167.58	143.54	0.00013
-169.71	141.42	0.00013	-173.24	137.89	0.00013
-176.78	134.35	0.00013	-183.85	127.28	0.00013

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	120.21	0.00013	-197.99	113.14	0.00013
-205.06	106.07	0.00012	-212.13	98.99	0.00012
-219.20	91.92	0.00012	-226.27	84.85	0.00011
-77.78	219.20	0.00036	-84.85	212.13	0.00033
-91.92	205.06	0.00030	-99.00	197.99	0.00026
-106.07	190.92	0.00023	-113.14	183.85	0.00020
-120.21	176.78	0.00018	-127.28	169.71	0.00017
-130.81	166.17	0.00016	-134.35	162.63	0.00016
-136.47	160.51	0.00016	-137.89	159.10	0.00016
-139.30	157.68	0.00015	-140.71	156.27	0.00015
-142.13	154.86	0.00015	-154.86	142.13	0.00014
-156.27	140.71	0.00014	-157.68	139.30	0.00014
-159.10	137.89	0.00014	-160.51	136.47	0.00014
-162.63	134.35	0.00014	-166.17	130.81	0.00014
-169.71	127.28	0.00014	-176.78	120.21	0.00014
-183.85	113.14	0.00014	-190.92	106.07	0.00014
-197.99	98.99	0.00013	-205.06	91.92	0.00013
-212.13	84.85	0.00013	-219.20	77.78	0.00012
-70.71	212.13	0.00041	-77.78	205.06	0.00038
-84.85	197.99	0.00034	-91.92	190.92	0.00030
-98.99	183.85	0.00026	-106.07	176.78	0.00023
-113.14	169.71	0.00021	-120.21	162.63	0.00019
-123.74	159.10	0.00018	-127.28	155.56	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTS:
 PAGE 65
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00017	-130.81	152.03	0.00017
-132.23	150.61	0.00017	-133.64	149.20	0.00017
-135.06	147.79	0.00017	-147.79	135.06	0.00016
-149.20	133.64	0.00016	-150.61	132.23	0.00016
-152.03	130.81	0.00016	-153.44	129.40	0.00016
-155.56	127.28	0.00016	-159.10	123.74	0.00016
-162.63	120.21	0.00016	-169.71	113.14	0.00016
-176.78	106.07	0.00015	-183.85	98.99	0.00015
-190.92	91.92	0.00014	-197.99	84.85	0.00014
-205.06	77.78	0.00014	-212.13	70.71	0.00014
-63.64	205.06	0.00048	-70.71	197.99	0.00044

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	190.92	0.00040	-84.85	183.85	0.00035
-91.92	176.78	0.00031	-98.99	169.71	0.00027
-106.07	162.63	0.00023	-113.14	155.56	0.00021
-116.67	152.03	0.00020	-120.21	148.49	0.00019
-122.33	146.37	0.00019	-123.74	144.96	0.00019
-125.16	143.54	0.00019	-126.57	142.13	0.00019
-127.99	140.71	0.00018	-140.71	127.99	0.00017
-142.13	126.57	0.00017	-143.54	125.16	0.00017
-144.96	123.74	0.00017	-146.37	122.33	0.00017
-148.49	120.21	0.00017	-152.03	116.67	0.00017
-155.56	113.14	0.00017	-162.63	106.07	0.00017
-169.71	98.99	0.00017	-176.78	91.92	0.00016
-183.85	84.85	0.00016	-190.92	77.78	0.00015
-197.99	70.71	0.00015	-205.06	63.64	0.00015
-56.57	197.99	0.00055	-63.64	190.92	0.00051
-70.71	183.85	0.00047	-77.78	176.78	0.00041
-84.85	169.71	0.00036	-91.92	162.63	0.00031
-98.99	155.56	0.00027	-106.07	148.49	0.00024
-109.60	144.96	0.00023	-113.14	141.42	0.00022
-115.26	139.30	0.00021	-116.67	137.89	0.00021
-118.09	136.47	0.00021	-119.50	135.06	0.00021
-120.92	133.64	0.00020	-133.64	120.92	0.00019
-135.06	119.50	0.00019	-136.47	118.09	0.00019
-137.89	116.67	0.00019	-139.30	115.26	0.00019
-141.42	113.14	0.00019	-144.96	109.60	0.00019
-148.49	106.07	0.00019	-155.56	98.99	0.00019
-162.63	91.92	0.00018	-169.71	84.85	0.00018
-176.78	77.78	0.00017	-183.85	70.71	0.00017
-190.92	63.64	0.00017	-197.99	56.57	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTS:
 PAGE 66
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00063	-56.57	183.85	0.00060
-63.64	176.78	0.00055	-70.71	169.71	0.00049
-77.78	162.63	0.00043	-84.85	155.56	0.00036
-91.92	148.49	0.00031	-98.99	141.42	0.00027
-102.53	137.89	0.00026	-106.07	134.35	0.00024

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-108.19	132.23	0.00024	-109.60	130.81	0.00024
-111.02	129.40	0.00023	-112.43	127.99	0.00023
-113.84	126.57	0.00023	-126.57	113.84	0.00021
-127.99	112.43	0.00021	-129.40	111.02	0.00021
-130.81	109.60	0.00021	-132.23	108.19	0.00021
-134.35	106.07	0.00021	-137.89	102.53	0.00021
-141.42	98.99	0.00021	-148.49	91.92	0.00021
-155.56	84.85	0.00020	-162.63	77.78	0.00019
-169.71	70.71	0.00019	-176.78	63.64	0.00019
-183.85	56.57	0.00018	-190.92	49.50	0.00018
-42.43	183.85	0.00072	-49.50	176.78	0.00069
-56.57	169.71	0.00065	-63.64	162.63	0.00059
-70.71	155.56	0.00051	-77.78	148.49	0.00043
-84.85	141.42	0.00036	-91.92	134.35	0.00031
-95.46	130.81	0.00029	-98.99	127.28	0.00028
-101.12	125.16	0.00027	-102.53	123.74	0.00027
-103.94	122.33	0.00026	-105.36	120.92	0.00026
-106.77	119.50	0.00026	-119.50	106.77	0.00024
-120.92	105.36	0.00024	-122.33	103.94	0.00024
-123.74	102.53	0.00024	-125.16	101.12	0.00024
-127.28	98.99	0.00024	-130.81	95.46	0.00024
-134.35	91.92	0.00023	-141.42	84.85	0.00023
-148.49	77.78	0.00022	-155.56	70.71	0.00021
-162.63	63.64	0.00021	-169.71	56.57	0.00021
-176.78	49.50	0.00021	-183.85	42.43	0.00021
-35.36	176.78	0.00082	-42.43	169.71	0.00081
-49.50	162.63	0.00077	-56.57	155.56	0.00071
-63.64	148.49	0.00062	-70.71	141.42	0.00053
-77.78	134.35	0.00044	-84.85	127.28	0.00037
-88.39	123.74	0.00034	-91.92	120.21	0.00032
-94.05	118.09	0.00031	-95.46	116.67	0.00030
-96.87	115.26	0.00030	-98.29	113.84	0.00029
-99.70	112.43	0.00029	-112.43	99.70	0.00027
-113.84	98.29	0.00027	-115.26	96.87	0.00027
-116.67	95.46	0.00027	-118.09	94.05	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***
 19:03:36
 **MODELOPTS:
 PAGE 67
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

		20NCRA NAPA01-300_DPM_TRAV_ANN_SE-NW Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00027	-123.74	88.39	0.00027
-127.28	84.85	0.00026	-134.35	77.78	0.00025
-141.42	70.71	0.00025	-148.49	63.64	0.00024
-155.56	56.57	0.00023	-162.63	49.50	0.00023
-169.71	42.43	0.00023	-176.78	35.36	0.00023
-28.28	169.71	0.00092	-35.36	162.63	0.00093
-42.43	155.56	0.00091	-49.50	148.49	0.00085
-56.57	141.42	0.00076	-63.64	134.35	0.00065
-70.71	127.28	0.00053	-77.78	120.21	0.00044
-81.32	116.67	0.00040	-84.85	113.14	0.00037
-86.97	111.02	0.00036	-88.39	109.60	0.00035
-89.80	108.19	0.00034	-91.22	106.77	0.00034
-92.63	105.36	0.00033	-105.36	92.63	0.00030
-106.77	91.22	0.00030	-108.19	89.80	0.00030
-109.60	88.39	0.00030	-111.02	86.97	0.00030
-113.14	84.85	0.00030	-116.67	81.32	0.00030
-120.21	77.78	0.00030	-127.28	70.71	0.00029
-134.35	63.64	0.00028	-141.42	56.57	0.00027
-148.49	49.50	0.00027	-155.56	42.43	0.00026
-162.63	35.36	0.00027	-169.71	28.28	0.00026
-21.21	162.63	0.00102	-28.28	155.56	0.00106
-35.36	148.49	0.00107	-42.43	141.42	0.00103
-49.50	134.35	0.00094	-56.57	127.28	0.00081
-63.64	120.21	0.00067	-70.71	113.14	0.00053
-74.25	109.60	0.00048	-77.78	106.07	0.00044
-79.90	103.94	0.00042	-81.32	102.53	0.00041
-82.73	101.12	0.00040	-84.15	99.70	0.00039
-85.56	98.29	0.00038	-98.29	85.56	0.00035
-99.70	84.15	0.00035	-101.12	82.73	0.00035
-102.53	81.32	0.00035	-103.94	79.90	0.00035
-106.07	77.78	0.00035	-109.60	74.25	0.00034
-113.14	70.71	0.00034	-120.21	63.64	0.00032
-127.28	56.57	0.00031	-134.35	49.50	0.00031
-141.42	42.43	0.00031	-148.49	35.36	0.00031
-155.56	28.28	0.00030	-162.63	21.21	0.00030
-14.14	155.56	0.00111	-21.21	148.49	0.00119
-28.28	141.42	0.00123	-35.36	134.35	0.00123
-42.43	127.28	0.00117	-49.50	120.21	0.00104
-56.57	113.14	0.00086	-63.64	106.07	0.00067
-67.18	102.53	0.00059	-70.71	98.99	0.00053

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

19:03:36

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00050	-74.25	95.46	0.00049
-75.66	94.05	0.00047	-77.07	92.63	0.00046
-78.49	91.22	0.00045	-91.22	78.49	0.00040
-92.63	77.07	0.00040	-94.05	75.66	0.00040
-95.46	74.25	0.00040	-96.87	72.83	0.00040
-98.99	70.71	0.00040	-102.53	67.18	0.00039
-106.07	63.64	0.00038	-113.14	56.57	0.00037
-120.21	49.50	0.00036	-127.28	42.43	0.00036
-134.35	35.36	0.00036	-141.42	28.28	0.00036
-148.49	21.21	0.00035	-155.56	14.14	0.00035
-7.07	148.49	0.00120	-14.14	141.42	0.00131
-21.21	134.35	0.00140	-28.28	127.28	0.00145
-35.36	120.21	0.00144	-42.43	113.14	0.00133
-49.50	106.07	0.00112	-56.57	98.99	0.00087
-60.10	95.46	0.00076	-63.64	91.92	0.00066
-65.76	89.80	0.00062	-67.18	88.39	0.00059
-68.59	86.97	0.00057	-70.00	85.56	0.00055
-71.42	84.15	0.00053	-84.15	71.42	0.00047
-85.56	70.00	0.00047	-86.97	68.59	0.00047
-88.39	67.18	0.00047	-89.80	65.76	0.00046
-91.92	63.64	0.00046	-95.46	60.10	0.00045
-98.99	56.57	0.00044	-106.07	49.50	0.00043
-113.14	42.43	0.00042	-120.21	35.36	0.00042
-127.28	28.28	0.00042	-134.35	21.21	0.00042
-141.42	14.14	0.00042	-148.49	7.07	0.00041
0.00	141.42	0.00128	-7.07	134.35	0.00143
-14.14	127.28	0.00157	-21.21	120.21	0.00168
-28.28	113.14	0.00174	-35.36	106.07	0.00169
-42.43	98.99	0.00150	-49.50	91.92	0.00118
-53.03	88.39	0.00101	-56.57	84.85	0.00086
-58.69	82.73	0.00079	-60.10	81.32	0.00074
-61.52	79.90	0.00070	-62.93	78.49	0.00067
-64.35	77.07	0.00065	-77.07	64.35	0.00055
-78.49	62.93	0.00055	-79.90	61.52	0.00055
-81.32	60.10	0.00055	-82.73	58.69	0.00054
-84.85	56.57	0.00054	-88.39	53.03	0.00053
-91.92	49.50	0.00052	-98.99	42.43	0.00050

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-106.07	35.36	0.00050	-113.14	28.28	0.00050
-120.21	21.21	0.00050	-127.28	14.14	0.00050
-134.35	7.07	0.00049	-141.42	0.00	0.00049

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
 PAGE 69

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00135	0.00	127.28	0.00153
-7.07	120.21	0.00172	-14.14	113.14	0.00190
-21.21	106.07	0.00205	-28.28	98.99	0.00211
-35.36	91.92	0.00200	-42.43	84.85	0.00166
-45.96	81.32	0.00142	-49.50	77.78	0.00118
-51.62	75.66	0.00105	-53.03	74.25	0.00098
-54.45	72.83	0.00091	-55.86	71.42	0.00085
-57.28	70.00	0.00081	-70.00	57.28	0.00066
-71.42	55.86	0.00065	-72.83	54.45	0.00065
-74.25	53.03	0.00065	-75.66	51.62	0.00064
-77.78	49.50	0.00063	-81.32	45.96	0.00062
-84.85	42.43	0.00061	-91.92	35.36	0.00061
-98.99	28.28	0.00061	-106.07	21.21	0.00061
-113.14	14.14	0.00061	-120.21	7.07	0.00061
-127.28	0.00	0.00060	-134.35	-7.07	0.00058
14.14	127.28	0.00138	7.07	120.21	0.00160
0.00	113.14	0.00184	-7.07	106.07	0.00210
-14.14	98.99	0.00234	-21.21	91.92	0.00254
-28.28	84.85	0.00260	-35.36	77.78	0.00236
-38.89	74.25	0.00209	-42.43	70.71	0.00174
-44.55	68.59	0.00152	-45.96	67.18	0.00138
-47.38	65.76	0.00126	-48.79	64.35	0.00115
-50.20	62.93	0.00106	-62.93	50.20	0.00079
-64.35	48.79	0.00078	-65.76	47.38	0.00078
-67.18	45.96	0.00077	-68.59	44.55	0.00077
-70.71	42.43	0.00076	-74.25	38.89	0.00075
-77.78	35.36	0.00075	-84.85	28.28	0.00076
-91.92	21.21	0.00076	-98.99	14.14	0.00077
-106.07	7.07	0.00076	-113.14	0.00	0.00075
-120.21	-7.07	0.00073	-127.28	-14.14	0.00070
21.21	120.21	0.00140	14.14	113.14	0.00164

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

7.07	106.07	0.00193	0.00	98.99	0.00226
-7.07	91.92	0.00260	-14.14	84.85	0.00294
-21.21	77.78	0.00321	-28.28	70.71	0.00325
-31.82	67.18	0.00308	-35.36	63.64	0.00271
-37.48	61.52	0.00239	-38.89	60.10	0.00216
-40.31	58.69	0.00193	-41.72	57.28	0.00171
-43.13	55.86	0.00151	-55.86	43.13	0.00096
-57.28	41.72	0.00095	-58.69	40.31	0.00094
-60.10	38.89	0.00094	-61.52	37.48	0.00093

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00093	-67.18	31.82	0.00094
-70.71	28.28	0.00095	-77.78	21.21	0.00098
-84.85	14.14	0.00099	-91.92	7.07	0.00099
-98.99	0.00	0.00097	-106.07	-7.07	0.00094
-113.14	-14.14	0.00089	-120.21	-21.21	0.00084
28.28	113.14	0.00138	21.21	106.07	0.00165
14.14	98.99	0.00197	7.07	91.92	0.00235
0.00	84.85	0.00279	-7.07	77.78	0.00327
-14.14	70.71	0.00376	-21.21	63.64	0.00414
-24.75	60.10	0.00422	-28.28	56.57	0.00410
-30.41	54.45	0.00388	-31.82	53.03	0.00364
-33.23	51.62	0.00332	-34.65	50.20	0.00294
-36.06	48.79	0.00254	-48.79	36.06	0.00119
-50.20	34.65	0.00118	-51.62	33.23	0.00118
-53.03	31.82	0.00119	-54.45	30.41	0.00120
-56.57	28.28	0.00122	-60.10	24.75	0.00126
-63.64	21.21	0.00129	-70.71	14.14	0.00134
-77.78	7.07	0.00133	-84.85	0.00	0.00129
-91.92	-7.07	0.00123	-98.99	-14.14	0.00115
-106.07	-21.21	0.00107	-113.14	-28.28	0.00099
35.36	106.07	0.00135	28.28	98.99	0.00162
21.21	91.92	0.00196	14.14	84.85	0.00238
7.07	77.78	0.00289	0.00	70.71	0.00349
-7.07	63.64	0.00415	-14.14	56.57	0.00482
-17.68	53.03	0.00514	-21.21	49.50	0.00538

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-23.33	47.38	0.00544	-24.75	45.96	0.00541
-26.16	44.55	0.00534	-27.58	43.13	0.00516
-28.99	41.72	0.00481	-41.72	28.99	0.00167
-43.13	27.58	0.00171	-44.55	26.16	0.00174
-45.96	24.75	0.00177	-47.38	23.33	0.00179
-49.50	21.21	0.00183	-53.03	17.68	0.00186
-56.57	14.14	0.00187	-63.64	7.07	0.00184
-70.71	0.00	0.00175	-77.78	-7.07	0.00163
-84.85	-14.14	0.00150	-91.92	-21.21	0.00137
-98.99	-28.28	0.00124	-106.07	-35.36	0.00113
42.43	98.99	0.00129	35.36	91.92	0.00156
28.28	84.85	0.00190	21.21	77.78	0.00234
14.14	70.71	0.00290	7.07	63.64	0.00358
0.00	56.57	0.00436	-7.07	49.50	0.00521
-10.61	45.96	0.00565	-14.14	42.43	0.00604

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00621	-17.68	38.89	0.00628
-19.09	37.48	0.00631	-20.51	36.06	0.00636
-21.92	34.65	0.00632	-34.65	21.92	0.00311
-36.06	20.51	0.00296	-37.48	19.09	0.00285
-38.89	17.68	0.00278	-40.31	16.26	0.00272
-42.43	14.14	0.00266	-45.96	10.61	0.00258
-49.50	7.07	0.00250	-56.57	0.00	0.00234
-63.64	-7.07	0.00214	-70.71	-14.14	0.00194
-77.78	-21.21	0.00174	-84.85	-28.28	0.00156
-91.92	-35.36	0.00140	-98.99	-42.43	0.00126
49.50	91.92	0.00122	42.43	84.85	0.00147
35.36	77.78	0.00180	28.28	70.71	0.00223
21.21	63.64	0.00280	14.14	56.57	0.00352
7.07	49.50	0.00438	0.00	42.43	0.00534
-3.54	38.89	0.00582	-7.07	35.36	0.00626
-9.19	33.23	0.00645	-10.61	31.82	0.00653
-12.02	30.41	0.00656	-13.44	28.99	0.00657
-14.85	27.58	0.00653	-27.58	14.85	0.00389
-28.99	13.44	0.00377	-30.41	12.02	0.00367

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	10.61	0.00358	-33.23	9.19	0.00350
-35.36	7.07	0.00339	-38.89	3.54	0.00323
-42.43	0.00	0.00309	-49.50	-7.07	0.00280
-56.57	-14.14	0.00251	-63.64	-21.21	0.00223
-70.71	-28.28	0.00197	-77.78	-35.36	0.00175
-84.85	-42.43	0.00155	-91.92	-49.50	0.00137
56.57	84.85	0.00112	49.50	77.78	0.00135
42.43	70.71	0.00165	35.36	63.64	0.00205
28.28	56.57	0.00260	21.21	49.50	0.00332
14.14	42.43	0.00424	7.07	35.36	0.00530
3.54	31.82	0.00581	0.00	28.28	0.00628
-2.12	26.16	0.00649	-3.54	24.75	0.00658
-4.95	23.33	0.00661	-6.36	21.92	0.00660
-7.78	20.51	0.00657	-20.51	7.78	0.00416
-21.92	6.36	0.00409	-23.33	4.95	0.00404
-24.75	3.54	0.00399	-26.16	2.12	0.00394
-28.28	0.00	0.00386	-31.82	-3.54	0.00371
-35.36	-7.07	0.00355	-42.43	-14.14	0.00320
-49.50	-21.21	0.00284	-56.57	-28.28	0.00249
-63.64	-35.36	0.00218	-70.71	-42.43	0.00190
-77.78	-49.50	0.00167	-84.85	-56.57	0.00147

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00101	56.57	70.71	0.00121
49.50	63.64	0.00148	42.43	56.57	0.00184
35.36	49.50	0.00233	28.28	42.43	0.00302
21.21	35.36	0.00394	14.14	28.28	0.00508
10.61	24.75	0.00565	7.07	21.21	0.00615
4.95	19.09	0.00639	3.54	17.68	0.00651
2.12	16.26	0.00657	0.71	14.85	0.00657
-0.71	13.44	0.00654	-13.44	0.71	0.00425
-14.85	-0.71	0.00420	-16.26	-2.12	0.00418
-17.68	-3.54	0.00415	-19.09	-4.95	0.00413
-21.21	-7.07	0.00409	-24.75	-10.61	0.00399
-28.28	-14.14	0.00385	-35.36	-21.21	0.00349
-42.43	-28.28	0.00308	-49.50	-35.36	0.00269

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-42.43	0.00233	-63.64	-49.50	0.00203
-70.71	-56.57	0.00176	-77.78	-63.64	0.00154
70.71	70.71	0.00089	63.64	63.64	0.00107
56.57	56.57	0.00130	49.50	49.50	0.00160
42.43	42.43	0.00203	35.36	35.36	0.00262
28.28	28.28	0.00348	21.21	21.21	0.00464
17.68	17.68	0.00529	14.14	14.14	0.00589
12.02	12.02	0.00617	10.61	10.61	0.00632
9.19	9.19	0.00641	7.78	7.78	0.00644
6.36	6.36	0.00643	-6.36	-6.36	0.00426
-7.78	-7.78	0.00422	-9.19	-9.19	0.00420
-10.61	-10.61	0.00419	-12.02	-12.02	0.00418
-14.14	-14.14	0.00417	-17.68	-17.68	0.00410
-21.21	-21.21	0.00399	-28.28	-28.28	0.00364
-35.36	-35.36	0.00322	-42.43	-42.43	0.00281
-49.50	-49.50	0.00243	-56.57	-56.57	0.00210
-63.64	-63.64	0.00182	-70.71	-70.71	0.00158
77.78	63.64	0.00078	70.71	56.57	0.00093
63.64	49.50	0.00111	56.57	42.43	0.00136
49.50	35.36	0.00170	42.43	28.28	0.00218
35.36	21.21	0.00288	28.28	14.14	0.00395
24.75	10.61	0.00464	21.21	7.07	0.00536
19.09	4.95	0.00574	17.68	3.54	0.00595
16.26	2.12	0.00610	14.85	0.71	0.00618
13.44	-0.71	0.00620	0.71	-13.44	0.00420
-0.71	-14.85	0.00417	-2.12	-16.26	0.00416
-3.54	-17.68	0.00415	-4.95	-19.09	0.00415

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
 PAGE 73
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00414	-10.61	-24.75	0.00410
-14.14	-28.28	0.00400	-21.21	-35.36	0.00367
-28.28	-42.43	0.00325	-35.36	-49.50	0.00283
-42.43	-56.57	0.00244	-49.50	-63.64	0.00210
-56.57	-70.71	0.00181	-63.64	-77.78	0.00157
84.85	56.57	0.00068	77.78	49.50	0.00079
70.71	42.43	0.00094	63.64	35.36	0.00113

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

56.57	28.28	0.00138	49.50	21.21	0.00173
42.43	14.14	0.00224	35.36	7.07	0.00305
31.82	3.54	0.00365	28.28	0.00	0.00440
26.16	-2.12	0.00488	24.75	-3.54	0.00518
23.33	-4.95	0.00544	21.92	-6.36	0.00564
20.51	-7.78	0.00577	7.78	-20.51	0.00408
6.36	-21.92	0.00405	4.95	-23.33	0.00404
3.54	-24.75	0.00404	2.12	-26.16	0.00404
0.00	-28.28	0.00403	-3.54	-31.82	0.00398
-7.07	-35.36	0.00388	-14.14	-42.43	0.00356
-21.21	-49.50	0.00315	-28.28	-56.57	0.00274
-35.36	-63.64	0.00236	-42.43	-70.71	0.00203
-49.50	-77.78	0.00176	-56.57	-84.85	0.00152
91.92	49.50	0.00058	84.85	42.43	0.00067
77.78	35.36	0.00078	70.71	28.28	0.00092
63.64	21.21	0.00109	56.57	14.14	0.00132
49.50	7.07	0.00164	42.43	0.00	0.00213
38.89	-3.54	0.00249	35.36	-7.07	0.00300
33.23	-9.19	0.00340	31.82	-10.61	0.00371
30.41	-12.02	0.00405	28.99	-13.44	0.00441
27.58	-14.85	0.00474	14.85	-27.58	0.00388
13.44	-28.99	0.00384	12.02	-30.41	0.00382
10.61	-31.82	0.00381	9.19	-33.23	0.00380
7.07	-35.36	0.00377	3.54	-38.89	0.00370
0.00	-42.43	0.00358	-7.07	-49.50	0.00327
-14.14	-56.57	0.00290	-21.21	-63.64	0.00253
-28.28	-70.71	0.00220	-35.36	-77.78	0.00191
-42.43	-84.85	0.00166	-49.50	-91.92	0.00145
98.99	42.43	0.00049	91.92	35.36	0.00056
84.85	28.28	0.00064	77.78	21.21	0.00074
70.71	14.14	0.00085	63.64	7.07	0.00099
56.57	0.00	0.00116	49.50	-7.07	0.00138
45.96	-10.61	0.00153	42.43	-14.14	0.00170

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00182	38.89	-17.68	0.00192

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

37.48	-19.09	0.00205	36.06	-20.51	0.00221
34.65	-21.92	0.00246	21.92	-34.65	0.00340
20.51	-36.06	0.00332	19.09	-37.48	0.00327
17.68	-38.89	0.00324	16.26	-40.31	0.00321
14.14	-42.43	0.00317	10.61	-45.96	0.00310
7.07	-49.50	0.00302	0.00	-56.57	0.00280
-7.07	-63.64	0.00253	-14.14	-70.71	0.00225
-21.21	-77.78	0.00199	-28.28	-84.85	0.00175
-35.36	-91.92	0.00154	-42.43	-98.99	0.00136
106.07	35.36	0.00042	98.99	28.28	0.00046
91.92	21.21	0.00052	84.85	14.14	0.00058
77.78	7.07	0.00065	70.71	0.00	0.00073
63.64	-7.07	0.00081	56.57	-14.14	0.00090
53.03	-17.68	0.00094	49.50	-21.21	0.00097
47.38	-23.33	0.00098	45.96	-24.75	0.00099
44.55	-26.16	0.00100	43.13	-27.58	0.00101
41.72	-28.99	0.00102	28.99	-41.72	0.00194
27.58	-43.13	0.00205	26.16	-44.55	0.00214
24.75	-45.96	0.00221	23.33	-47.38	0.00227
21.21	-49.50	0.00233	17.68	-53.03	0.00238
14.14	-56.57	0.00238	7.07	-63.64	0.00231
0.00	-70.71	0.00215	-7.07	-77.78	0.00196
-14.14	-84.85	0.00177	-21.21	-91.92	0.00158
-28.28	-98.99	0.00141	-35.36	-106.07	0.00126
113.14	28.28	0.00035	106.07	21.21	0.00039
98.99	14.14	0.00042	91.92	7.07	0.00046
84.85	0.00	0.00051	77.78	-7.07	0.00055
70.71	-14.14	0.00060	63.64	-21.21	0.00063
60.10	-24.75	0.00065	56.57	-28.28	0.00066
54.45	-30.41	0.00067	53.03	-31.82	0.00068
51.62	-33.23	0.00069	50.20	-34.65	0.00071
48.79	-36.06	0.00073	36.06	-48.79	0.00111
34.65	-50.20	0.00119	33.23	-51.62	0.00128
31.82	-53.03	0.00137	30.41	-54.45	0.00145
28.28	-56.57	0.00156	24.75	-60.10	0.00170
21.21	-63.64	0.00177	14.14	-70.71	0.00182
7.07	-77.78	0.00177	0.00	-84.85	0.00167
-7.07	-91.92	0.00154	-14.14	-98.99	0.00140
-21.21	-106.07	0.00127	-28.28	-113.14	0.00115

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00030	113.14	14.14	0.00033
106.07	7.07	0.00035	98.99	0.00	0.00038
91.92	-7.07	0.00041	84.85	-14.14	0.00043
77.78	-21.21	0.00046	70.71	-28.28	0.00048
67.18	-31.82	0.00048	63.64	-35.36	0.00050
61.52	-37.48	0.00052	60.10	-38.89	0.00053
58.69	-40.31	0.00055	57.28	-41.72	0.00057
55.86	-43.13	0.00059	43.13	-55.86	0.00078
41.72	-57.28	0.00082	40.31	-58.69	0.00086
38.89	-60.10	0.00090	37.48	-61.52	0.00095
35.36	-63.64	0.00104	31.82	-67.18	0.00116
28.28	-70.71	0.00127	21.21	-77.78	0.00139
14.14	-84.85	0.00141	7.07	-91.92	0.00137
0.00	-98.99	0.00131	-7.07	-106.07	0.00122
-14.14	-113.14	0.00113	-21.21	-120.21	0.00104
127.28	14.14	0.00026	120.21	7.07	0.00028
113.14	0.00	0.00029	106.07	-7.07	0.00031
98.99	-14.14	0.00033	91.92	-21.21	0.00035
84.85	-28.28	0.00036	77.78	-35.36	0.00037
74.25	-38.89	0.00039	70.71	-42.43	0.00041
68.59	-44.55	0.00043	67.18	-45.96	0.00044
65.76	-47.38	0.00046	64.35	-48.79	0.00047
62.93	-50.20	0.00049	50.20	-62.93	0.00061
48.79	-64.35	0.00062	47.38	-65.76	0.00064
45.96	-67.18	0.00066	44.55	-68.59	0.00069
42.43	-70.71	0.00073	38.89	-74.25	0.00082
35.36	-77.78	0.00090	28.28	-84.85	0.00103
21.21	-91.92	0.00110	14.14	-98.99	0.00111
7.07	-106.07	0.00109	0.00	-113.14	0.00104
-7.07	-120.21	0.00098	-14.14	-127.28	0.00092
134.35	7.07	0.00022	127.28	0.00	0.00024
120.21	-7.07	0.00025	113.14	-14.14	0.00026
106.07	-21.21	0.00027	98.99	-28.28	0.00028
91.92	-35.36	0.00029	84.85	-42.43	0.00031
81.32	-45.96	0.00033	77.78	-49.50	0.00035
75.66	-51.62	0.00036	74.25	-53.03	0.00037
72.83	-54.45	0.00039	71.42	-55.86	0.00040
70.00	-57.28	0.00042	57.28	-70.00	0.00049
55.86	-71.42	0.00050	54.45	-72.83	0.00051

53.03 -74.25 0.00052 51.62 -75.66 0.00053

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00055	45.96	-81.32	0.00060
42.43	-84.85	0.00066	35.36	-91.92	0.00077
28.28	-98.99	0.00085	21.21	-106.07	0.00089
14.14	-113.14	0.00090	7.07	-120.21	0.00088
0.00	-127.28	0.00085	-7.07	-134.35	0.00081
141.42	0.00	0.00019	134.35	-7.07	0.00020
127.28	-14.14	0.00021	120.21	-21.21	0.00022
113.14	-28.28	0.00022	106.07	-35.36	0.00023
98.99	-42.43	0.00024	91.92	-49.50	0.00027
88.39	-53.03	0.00028	84.85	-56.57	0.00030
82.73	-58.69	0.00031	81.32	-60.10	0.00032
79.90	-61.52	0.00033	78.49	-62.93	0.00034
77.07	-64.35	0.00036	64.35	-77.07	0.00041
62.93	-78.49	0.00041	61.52	-79.90	0.00041
60.10	-81.32	0.00042	58.69	-82.73	0.00042
56.57	-84.85	0.00044	53.03	-88.39	0.00047
49.50	-91.92	0.00050	42.43	-98.99	0.00059
35.36	-106.07	0.00066	28.28	-113.14	0.00071
21.21	-120.21	0.00073	14.14	-127.28	0.00074
7.07	-134.35	0.00072	0.00	-141.42	0.00070
148.49	-7.07	0.00017	141.42	-14.14	0.00017
134.35	-21.21	0.00018	127.28	-28.28	0.00018
120.21	-35.36	0.00019	113.14	-42.43	0.00020
106.07	-49.50	0.00021	98.99	-56.57	0.00023
95.46	-60.10	0.00024	91.92	-63.64	0.00026
89.80	-65.76	0.00027	88.39	-67.18	0.00028
86.97	-68.59	0.00029	85.56	-70.00	0.00030
84.15	-71.42	0.00031	71.42	-84.15	0.00034
70.00	-85.56	0.00034	68.59	-86.97	0.00035
67.18	-88.39	0.00035	65.76	-89.80	0.00035
63.64	-91.92	0.00036	60.10	-95.46	0.00038
56.57	-98.99	0.00040	49.50	-106.07	0.00046
42.43	-113.14	0.00052	35.36	-120.21	0.00057

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

28.28	-127.28	0.00060	21.21	-134.35	0.00061
14.14	-141.42	0.00062	7.07	-148.49	0.00061
155.56	-14.14	0.00015	148.49	-21.21	0.00015
141.42	-28.28	0.00015	134.35	-35.36	0.00016
127.28	-42.43	0.00016	120.21	-49.50	0.00017
113.14	-56.57	0.00018	106.07	-63.64	0.00020
102.53	-67.18	0.00021	98.99	-70.71	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36

**MODELOPTs:
 PAGE 77

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00024	95.46	-74.25	0.00024
94.05	-75.66	0.00025	92.63	-77.07	0.00026
91.22	-78.49	0.00027	78.49	-91.22	0.00029
77.07	-92.63	0.00029	75.66	-94.05	0.00029
74.25	-95.46	0.00030	72.83	-96.87	0.00030
70.71	-98.99	0.00030	67.18	-102.53	0.00031
63.64	-106.07	0.00033	56.57	-113.14	0.00037
49.50	-120.21	0.00041	42.43	-127.28	0.00046
35.36	-134.35	0.00049	28.28	-141.42	0.00051
21.21	-148.49	0.00052	14.14	-155.56	0.00052
162.63	-21.21	0.00013	155.56	-28.28	0.00013
148.49	-35.36	0.00013	141.42	-42.43	0.00014
134.35	-49.50	0.00014	127.28	-56.57	0.00015
120.21	-63.64	0.00016	113.14	-70.71	0.00018
109.60	-74.25	0.00019	106.07	-77.78	0.00020
103.94	-79.90	0.00021	102.53	-81.32	0.00022
101.12	-82.73	0.00022	99.70	-84.15	0.00023
98.29	-85.56	0.00023	85.56	-98.29	0.00025
84.15	-99.70	0.00025	82.73	-101.12	0.00025
81.32	-102.53	0.00025	79.90	-103.94	0.00025
77.78	-106.07	0.00026	74.25	-109.60	0.00026
70.71	-113.14	0.00027	63.64	-120.21	0.00030
56.57	-127.28	0.00034	49.50	-134.35	0.00037
42.43	-141.42	0.00040	35.36	-148.49	0.00043
28.28	-155.56	0.00044	21.21	-162.63	0.00045
169.71	-28.28	0.00011	162.63	-35.36	0.00011
155.56	-42.43	0.00012	148.49	-49.50	0.00012

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-56.57	0.00013	134.35	-63.64	0.00014
127.28	-70.71	0.00015	120.21	-77.78	0.00016
116.67	-81.32	0.00017	113.14	-84.85	0.00018
111.02	-86.97	0.00019	109.60	-88.39	0.00019
108.19	-89.80	0.00020	106.77	-91.22	0.00020
105.36	-92.63	0.00021	92.63	-105.36	0.00022
91.22	-106.77	0.00022	89.80	-108.19	0.00022
88.39	-109.60	0.00022	86.97	-111.02	0.00022
84.85	-113.14	0.00022	81.32	-116.67	0.00023
77.78	-120.21	0.00023	70.71	-127.28	0.00025
63.64	-134.35	0.00028	56.57	-141.42	0.00031
49.50	-148.49	0.00033	42.43	-155.56	0.00036
35.36	-162.63	0.00037	28.28	-169.71	0.00038

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

*** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00010	169.71	-42.43	0.00010
162.63	-49.50	0.00010	155.56	-56.57	0.00011
148.49	-63.64	0.00012	141.42	-70.71	0.00012
134.35	-77.78	0.00013	127.28	-84.85	0.00014
123.74	-88.39	0.00015	120.21	-91.92	0.00016
118.09	-94.05	0.00017	116.67	-95.46	0.00017
115.26	-96.87	0.00018	113.84	-98.29	0.00018
112.43	-99.70	0.00018	99.70	-112.43	0.00019
98.29	-113.84	0.00019	96.87	-115.26	0.00019
95.46	-116.67	0.00019	94.05	-118.09	0.00019
91.92	-120.21	0.00019	88.39	-123.74	0.00020
84.85	-127.28	0.00020	77.78	-134.35	0.00021
70.71	-141.42	0.00023	63.64	-148.49	0.00026
56.57	-155.56	0.00028	49.50	-162.63	0.00030
42.43	-169.71	0.00032	35.36	-176.78	0.00033
183.85	-42.43	0.00009	176.78	-49.50	0.00009
169.71	-56.57	0.00009	162.63	-63.64	0.00010
155.56	-70.71	0.00010	148.49	-77.78	0.00011
141.42	-84.85	0.00012	134.35	-91.92	0.00013
130.81	-95.46	0.00014	127.28	-98.99	0.00014
125.16	-101.12	0.00015	123.74	-102.53	0.00015

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

122.33	-103.94	0.00016	120.92	-105.36	0.00016
119.50	-106.77	0.00016	106.77	-119.50	0.00017
105.36	-120.92	0.00017	103.94	-122.33	0.00017
102.53	-123.74	0.00017	101.12	-125.16	0.00017
98.99	-127.28	0.00017	95.46	-130.81	0.00017
91.92	-134.35	0.00018	84.85	-141.42	0.00019
77.78	-148.49	0.00020	70.71	-155.56	0.00022
63.64	-162.63	0.00024	56.57	-169.71	0.00026
49.50	-176.78	0.00027	42.43	-183.85	0.00029
190.92	-49.50	0.00008	183.85	-56.57	0.00008
176.78	-63.64	0.00009	169.71	-70.71	0.00009
162.63	-77.78	0.00010	155.56	-84.85	0.00010
148.49	-91.92	0.00011	141.42	-98.99	0.00012
137.89	-102.53	0.00012	134.35	-106.07	0.00013
132.23	-108.19	0.00014	130.81	-109.60	0.00014
129.40	-111.02	0.00014	127.99	-112.43	0.00014
126.57	-113.84	0.00015	113.84	-126.57	0.00015
112.43	-127.99	0.00015	111.02	-129.40	0.00015
109.60	-130.81	0.00015	108.19	-132.23	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
 PAGE 79
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00015	102.53	-137.89	0.00015
98.99	-141.42	0.00016	91.92	-148.49	0.00016
84.85	-155.56	0.00017	77.78	-162.63	0.00019
70.71	-169.71	0.00020	63.64	-176.78	0.00022
56.57	-183.85	0.00024	49.50	-190.92	0.00025
197.99	-56.57	0.00007	190.92	-63.64	0.00007
183.85	-70.71	0.00008	176.78	-77.78	0.00008
169.71	-84.85	0.00009	162.63	-91.92	0.00009
155.56	-98.99	0.00010	148.49	-106.07	0.00011
144.96	-109.60	0.00011	141.42	-113.14	0.00012
139.30	-115.26	0.00012	137.89	-116.67	0.00013
136.47	-118.09	0.00013	135.06	-119.50	0.00013
133.64	-120.92	0.00013	120.92	-133.64	0.00014
119.50	-135.06	0.00014	118.09	-136.47	0.00014
116.67	-137.89	0.00014	115.26	-139.30	0.00014

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

113.14	-141.42	0.00014	109.60	-144.96	0.00014
106.07	-148.49	0.00014	98.99	-155.56	0.00014
91.92	-162.63	0.00015	84.85	-169.71	0.00016
77.78	-176.78	0.00018	70.71	-183.85	0.00019
63.64	-190.92	0.00020	56.57	-197.99	0.00022
205.06	-63.64	0.00007	197.99	-70.71	0.00007
190.92	-77.78	0.00007	183.85	-84.85	0.00008
176.78	-91.92	0.00008	169.71	-98.99	0.00008
162.63	-106.07	0.00009	155.56	-113.14	0.00010
152.03	-116.67	0.00010	148.49	-120.21	0.00011
146.37	-122.33	0.00011	144.96	-123.74	0.00011
143.54	-125.16	0.00012	142.13	-126.57	0.00012
140.71	-127.99	0.00012	127.99	-140.71	0.00012
126.57	-142.13	0.00012	125.16	-143.54	0.00012
123.74	-144.96	0.00012	122.33	-146.37	0.00012
120.21	-148.49	0.00012	116.67	-152.03	0.00012
113.14	-155.56	0.00013	106.07	-162.63	0.00013
98.99	-169.71	0.00014	91.92	-176.78	0.00014
84.85	-183.85	0.00015	77.78	-190.92	0.00017
70.71	-197.99	0.00018	63.64	-205.06	0.00019
212.13	-70.71	0.00006	205.06	-77.78	0.00006
197.99	-84.85	0.00007	190.92	-91.92	0.00007
183.85	-98.99	0.00007	176.78	-106.07	0.00008
169.71	-113.14	0.00008	162.63	-120.21	0.00009
159.10	-123.74	0.00010	155.56	-127.28	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36

**MODELOPTs:
 PAGE 80

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00010	152.03	-130.81	0.00010
150.61	-132.23	0.00011	149.20	-133.64	0.00011
147.79	-135.06	0.00011	135.06	-147.79	0.00011
133.64	-149.20	0.00011	132.23	-150.61	0.00011
130.81	-152.03	0.00011	129.40	-153.44	0.00011
127.28	-155.56	0.00011	123.74	-159.10	0.00011
120.21	-162.63	0.00011	113.14	-169.71	0.00012
106.07	-176.78	0.00012	98.99	-183.85	0.00013
91.92	-190.92	0.00014	84.85	-197.99	0.00015

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-205.06	0.00016	70.71	-212.13	0.00017
219.20	-77.78	0.00006	212.13	-84.85	0.00006
205.06	-91.92	0.00006	197.99	-98.99	0.00007
190.92	-106.07	0.00007	183.85	-113.14	0.00007
176.78	-120.21	0.00008	169.71	-127.28	0.00008
166.17	-130.81	0.00009	162.63	-134.35	0.00009
160.51	-136.47	0.00010	159.10	-137.89	0.00010
157.68	-139.30	0.00010	156.27	-140.71	0.00010
154.86	-142.13	0.00010	142.13	-154.86	0.00010
140.71	-156.27	0.00010	139.30	-157.68	0.00010
137.89	-159.10	0.00010	136.47	-160.51	0.00010
134.35	-162.63	0.00010	130.81	-166.17	0.00010
127.28	-169.71	0.00010	120.21	-176.78	0.00011
113.14	-183.85	0.00011	106.07	-190.92	0.00011
98.99	-197.99	0.00012	91.92	-205.06	0.00013
84.85	-212.13	0.00014	77.78	-219.20	0.00015
226.27	-84.85	0.00005	219.20	-91.92	0.00006
212.13	-98.99	0.00006	205.06	-106.07	0.00006
197.99	-113.14	0.00006	190.92	-120.21	0.00007
183.85	-127.28	0.00007	176.78	-134.35	0.00008
173.24	-137.89	0.00008	169.71	-141.42	0.00009
167.58	-143.54	0.00009	166.17	-144.96	0.00009
164.76	-146.37	0.00009	163.34	-147.79	0.00009
161.93	-149.20	0.00009	149.20	-161.93	0.00009
147.79	-163.34	0.00009	146.37	-164.76	0.00009
144.96	-166.17	0.00009	143.54	-167.58	0.00009
141.42	-169.71	0.00009	137.89	-173.24	0.00009
134.35	-176.78	0.00009	127.28	-183.85	0.00010
120.21	-190.92	0.00010	113.14	-197.99	0.00010
106.07	-205.06	0.00011	98.99	-212.13	0.00012
91.92	-219.20	0.00012	84.85	-226.27	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00005	226.27	-98.99	0.00005
219.20	-106.07	0.00005	212.13	-113.14	0.00006
205.06	-120.21	0.00006	197.99	-127.28	0.00006

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-134.35	0.00007	183.85	-141.42	0.00007
180.31	-144.96	0.00008	176.78	-148.49	0.00008
174.66	-150.61	0.00008	173.24	-152.03	0.00008
171.83	-153.44	0.00008	170.41	-154.86	0.00008
169.00	-156.27	0.00008	156.27	-169.00	0.00009
154.86	-170.41	0.00009	153.44	-171.83	0.00009
152.03	-173.24	0.00009	150.61	-174.66	0.00009
148.49	-176.78	0.00009	144.96	-180.31	0.00009
141.42	-183.85	0.00009	134.35	-190.92	0.00009
127.28	-197.99	0.00009	120.21	-205.06	0.00009
113.14	-212.13	0.00010	106.07	-219.20	0.00010
98.99	-226.27	0.00011	91.92	-233.35	0.00012
240.42	-98.99	0.00005	233.35	-106.07	0.00005
226.27	-113.14	0.00005	219.20	-120.21	0.00005
212.13	-127.28	0.00006	205.06	-134.35	0.00006
197.99	-141.42	0.00006	190.92	-148.49	0.00007
187.38	-152.03	0.00007	183.85	-155.56	0.00007
181.73	-157.68	0.00008	180.31	-159.10	0.00008
178.90	-160.51	0.00008	177.48	-161.93	0.00008
176.07	-163.34	0.00008	163.34	-176.07	0.00008
161.93	-177.48	0.00008	160.51	-178.90	0.00008
159.10	-180.31	0.00008	157.68	-181.73	0.00008
155.56	-183.85	0.00008	152.03	-187.38	0.00008
148.49	-190.92	0.00008	141.42	-197.99	0.00008
134.35	-205.06	0.00008	127.28	-212.13	0.00009
120.21	-219.20	0.00009	113.14	-226.27	0.00009
106.07	-233.35	0.00010	98.99	-240.42	0.00010
247.49	-106.07	0.00004	240.42	-113.14	0.00005
233.35	-120.21	0.00005	226.27	-127.28	0.00005
219.20	-134.35	0.00005	212.13	-141.42	0.00005
205.06	-148.49	0.00006	197.99	-155.56	0.00006
194.45	-159.10	0.00007	190.92	-162.63	0.00007
188.80	-164.76	0.00007	187.38	-166.17	0.00007
185.97	-167.58	0.00007	184.55	-169.00	0.00007
183.14	-170.41	0.00007	170.41	-183.14	0.00007
169.00	-184.55	0.00007	167.58	-185.97	0.00007
166.17	-187.38	0.00007	164.76	-188.80	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00007	159.10	-194.45	0.00007
155.56	-197.99	0.00007	148.49	-205.06	0.00007
141.42	-212.13	0.00008	134.35	-219.20	0.00008
127.28	-226.27	0.00008	120.21	-233.35	0.00008
113.14	-240.42	0.00009	106.07	-247.49	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00072	-113.14	240.42	0.00069
-120.21	233.35	0.00065	-127.28	226.27	0.00059
-134.35	219.20	0.00051	-141.42	212.13	0.00043
-148.49	205.06	0.00036	-155.56	197.99	0.00031
-159.10	194.45	0.00029	-162.63	190.92	0.00028
-164.76	188.80	0.00027	-166.17	187.38	0.00027
-167.58	185.97	0.00026	-169.00	184.55	0.00026
-170.41	183.14	0.00026	-183.14	170.41	0.00024
-184.55	169.00	0.00024	-185.97	167.58	0.00024
-187.38	166.17	0.00024	-188.80	164.76	0.00024
-190.92	162.63	0.00024	-194.45	159.10	0.00024
-197.99	155.56	0.00023	-205.06	148.49	0.00023
-212.13	141.42	0.00022	-219.20	134.35	0.00021
-226.27	127.28	0.00021	-233.35	120.21	0.00021
-240.42	113.14	0.00021	-247.49	106.07	0.00021
-98.99	240.42	0.00082	-106.07	233.35	0.00081
-113.14	226.27	0.00077	-120.21	219.20	0.00071
-127.28	212.13	0.00062	-134.35	205.06	0.00053
-141.42	197.99	0.00044	-148.49	190.92	0.00037
-152.03	187.38	0.00034	-155.56	183.85	0.00032
-157.68	181.73	0.00031	-159.10	180.31	0.00030
-160.51	178.90	0.00030	-161.93	177.48	0.00029
-163.34	176.07	0.00029	-176.07	163.34	0.00027
-177.48	161.93	0.00027	-178.90	160.51	0.00027
-180.31	159.10	0.00027	-181.73	157.68	0.00027
-183.85	155.56	0.00027	-187.38	152.03	0.00027

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-190.92	148.49	0.00026	-197.99	141.42	0.00025
-205.06	134.35	0.00025	-212.13	127.28	0.00024
-219.20	120.21	0.00023	-226.27	113.14	0.00023
-233.35	106.07	0.00023	-240.42	98.99	0.00023
-91.92	233.35	0.00092	-99.00	226.27	0.00093
-106.07	219.20	0.00091	-113.14	212.13	0.00085
-120.21	205.06	0.00076	-127.28	197.99	0.00065
-134.35	190.92	0.00053	-141.42	183.85	0.00044
-144.96	180.31	0.00040	-148.49	176.78	0.00037
-150.61	174.66	0.00036	-152.03	173.24	0.00035
-153.44	171.83	0.00034	-154.86	170.41	0.00034
-156.27	169.00	0.00033	-169.00	156.27	0.00030
-170.41	154.86	0.00030	-171.83	153.44	0.00030
-173.24	152.03	0.00030	-174.66	150.61	0.00030

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00030	-180.31	144.96	0.00030
-183.85	141.42	0.00030	-190.92	134.35	0.00029
-197.99	127.28	0.00028	-205.06	120.21	0.00027
-212.13	113.14	0.00027	-219.20	106.07	0.00026
-226.27	98.99	0.00027	-233.35	91.92	0.00026
-84.85	226.27	0.00102	-91.92	219.20	0.00106
-99.00	212.13	0.00107	-106.07	205.06	0.00103
-113.14	197.99	0.00094	-120.21	190.92	0.00081
-127.28	183.85	0.00067	-134.35	176.78	0.00053
-137.89	173.24	0.00048	-141.42	169.71	0.00044
-143.54	167.58	0.00042	-144.96	166.17	0.00041
-146.37	164.76	0.00040	-147.79	163.34	0.00039
-149.20	161.93	0.00038	-161.93	149.20	0.00035
-163.34	147.79	0.00035	-164.76	146.37	0.00035
-166.17	144.96	0.00035	-167.58	143.54	0.00035
-169.71	141.42	0.00035	-173.24	137.89	0.00034
-176.78	134.35	0.00034	-183.85	127.28	0.00032
-190.92	120.21	0.00031	-197.99	113.14	0.00031
-205.06	106.07	0.00031	-212.13	98.99	0.00031
-219.20	91.92	0.00030	-226.27	84.85	0.00030

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-77.78	219.20	0.00111	-84.85	212.13	0.00119
-91.92	205.06	0.00123	-99.00	197.99	0.00123
-106.07	190.92	0.00117	-113.14	183.85	0.00104
-120.21	176.78	0.00086	-127.28	169.71	0.00067
-130.81	166.17	0.00059	-134.35	162.63	0.00053
-136.47	160.51	0.00050	-137.89	159.10	0.00049
-139.30	157.68	0.00047	-140.71	156.27	0.00046
-142.13	154.86	0.00045	-154.86	142.13	0.00040
-156.27	140.71	0.00040	-157.68	139.30	0.00040
-159.10	137.89	0.00040	-160.51	136.47	0.00040
-162.63	134.35	0.00040	-166.17	130.81	0.00039
-169.71	127.28	0.00038	-176.78	120.21	0.00037
-183.85	113.14	0.00036	-190.92	106.07	0.00036
-197.99	98.99	0.00036	-205.06	91.92	0.00036
-212.13	84.85	0.00035	-219.20	77.78	0.00035
-70.71	212.13	0.00120	-77.78	205.06	0.00131
-84.85	197.99	0.00140	-91.92	190.92	0.00145
-98.99	183.85	0.00144	-106.07	176.78	0.00133
-113.14	169.71	0.00112	-120.21	162.63	0.00087
-123.74	159.10	0.00076	-127.28	155.56	0.00066

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00062	-130.81	152.03	0.00059
-132.23	150.61	0.00057	-133.64	149.20	0.00055
-135.06	147.79	0.00053	-147.79	135.06	0.00047
-149.20	133.64	0.00047	-150.61	132.23	0.00047
-152.03	130.81	0.00047	-153.44	129.40	0.00046
-155.56	127.28	0.00046	-159.10	123.74	0.00045
-162.63	120.21	0.00044	-169.71	113.14	0.00043
-176.78	106.07	0.00042	-183.85	98.99	0.00042
-190.92	91.92	0.00042	-197.99	84.85	0.00042
-205.06	77.78	0.00042	-212.13	70.71	0.00041
-63.64	205.06	0.00128	-70.71	197.99	0.00143
-77.78	190.92	0.00157	-84.85	183.85	0.00168
-91.92	176.78	0.00174	-98.99	169.71	0.00169
-106.07	162.63	0.00150	-113.14	155.56	0.00118

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-116.67	152.03	0.00101	-120.21	148.49	0.00086
-122.33	146.37	0.00079	-123.74	144.96	0.00074
-125.16	143.54	0.00070	-126.57	142.13	0.00067
-127.99	140.71	0.00065	-140.71	127.99	0.00055
-142.13	126.57	0.00055	-143.54	125.16	0.00055
-144.96	123.74	0.00055	-146.37	122.33	0.00054
-148.49	120.21	0.00054	-152.03	116.67	0.00053
-155.56	113.14	0.00052	-162.63	106.07	0.00050
-169.71	98.99	0.00050	-176.78	91.92	0.00050
-183.85	84.85	0.00050	-190.92	77.78	0.00050
-197.99	70.71	0.00049	-205.06	63.64	0.00049
-56.57	197.99	0.00135	-63.64	190.92	0.00153
-70.71	183.85	0.00172	-77.78	176.78	0.00190
-84.85	169.71	0.00205	-91.92	162.63	0.00211
-98.99	155.56	0.00200	-106.07	148.49	0.00166
-109.60	144.96	0.00142	-113.14	141.42	0.00118
-115.26	139.30	0.00105	-116.67	137.89	0.00098
-118.09	136.47	0.00091	-119.50	135.06	0.00085
-120.92	133.64	0.00081	-133.64	120.92	0.00066
-135.06	119.50	0.00065	-136.47	118.09	0.00065
-137.89	116.67	0.00065	-139.30	115.26	0.00064
-141.42	113.14	0.00063	-144.96	109.60	0.00062
-148.49	106.07	0.00061	-155.56	98.99	0.00061
-162.63	91.92	0.00061	-169.71	84.85	0.00061
-176.78	77.78	0.00061	-183.85	70.71	0.00061
-190.92	63.64	0.00060	-197.99	56.57	0.00058

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00138	-56.57	183.85	0.00160
-63.64	176.78	0.00184	-70.71	169.71	0.00210
-77.78	162.63	0.00234	-84.85	155.56	0.00254
-91.92	148.49	0.00260	-98.99	141.42	0.00236
-102.53	137.89	0.00209	-106.07	134.35	0.00174
-108.19	132.23	0.00152	-109.60	130.81	0.00138
-111.02	129.40	0.00126	-112.43	127.99	0.00115
-113.84	126.57	0.00106	-126.57	113.84	0.00079

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	112.43	0.00078	-129.40	111.02	0.00078
-130.81	109.60	0.00077	-132.23	108.19	0.00077
-134.35	106.07	0.00076	-137.89	102.53	0.00075
-141.42	98.99	0.00075	-148.49	91.92	0.00076
-155.56	84.85	0.00076	-162.63	77.78	0.00077
-169.71	70.71	0.00076	-176.78	63.64	0.00075
-183.85	56.57	0.00073	-190.92	49.50	0.00070
-42.43	183.85	0.00140	-49.50	176.78	0.00164
-56.57	169.71	0.00193	-63.64	162.63	0.00226
-70.71	155.56	0.00260	-77.78	148.49	0.00294
-84.85	141.42	0.00321	-91.92	134.35	0.00325
-95.46	130.81	0.00308	-98.99	127.28	0.00271
-101.12	125.16	0.00239	-102.53	123.74	0.00216
-103.94	122.33	0.00193	-105.36	120.92	0.00171
-106.77	119.50	0.00151	-119.50	106.77	0.00096
-120.92	105.36	0.00095	-122.33	103.94	0.00094
-123.74	102.53	0.00094	-125.16	101.12	0.00093
-127.28	98.99	0.00093	-130.81	95.46	0.00094
-134.35	91.92	0.00095	-141.42	84.85	0.00098
-148.49	77.78	0.00099	-155.56	70.71	0.00099
-162.63	63.64	0.00097	-169.71	56.57	0.00094
-176.78	49.50	0.00089	-183.85	42.43	0.00084
-35.36	176.78	0.00138	-42.43	169.71	0.00165
-49.50	162.63	0.00197	-56.57	155.56	0.00235
-63.64	148.49	0.00279	-70.71	141.42	0.00327
-77.78	134.35	0.00376	-84.85	127.28	0.00414
-88.39	123.74	0.00422	-91.92	120.21	0.00410
-94.05	118.09	0.00388	-95.46	116.67	0.00364
-96.87	115.26	0.00332	-98.29	113.84	0.00294
-99.70	112.43	0.00254	-112.43	99.70	0.00119
-113.84	98.29	0.00118	-115.26	96.87	0.00118
-116.67	95.46	0.00119	-118.09	94.05	0.00120

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTS:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00122	-123.74	88.39	0.00126
-127.28	84.85	0.00129	-134.35	77.78	0.00134

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	70.71	0.00133	-148.49	63.64	0.00129
-155.56	56.57	0.00123	-162.63	49.50	0.00115
-169.71	42.43	0.00107	-176.78	35.36	0.00099
-28.28	169.71	0.00135	-35.36	162.63	0.00162
-42.43	155.56	0.00196	-49.50	148.49	0.00238
-56.57	141.42	0.00289	-63.64	134.35	0.00349
-70.71	127.28	0.00415	-77.78	120.21	0.00482
-81.32	116.67	0.00514	-84.85	113.14	0.00538
-86.97	111.02	0.00544	-88.39	109.60	0.00541
-89.80	108.19	0.00534	-91.22	106.77	0.00516
-92.63	105.36	0.00481	-105.36	92.63	0.00167
-106.77	91.22	0.00171	-108.19	89.80	0.00174
-109.60	88.39	0.00177	-111.02	86.97	0.00179
-113.14	84.85	0.00183	-116.67	81.32	0.00186
-120.21	77.78	0.00187	-127.28	70.71	0.00184
-134.35	63.64	0.00175	-141.42	56.57	0.00163
-148.49	49.50	0.00150	-155.56	42.43	0.00137
-162.63	35.36	0.00124	-169.71	28.28	0.00113
-21.21	162.63	0.00129	-28.28	155.56	0.00156
-35.36	148.49	0.00190	-42.43	141.42	0.00234
-49.50	134.35	0.00290	-56.57	127.28	0.00358
-63.64	120.21	0.00436	-70.71	113.14	0.00521
-74.25	109.60	0.00565	-77.78	106.07	0.00604
-79.90	103.94	0.00621	-81.32	102.53	0.00628
-82.73	101.12	0.00631	-84.15	99.70	0.00636
-85.56	98.29	0.00632	-98.29	85.56	0.00311
-99.70	84.15	0.00296	-101.12	82.73	0.00285
-102.53	81.32	0.00278	-103.94	79.90	0.00272
-106.07	77.78	0.00266	-109.60	74.25	0.00258
-113.14	70.71	0.00250	-120.21	63.64	0.00234
-127.28	56.57	0.00214	-134.35	49.50	0.00194
-141.42	42.43	0.00174	-148.49	35.36	0.00156
-155.56	28.28	0.00140	-162.63	21.21	0.00126
-14.14	155.56	0.00122	-21.21	148.49	0.00147
-28.28	141.42	0.00180	-35.36	134.35	0.00223
-42.43	127.28	0.00280	-49.50	120.21	0.00352
-56.57	113.14	0.00438	-63.64	106.07	0.00534
-67.18	102.53	0.00582	-70.71	98.99	0.00626

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00645	-74.25	95.46	0.00653
-75.66	94.05	0.00656	-77.07	92.63	0.00657
-78.49	91.22	0.00653	-91.22	78.49	0.00389
-92.63	77.07	0.00377	-94.05	75.66	0.00367
-95.46	74.25	0.00358	-96.87	72.83	0.00350
-98.99	70.71	0.00339	-102.53	67.18	0.00323
-106.07	63.64	0.00309	-113.14	56.57	0.00280
-120.21	49.50	0.00251	-127.28	42.43	0.00223
-134.35	35.36	0.00197	-141.42	28.28	0.00175
-148.49	21.21	0.00155	-155.56	14.14	0.00137
-7.07	148.49	0.00112	-14.14	141.42	0.00135
-21.21	134.35	0.00165	-28.28	127.28	0.00205
-35.36	120.21	0.00260	-42.43	113.14	0.00332
-49.50	106.07	0.00424	-56.57	98.99	0.00530
-60.10	95.46	0.00581	-63.64	91.92	0.00628
-65.76	89.80	0.00649	-67.18	88.39	0.00658
-68.59	86.97	0.00661	-70.00	85.56	0.00660
-71.42	84.15	0.00657	-84.15	71.42	0.00416
-85.56	70.00	0.00409	-86.97	68.59	0.00404
-88.39	67.18	0.00399	-89.80	65.76	0.00394
-91.92	63.64	0.00386	-95.46	60.10	0.00371
-98.99	56.57	0.00355	-106.07	49.50	0.00320
-113.14	42.43	0.00284	-120.21	35.36	0.00249
-127.28	28.28	0.00218	-134.35	21.21	0.00190
-141.42	14.14	0.00167	-148.49	7.07	0.00147
0.00	141.42	0.00101	-7.07	134.35	0.00121
-14.14	127.28	0.00148	-21.21	120.21	0.00184
-28.28	113.14	0.00233	-35.36	106.07	0.00302
-42.43	98.99	0.00394	-49.50	91.92	0.00508
-53.03	88.39	0.00565	-56.57	84.85	0.00615
-58.69	82.73	0.00639	-60.10	81.32	0.00651
-61.52	79.90	0.00657	-62.93	78.49	0.00657
-64.35	77.07	0.00654	-77.07	64.35	0.00425
-78.49	62.93	0.00420	-79.90	61.52	0.00418
-81.32	60.10	0.00415	-82.73	58.69	0.00413
-84.85	56.57	0.00409	-88.39	53.03	0.00399
-91.92	49.50	0.00385	-98.99	42.43	0.00349
-106.07	35.36	0.00308	-113.14	28.28	0.00269
-120.21	21.21	0.00233	-127.28	14.14	0.00203
-134.35	7.07	0.00176	-141.42	0.00	0.00154

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

19:03:36

**MODELOPTs:

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*** Maximum train overlap at SE/NW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00089	0.00	127.28	0.00107
-7.07	120.21	0.00130	-14.14	113.14	0.00160
-21.21	106.07	0.00203	-28.28	98.99	0.00262
-35.36	91.92	0.00348	-42.43	84.85	0.00464
-45.96	81.32	0.00529	-49.50	77.78	0.00589
-51.62	75.66	0.00617	-53.03	74.25	0.00632
-54.45	72.83	0.00641	-55.86	71.42	0.00644
-57.28	70.00	0.00643	-70.00	57.28	0.00426
-71.42	55.86	0.00422	-72.83	54.45	0.00420
-74.25	53.03	0.00419	-75.66	51.62	0.00418
-77.78	49.50	0.00417	-81.32	45.96	0.00410
-84.85	42.43	0.00399	-91.92	35.36	0.00364
-98.99	28.28	0.00322	-106.07	21.21	0.00281
-113.14	14.14	0.00243	-120.21	7.07	0.00210
-127.28	0.00	0.00182	-134.35	-7.07	0.00158
14.14	127.28	0.00078	7.07	120.21	0.00093
0.00	113.14	0.00111	-7.07	106.07	0.00136
-14.14	98.99	0.00170	-21.21	91.92	0.00218
-28.28	84.85	0.00288	-35.36	77.78	0.00395
-38.89	74.25	0.00464	-42.43	70.71	0.00536
-44.55	68.59	0.00574	-45.96	67.18	0.00595
-47.38	65.76	0.00610	-48.79	64.35	0.00618
-50.20	62.93	0.00620	-62.93	50.20	0.00420
-64.35	48.79	0.00417	-65.76	47.38	0.00416
-67.18	45.96	0.00415	-68.59	44.55	0.00415
-70.71	42.43	0.00414	-74.25	38.89	0.00410
-77.78	35.36	0.00400	-84.85	28.28	0.00367
-91.92	21.21	0.00325	-98.99	14.14	0.00283
-106.07	7.07	0.00244	-113.14	0.00	0.00210
-120.21	-7.07	0.00181	-127.28	-14.14	0.00157
21.21	120.21	0.00068	14.14	113.14	0.00079
7.07	106.07	0.00094	0.00	98.99	0.00113
-7.07	91.92	0.00138	-14.14	84.85	0.00173
-21.21	77.78	0.00224	-28.28	70.71	0.00305

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-31.82	67.18	0.00365	-35.36	63.64	0.00440
-37.48	61.52	0.00488	-38.89	60.10	0.00518
-40.31	58.69	0.00544	-41.72	57.28	0.00564
-43.13	55.86	0.00577	-55.86	43.13	0.00408
-57.28	41.72	0.00405	-58.69	40.31	0.00404
-60.10	38.89	0.00404	-61.52	37.48	0.00404

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00403	-67.18	31.82	0.00398
-70.71	28.28	0.00388	-77.78	21.21	0.00356
-84.85	14.14	0.00315	-91.92	7.07	0.00274
-98.99	0.00	0.00236	-106.07	-7.07	0.00203
-113.14	-14.14	0.00176	-120.21	-21.21	0.00152
28.28	113.14	0.00058	21.21	106.07	0.00067
14.14	98.99	0.00078	7.07	91.92	0.00092
0.00	84.85	0.00109	-7.07	77.78	0.00132
-14.14	70.71	0.00164	-21.21	63.64	0.00213
-24.75	60.10	0.00249	-28.28	56.57	0.00300
-30.41	54.45	0.00340	-31.82	53.03	0.00371
-33.23	51.62	0.00405	-34.65	50.20	0.00441
-36.06	48.79	0.00474	-48.79	36.06	0.00388
-50.20	34.65	0.00384	-51.62	33.23	0.00382
-53.03	31.82	0.00381	-54.45	30.41	0.00380
-56.57	28.28	0.00377	-60.10	24.75	0.00370
-63.64	21.21	0.00358	-70.71	14.14	0.00327
-77.78	7.07	0.00290	-84.85	0.00	0.00253
-91.92	-7.07	0.00220	-98.99	-14.14	0.00191
-106.07	-21.21	0.00166	-113.14	-28.28	0.00145
35.36	106.07	0.00049	28.28	98.99	0.00056
21.21	91.92	0.00064	14.14	84.85	0.00074
7.07	77.78	0.00085	0.00	70.71	0.00099
-7.07	63.64	0.00116	-14.14	56.57	0.00138
-17.68	53.03	0.00153	-21.21	49.50	0.00170
-23.33	47.38	0.00182	-24.75	45.96	0.00192
-26.16	44.55	0.00205	-27.58	43.13	0.00221
-28.99	41.72	0.00246	-41.72	28.99	0.00340

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	27.58	0.00332	-44.55	26.16	0.00327
-45.96	24.75	0.00324	-47.38	23.33	0.00321
-49.50	21.21	0.00317	-53.03	17.68	0.00310
-56.57	14.14	0.00302	-63.64	7.07	0.00280
-70.71	0.00	0.00253	-77.78	-7.07	0.00225
-84.85	-14.14	0.00199	-91.92	-21.21	0.00175
-98.99	-28.28	0.00154	-106.07	-35.36	0.00136
42.43	98.99	0.00042	35.36	91.92	0.00046
28.28	84.85	0.00052	21.21	77.78	0.00058
14.14	70.71	0.00065	7.07	63.64	0.00073
0.00	56.57	0.00081	-7.07	49.50	0.00090
-10.61	45.96	0.00094	-14.14	42.43	0.00097

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00098	-17.68	38.89	0.00099
-19.09	37.48	0.00100	-20.51	36.06	0.00101
-21.92	34.65	0.00102	-34.65	21.92	0.00194
-36.06	20.51	0.00205	-37.48	19.09	0.00214
-38.89	17.68	0.00221	-40.31	16.26	0.00227
-42.43	14.14	0.00233	-45.96	10.61	0.00238
-49.50	7.07	0.00238	-56.57	0.00	0.00231
-63.64	-7.07	0.00215	-70.71	-14.14	0.00196
-77.78	-21.21	0.00177	-84.85	-28.28	0.00158
-91.92	-35.36	0.00141	-98.99	-42.43	0.00126
49.50	91.92	0.00035	42.43	84.85	0.00039
35.36	77.78	0.00042	28.28	70.71	0.00046
21.21	63.64	0.00051	14.14	56.57	0.00055
7.07	49.50	0.00060	0.00	42.43	0.00063
-3.54	38.89	0.00065	-7.07	35.36	0.00066
-9.19	33.23	0.00067	-10.61	31.82	0.00068
-12.02	30.41	0.00069	-13.44	28.99	0.00071
-14.85	27.58	0.00073	-27.58	14.85	0.00111
-28.99	13.44	0.00119	-30.41	12.02	0.00128
-31.82	10.61	0.00137	-33.23	9.19	0.00145
-35.36	7.07	0.00156	-38.89	3.54	0.00170
-42.43	0.00	0.00177	-49.50	-7.07	0.00182

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	-14.14	0.00177	-63.64	-21.21	0.00167
-70.71	-28.28	0.00154	-77.78	-35.36	0.00140
-84.85	-42.43	0.00127	-91.92	-49.50	0.00115
56.57	84.85	0.00030	49.50	77.78	0.00033
42.43	70.71	0.00035	35.36	63.64	0.00038
28.28	56.57	0.00041	21.21	49.50	0.00043
14.14	42.43	0.00046	7.07	35.36	0.00048
3.54	31.82	0.00048	0.00	28.28	0.00050
-2.12	26.16	0.00052	-3.54	24.75	0.00053
-4.95	23.33	0.00055	-6.36	21.92	0.00057
-7.78	20.51	0.00059	-20.51	7.78	0.00078
-21.92	6.36	0.00082	-23.33	4.95	0.00086
-24.75	3.54	0.00090	-26.16	2.12	0.00095
-28.28	0.00	0.00104	-31.82	-3.54	0.00116
-35.36	-7.07	0.00127	-42.43	-14.14	0.00139
-49.50	-21.21	0.00141	-56.57	-28.28	0.00137
-63.64	-35.36	0.00131	-70.71	-42.43	0.00122
-77.78	-49.50	0.00113	-84.85	-56.57	0.00104

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00026	56.57	70.71	0.00028
49.50	63.64	0.00029	42.43	56.57	0.00031
35.36	49.50	0.00033	28.28	42.43	0.00035
21.21	35.36	0.00036	14.14	28.28	0.00037
10.61	24.75	0.00039	7.07	21.21	0.00041
4.95	19.09	0.00043	3.54	17.68	0.00044
2.12	16.26	0.00046	0.71	14.85	0.00047
-0.71	13.44	0.00049	-13.44	0.71	0.00061
-14.85	-0.71	0.00062	-16.26	-2.12	0.00064
-17.68	-3.54	0.00066	-19.09	-4.95	0.00069
-21.21	-7.07	0.00073	-24.75	-10.61	0.00082
-28.28	-14.14	0.00090	-35.36	-21.21	0.00103
-42.43	-28.28	0.00110	-49.50	-35.36	0.00111
-56.57	-42.43	0.00109	-63.64	-49.50	0.00104
-70.71	-56.57	0.00098	-77.78	-63.64	0.00092
70.71	70.71	0.00022	63.64	63.64	0.00024

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

56.57	56.57	0.00025	49.50	49.50	0.00026
42.43	42.43	0.00027	35.36	35.36	0.00028
28.28	28.28	0.00029	21.21	21.21	0.00031
17.68	17.68	0.00033	14.14	14.14	0.00035
12.02	12.02	0.00036	10.61	10.61	0.00037
9.19	9.19	0.00039	7.78	7.78	0.00040
6.36	6.36	0.00042	-6.36	-6.36	0.00049
-7.78	-7.78	0.00050	-9.19	-9.19	0.00051
-10.61	-10.61	0.00052	-12.02	-12.02	0.00053
-14.14	-14.14	0.00055	-17.68	-17.68	0.00060
-21.21	-21.21	0.00066	-28.28	-28.28	0.00077
-35.36	-35.36	0.00085	-42.43	-42.43	0.00089
-49.50	-49.50	0.00090	-56.57	-56.57	0.00088
-63.64	-63.64	0.00085	-70.71	-70.71	0.00081
77.78	63.64	0.00019	70.71	56.57	0.00020
63.64	49.50	0.00021	56.57	42.43	0.00022
49.50	35.36	0.00022	42.43	28.28	0.00023
35.36	21.21	0.00024	28.28	14.14	0.00027
24.75	10.61	0.00028	21.21	7.07	0.00030
19.09	4.95	0.00031	17.68	3.54	0.00032
16.26	2.12	0.00033	14.85	0.71	0.00034
13.44	-0.71	0.00036	0.71	-13.44	0.00041
-0.71	-14.85	0.00041	-2.12	-16.26	0.00041
-3.54	-17.68	0.00042	-4.95	-19.09	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
 PAGE 93
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00044	-10.61	-24.75	0.00047
-14.14	-28.28	0.00050	-21.21	-35.36	0.00059
-28.28	-42.43	0.00066	-35.36	-49.50	0.00071
-42.43	-56.57	0.00073	-49.50	-63.64	0.00074
-56.57	-70.71	0.00072	-63.64	-77.78	0.00070
84.85	56.57	0.00017	77.78	49.50	0.00017
70.71	42.43	0.00018	63.64	35.36	0.00018
56.57	28.28	0.00019	49.50	21.21	0.00020
42.43	14.14	0.00021	35.36	7.07	0.00023
31.82	3.54	0.00024	28.28	0.00	0.00026

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

26.16	-2.12	0.00027	24.75	-3.54	0.00028
23.33	-4.95	0.00029	21.92	-6.36	0.00030
20.51	-7.78	0.00031	7.78	-20.51	0.00034
6.36	-21.92	0.00034	4.95	-23.33	0.00035
3.54	-24.75	0.00035	2.12	-26.16	0.00035
0.00	-28.28	0.00036	-3.54	-31.82	0.00038
-7.07	-35.36	0.00040	-14.14	-42.43	0.00046
-21.21	-49.50	0.00052	-28.28	-56.57	0.00057
-35.36	-63.64	0.00060	-42.43	-70.71	0.00061
-49.50	-77.78	0.00062	-56.57	-84.85	0.00061
91.92	49.50	0.00015	84.85	42.43	0.00015
77.78	35.36	0.00015	70.71	28.28	0.00016
63.64	21.21	0.00016	56.57	14.14	0.00017
49.50	7.07	0.00018	42.43	0.00	0.00020
38.89	-3.54	0.00021	35.36	-7.07	0.00023
33.23	-9.19	0.00024	31.82	-10.61	0.00024
30.41	-12.02	0.00025	28.99	-13.44	0.00026
27.58	-14.85	0.00027	14.85	-27.58	0.00029
13.44	-28.99	0.00029	12.02	-30.41	0.00029
10.61	-31.82	0.00030	9.19	-33.23	0.00030
7.07	-35.36	0.00030	3.54	-38.89	0.00031
0.00	-42.43	0.00033	-7.07	-49.50	0.00037
-14.14	-56.57	0.00041	-21.21	-63.64	0.00046
-28.28	-70.71	0.00049	-35.36	-77.78	0.00051
-42.43	-84.85	0.00052	-49.50	-91.92	0.00052
98.99	42.43	0.00013	91.92	35.36	0.00013
84.85	28.28	0.00013	77.78	21.21	0.00014
70.71	14.14	0.00014	63.64	7.07	0.00015
56.57	0.00	0.00016	49.50	-7.07	0.00018
45.96	-10.61	0.00019	42.43	-14.14	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00021	38.89	-17.68	0.00022
37.48	-19.09	0.00022	36.06	-20.51	0.00023
34.65	-21.92	0.00023	21.92	-34.65	0.00025
20.51	-36.06	0.00025	19.09	-37.48	0.00025

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

17.68	-38.89	0.00025	16.26	-40.31	0.00025
14.14	-42.43	0.00026	10.61	-45.96	0.00026
7.07	-49.50	0.00027	0.00	-56.57	0.00030
-7.07	-63.64	0.00034	-14.14	-70.71	0.00037
-21.21	-77.78	0.00040	-28.28	-84.85	0.00043
-35.36	-91.92	0.00044	-42.43	-98.99	0.00045
106.07	35.36	0.00011	98.99	28.28	0.00011
91.92	21.21	0.00012	84.85	14.14	0.00012
77.78	7.07	0.00013	70.71	0.00	0.00014
63.64	-7.07	0.00015	56.57	-14.14	0.00016
53.03	-17.68	0.00017	49.50	-21.21	0.00018
47.38	-23.33	0.00019	45.96	-24.75	0.00019
44.55	-26.16	0.00020	43.13	-27.58	0.00020
41.72	-28.99	0.00021	28.99	-41.72	0.00022
27.58	-43.13	0.00022	26.16	-44.55	0.00022
24.75	-45.96	0.00022	23.33	-47.38	0.00022
21.21	-49.50	0.00022	17.68	-53.03	0.00023
14.14	-56.57	0.00023	7.07	-63.64	0.00025
0.00	-70.71	0.00028	-7.07	-77.78	0.00031
-14.14	-84.85	0.00033	-21.21	-91.92	0.00036
-28.28	-98.99	0.00037	-35.36	-106.07	0.00038
113.14	28.28	0.00010	106.07	21.21	0.00010
98.99	14.14	0.00010	91.92	7.07	0.00011
84.85	0.00	0.00012	77.78	-7.07	0.00012
70.71	-14.14	0.00013	63.64	-21.21	0.00014
60.10	-24.75	0.00015	56.57	-28.28	0.00016
54.45	-30.41	0.00017	53.03	-31.82	0.00017
51.62	-33.23	0.00018	50.20	-34.65	0.00018
48.79	-36.06	0.00018	36.06	-48.79	0.00019
34.65	-50.20	0.00019	33.23	-51.62	0.00019
31.82	-53.03	0.00019	30.41	-54.45	0.00019
28.28	-56.57	0.00019	24.75	-60.10	0.00020
21.21	-63.64	0.00020	14.14	-70.71	0.00021
7.07	-77.78	0.00023	0.00	-84.85	0.00026
-7.07	-91.92	0.00028	-14.14	-98.99	0.00030
-21.21	-106.07	0.00032	-28.28	-113.14	0.00033

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00009	113.14	14.14	0.00009
106.07	7.07	0.00009	98.99	0.00	0.00010
91.92	-7.07	0.00010	84.85	-14.14	0.00011
77.78	-21.21	0.00012	70.71	-28.28	0.00013
67.18	-31.82	0.00014	63.64	-35.36	0.00014
61.52	-37.48	0.00015	60.10	-38.89	0.00015
58.69	-40.31	0.00016	57.28	-41.72	0.00016
55.86	-43.13	0.00016	43.13	-55.86	0.00017
41.72	-57.28	0.00017	40.31	-58.69	0.00017
38.89	-60.10	0.00017	37.48	-61.52	0.00017
35.36	-63.64	0.00017	31.82	-67.18	0.00017
28.28	-70.71	0.00018	21.21	-77.78	0.00019
14.14	-84.85	0.00020	7.07	-91.92	0.00022
0.00	-98.99	0.00024	-7.07	-106.07	0.00026
-14.14	-113.14	0.00027	-21.21	-120.21	0.00029
127.28	14.14	0.00008	120.21	7.07	0.00008
113.14	0.00	0.00009	106.07	-7.07	0.00009
98.99	-14.14	0.00010	91.92	-21.21	0.00010
84.85	-28.28	0.00011	77.78	-35.36	0.00012
74.25	-38.89	0.00012	70.71	-42.43	0.00013
68.59	-44.55	0.00014	67.18	-45.96	0.00014
65.76	-47.38	0.00014	64.35	-48.79	0.00014
62.93	-50.20	0.00015	50.20	-62.93	0.00015
48.79	-64.35	0.00015	47.38	-65.76	0.00015
45.96	-67.18	0.00015	44.55	-68.59	0.00015
42.43	-70.71	0.00015	38.89	-74.25	0.00015
35.36	-77.78	0.00016	28.28	-84.85	0.00016
21.21	-91.92	0.00017	14.14	-98.99	0.00019
7.07	-106.07	0.00020	0.00	-113.14	0.00022
-7.07	-120.21	0.00024	-14.14	-127.28	0.00025
134.35	7.07	0.00007	127.28	0.00	0.00007
120.21	-7.07	0.00008	113.14	-14.14	0.00008
106.07	-21.21	0.00009	98.99	-28.28	0.00009
91.92	-35.36	0.00010	84.85	-42.43	0.00011
81.32	-45.96	0.00011	77.78	-49.50	0.00012
75.66	-51.62	0.00012	74.25	-53.03	0.00013
72.83	-54.45	0.00013	71.42	-55.86	0.00013
70.00	-57.28	0.00013	57.28	-70.00	0.00014
55.86	-71.42	0.00014	54.45	-72.83	0.00014
53.03	-74.25	0.00014	51.62	-75.66	0.00014

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00014	45.96	-81.32	0.00014
42.43	-84.85	0.00014	35.36	-91.92	0.00014
28.28	-98.99	0.00015	21.21	-106.07	0.00016
14.14	-113.14	0.00018	7.07	-120.21	0.00019
0.00	-127.28	0.00020	-7.07	-134.35	0.00022
141.42	0.00	0.00007	134.35	-7.07	0.00007
127.28	-14.14	0.00007	120.21	-21.21	0.00008
113.14	-28.28	0.00008	106.07	-35.36	0.00008
98.99	-42.43	0.00009	91.92	-49.50	0.00010
88.39	-53.03	0.00010	84.85	-56.57	0.00011
82.73	-58.69	0.00011	81.32	-60.10	0.00011
79.90	-61.52	0.00012	78.49	-62.93	0.00012
77.07	-64.35	0.00012	64.35	-77.07	0.00012
62.93	-78.49	0.00012	61.52	-79.90	0.00012
60.10	-81.32	0.00012	58.69	-82.73	0.00012
56.57	-84.85	0.00012	53.03	-88.39	0.00012
49.50	-91.92	0.00013	42.43	-98.99	0.00013
35.36	-106.07	0.00014	28.28	-113.14	0.00014
21.21	-120.21	0.00015	14.14	-127.28	0.00017
7.07	-134.35	0.00018	0.00	-141.42	0.00019
148.49	-7.07	0.00006	141.42	-14.14	0.00006
134.35	-21.21	0.00007	127.28	-28.28	0.00007
120.21	-35.36	0.00007	113.14	-42.43	0.00008
106.07	-49.50	0.00008	98.99	-56.57	0.00009
95.46	-60.10	0.00010	91.92	-63.64	0.00010
89.80	-65.76	0.00010	88.39	-67.18	0.00010
86.97	-68.59	0.00011	85.56	-70.00	0.00011
84.15	-71.42	0.00011	71.42	-84.15	0.00011
70.00	-85.56	0.00011	68.59	-86.97	0.00011
67.18	-88.39	0.00011	65.76	-89.80	0.00011
63.64	-91.92	0.00011	60.10	-95.46	0.00011
56.57	-98.99	0.00011	49.50	-106.07	0.00012
42.43	-113.14	0.00012	35.36	-120.21	0.00013
28.28	-127.28	0.00014	21.21	-134.35	0.00015
14.14	-141.42	0.00016	7.07	-148.49	0.00017
155.56	-14.14	0.00006	148.49	-21.21	0.00006

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

141.42	-28.28	0.00006	134.35	-35.36	0.00007
127.28	-42.43	0.00007	120.21	-49.50	0.00007
113.14	-56.57	0.00008	106.07	-63.64	0.00008
102.53	-67.18	0.00009	98.99	-70.71	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00010	95.46	-74.25	0.00010
94.05	-75.66	0.00010	92.63	-77.07	0.00010
91.22	-78.49	0.00010	78.49	-91.22	0.00010
77.07	-92.63	0.00010	75.66	-94.05	0.00010
74.25	-95.46	0.00010	72.83	-96.87	0.00010
70.71	-98.99	0.00010	67.18	-102.53	0.00010
63.64	-106.07	0.00010	56.57	-113.14	0.00011
49.50	-120.21	0.00011	42.43	-127.28	0.00011
35.36	-134.35	0.00012	28.28	-141.42	0.00013
21.21	-148.49	0.00014	14.14	-155.56	0.00015
162.63	-21.21	0.00005	155.56	-28.28	0.00006
148.49	-35.36	0.00006	141.42	-42.43	0.00006
134.35	-49.50	0.00006	127.28	-56.57	0.00007
120.21	-63.64	0.00007	113.14	-70.71	0.00008
109.60	-74.25	0.00008	106.07	-77.78	0.00009
103.94	-79.90	0.00009	102.53	-81.32	0.00009
101.12	-82.73	0.00009	99.70	-84.15	0.00009
98.29	-85.56	0.00009	85.56	-98.29	0.00009
84.15	-99.70	0.00009	82.73	-101.12	0.00009
81.32	-102.53	0.00009	79.90	-103.94	0.00009
77.78	-106.07	0.00009	74.25	-109.60	0.00009
70.71	-113.14	0.00009	63.64	-120.21	0.00010
56.57	-127.28	0.00010	49.50	-134.35	0.00010
42.43	-141.42	0.00011	35.36	-148.49	0.00012
28.28	-155.56	0.00012	21.21	-162.63	0.00013
169.71	-28.28	0.00005	162.63	-35.36	0.00005
155.56	-42.43	0.00005	148.49	-49.50	0.00006
141.42	-56.57	0.00006	134.35	-63.64	0.00006
127.28	-70.71	0.00007	120.21	-77.78	0.00007
116.67	-81.32	0.00008	113.14	-84.85	0.00008

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

111.02	-86.97	0.00008	109.60	-88.39	0.00008
108.19	-89.80	0.00008	106.77	-91.22	0.00008
105.36	-92.63	0.00008	92.63	-105.36	0.00009
91.22	-106.77	0.00009	89.80	-108.19	0.00009
88.39	-109.60	0.00009	86.97	-111.02	0.00009
84.85	-113.14	0.00009	81.32	-116.67	0.00009
77.78	-120.21	0.00009	70.71	-127.28	0.00009
63.64	-134.35	0.00009	56.57	-141.42	0.00009
49.50	-148.49	0.00010	42.43	-155.56	0.00010
35.36	-162.63	0.00011	28.28	-169.71	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00005	169.71	-42.43	0.00005
162.63	-49.50	0.00005	155.56	-56.57	0.00005
148.49	-63.64	0.00006	141.42	-70.71	0.00006
134.35	-77.78	0.00006	127.28	-84.85	0.00007
123.74	-88.39	0.00007	120.21	-91.92	0.00007
118.09	-94.05	0.00008	116.67	-95.46	0.00008
115.26	-96.87	0.00008	113.84	-98.29	0.00008
112.43	-99.70	0.00008	99.70	-112.43	0.00008
98.29	-113.84	0.00008	96.87	-115.26	0.00008
95.46	-116.67	0.00008	94.05	-118.09	0.00008
91.92	-120.21	0.00008	88.39	-123.74	0.00008
84.85	-127.28	0.00008	77.78	-134.35	0.00008
70.71	-141.42	0.00008	63.64	-148.49	0.00009
56.57	-155.56	0.00009	49.50	-162.63	0.00009
42.43	-169.71	0.00010	35.36	-176.78	0.00010
183.85	-42.43	0.00004	176.78	-49.50	0.00005
169.71	-56.57	0.00005	162.63	-63.64	0.00005
155.56	-70.71	0.00005	148.49	-77.78	0.00005
141.42	-84.85	0.00006	134.35	-91.92	0.00006
130.81	-95.46	0.00007	127.28	-98.99	0.00007
125.16	-101.12	0.00007	123.74	-102.53	0.00007
122.33	-103.94	0.00007	120.92	-105.36	0.00007
119.50	-106.77	0.00007	106.77	-119.50	0.00007
105.36	-120.92	0.00007	103.94	-122.33	0.00007

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

102.53	-123.74	0.00007	101.12	-125.16	0.00007
98.99	-127.28	0.00007	95.46	-130.81	0.00007
91.92	-134.35	0.00007	84.85	-141.42	0.00007
77.78	-148.49	0.00008	70.71	-155.56	0.00008
63.64	-162.63	0.00008	56.57	-169.71	0.00008
49.50	-176.78	0.00009	42.43	-183.85	0.00009
190.92	-49.50	0.00004	183.85	-56.57	0.00004
176.78	-63.64	0.00004	169.71	-70.71	0.00005
162.63	-77.78	0.00005	155.56	-84.85	0.00005
148.49	-91.92	0.00006	141.42	-98.99	0.00006
137.89	-102.53	0.00006	134.35	-106.07	0.00006
132.23	-108.19	0.00007	130.81	-109.60	0.00007
129.40	-111.02	0.00007	127.99	-112.43	0.00007
126.57	-113.84	0.00007	113.84	-126.57	0.00007
112.43	-127.99	0.00007	111.02	-129.40	0.00007
109.60	-130.81	0.00007	108.19	-132.23	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00007	102.53	-137.89	0.00007
98.99	-141.42	0.00007	91.92	-148.49	0.00007
84.85	-155.56	0.00007	77.78	-162.63	0.00007
70.71	-169.71	0.00007	63.64	-176.78	0.00008
56.57	-183.85	0.00008	49.50	-190.92	0.00009
197.99	-56.57	0.00004	190.92	-63.64	0.00004
183.85	-70.71	0.00004	176.78	-77.78	0.00004
169.71	-84.85	0.00005	162.63	-91.92	0.00005
155.56	-98.99	0.00005	148.49	-106.07	0.00006
144.96	-109.60	0.00006	141.42	-113.14	0.00006
139.30	-115.26	0.00006	137.89	-116.67	0.00006
136.47	-118.09	0.00006	135.06	-119.50	0.00006
133.64	-120.92	0.00006	120.92	-133.64	0.00006
119.50	-135.06	0.00006	118.09	-136.47	0.00006
116.67	-137.89	0.00006	115.26	-139.30	0.00006
113.14	-141.42	0.00006	109.60	-144.96	0.00006
106.07	-148.49	0.00006	98.99	-155.56	0.00006
91.92	-162.63	0.00007	84.85	-169.71	0.00007

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-176.78	0.00007	70.71	-183.85	0.00007
63.64	-190.92	0.00007	56.57	-197.99	0.00008
205.06	-63.64	0.00004	197.99	-70.71	0.00004
190.92	-77.78	0.00004	183.85	-84.85	0.00004
176.78	-91.92	0.00004	169.71	-98.99	0.00005
162.63	-106.07	0.00005	155.56	-113.14	0.00005
152.03	-116.67	0.00006	148.49	-120.21	0.00006
146.37	-122.33	0.00006	144.96	-123.74	0.00006
143.54	-125.16	0.00006	142.13	-126.57	0.00006
140.71	-127.99	0.00006	127.99	-140.71	0.00006
126.57	-142.13	0.00006	125.16	-143.54	0.00006
123.74	-144.96	0.00006	122.33	-146.37	0.00006
120.21	-148.49	0.00006	116.67	-152.03	0.00006
113.14	-155.56	0.00006	106.07	-162.63	0.00006
98.99	-169.71	0.00006	91.92	-176.78	0.00006
84.85	-183.85	0.00006	77.78	-190.92	0.00007
70.71	-197.99	0.00007	63.64	-205.06	0.00007
212.13	-70.71	0.00004	205.06	-77.78	0.00004
197.99	-84.85	0.00004	190.92	-91.92	0.00004
183.85	-98.99	0.00004	176.78	-106.07	0.00004
169.71	-113.14	0.00005	162.63	-120.21	0.00005
159.10	-123.74	0.00005	155.56	-127.28	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

19:03:36

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00005	152.03	-130.81	0.00005
150.61	-132.23	0.00005	149.20	-133.64	0.00006
147.79	-135.06	0.00006	135.06	-147.79	0.00006
133.64	-149.20	0.00006	132.23	-150.61	0.00006
130.81	-152.03	0.00006	129.40	-153.44	0.00006
127.28	-155.56	0.00006	123.74	-159.10	0.00006
120.21	-162.63	0.00006	113.14	-169.71	0.00006
106.07	-176.78	0.00006	98.99	-183.85	0.00006
91.92	-190.92	0.00006	84.85	-197.99	0.00006
77.78	-205.06	0.00006	70.71	-212.13	0.00007
219.20	-77.78	0.00003	212.13	-84.85	0.00003
205.06	-91.92	0.00004	197.99	-98.99	0.00004

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-106.07	0.00004	183.85	-113.14	0.00004
176.78	-120.21	0.00004	169.71	-127.28	0.00005
166.17	-130.81	0.00005	162.63	-134.35	0.00005
160.51	-136.47	0.00005	159.10	-137.89	0.00005
157.68	-139.30	0.00005	156.27	-140.71	0.00005
154.86	-142.13	0.00005	142.13	-154.86	0.00005
140.71	-156.27	0.00005	139.30	-157.68	0.00005
137.89	-159.10	0.00005	136.47	-160.51	0.00005
134.35	-162.63	0.00005	130.81	-166.17	0.00005
127.28	-169.71	0.00005	120.21	-176.78	0.00005
113.14	-183.85	0.00005	106.07	-190.92	0.00005
98.99	-197.99	0.00006	91.92	-205.06	0.00006
84.85	-212.13	0.00006	77.78	-219.20	0.00006
226.27	-84.85	0.00003	219.20	-91.92	0.00003
212.13	-98.99	0.00003	205.06	-106.07	0.00004
197.99	-113.14	0.00004	190.92	-120.21	0.00004
183.85	-127.28	0.00004	176.78	-134.35	0.00005
173.24	-137.89	0.00005	169.71	-141.42	0.00005
167.58	-143.54	0.00005	166.17	-144.96	0.00005
164.76	-146.37	0.00005	163.34	-147.79	0.00005
161.93	-149.20	0.00005	149.20	-161.93	0.00005
147.79	-163.34	0.00005	146.37	-164.76	0.00005
144.96	-166.17	0.00005	143.54	-167.58	0.00005
141.42	-169.71	0.00005	137.89	-173.24	0.00005
134.35	-176.78	0.00005	127.28	-183.85	0.00005
120.21	-190.92	0.00005	113.14	-197.99	0.00005
106.07	-205.06	0.00005	98.99	-212.13	0.00005
91.92	-219.20	0.00005	84.85	-226.27	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00003	226.27	-98.99	0.00003
219.20	-106.07	0.00003	212.13	-113.14	0.00003
205.06	-120.21	0.00004	197.99	-127.28	0.00004
190.92	-134.35	0.00004	183.85	-141.42	0.00004
180.31	-144.96	0.00004	176.78	-148.49	0.00004
174.66	-150.61	0.00005	173.24	-152.03	0.00005

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

171.83	-153.44	0.00005	170.41	-154.86	0.00005
169.00	-156.27	0.00005	156.27	-169.00	0.00005
154.86	-170.41	0.00005	153.44	-171.83	0.00005
152.03	-173.24	0.00005	150.61	-174.66	0.00005
148.49	-176.78	0.00005	144.96	-180.31	0.00005
141.42	-183.85	0.00005	134.35	-190.92	0.00005
127.28	-197.99	0.00005	120.21	-205.06	0.00005
113.14	-212.13	0.00005	106.07	-219.20	0.00005
98.99	-226.27	0.00005	91.92	-233.35	0.00005
240.42	-98.99	0.00003	233.35	-106.07	0.00003
226.27	-113.14	0.00003	219.20	-120.21	0.00003
212.13	-127.28	0.00003	205.06	-134.35	0.00004
197.99	-141.42	0.00004	190.92	-148.49	0.00004
187.38	-152.03	0.00004	183.85	-155.56	0.00004
181.73	-157.68	0.00004	180.31	-159.10	0.00004
178.90	-160.51	0.00004	177.48	-161.93	0.00004
176.07	-163.34	0.00004	163.34	-176.07	0.00004
161.93	-177.48	0.00004	160.51	-178.90	0.00004
159.10	-180.31	0.00004	157.68	-181.73	0.00004
155.56	-183.85	0.00004	152.03	-187.38	0.00004
148.49	-190.92	0.00004	141.42	-197.99	0.00004
134.35	-205.06	0.00004	127.28	-212.13	0.00004
120.21	-219.20	0.00005	113.14	-226.27	0.00005
106.07	-233.35	0.00005	98.99	-240.42	0.00005
247.49	-106.07	0.00003	240.42	-113.14	0.00003
233.35	-120.21	0.00003	226.27	-127.28	0.00003
219.20	-134.35	0.00003	212.13	-141.42	0.00003
205.06	-148.49	0.00004	197.99	-155.56	0.00004
194.45	-159.10	0.00004	190.92	-162.63	0.00004
188.80	-164.76	0.00004	187.38	-166.17	0.00004
185.97	-167.58	0.00004	184.55	-169.00	0.00004
183.14	-170.41	0.00004	170.41	-183.14	0.00004
169.00	-184.55	0.00004	167.58	-185.97	0.00004
166.17	-187.38	0.00004	164.76	-188.80	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

162.63	-190.92	0.00004	159.10	-194.45	0.00004
155.56	-197.99	0.00004	148.49	-205.06	0.00004
141.42	-212.13	0.00004	134.35	-219.20	0.00004
127.28	-226.27	0.00004	120.21	-233.35	0.00004
113.14	-240.42	0.00004	106.07	-247.49	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00140	-113.14	240.42	0.00164
-120.21	233.35	0.00193	-127.28	226.27	0.00226
-134.35	219.20	0.00260	-141.42	212.13	0.00294
-148.49	205.06	0.00321	-155.56	197.99	0.00325
-159.10	194.45	0.00308	-162.63	190.92	0.00271
-164.76	188.80	0.00239	-166.17	187.38	0.00216
-167.58	185.97	0.00193	-169.00	184.55	0.00171
-170.41	183.14	0.00151	-183.14	170.41	0.00096
-184.55	169.00	0.00095	-185.97	167.58	0.00094
-187.38	166.17	0.00094	-188.80	164.76	0.00093
-190.92	162.63	0.00093	-194.45	159.10	0.00094
-197.99	155.56	0.00095	-205.06	148.49	0.00098
-212.13	141.42	0.00099	-219.20	134.35	0.00099
-226.27	127.28	0.00097	-233.35	120.21	0.00094
-240.42	113.14	0.00089	-247.49	106.07	0.00084
-98.99	240.42	0.00138	-106.07	233.35	0.00165
-113.14	226.27	0.00197	-120.21	219.20	0.00235
-127.28	212.13	0.00279	-134.35	205.06	0.00327
-141.42	197.99	0.00376	-148.49	190.92	0.00414
-152.03	187.38	0.00422	-155.56	183.85	0.00410
-157.68	181.73	0.00388	-159.10	180.31	0.00364
-160.51	178.90	0.00332	-161.93	177.48	0.00294
-163.34	176.07	0.00254	-176.07	163.34	0.00119
-177.48	161.93	0.00118	-178.90	160.51	0.00118
-180.31	159.10	0.00119	-181.73	157.68	0.00120
-183.85	155.56	0.00122	-187.38	152.03	0.00126
-190.92	148.49	0.00129	-197.99	141.42	0.00134
-205.06	134.35	0.00133	-212.13	127.28	0.00129
-219.20	120.21	0.00123	-226.27	113.14	0.00115

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-233.35	106.07	0.00107	-240.42	98.99	0.00099
-91.92	233.35	0.00135	-99.00	226.27	0.00162
-106.07	219.20	0.00196	-113.14	212.13	0.00238
-120.21	205.06	0.00289	-127.28	197.99	0.00349
-134.35	190.92	0.00415	-141.42	183.85	0.00482
-144.96	180.31	0.00514	-148.49	176.78	0.00538
-150.61	174.66	0.00544	-152.03	173.24	0.00541
-153.44	171.83	0.00534	-154.86	170.41	0.00516
-156.27	169.00	0.00481	-169.00	156.27	0.00167
-170.41	154.86	0.00171	-171.83	153.44	0.00174
-173.24	152.03	0.00177	-174.66	150.61	0.00179

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
 PAGE 104
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00183	-180.31	144.96	0.00186
-183.85	141.42	0.00187	-190.92	134.35	0.00184
-197.99	127.28	0.00175	-205.06	120.21	0.00163
-212.13	113.14	0.00150	-219.20	106.07	0.00137
-226.27	98.99	0.00124	-233.35	91.92	0.00113
-84.85	226.27	0.00129	-91.92	219.20	0.00156
-99.00	212.13	0.00190	-106.07	205.06	0.00234
-113.14	197.99	0.00290	-120.21	190.92	0.00358
-127.28	183.85	0.00436	-134.35	176.78	0.00521
-137.89	173.24	0.00565	-141.42	169.71	0.00604
-143.54	167.58	0.00621	-144.96	166.17	0.00628
-146.37	164.76	0.00631	-147.79	163.34	0.00636
-149.20	161.93	0.00632	-161.93	149.20	0.00311
-163.34	147.79	0.00296	-164.76	146.37	0.00285
-166.17	144.96	0.00278	-167.58	143.54	0.00272
-169.71	141.42	0.00266	-173.24	137.89	0.00258
-176.78	134.35	0.00250	-183.85	127.28	0.00234
-190.92	120.21	0.00214	-197.99	113.14	0.00194
-205.06	106.07	0.00174	-212.13	98.99	0.00156
-219.20	91.92	0.00140	-226.27	84.85	0.00126
-77.78	219.20	0.00122	-84.85	212.13	0.00147
-91.92	205.06	0.00180	-99.00	197.99	0.00223
-106.07	190.92	0.00280	-113.14	183.85	0.00352

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-127.99	140.71	0.00654	-140.71	127.99	0.00425
-142.13	126.57	0.00420	-143.54	125.16	0.00418
-144.96	123.74	0.00415	-146.37	122.33	0.00413
-148.49	120.21	0.00409	-152.03	116.67	0.00399
-155.56	113.14	0.00385	-162.63	106.07	0.00349
-169.71	98.99	0.00308	-176.78	91.92	0.00269
-183.85	84.85	0.00233	-190.92	77.78	0.00203
-197.99	70.71	0.00176	-205.06	63.64	0.00154
-56.57	197.99	0.00089	-63.64	190.92	0.00107
-70.71	183.85	0.00130	-77.78	176.78	0.00160
-84.85	169.71	0.00203	-91.92	162.63	0.00262
-98.99	155.56	0.00348	-106.07	148.49	0.00464
-109.60	144.96	0.00529	-113.14	141.42	0.00589
-115.26	139.30	0.00617	-116.67	137.89	0.00632
-118.09	136.47	0.00641	-119.50	135.06	0.00644
-120.92	133.64	0.00643	-133.64	120.92	0.00426
-135.06	119.50	0.00422	-136.47	118.09	0.00420
-137.89	116.67	0.00419	-139.30	115.26	0.00418
-141.42	113.14	0.00417	-144.96	109.60	0.00410
-148.49	106.07	0.00399	-155.56	98.99	0.00364
-162.63	91.92	0.00322	-169.71	84.85	0.00281
-176.78	77.78	0.00243	-183.85	70.71	0.00210
-190.92	63.64	0.00182	-197.99	56.57	0.00158

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00078	-56.57	183.85	0.00093
-63.64	176.78	0.00111	-70.71	169.71	0.00136
-77.78	162.63	0.00170	-84.85	155.56	0.00218
-91.92	148.49	0.00288	-98.99	141.42	0.00395
-102.53	137.89	0.00464	-106.07	134.35	0.00536
-108.19	132.23	0.00574	-109.60	130.81	0.00595
-111.02	129.40	0.00610	-112.43	127.99	0.00618
-113.84	126.57	0.00620	-126.57	113.84	0.00420
-127.99	112.43	0.00417	-129.40	111.02	0.00416
-130.81	109.60	0.00415	-132.23	108.19	0.00415
-134.35	106.07	0.00414	-137.89	102.53	0.00410

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-141.42	98.99	0.00400	-148.49	91.92	0.00367
-155.56	84.85	0.00325	-162.63	77.78	0.00283
-169.71	70.71	0.00244	-176.78	63.64	0.00210
-183.85	56.57	0.00181	-190.92	49.50	0.00157
-42.43	183.85	0.00068	-49.50	176.78	0.00079
-56.57	169.71	0.00094	-63.64	162.63	0.00113
-70.71	155.56	0.00138	-77.78	148.49	0.00173
-84.85	141.42	0.00224	-91.92	134.35	0.00305
-95.46	130.81	0.00365	-98.99	127.28	0.00440
-101.12	125.16	0.00488	-102.53	123.74	0.00518
-103.94	122.33	0.00544	-105.36	120.92	0.00564
-106.77	119.50	0.00577	-119.50	106.77	0.00408
-120.92	105.36	0.00405	-122.33	103.94	0.00404
-123.74	102.53	0.00404	-125.16	101.12	0.00404
-127.28	98.99	0.00403	-130.81	95.46	0.00398
-134.35	91.92	0.00388	-141.42	84.85	0.00356
-148.49	77.78	0.00315	-155.56	70.71	0.00274
-162.63	63.64	0.00236	-169.71	56.57	0.00203
-176.78	49.50	0.00176	-183.85	42.43	0.00152
-35.36	176.78	0.00058	-42.43	169.71	0.00067
-49.50	162.63	0.00078	-56.57	155.56	0.00092
-63.64	148.49	0.00109	-70.71	141.42	0.00132
-77.78	134.35	0.00164	-84.85	127.28	0.00213
-88.39	123.74	0.00249	-91.92	120.21	0.00300
-94.05	118.09	0.00340	-95.46	116.67	0.00371
-96.87	115.26	0.00405	-98.29	113.84	0.00441
-99.70	112.43	0.00474	-112.43	99.70	0.00388
-113.84	98.29	0.00384	-115.26	96.87	0.00382
-116.67	95.46	0.00381	-118.09	94.05	0.00380

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
 PAGE 107
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00377	-123.74	88.39	0.00370
-127.28	84.85	0.00358	-134.35	77.78	0.00327
-141.42	70.71	0.00290	-148.49	63.64	0.00253
-155.56	56.57	0.00220	-162.63	49.50	0.00191
-169.71	42.43	0.00166	-176.78	35.36	0.00145

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-28.28	169.71	0.00049	-35.36	162.63	0.00056
-42.43	155.56	0.00064	-49.50	148.49	0.00074
-56.57	141.42	0.00085	-63.64	134.35	0.00099
-70.71	127.28	0.00116	-77.78	120.21	0.00138
-81.32	116.67	0.00153	-84.85	113.14	0.00170
-86.97	111.02	0.00182	-88.39	109.60	0.00192
-89.80	108.19	0.00205	-91.22	106.77	0.00221
-92.63	105.36	0.00246	-105.36	92.63	0.00340
-106.77	91.22	0.00332	-108.19	89.80	0.00327
-109.60	88.39	0.00324	-111.02	86.97	0.00321
-113.14	84.85	0.00317	-116.67	81.32	0.00310
-120.21	77.78	0.00302	-127.28	70.71	0.00280
-134.35	63.64	0.00253	-141.42	56.57	0.00225
-148.49	49.50	0.00199	-155.56	42.43	0.00175
-162.63	35.36	0.00154	-169.71	28.28	0.00136
-21.21	162.63	0.00042	-28.28	155.56	0.00046
-35.36	148.49	0.00052	-42.43	141.42	0.00058
-49.50	134.35	0.00065	-56.57	127.28	0.00073
-63.64	120.21	0.00081	-70.71	113.14	0.00090
-74.25	109.60	0.00094	-77.78	106.07	0.00097
-79.90	103.94	0.00098	-81.32	102.53	0.00099
-82.73	101.12	0.00100	-84.15	99.70	0.00101
-85.56	98.29	0.00102	-98.29	85.56	0.00194
-99.70	84.15	0.00205	-101.12	82.73	0.00214
-102.53	81.32	0.00221	-103.94	79.90	0.00227
-106.07	77.78	0.00233	-109.60	74.25	0.00238
-113.14	70.71	0.00238	-120.21	63.64	0.00231
-127.28	56.57	0.00215	-134.35	49.50	0.00196
-141.42	42.43	0.00177	-148.49	35.36	0.00158
-155.56	28.28	0.00141	-162.63	21.21	0.00126
-14.14	155.56	0.00035	-21.21	148.49	0.00039
-28.28	141.42	0.00042	-35.36	134.35	0.00046
-42.43	127.28	0.00051	-49.50	120.21	0.00055
-56.57	113.14	0.00060	-63.64	106.07	0.00063
-67.18	102.53	0.00065	-70.71	98.99	0.00066

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***
 19:03:36
 **MODELOPTs:
 PAGE 108
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

 INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00067	-74.25	95.46	0.00068
-75.66	94.05	0.00069	-77.07	92.63	0.00071
-78.49	91.22	0.00073	-91.22	78.49	0.00111
-92.63	77.07	0.00119	-94.05	75.66	0.00128
-95.46	74.25	0.00137	-96.87	72.83	0.00145
-98.99	70.71	0.00156	-102.53	67.18	0.00170
-106.07	63.64	0.00177	-113.14	56.57	0.00182
-120.21	49.50	0.00177	-127.28	42.43	0.00167
-134.35	35.36	0.00154	-141.42	28.28	0.00140
-148.49	21.21	0.00127	-155.56	14.14	0.00115
-7.07	148.49	0.00030	-14.14	141.42	0.00033
-21.21	134.35	0.00035	-28.28	127.28	0.00038
-35.36	120.21	0.00041	-42.43	113.14	0.00043
-49.50	106.07	0.00046	-56.57	98.99	0.00047
-60.10	95.46	0.00048	-63.64	91.92	0.00050
-65.76	89.80	0.00052	-67.18	88.39	0.00053
-68.59	86.97	0.00055	-70.00	85.56	0.00057
-71.42	84.15	0.00059	-84.15	71.42	0.00078
-85.56	70.00	0.00082	-86.97	68.59	0.00086
-88.39	67.18	0.00090	-89.80	65.76	0.00095
-91.92	63.64	0.00104	-95.46	60.10	0.00116
-98.99	56.57	0.00127	-106.07	49.50	0.00139
-113.14	42.43	0.00141	-120.21	35.36	0.00137
-127.28	28.28	0.00131	-134.35	21.21	0.00122
-141.42	14.14	0.00113	-148.49	7.07	0.00104
0.00	141.42	0.00026	-7.07	134.35	0.00028
-14.14	127.28	0.00029	-21.21	120.21	0.00031
-28.28	113.14	0.00033	-35.36	106.07	0.00035
-42.43	98.99	0.00036	-49.50	91.92	0.00037
-53.03	88.39	0.00039	-56.57	84.85	0.00041
-58.69	82.73	0.00043	-60.10	81.32	0.00044
-61.52	79.90	0.00046	-62.93	78.49	0.00047
-64.35	77.07	0.00049	-77.07	64.35	0.00061
-78.49	62.93	0.00062	-79.90	61.52	0.00064
-81.32	60.10	0.00066	-82.73	58.69	0.00069
-84.85	56.57	0.00073	-88.39	53.03	0.00082
-91.92	49.50	0.00090	-98.99	42.43	0.00103
-106.07	35.36	0.00110	-113.14	28.28	0.00111
-120.21	21.21	0.00109	-127.28	14.14	0.00104
-134.35	7.07	0.00098	-141.42	0.00	0.00092

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

19:03:36

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00022	0.00	127.28	0.00024
-7.07	120.21	0.00025	-14.14	113.14	0.00026
-21.21	106.07	0.00027	-28.28	98.99	0.00028
-35.36	91.92	0.00029	-42.43	84.85	0.00031
-45.96	81.32	0.00033	-49.50	77.78	0.00035
-51.62	75.66	0.00036	-53.03	74.25	0.00037
-54.45	72.83	0.00039	-55.86	71.42	0.00040
-57.28	70.00	0.00042	-70.00	57.28	0.00049
-71.42	55.86	0.00050	-72.83	54.45	0.00051
-74.25	53.03	0.00052	-75.66	51.62	0.00053
-77.78	49.50	0.00055	-81.32	45.96	0.00060
-84.85	42.43	0.00066	-91.92	35.36	0.00077
-98.99	28.28	0.00085	-106.07	21.21	0.00089
-113.14	14.14	0.00090	-120.21	7.07	0.00088
-127.28	0.00	0.00085	-134.35	-7.07	0.00081
14.14	127.28	0.00019	7.07	120.21	0.00020
0.00	113.14	0.00021	-7.07	106.07	0.00022
-14.14	98.99	0.00022	-21.21	91.92	0.00023
-28.28	84.85	0.00024	-35.36	77.78	0.00027
-38.89	74.25	0.00028	-42.43	70.71	0.00030
-44.55	68.59	0.00031	-45.96	67.18	0.00032
-47.38	65.76	0.00033	-48.79	64.35	0.00034
-50.20	62.93	0.00036	-62.93	50.20	0.00041
-64.35	48.79	0.00041	-65.76	47.38	0.00041
-67.18	45.96	0.00042	-68.59	44.55	0.00042
-70.71	42.43	0.00044	-74.25	38.89	0.00047
-77.78	35.36	0.00050	-84.85	28.28	0.00059
-91.92	21.21	0.00066	-98.99	14.14	0.00071
-106.07	7.07	0.00073	-113.14	0.00	0.00074
-120.21	-7.07	0.00072	-127.28	-14.14	0.00070
21.21	120.21	0.00017	14.14	113.14	0.00017
7.07	106.07	0.00018	0.00	98.99	0.00018
-7.07	91.92	0.00019	-14.14	84.85	0.00020
-21.21	77.78	0.00021	-28.28	70.71	0.00023
-31.82	67.18	0.00024	-35.36	63.64	0.00026
-37.48	61.52	0.00027	-38.89	60.10	0.00028
-40.31	58.69	0.00029	-41.72	57.28	0.00030

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-43.13	55.86	0.00031	-55.86	43.13	0.00034
-57.28	41.72	0.00034	-58.69	40.31	0.00035
-60.10	38.89	0.00035	-61.52	37.48	0.00035

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00036	-67.18	31.82	0.00038
-70.71	28.28	0.00040	-77.78	21.21	0.00046
-84.85	14.14	0.00052	-91.92	7.07	0.00057
-98.99	0.00	0.00060	-106.07	-7.07	0.00061
-113.14	-14.14	0.00062	-120.21	-21.21	0.00061
28.28	113.14	0.00015	21.21	106.07	0.00015
14.14	98.99	0.00015	7.07	91.92	0.00016
0.00	84.85	0.00016	-7.07	77.78	0.00017
-14.14	70.71	0.00018	-21.21	63.64	0.00020
-24.75	60.10	0.00021	-28.28	56.57	0.00023
-30.41	54.45	0.00024	-31.82	53.03	0.00024
-33.23	51.62	0.00025	-34.65	50.20	0.00026
-36.06	48.79	0.00027	-48.79	36.06	0.00029
-50.20	34.65	0.00029	-51.62	33.23	0.00029
-53.03	31.82	0.00030	-54.45	30.41	0.00030
-56.57	28.28	0.00030	-60.10	24.75	0.00031
-63.64	21.21	0.00033	-70.71	14.14	0.00037
-77.78	7.07	0.00041	-84.85	0.00	0.00046
-91.92	-7.07	0.00049	-98.99	-14.14	0.00051
-106.07	-21.21	0.00052	-113.14	-28.28	0.00052
35.36	106.07	0.00013	28.28	98.99	0.00013
21.21	91.92	0.00013	14.14	84.85	0.00014
7.07	77.78	0.00014	0.00	70.71	0.00015
-7.07	63.64	0.00016	-14.14	56.57	0.00018
-17.68	53.03	0.00019	-21.21	49.50	0.00020
-23.33	47.38	0.00021	-24.75	45.96	0.00022
-26.16	44.55	0.00022	-27.58	43.13	0.00023
-28.99	41.72	0.00023	-41.72	28.99	0.00025
-43.13	27.58	0.00025	-44.55	26.16	0.00025
-45.96	24.75	0.00025	-47.38	23.33	0.00025
-49.50	21.21	0.00026	-53.03	17.68	0.00026

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-56.57	14.14	0.00027	-63.64	7.07	0.00030
-70.71	0.00	0.00034	-77.78	-7.07	0.00037
-84.85	-14.14	0.00040	-91.92	-21.21	0.00043
-98.99	-28.28	0.00044	-106.07	-35.36	0.00045
42.43	98.99	0.00011	35.36	91.92	0.00011
28.28	84.85	0.00012	21.21	77.78	0.00012
14.14	70.71	0.00013	7.07	63.64	0.00014
0.00	56.57	0.00015	-7.07	49.50	0.00016
-10.61	45.96	0.00017	-14.14	42.43	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
 PAGE 111
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00019	-17.68	38.89	0.00019
-19.09	37.48	0.00020	-20.51	36.06	0.00020
-21.92	34.65	0.00021	-34.65	21.92	0.00022
-36.06	20.51	0.00022	-37.48	19.09	0.00022
-38.89	17.68	0.00022	-40.31	16.26	0.00022
-42.43	14.14	0.00022	-45.96	10.61	0.00023
-49.50	7.07	0.00023	-56.57	0.00	0.00025
-63.64	-7.07	0.00028	-70.71	-14.14	0.00031
-77.78	-21.21	0.00033	-84.85	-28.28	0.00036
-91.92	-35.36	0.00037	-98.99	-42.43	0.00038
49.50	91.92	0.00010	42.43	84.85	0.00010
35.36	77.78	0.00010	28.28	70.71	0.00011
21.21	63.64	0.00012	14.14	56.57	0.00012
7.07	49.50	0.00013	0.00	42.43	0.00014
-3.54	38.89	0.00015	-7.07	35.36	0.00016
-9.19	33.23	0.00017	-10.61	31.82	0.00017
-12.02	30.41	0.00018	-13.44	28.99	0.00018
-14.85	27.58	0.00018	-27.58	14.85	0.00019
-28.99	13.44	0.00019	-30.41	12.02	0.00019
-31.82	10.61	0.00019	-33.23	9.19	0.00019
-35.36	7.07	0.00019	-38.89	3.54	0.00020
-42.43	0.00	0.00020	-49.50	-7.07	0.00021
-56.57	-14.14	0.00023	-63.64	-21.21	0.00026
-70.71	-28.28	0.00028	-77.78	-35.36	0.00030
-84.85	-42.43	0.00032	-91.92	-49.50	0.00033

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

56.57	84.85	0.00009	49.50	77.78	0.00009
42.43	70.71	0.00009	35.36	63.64	0.00010
28.28	56.57	0.00010	21.21	49.50	0.00011
14.14	42.43	0.00012	7.07	35.36	0.00013
3.54	31.82	0.00014	0.00	28.28	0.00014
-2.12	26.16	0.00015	-3.54	24.75	0.00015
-4.95	23.33	0.00016	-6.36	21.92	0.00016
-7.78	20.51	0.00016	-20.51	7.78	0.00017
-21.92	6.36	0.00017	-23.33	4.95	0.00017
-24.75	3.54	0.00017	-26.16	2.12	0.00017
-28.28	0.00	0.00017	-31.82	-3.54	0.00017
-35.36	-7.07	0.00018	-42.43	-14.14	0.00019
-49.50	-21.21	0.00020	-56.57	-28.28	0.00022
-63.64	-35.36	0.00024	-70.71	-42.43	0.00026
-77.78	-49.50	0.00027	-84.85	-56.57	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
 PAGE 112
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00008	56.57	70.71	0.00008
49.50	63.64	0.00009	42.43	56.57	0.00009
35.36	49.50	0.00010	28.28	42.43	0.00010
21.21	35.36	0.00011	14.14	28.28	0.00012
10.61	24.75	0.00012	7.07	21.21	0.00013
4.95	19.09	0.00014	3.54	17.68	0.00014
2.12	16.26	0.00014	0.71	14.85	0.00014
-0.71	13.44	0.00015	-13.44	0.71	0.00015
-14.85	-0.71	0.00015	-16.26	-2.12	0.00015
-17.68	-3.54	0.00015	-19.09	-4.95	0.00015
-21.21	-7.07	0.00015	-24.75	-10.61	0.00015
-28.28	-14.14	0.00016	-35.36	-21.21	0.00016
-42.43	-28.28	0.00017	-49.50	-35.36	0.00019
-56.57	-42.43	0.00020	-63.64	-49.50	0.00022
-70.71	-56.57	0.00024	-77.78	-63.64	0.00025
70.71	70.71	0.00007	63.64	63.64	0.00007
56.57	56.57	0.00008	49.50	49.50	0.00008
42.43	42.43	0.00009	35.36	35.36	0.00009
28.28	28.28	0.00010	21.21	21.21	0.00011

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

17.68	17.68	0.00011	14.14	14.14	0.00012
12.02	12.02	0.00012	10.61	10.61	0.00013
9.19	9.19	0.00013	7.78	7.78	0.00013
6.36	6.36	0.00013	-6.36	-6.36	0.00014
-7.78	-7.78	0.00014	-9.19	-9.19	0.00014
-10.61	-10.61	0.00014	-12.02	-12.02	0.00014
-14.14	-14.14	0.00014	-17.68	-17.68	0.00014
-21.21	-21.21	0.00014	-28.28	-28.28	0.00014
-35.36	-35.36	0.00015	-42.43	-42.43	0.00016
-49.50	-49.50	0.00018	-56.57	-56.57	0.00019
-63.64	-63.64	0.00020	-70.71	-70.71	0.00022
77.78	63.64	0.00007	70.71	56.57	0.00007
63.64	49.50	0.00007	56.57	42.43	0.00008
49.50	35.36	0.00008	42.43	28.28	0.00008
35.36	21.21	0.00009	28.28	14.14	0.00010
24.75	10.61	0.00010	21.21	7.07	0.00011
19.09	4.95	0.00011	17.68	3.54	0.00011
16.26	2.12	0.00012	14.85	0.71	0.00012
13.44	-0.71	0.00012	0.71	-13.44	0.00012
-0.71	-14.85	0.00012	-2.12	-16.26	0.00012
-3.54	-17.68	0.00012	-4.95	-19.09	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36

**MODELOPTs:
 PAGE 113

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00012	-10.61	-24.75	0.00012
-14.14	-28.28	0.00013	-21.21	-35.36	0.00013
-28.28	-42.43	0.00014	-35.36	-49.50	0.00014
-42.43	-56.57	0.00015	-49.50	-63.64	0.00017
-56.57	-70.71	0.00018	-63.64	-77.78	0.00019
84.85	56.57	0.00006	77.78	49.50	0.00006
70.71	42.43	0.00007	63.64	35.36	0.00007
56.57	28.28	0.00007	49.50	21.21	0.00008
42.43	14.14	0.00008	35.36	7.07	0.00009
31.82	3.54	0.00010	28.28	0.00	0.00010
26.16	-2.12	0.00010	24.75	-3.54	0.00010
23.33	-4.95	0.00011	21.92	-6.36	0.00011
20.51	-7.78	0.00011	7.78	-20.51	0.00011

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

6.36	-21.92	0.00011	4.95	-23.33	0.00011
3.54	-24.75	0.00011	2.12	-26.16	0.00011
0.00	-28.28	0.00011	-3.54	-31.82	0.00011
-7.07	-35.36	0.00011	-14.14	-42.43	0.00012
-21.21	-49.50	0.00012	-28.28	-56.57	0.00013
-35.36	-63.64	0.00014	-42.43	-70.71	0.00015
-49.50	-77.78	0.00016	-56.57	-84.85	0.00017
91.92	49.50	0.00006	84.85	42.43	0.00006
77.78	35.36	0.00006	70.71	28.28	0.00007
63.64	21.21	0.00007	56.57	14.14	0.00007
49.50	7.07	0.00008	42.43	0.00	0.00008
38.89	-3.54	0.00009	35.36	-7.07	0.00009
33.23	-9.19	0.00010	31.82	-10.61	0.00010
30.41	-12.02	0.00010	28.99	-13.44	0.00010
27.58	-14.85	0.00010	14.85	-27.58	0.00010
13.44	-28.99	0.00010	12.02	-30.41	0.00010
10.61	-31.82	0.00010	9.19	-33.23	0.00010
7.07	-35.36	0.00010	3.54	-38.89	0.00010
0.00	-42.43	0.00010	-7.07	-49.50	0.00011
-14.14	-56.57	0.00011	-21.21	-63.64	0.00011
-28.28	-70.71	0.00012	-35.36	-77.78	0.00013
-42.43	-84.85	0.00014	-49.50	-91.92	0.00015
98.99	42.43	0.00005	91.92	35.36	0.00006
84.85	28.28	0.00006	77.78	21.21	0.00006
70.71	14.14	0.00006	63.64	7.07	0.00007
56.57	0.00	0.00007	49.50	-7.07	0.00008
45.96	-10.61	0.00008	42.43	-14.14	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00009	38.89	-17.68	0.00009
37.48	-19.09	0.00009	36.06	-20.51	0.00009
34.65	-21.92	0.00009	21.92	-34.65	0.00009
20.51	-36.06	0.00009	19.09	-37.48	0.00009
17.68	-38.89	0.00009	16.26	-40.31	0.00009
14.14	-42.43	0.00009	10.61	-45.96	0.00009
7.07	-49.50	0.00009	0.00	-56.57	0.00010

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-63.64	0.00010	-14.14	-70.71	0.00010
-21.21	-77.78	0.00011	-28.28	-84.85	0.00012
-35.36	-91.92	0.00012	-42.43	-98.99	0.00013
106.07	35.36	0.00005	98.99	28.28	0.00005
91.92	21.21	0.00005	84.85	14.14	0.00006
77.78	7.07	0.00006	70.71	0.00	0.00006
63.64	-7.07	0.00007	56.57	-14.14	0.00007
53.03	-17.68	0.00008	49.50	-21.21	0.00008
47.38	-23.33	0.00008	45.96	-24.75	0.00008
44.55	-26.16	0.00008	43.13	-27.58	0.00008
41.72	-28.99	0.00008	28.99	-41.72	0.00009
27.58	-43.13	0.00009	26.16	-44.55	0.00009
24.75	-45.96	0.00009	23.33	-47.38	0.00009
21.21	-49.50	0.00009	17.68	-53.03	0.00009
14.14	-56.57	0.00009	7.07	-63.64	0.00009
0.00	-70.71	0.00009	-7.07	-77.78	0.00009
-14.14	-84.85	0.00010	-21.21	-91.92	0.00010
-28.28	-98.99	0.00011	-35.36	-106.07	0.00012
113.14	28.28	0.00005	106.07	21.21	0.00005
98.99	14.14	0.00005	91.92	7.07	0.00005
84.85	0.00	0.00006	77.78	-7.07	0.00006
70.71	-14.14	0.00006	63.64	-21.21	0.00007
60.10	-24.75	0.00007	56.57	-28.28	0.00007
54.45	-30.41	0.00008	53.03	-31.82	0.00008
51.62	-33.23	0.00008	50.20	-34.65	0.00008
48.79	-36.06	0.00008	36.06	-48.79	0.00008
34.65	-50.20	0.00008	33.23	-51.62	0.00008
31.82	-53.03	0.00008	30.41	-54.45	0.00008
28.28	-56.57	0.00008	24.75	-60.10	0.00008
21.21	-63.64	0.00008	14.14	-70.71	0.00008
7.07	-77.78	0.00008	0.00	-84.85	0.00009
-7.07	-91.92	0.00009	-14.14	-98.99	0.00009
-21.21	-106.07	0.00010	-28.28	-113.14	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00004	113.14	14.14	0.00005

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

106.07	7.07	0.00005	98.99	0.00	0.00005
91.92	-7.07	0.00005	84.85	-14.14	0.00005
77.78	-21.21	0.00006	70.71	-28.28	0.00006
67.18	-31.82	0.00007	63.64	-35.36	0.00007
61.52	-37.48	0.00007	60.10	-38.89	0.00007
58.69	-40.31	0.00007	57.28	-41.72	0.00007
55.86	-43.13	0.00007	43.13	-55.86	0.00007
41.72	-57.28	0.00007	40.31	-58.69	0.00007
38.89	-60.10	0.00007	37.48	-61.52	0.00007
35.36	-63.64	0.00007	31.82	-67.18	0.00007
28.28	-70.71	0.00007	21.21	-77.78	0.00007
14.14	-84.85	0.00008	7.07	-91.92	0.00008
0.00	-98.99	0.00008	-7.07	-106.07	0.00008
-14.14	-113.14	0.00009	-21.21	-120.21	0.00009
127.28	14.14	0.00004	120.21	7.07	0.00004
113.14	0.00	0.00004	106.07	-7.07	0.00005
98.99	-14.14	0.00005	91.92	-21.21	0.00005
84.85	-28.28	0.00006	77.78	-35.36	0.00006
74.25	-38.89	0.00006	70.71	-42.43	0.00006
68.59	-44.55	0.00007	67.18	-45.96	0.00007
65.76	-47.38	0.00007	64.35	-48.79	0.00007
62.93	-50.20	0.00007	50.20	-62.93	0.00007
48.79	-64.35	0.00007	47.38	-65.76	0.00007
45.96	-67.18	0.00007	44.55	-68.59	0.00007
42.43	-70.71	0.00007	38.89	-74.25	0.00007
35.36	-77.78	0.00007	28.28	-84.85	0.00007
21.21	-91.92	0.00007	14.14	-98.99	0.00007
7.07	-106.07	0.00007	0.00	-113.14	0.00008
-7.07	-120.21	0.00008	-14.14	-127.28	0.00009
134.35	7.07	0.00004	127.28	0.00	0.00004
120.21	-7.07	0.00004	113.14	-14.14	0.00004
106.07	-21.21	0.00005	98.99	-28.28	0.00005
91.92	-35.36	0.00005	84.85	-42.43	0.00006
81.32	-45.96	0.00006	77.78	-49.50	0.00006
75.66	-51.62	0.00006	74.25	-53.03	0.00006
72.83	-54.45	0.00006	71.42	-55.86	0.00006
70.00	-57.28	0.00006	57.28	-70.00	0.00006
55.86	-71.42	0.00006	54.45	-72.83	0.00006
53.03	-74.25	0.00006	51.62	-75.66	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00006	45.96	-81.32	0.00006
42.43	-84.85	0.00006	35.36	-91.92	0.00006
28.28	-98.99	0.00007	21.21	-106.07	0.00007
14.14	-113.14	0.00007	7.07	-120.21	0.00007
0.00	-127.28	0.00007	-7.07	-134.35	0.00008
141.42	0.00	0.00004	134.35	-7.07	0.00004
127.28	-14.14	0.00004	120.21	-21.21	0.00004
113.14	-28.28	0.00004	106.07	-35.36	0.00005
98.99	-42.43	0.00005	91.92	-49.50	0.00005
88.39	-53.03	0.00006	84.85	-56.57	0.00006
82.73	-58.69	0.00006	81.32	-60.10	0.00006
79.90	-61.52	0.00006	78.49	-62.93	0.00006
77.07	-64.35	0.00006	64.35	-77.07	0.00006
62.93	-78.49	0.00006	61.52	-79.90	0.00006
60.10	-81.32	0.00006	58.69	-82.73	0.00006
56.57	-84.85	0.00006	53.03	-88.39	0.00006
49.50	-91.92	0.00006	42.43	-98.99	0.00006
35.36	-106.07	0.00006	28.28	-113.14	0.00006
21.21	-120.21	0.00006	14.14	-127.28	0.00007
7.07	-134.35	0.00007	0.00	-141.42	0.00007
148.49	-7.07	0.00004	141.42	-14.14	0.00004
134.35	-21.21	0.00004	127.28	-28.28	0.00004
120.21	-35.36	0.00004	113.14	-42.43	0.00004
106.07	-49.50	0.00005	98.99	-56.57	0.00005
95.46	-60.10	0.00005	91.92	-63.64	0.00005
89.80	-65.76	0.00005	88.39	-67.18	0.00005
86.97	-68.59	0.00005	85.56	-70.00	0.00006
84.15	-71.42	0.00006	71.42	-84.15	0.00006
70.00	-85.56	0.00006	68.59	-86.97	0.00006
67.18	-88.39	0.00006	65.76	-89.80	0.00006
63.64	-91.92	0.00006	60.10	-95.46	0.00006
56.57	-98.99	0.00006	49.50	-106.07	0.00006
42.43	-113.14	0.00006	35.36	-120.21	0.00006
28.28	-127.28	0.00006	21.21	-134.35	0.00006
14.14	-141.42	0.00006	7.07	-148.49	0.00007
155.56	-14.14	0.00003	148.49	-21.21	0.00003
141.42	-28.28	0.00004	134.35	-35.36	0.00004
127.28	-42.43	0.00004	120.21	-49.50	0.00004
113.14	-56.57	0.00004	106.07	-63.64	0.00005

102.53 -67.18 0.00005 98.99 -70.71 0.00005

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00005	95.46	-74.25	0.00005
94.05	-75.66	0.00005	92.63	-77.07	0.00005
91.22	-78.49	0.00005	78.49	-91.22	0.00005
77.07	-92.63	0.00005	75.66	-94.05	0.00005
74.25	-95.46	0.00005	72.83	-96.87	0.00005
70.71	-98.99	0.00005	67.18	-102.53	0.00005
63.64	-106.07	0.00005	56.57	-113.14	0.00005
49.50	-120.21	0.00005	42.43	-127.28	0.00005
35.36	-134.35	0.00006	28.28	-141.42	0.00006
21.21	-148.49	0.00006	14.14	-155.56	0.00006
162.63	-21.21	0.00003	155.56	-28.28	0.00003
148.49	-35.36	0.00003	141.42	-42.43	0.00004
134.35	-49.50	0.00004	127.28	-56.57	0.00004
120.21	-63.64	0.00004	113.14	-70.71	0.00005
109.60	-74.25	0.00005	106.07	-77.78	0.00005
103.94	-79.90	0.00005	102.53	-81.32	0.00005
101.12	-82.73	0.00005	99.70	-84.15	0.00005
98.29	-85.56	0.00005	85.56	-98.29	0.00005
84.15	-99.70	0.00005	82.73	-101.12	0.00005
81.32	-102.53	0.00005	79.90	-103.94	0.00005
77.78	-106.07	0.00005	74.25	-109.60	0.00005
70.71	-113.14	0.00005	63.64	-120.21	0.00005
56.57	-127.28	0.00005	49.50	-134.35	0.00005
42.43	-141.42	0.00005	35.36	-148.49	0.00005
28.28	-155.56	0.00005	21.21	-162.63	0.00006
169.71	-28.28	0.00003	162.63	-35.36	0.00003
155.56	-42.43	0.00003	148.49	-49.50	0.00003
141.42	-56.57	0.00004	134.35	-63.64	0.00004
127.28	-70.71	0.00004	120.21	-77.78	0.00004
116.67	-81.32	0.00004	113.14	-84.85	0.00004
111.02	-86.97	0.00005	109.60	-88.39	0.00005
108.19	-89.80	0.00005	106.77	-91.22	0.00005
105.36	-92.63	0.00005	92.63	-105.36	0.00005

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

91.22	-106.77	0.00005	89.80	-108.19	0.00005
88.39	-109.60	0.00005	86.97	-111.02	0.00005
84.85	-113.14	0.00005	81.32	-116.67	0.00005
77.78	-120.21	0.00005	70.71	-127.28	0.00005
63.64	-134.35	0.00005	56.57	-141.42	0.00005
49.50	-148.49	0.00005	42.43	-155.56	0.00005
35.36	-162.63	0.00005	28.28	-169.71	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00003	169.71	-42.43	0.00003
162.63	-49.50	0.00003	155.56	-56.57	0.00003
148.49	-63.64	0.00003	141.42	-70.71	0.00004
134.35	-77.78	0.00004	127.28	-84.85	0.00004
123.74	-88.39	0.00004	120.21	-91.92	0.00004
118.09	-94.05	0.00004	116.67	-95.46	0.00004
115.26	-96.87	0.00004	113.84	-98.29	0.00004
112.43	-99.70	0.00004	99.70	-112.43	0.00004
98.29	-113.84	0.00004	96.87	-115.26	0.00004
95.46	-116.67	0.00004	94.05	-118.09	0.00004
91.92	-120.21	0.00004	88.39	-123.74	0.00004
84.85	-127.28	0.00004	77.78	-134.35	0.00004
70.71	-141.42	0.00004	63.64	-148.49	0.00004
56.57	-155.56	0.00005	49.50	-162.63	0.00005
42.43	-169.71	0.00005	35.36	-176.78	0.00005
183.85	-42.43	0.00003	176.78	-49.50	0.00003
169.71	-56.57	0.00003	162.63	-63.64	0.00003
155.56	-70.71	0.00003	148.49	-77.78	0.00003
141.42	-84.85	0.00004	134.35	-91.92	0.00004
130.81	-95.46	0.00004	127.28	-98.99	0.00004
125.16	-101.12	0.00004	123.74	-102.53	0.00004
122.33	-103.94	0.00004	120.92	-105.36	0.00004
119.50	-106.77	0.00004	106.77	-119.50	0.00004
105.36	-120.92	0.00004	103.94	-122.33	0.00004
102.53	-123.74	0.00004	101.12	-125.16	0.00004
98.99	-127.28	0.00004	95.46	-130.81	0.00004
91.92	-134.35	0.00004	84.85	-141.42	0.00004

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-148.49	0.00004	70.71	-155.56	0.00004
63.64	-162.63	0.00004	56.57	-169.71	0.00004
49.50	-176.78	0.00004	42.43	-183.85	0.00005
190.92	-49.50	0.00003	183.85	-56.57	0.00003
176.78	-63.64	0.00003	169.71	-70.71	0.00003
162.63	-77.78	0.00003	155.56	-84.85	0.00003
148.49	-91.92	0.00003	141.42	-98.99	0.00004
137.89	-102.53	0.00004	134.35	-106.07	0.00004
132.23	-108.19	0.00004	130.81	-109.60	0.00004
129.40	-111.02	0.00004	127.99	-112.43	0.00004
126.57	-113.84	0.00004	113.84	-126.57	0.00004
112.43	-127.99	0.00004	111.02	-129.40	0.00004
109.60	-130.81	0.00004	108.19	-132.23	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00004	102.53	-137.89	0.00004
98.99	-141.42	0.00004	91.92	-148.49	0.00004
84.85	-155.56	0.00004	77.78	-162.63	0.00004
70.71	-169.71	0.00004	63.64	-176.78	0.00004
56.57	-183.85	0.00004	49.50	-190.92	0.00004
197.99	-56.57	0.00003	190.92	-63.64	0.00003
183.85	-70.71	0.00003	176.78	-77.78	0.00003
169.71	-84.85	0.00003	162.63	-91.92	0.00003
155.56	-98.99	0.00003	148.49	-106.07	0.00004
144.96	-109.60	0.00004	141.42	-113.14	0.00004
139.30	-115.26	0.00004	137.89	-116.67	0.00004
136.47	-118.09	0.00004	135.06	-119.50	0.00004
133.64	-120.92	0.00004	120.92	-133.64	0.00004
119.50	-135.06	0.00004	118.09	-136.47	0.00004
116.67	-137.89	0.00004	115.26	-139.30	0.00004
113.14	-141.42	0.00004	109.60	-144.96	0.00004
106.07	-148.49	0.00004	98.99	-155.56	0.00004
91.92	-162.63	0.00004	84.85	-169.71	0.00004
77.78	-176.78	0.00004	70.71	-183.85	0.00004
63.64	-190.92	0.00004	56.57	-197.99	0.00004
205.06	-63.64	0.00002	197.99	-70.71	0.00002

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-77.78	0.00003	183.85	-84.85	0.00003
176.78	-91.92	0.00003	169.71	-98.99	0.00003
162.63	-106.07	0.00003	155.56	-113.14	0.00003
152.03	-116.67	0.00003	148.49	-120.21	0.00003
146.37	-122.33	0.00003	144.96	-123.74	0.00004
143.54	-125.16	0.00004	142.13	-126.57	0.00004
140.71	-127.99	0.00004	127.99	-140.71	0.00004
126.57	-142.13	0.00004	125.16	-143.54	0.00004
123.74	-144.96	0.00004	122.33	-146.37	0.00004
120.21	-148.49	0.00004	116.67	-152.03	0.00004
113.14	-155.56	0.00004	106.07	-162.63	0.00004
98.99	-169.71	0.00004	91.92	-176.78	0.00004
84.85	-183.85	0.00004	77.78	-190.92	0.00004
70.71	-197.99	0.00004	63.64	-205.06	0.00004
212.13	-70.71	0.00002	205.06	-77.78	0.00002
197.99	-84.85	0.00002	190.92	-91.92	0.00003
183.85	-98.99	0.00003	176.78	-106.07	0.00003
169.71	-113.14	0.00003	162.63	-120.21	0.00003
159.10	-123.74	0.00003	155.56	-127.28	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00003	152.03	-130.81	0.00003
150.61	-132.23	0.00003	149.20	-133.64	0.00003
147.79	-135.06	0.00003	135.06	-147.79	0.00003
133.64	-149.20	0.00003	132.23	-150.61	0.00003
130.81	-152.03	0.00003	129.40	-153.44	0.00003
127.28	-155.56	0.00003	123.74	-159.10	0.00003
120.21	-162.63	0.00003	113.14	-169.71	0.00003
106.07	-176.78	0.00003	98.99	-183.85	0.00003
91.92	-190.92	0.00003	84.85	-197.99	0.00003
77.78	-205.06	0.00004	70.71	-212.13	0.00004
219.20	-77.78	0.00002	212.13	-84.85	0.00002
205.06	-91.92	0.00002	197.99	-98.99	0.00002
190.92	-106.07	0.00003	183.85	-113.14	0.00003
176.78	-120.21	0.00003	169.71	-127.28	0.00003
166.17	-130.81	0.00003	162.63	-134.35	0.00003

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

160.51	-136.47	0.00003	159.10	-137.89	0.00003
157.68	-139.30	0.00003	156.27	-140.71	0.00003
154.86	-142.13	0.00003	142.13	-154.86	0.00003
140.71	-156.27	0.00003	139.30	-157.68	0.00003
137.89	-159.10	0.00003	136.47	-160.51	0.00003
134.35	-162.63	0.00003	130.81	-166.17	0.00003
127.28	-169.71	0.00003	120.21	-176.78	0.00003
113.14	-183.85	0.00003	106.07	-190.92	0.00003
98.99	-197.99	0.00003	91.92	-205.06	0.00003
84.85	-212.13	0.00003	77.78	-219.20	0.00003
226.27	-84.85	0.00002	219.20	-91.92	0.00002
212.13	-98.99	0.00002	205.06	-106.07	0.00002
197.99	-113.14	0.00003	190.92	-120.21	0.00003
183.85	-127.28	0.00003	176.78	-134.35	0.00003
173.24	-137.89	0.00003	169.71	-141.42	0.00003
167.58	-143.54	0.00003	166.17	-144.96	0.00003
164.76	-146.37	0.00003	163.34	-147.79	0.00003
161.93	-149.20	0.00003	149.20	-161.93	0.00003
147.79	-163.34	0.00003	146.37	-164.76	0.00003
144.96	-166.17	0.00003	143.54	-167.58	0.00003
141.42	-169.71	0.00003	137.89	-173.24	0.00003
134.35	-176.78	0.00003	127.28	-183.85	0.00003
120.21	-190.92	0.00003	113.14	-197.99	0.00003
106.07	-205.06	0.00003	98.99	-212.13	0.00003
91.92	-219.20	0.00003	84.85	-226.27	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00002	226.27	-98.99	0.00002
219.20	-106.07	0.00002	212.13	-113.14	0.00002
205.06	-120.21	0.00002	197.99	-127.28	0.00003
190.92	-134.35	0.00003	183.85	-141.42	0.00003
180.31	-144.96	0.00003	176.78	-148.49	0.00003
174.66	-150.61	0.00003	173.24	-152.03	0.00003
171.83	-153.44	0.00003	170.41	-154.86	0.00003
169.00	-156.27	0.00003	156.27	-169.00	0.00003
154.86	-170.41	0.00003	153.44	-171.83	0.00003

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

152.03	-173.24	0.00003	150.61	-174.66	0.00003
148.49	-176.78	0.00003	144.96	-180.31	0.00003
141.42	-183.85	0.00003	134.35	-190.92	0.00003
127.28	-197.99	0.00003	120.21	-205.06	0.00003
113.14	-212.13	0.00003	106.07	-219.20	0.00003
98.99	-226.27	0.00003	91.92	-233.35	0.00003
240.42	-98.99	0.00002	233.35	-106.07	0.00002
226.27	-113.14	0.00002	219.20	-120.21	0.00002
212.13	-127.28	0.00002	205.06	-134.35	0.00002
197.99	-141.42	0.00003	190.92	-148.49	0.00003
187.38	-152.03	0.00003	183.85	-155.56	0.00003
181.73	-157.68	0.00003	180.31	-159.10	0.00003
178.90	-160.51	0.00003	177.48	-161.93	0.00003
176.07	-163.34	0.00003	163.34	-176.07	0.00003
161.93	-177.48	0.00003	160.51	-178.90	0.00003
159.10	-180.31	0.00003	157.68	-181.73	0.00003
155.56	-183.85	0.00003	152.03	-187.38	0.00003
148.49	-190.92	0.00003	141.42	-197.99	0.00003
134.35	-205.06	0.00003	127.28	-212.13	0.00003
120.21	-219.20	0.00003	113.14	-226.27	0.00003
106.07	-233.35	0.00003	98.99	-240.42	0.00003
247.49	-106.07	0.00002	240.42	-113.14	0.00002
233.35	-120.21	0.00002	226.27	-127.28	0.00002
219.20	-134.35	0.00002	212.13	-141.42	0.00002
205.06	-148.49	0.00002	197.99	-155.56	0.00003
194.45	-159.10	0.00003	190.92	-162.63	0.00003
188.80	-164.76	0.00003	187.38	-166.17	0.00003
185.97	-167.58	0.00003	184.55	-169.00	0.00003
183.14	-170.41	0.00003	170.41	-183.14	0.00003
169.00	-184.55	0.00003	167.58	-185.97	0.00003
166.17	-187.38	0.00003	164.76	-188.80	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00003	159.10	-194.45	0.00003
155.56	-197.99	0.00003	148.49	-205.06	0.00003
141.42	-212.13	0.00003	134.35	-219.20	0.00003

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-226.27	0.00003	120.21	-233.35	0.00003
113.14	-240.42	0.00003	106.07	-247.49	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-106.07	247.49	0.00247	-113.14	240.42	0.00267
-120.21	233.35	0.00288	-127.28	226.27	0.00312
-134.35	219.20	0.00337	-141.42	212.13	0.00362
-148.49	205.06	0.00381	-155.56	197.99	0.00378
-159.10	194.45	0.00359	-162.63	190.92	0.00320
-164.76	188.80	0.00288	-166.17	187.38	0.00264
-167.58	185.97	0.00240	-169.00	184.55	0.00218
-170.41	183.14	0.00198	-183.14	170.41	0.00140
-184.55	169.00	0.00139	-185.97	167.58	0.00138
-187.38	166.17	0.00138	-188.80	164.76	0.00137
-190.92	162.63	0.00137	-194.45	159.10	0.00138
-197.99	155.56	0.00139	-205.06	148.49	0.00141
-212.13	141.42	0.00141	-219.20	134.35	0.00140
-226.27	127.28	0.00137	-233.35	120.21	0.00133
-240.42	113.14	0.00129	-247.49	106.07	0.00123
-98.99	240.42	0.00260	-106.07	233.35	0.00282
-113.14	226.27	0.00307	-120.21	219.20	0.00336
-127.28	212.13	0.00369	-134.35	205.06	0.00406
-141.42	197.99	0.00444	-148.49	190.92	0.00474
-152.03	187.38	0.00479	-155.56	183.85	0.00465
-157.68	181.73	0.00442	-159.10	180.31	0.00417
-160.51	178.90	0.00384	-161.93	177.48	0.00346
-163.34	176.07	0.00305	-176.07	163.34	0.00167
-177.48	161.93	0.00167	-178.90	160.51	0.00167
-180.31	159.10	0.00167	-181.73	157.68	0.00168
-183.85	155.56	0.00170	-187.38	152.03	0.00174
-190.92	148.49	0.00177	-197.99	141.42	0.00180
-205.06	134.35	0.00179	-212.13	127.28	0.00174
-219.20	120.21	0.00167	-226.27	113.14	0.00159
-233.35	106.07	0.00150	-240.42	98.99	0.00142
-91.92	233.35	0.00271	-99.00	226.27	0.00295
-106.07	219.20	0.00324	-113.14	212.13	0.00357

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-120.21	205.06	0.00396	-127.28	197.99	0.00442
-134.35	190.92	0.00495	-141.42	183.85	0.00552
-144.96	180.31	0.00579	-148.49	176.78	0.00599
-150.61	174.66	0.00604	-152.03	173.24	0.00601
-153.44	171.83	0.00593	-154.86	170.41	0.00573
-156.27	169.00	0.00538	-169.00	156.27	0.00221
-170.41	154.86	0.00224	-171.83	153.44	0.00227
-173.24	152.03	0.00230	-174.66	150.61	0.00233

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-176.78	148.49	0.00236	-180.31	144.96	0.00239
-183.85	141.42	0.00240	-190.92	134.35	0.00235
-197.99	127.28	0.00225	-205.06	120.21	0.00212
-212.13	113.14	0.00198	-219.20	106.07	0.00185
-226.27	98.99	0.00172	-233.35	91.92	0.00160
-84.85	226.27	0.00281	-91.92	219.20	0.00307
-99.00	212.13	0.00338	-106.07	205.06	0.00375
-113.14	197.99	0.00418	-120.21	190.92	0.00470
-127.28	183.85	0.00532	-134.35	176.78	0.00602
-137.89	173.24	0.00641	-141.42	169.71	0.00674
-143.54	167.58	0.00689	-144.96	166.17	0.00694
-146.37	164.76	0.00697	-147.79	163.34	0.00701
-149.20	161.93	0.00696	-161.93	149.20	0.00370
-163.34	147.79	0.00355	-164.76	146.37	0.00344
-166.17	144.96	0.00337	-167.58	143.54	0.00332
-169.71	141.42	0.00325	-173.24	137.89	0.00317
-176.78	134.35	0.00308	-183.85	127.28	0.00290
-190.92	120.21	0.00270	-197.99	113.14	0.00249
-205.06	106.07	0.00228	-212.13	98.99	0.00210
-219.20	91.92	0.00193	-226.27	84.85	0.00179
-77.78	219.20	0.00289	-84.85	212.13	0.00316
-91.92	205.06	0.00349	-99.00	197.99	0.00388
-106.07	190.92	0.00434	-113.14	183.85	0.00490
-120.21	176.78	0.00556	-127.28	169.71	0.00631
-130.81	166.17	0.00671	-134.35	162.63	0.00708
-136.47	160.51	0.00724	-137.89	159.10	0.00730

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-139.30	157.68	0.00731	-140.71	156.27	0.00731
-142.13	154.86	0.00725	-154.86	142.13	0.00456
-156.27	140.71	0.00444	-157.68	139.30	0.00434
-159.10	137.89	0.00425	-160.51	136.47	0.00416
-162.63	134.35	0.00405	-166.17	130.81	0.00389
-169.71	127.28	0.00373	-176.78	120.21	0.00343
-183.85	113.14	0.00313	-190.92	106.07	0.00284
-197.99	98.99	0.00258	-205.06	91.92	0.00235
-212.13	84.85	0.00214	-219.20	77.78	0.00196
-70.71	212.13	0.00295	-77.78	205.06	0.00324
-84.85	197.99	0.00357	-91.92	190.92	0.00398
-98.99	183.85	0.00446	-106.07	176.78	0.00503
-113.14	169.71	0.00571	-120.21	162.63	0.00650
-123.74	159.10	0.00689	-127.28	155.56	0.00725

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-129.40	153.44	0.00741	-130.81	152.03	0.00748
-132.23	150.61	0.00748	-133.64	149.20	0.00745
-135.06	147.79	0.00741	-147.79	135.06	0.00491
-149.20	133.64	0.00484	-150.61	132.23	0.00479
-152.03	130.81	0.00474	-153.44	129.40	0.00469
-155.56	127.28	0.00461	-159.10	123.74	0.00445
-162.63	120.21	0.00428	-169.71	113.14	0.00391
-176.78	106.07	0.00353	-183.85	98.99	0.00318
-190.92	91.92	0.00286	-197.99	84.85	0.00258
-205.06	77.78	0.00234	-212.13	70.71	0.00214
-63.64	205.06	0.00300	-70.71	197.99	0.00329
-77.78	190.92	0.00364	-84.85	183.85	0.00405
-91.92	176.78	0.00454	-98.99	169.71	0.00513
-106.07	162.63	0.00583	-113.14	155.56	0.00661
-116.67	152.03	0.00701	-120.21	148.49	0.00735
-122.33	146.37	0.00751	-123.74	144.96	0.00758
-125.16	143.54	0.00760	-126.57	142.13	0.00756
-127.99	140.71	0.00751	-140.71	127.99	0.00511
-142.13	126.57	0.00506	-143.54	125.16	0.00503
-144.96	123.74	0.00501	-146.37	122.33	0.00498

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-148.49	120.21	0.00493	-152.03	116.67	0.00482
-155.56	113.14	0.00467	-162.63	106.07	0.00429
-169.71	98.99	0.00388	-176.78	91.92	0.00348
-183.85	84.85	0.00312	-190.92	77.78	0.00281
-197.99	70.71	0.00254	-205.06	63.64	0.00230
-56.57	197.99	0.00304	-63.64	190.92	0.00334
-70.71	183.85	0.00369	-77.78	176.78	0.00411
-84.85	169.71	0.00461	-91.92	162.63	0.00521
-98.99	155.56	0.00591	-106.07	148.49	0.00669
-109.60	144.96	0.00709	-113.14	141.42	0.00744
-115.26	139.30	0.00759	-116.67	137.89	0.00766
-118.09	136.47	0.00768	-119.50	135.06	0.00765
-120.92	133.64	0.00759	-133.64	120.92	0.00525
-135.06	119.50	0.00521	-136.47	118.09	0.00519
-137.89	116.67	0.00517	-139.30	115.26	0.00516
-141.42	113.14	0.00514	-144.96	109.60	0.00506
-148.49	106.07	0.00493	-155.56	98.99	0.00458
-162.63	91.92	0.00416	-169.71	84.85	0.00374
-176.78	77.78	0.00335	-183.85	70.71	0.00301
-190.92	63.64	0.00271	-197.99	56.57	0.00246

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
 PAGE 126
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-49.50	190.92	0.00307	-56.57	183.85	0.00338
-63.64	176.78	0.00374	-70.71	169.71	0.00416
-77.78	162.63	0.00467	-84.85	155.56	0.00527
-91.92	148.49	0.00597	-98.99	141.42	0.00675
-102.53	137.89	0.00715	-106.07	134.35	0.00750
-108.19	132.23	0.00766	-109.60	130.81	0.00773
-111.02	129.40	0.00775	-112.43	127.99	0.00772
-113.84	126.57	0.00764	-126.57	113.84	0.00536
-127.99	112.43	0.00532	-129.40	111.02	0.00530
-130.81	109.60	0.00529	-132.23	108.19	0.00528
-134.35	106.07	0.00527	-137.89	102.53	0.00521
-141.42	98.99	0.00511	-148.49	91.92	0.00478
-155.56	84.85	0.00437	-162.63	77.78	0.00394
-169.71	70.71	0.00354	-176.78	63.64	0.00318

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-183.85	56.57	0.00287	-190.92	49.50	0.00260
-42.43	183.85	0.00310	-49.50	176.78	0.00341
-56.57	169.71	0.00377	-63.64	162.63	0.00420
-70.71	155.56	0.00471	-77.78	148.49	0.00531
-84.85	141.42	0.00601	-91.92	134.35	0.00680
-95.46	130.81	0.00720	-98.99	127.28	0.00756
-101.12	125.16	0.00772	-102.53	123.74	0.00778
-103.94	122.33	0.00781	-105.36	120.92	0.00778
-106.77	119.50	0.00770	-119.50	106.77	0.00544
-120.92	105.36	0.00540	-122.33	103.94	0.00538
-123.74	102.53	0.00538	-125.16	101.12	0.00537
-127.28	98.99	0.00536	-130.81	95.46	0.00531
-134.35	91.92	0.00523	-141.42	84.85	0.00493
-148.49	77.78	0.00453	-155.56	70.71	0.00410
-162.63	63.64	0.00370	-169.71	56.57	0.00333
-176.78	49.50	0.00300	-183.85	42.43	0.00272
-35.36	176.78	0.00313	-42.43	169.71	0.00344
-49.50	162.63	0.00380	-56.57	155.56	0.00423
-63.64	148.49	0.00474	-70.71	141.42	0.00534
-77.78	134.35	0.00603	-84.85	127.28	0.00683
-88.39	123.74	0.00725	-91.92	120.21	0.00761
-94.05	118.09	0.00777	-95.46	116.67	0.00783
-96.87	115.26	0.00785	-98.29	113.84	0.00783
-99.70	112.43	0.00775	-112.43	99.70	0.00551
-113.84	98.29	0.00546	-115.26	96.87	0.00545
-116.67	95.46	0.00544	-118.09	94.05	0.00544

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTS:
 PAGE 127
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.21	91.92	0.00543	-123.74	88.39	0.00539
-127.28	84.85	0.00531	-134.35	77.78	0.00503
-141.42	70.71	0.00465	-148.49	63.64	0.00423
-155.56	56.57	0.00383	-162.63	49.50	0.00345
-169.71	42.43	0.00312	-176.78	35.36	0.00283
-28.28	169.71	0.00315	-35.36	162.63	0.00346
-42.43	155.56	0.00383	-49.50	148.49	0.00426
-56.57	141.42	0.00476	-63.64	134.35	0.00536

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-70.71	127.28	0.00606	-77.78	120.21	0.00685
-81.32	116.67	0.00727	-84.85	113.14	0.00765
-86.97	111.02	0.00782	-88.39	109.60	0.00789
-89.80	108.19	0.00793	-91.22	106.77	0.00790
-92.63	105.36	0.00780	-105.36	92.63	0.00557
-106.77	91.22	0.00552	-108.19	89.80	0.00550
-109.60	88.39	0.00549	-111.02	86.97	0.00549
-113.14	84.85	0.00549	-116.67	81.32	0.00545
-120.21	77.78	0.00537	-127.28	70.71	0.00511
-134.35	63.64	0.00474	-141.42	56.57	0.00433
-148.49	49.50	0.00393	-155.56	42.43	0.00355
-162.63	35.36	0.00322	-169.71	28.28	0.00292
-21.21	162.63	0.00316	-28.28	155.56	0.00348
-35.36	148.49	0.00384	-42.43	141.42	0.00427
-49.50	134.35	0.00478	-56.57	127.28	0.00538
-63.64	120.21	0.00608	-70.71	113.14	0.00687
-74.25	109.60	0.00730	-77.78	106.07	0.00767
-79.90	103.94	0.00783	-81.32	102.53	0.00789
-82.73	101.12	0.00792	-84.15	99.70	0.00797
-85.56	98.29	0.00793	-98.29	85.56	0.00559
-99.70	84.15	0.00556	-101.12	82.73	0.00554
-102.53	81.32	0.00554	-103.94	79.90	0.00554
-106.07	77.78	0.00553	-109.60	74.25	0.00550
-113.14	70.71	0.00542	-120.21	63.64	0.00517
-127.28	56.57	0.00480	-134.35	49.50	0.00440
-141.42	42.43	0.00401	-148.49	35.36	0.00364
-155.56	28.28	0.00330	-162.63	21.21	0.00300
-14.14	155.56	0.00317	-21.21	148.49	0.00349
-28.28	141.42	0.00386	-35.36	134.35	0.00429
-42.43	127.28	0.00480	-49.50	120.21	0.00540
-56.57	113.14	0.00610	-63.64	106.07	0.00689
-67.18	102.53	0.00731	-70.71	98.99	0.00769

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-72.83	96.87	0.00786	-74.25	95.46	0.00793
-75.66	94.05	0.00795	-77.07	92.63	0.00797

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-78.49	91.22	0.00794	-91.22	78.49	0.00562
-92.63	77.07	0.00559	-94.05	75.66	0.00557
-95.46	74.25	0.00557	-96.87	72.83	0.00557
-98.99	70.71	0.00557	-102.53	67.18	0.00554
-106.07	63.64	0.00546	-113.14	56.57	0.00521
-120.21	49.50	0.00486	-127.28	42.43	0.00446
-134.35	35.36	0.00407	-141.42	28.28	0.00370
-148.49	21.21	0.00337	-155.56	14.14	0.00307
-7.07	148.49	0.00318	-14.14	141.42	0.00350
-21.21	134.35	0.00386	-28.28	127.28	0.00430
-35.36	120.21	0.00481	-42.43	113.14	0.00541
-49.50	106.07	0.00612	-56.57	98.99	0.00692
-60.10	95.46	0.00732	-63.64	91.92	0.00770
-65.76	89.80	0.00788	-67.18	88.39	0.00796
-68.59	86.97	0.00798	-70.00	85.56	0.00797
-71.42	84.15	0.00795	-84.15	71.42	0.00565
-85.56	70.00	0.00561	-86.97	68.59	0.00560
-88.39	67.18	0.00560	-89.80	65.76	0.00560
-91.92	63.64	0.00559	-95.46	60.10	0.00557
-98.99	56.57	0.00550	-106.07	49.50	0.00525
-113.14	42.43	0.00490	-120.21	35.36	0.00451
-127.28	28.28	0.00412	-134.35	21.21	0.00376
-141.42	14.14	0.00342	-148.49	7.07	0.00313
0.00	141.42	0.00318	-7.07	134.35	0.00350
-14.14	127.28	0.00387	-21.21	120.21	0.00430
-28.28	113.14	0.00481	-35.36	106.07	0.00542
-42.43	98.99	0.00613	-49.50	91.92	0.00693
-53.03	88.39	0.00734	-56.57	84.85	0.00771
-58.69	82.73	0.00789	-60.10	81.32	0.00797
-61.52	79.90	0.00801	-62.93	78.49	0.00799
-64.35	77.07	0.00796	-77.07	64.35	0.00567
-78.49	62.93	0.00563	-79.90	61.52	0.00562
-81.32	60.10	0.00562	-82.73	58.69	0.00562
-84.85	56.57	0.00562	-88.39	53.03	0.00559
-91.92	49.50	0.00552	-98.99	42.43	0.00527
-106.07	35.36	0.00493	-113.14	28.28	0.00454
-120.21	21.21	0.00416	-127.28	14.14	0.00380
-134.35	7.07	0.00347	-141.42	0.00	0.00317

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
7.07	134.35	0.00319	0.00	127.28	0.00350
-7.07	120.21	0.00387	-14.14	113.14	0.00431
-21.21	106.07	0.00482	-28.28	98.99	0.00543
-35.36	91.92	0.00614	-42.43	84.85	0.00694
-45.96	81.32	0.00736	-49.50	77.78	0.00773
-51.62	75.66	0.00789	-53.03	74.25	0.00798
-54.45	72.83	0.00801	-55.86	71.42	0.00800
-57.28	70.00	0.00795	-70.00	57.28	0.00569
-71.42	55.86	0.00565	-72.83	54.45	0.00564
-74.25	53.03	0.00564	-75.66	51.62	0.00564
-77.78	49.50	0.00563	-81.32	45.96	0.00561
-84.85	42.43	0.00554	-91.92	35.36	0.00530
-98.99	28.28	0.00495	-106.07	21.21	0.00457
-113.14	14.14	0.00419	-120.21	7.07	0.00383
-127.28	0.00	0.00351	-134.35	-7.07	0.00321
14.14	127.28	0.00318	7.07	120.21	0.00350
0.00	113.14	0.00387	-7.07	106.07	0.00431
-14.14	98.99	0.00482	-21.21	91.92	0.00543
-28.28	84.85	0.00615	-35.36	77.78	0.00696
-38.89	74.25	0.00737	-42.43	70.71	0.00774
-44.55	68.59	0.00792	-45.96	67.18	0.00799
-47.38	65.76	0.00802	-48.79	64.35	0.00801
-50.20	62.93	0.00794	-62.93	50.20	0.00571
-64.35	48.79	0.00567	-65.76	47.38	0.00566
-67.18	45.96	0.00565	-68.59	44.55	0.00565
-70.71	42.43	0.00565	-74.25	38.89	0.00562
-77.78	35.36	0.00556	-84.85	28.28	0.00531
-91.92	21.21	0.00497	-98.99	14.14	0.00459
-106.07	7.07	0.00422	-113.14	0.00	0.00386
-120.21	-7.07	0.00354	-127.28	-14.14	0.00324
21.21	120.21	0.00318	14.14	113.14	0.00350
7.07	106.07	0.00387	0.00	98.99	0.00431
-7.07	91.92	0.00483	-14.14	84.85	0.00543
-21.21	77.78	0.00615	-28.28	70.71	0.00696
-31.82	67.18	0.00738	-35.36	63.64	0.00775
-37.48	61.52	0.00793	-38.89	60.10	0.00800
-40.31	58.69	0.00803	-41.72	57.28	0.00801
-43.13	55.86	0.00795	-55.86	43.13	0.00573
-57.28	41.72	0.00568	-58.69	40.31	0.00567
-60.10	38.89	0.00567	-61.52	37.48	0.00567

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

19:03:36

**MODELOPTs:

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*** Maximum train overlap at SE/NW Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-63.64	35.36	0.00566	-67.18	31.82	0.00563
-70.71	28.28	0.00557	-77.78	21.21	0.00533
-84.85	14.14	0.00499	-91.92	7.07	0.00461
-98.99	0.00	0.00424	-106.07	-7.07	0.00389
-113.14	-14.14	0.00356	-120.21	-21.21	0.00327
28.28	113.14	0.00317	21.21	106.07	0.00350
14.14	98.99	0.00387	7.07	91.92	0.00431
0.00	84.85	0.00483	-7.07	77.78	0.00544
-14.14	70.71	0.00615	-21.21	63.64	0.00696
-24.75	60.10	0.00739	-28.28	56.57	0.00777
-30.41	54.45	0.00794	-31.82	53.03	0.00801
-33.23	51.62	0.00804	-34.65	50.20	0.00802
-36.06	48.79	0.00795	-48.79	36.06	0.00574
-50.20	34.65	0.00570	-51.62	33.23	0.00568
-53.03	31.82	0.00568	-54.45	30.41	0.00568
-56.57	28.28	0.00567	-60.10	24.75	0.00564
-63.64	21.21	0.00558	-70.71	14.14	0.00534
-77.78	7.07	0.00500	-84.85	0.00	0.00462
-91.92	-7.07	0.00425	-98.99	-14.14	0.00390
-106.07	-21.21	0.00358	-113.14	-28.28	0.00329
35.36	106.07	0.00317	28.28	98.99	0.00349
21.21	91.92	0.00387	14.14	84.85	0.00431
7.07	77.78	0.00483	0.00	70.71	0.00544
-7.07	63.64	0.00615	-14.14	56.57	0.00696
-17.68	53.03	0.00739	-21.21	49.50	0.00778
-23.33	47.38	0.00796	-24.75	45.96	0.00803
-26.16	44.55	0.00808	-27.58	43.13	0.00806
-28.99	41.72	0.00797	-41.72	28.99	0.00575
-43.13	27.58	0.00571	-44.55	26.16	0.00568
-45.96	24.75	0.00568	-47.38	23.33	0.00568
-49.50	21.21	0.00568	-53.03	17.68	0.00565
-56.57	14.14	0.00558	-63.64	7.07	0.00534
-70.71	0.00	0.00501	-77.78	-7.07	0.00463
-84.85	-14.14	0.00426	-91.92	-21.21	0.00392

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-98.99	-28.28	0.00360	-106.07	-35.36	0.00331
42.43	98.99	0.00316	35.36	91.92	0.00348
28.28	84.85	0.00386	21.21	77.78	0.00430
14.14	70.71	0.00482	7.07	63.64	0.00544
0.00	56.57	0.00615	-7.07	49.50	0.00696
-10.61	45.96	0.00739	-14.14	42.43	0.00777

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-16.26	40.31	0.00794	-17.68	38.89	0.00801
-19.09	37.48	0.00805	-20.51	36.06	0.00810
-21.92	34.65	0.00807	-34.65	21.92	0.00574
-36.06	20.51	0.00571	-37.48	19.09	0.00569
-38.89	17.68	0.00569	-40.31	16.26	0.00569
-42.43	14.14	0.00569	-45.96	10.61	0.00566
-49.50	7.07	0.00559	-56.57	0.00	0.00535
-63.64	-7.07	0.00501	-70.71	-14.14	0.00464
-77.78	-21.21	0.00427	-84.85	-28.28	0.00393
-91.92	-35.36	0.00361	-98.99	-42.43	0.00332
49.50	91.92	0.00314	42.43	84.85	0.00347
35.36	77.78	0.00385	28.28	70.71	0.00430
21.21	63.64	0.00482	14.14	56.57	0.00543
7.07	49.50	0.00615	0.00	42.43	0.00695
-3.54	38.89	0.00738	-7.07	35.36	0.00777
-9.19	33.23	0.00795	-10.61	31.82	0.00802
-12.02	30.41	0.00805	-13.44	28.99	0.00807
-14.85	27.58	0.00805	-27.58	14.85	0.00574
-28.99	13.44	0.00570	-30.41	12.02	0.00569
-31.82	10.61	0.00569	-33.23	9.19	0.00569
-35.36	7.07	0.00569	-38.89	3.54	0.00566
-42.43	0.00	0.00559	-49.50	-7.07	0.00535
-56.57	-14.14	0.00502	-63.64	-21.21	0.00465
-70.71	-28.28	0.00428	-77.78	-35.36	0.00393
-84.85	-42.43	0.00362	-91.92	-49.50	0.00333
56.57	84.85	0.00313	49.50	77.78	0.00346
42.43	70.71	0.00384	35.36	63.64	0.00429
28.28	56.57	0.00481	21.21	49.50	0.00543

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

14.14	42.43	0.00615	7.07	35.36	0.00696
3.54	31.82	0.00737	0.00	28.28	0.00776
-2.12	26.16	0.00795	-3.54	24.75	0.00803
-4.95	23.33	0.00806	-6.36	21.92	0.00804
-7.78	20.51	0.00803	-20.51	7.78	0.00574
-21.92	6.36	0.00570	-23.33	4.95	0.00569
-24.75	3.54	0.00569	-26.16	2.12	0.00569
-28.28	0.00	0.00569	-31.82	-3.54	0.00566
-35.36	-7.07	0.00559	-42.43	-14.14	0.00535
-49.50	-21.21	0.00502	-56.57	-28.28	0.00465
-63.64	-35.36	0.00428	-70.71	-42.43	0.00394
-77.78	-49.50	0.00362	-84.85	-56.57	0.00334

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
63.64	77.78	0.00311	56.57	70.71	0.00344
49.50	63.64	0.00383	42.43	56.57	0.00427
35.36	49.50	0.00480	28.28	42.43	0.00542
21.21	35.36	0.00614	14.14	28.28	0.00696
10.61	24.75	0.00738	7.07	21.21	0.00775
4.95	19.09	0.00793	3.54	17.68	0.00802
2.12	16.26	0.00806	0.71	14.85	0.00804
-0.71	13.44	0.00801	-13.44	0.71	0.00574
-14.85	-0.71	0.00570	-16.26	-2.12	0.00569
-17.68	-3.54	0.00569	-19.09	-4.95	0.00569
-21.21	-7.07	0.00569	-24.75	-10.61	0.00566
-28.28	-14.14	0.00559	-35.36	-21.21	0.00535
-42.43	-28.28	0.00502	-49.50	-35.36	0.00465
-56.57	-42.43	0.00428	-63.64	-49.50	0.00394
-70.71	-56.57	0.00363	-77.78	-63.64	0.00334
70.71	70.71	0.00308	63.64	63.64	0.00342
56.57	56.57	0.00381	49.50	49.50	0.00426
42.43	42.43	0.00479	35.36	35.36	0.00541
28.28	28.28	0.00613	21.21	21.21	0.00695
17.68	17.68	0.00737	14.14	14.14	0.00775
12.02	12.02	0.00792	10.61	10.61	0.00801
9.19	9.19	0.00805	7.78	7.78	0.00803

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

6.36	6.36	0.00799	-6.36	-6.36	0.00574
-7.78	-7.78	0.00570	-9.19	-9.19	0.00569
-10.61	-10.61	0.00568	-12.02	-12.02	0.00568
-14.14	-14.14	0.00568	-17.68	-17.68	0.00566
-21.21	-21.21	0.00559	-28.28	-28.28	0.00535
-35.36	-35.36	0.00502	-42.43	-42.43	0.00465
-49.50	-49.50	0.00428	-56.57	-56.57	0.00394
-63.64	-63.64	0.00363	-70.71	-70.71	0.00335
77.78	63.64	0.00306	70.71	56.57	0.00340
63.64	49.50	0.00379	56.57	42.43	0.00424
49.50	35.36	0.00477	42.43	28.28	0.00540
35.36	21.21	0.00612	28.28	14.14	0.00695
24.75	10.61	0.00737	21.21	7.07	0.00775
19.09	4.95	0.00792	17.68	3.54	0.00800
16.26	2.12	0.00804	14.85	0.71	0.00802
13.44	-0.71	0.00796	0.71	-13.44	0.00574
-0.71	-14.85	0.00570	-2.12	-16.26	0.00568
-3.54	-17.68	0.00568	-4.95	-19.09	0.00568

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
 PAGE 133
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-7.07	-21.21	0.00568	-10.61	-24.75	0.00565
-14.14	-28.28	0.00558	-21.21	-35.36	0.00534
-28.28	-42.43	0.00501	-35.36	-49.50	0.00464
-42.43	-56.57	0.00428	-49.50	-63.64	0.00394
-56.57	-70.71	0.00363	-63.64	-77.78	0.00335
84.85	56.57	0.00302	77.78	49.50	0.00337
70.71	42.43	0.00376	63.64	35.36	0.00422
56.57	28.28	0.00476	49.50	21.21	0.00538
42.43	14.14	0.00611	35.36	7.07	0.00694
31.82	3.54	0.00736	28.28	0.00	0.00774
26.16	-2.12	0.00792	24.75	-3.54	0.00800
23.33	-4.95	0.00803	21.92	-6.36	0.00801
20.51	-7.78	0.00795	7.78	-20.51	0.00574
6.36	-21.92	0.00569	4.95	-23.33	0.00568
3.54	-24.75	0.00568	2.12	-26.16	0.00568
0.00	-28.28	0.00567	-3.54	-31.82	0.00564

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

-7.07	-35.36	0.00558	-14.14	-42.43	0.00534
-21.21	-49.50	0.00501	-28.28	-56.57	0.00464
-35.36	-63.64	0.00427	-42.43	-70.71	0.00393
-49.50	-77.78	0.00362	-56.57	-84.85	0.00334
91.92	49.50	0.00299	84.85	42.43	0.00333
77.78	35.36	0.00373	70.71	28.28	0.00420
63.64	21.21	0.00473	56.57	14.14	0.00536
49.50	7.07	0.00609	42.43	0.00	0.00692
38.89	-3.54	0.00736	35.36	-7.07	0.00774
33.23	-9.19	0.00792	31.82	-10.61	0.00799
30.41	-12.02	0.00802	28.99	-13.44	0.00800
27.58	-14.85	0.00793	14.85	-27.58	0.00573
13.44	-28.99	0.00569	12.02	-30.41	0.00567
10.61	-31.82	0.00567	9.19	-33.23	0.00567
7.07	-35.36	0.00566	3.54	-38.89	0.00563
0.00	-42.43	0.00557	-7.07	-49.50	0.00533
-14.14	-56.57	0.00500	-21.21	-63.64	0.00463
-28.28	-70.71	0.00427	-35.36	-77.78	0.00393
-42.43	-84.85	0.00362	-49.50	-91.92	0.00334
98.99	42.43	0.00294	91.92	35.36	0.00329
84.85	28.28	0.00370	77.78	21.21	0.00417
70.71	14.14	0.00471	63.64	7.07	0.00534
56.57	0.00	0.00607	49.50	-7.07	0.00690
45.96	-10.61	0.00733	42.43	-14.14	0.00773

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
 PAGE 134
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.31	-16.26	0.00791	38.89	-17.68	0.00799
37.48	-19.09	0.00804	36.06	-20.51	0.00802
34.65	-21.92	0.00793	21.92	-34.65	0.00572
20.51	-36.06	0.00568	19.09	-37.48	0.00566
17.68	-38.89	0.00565	16.26	-40.31	0.00566
14.14	-42.43	0.00565	10.61	-45.96	0.00562
7.07	-49.50	0.00556	0.00	-56.57	0.00532
-7.07	-63.64	0.00499	-14.14	-70.71	0.00462
-21.21	-77.78	0.00426	-28.28	-84.85	0.00392
-35.36	-91.92	0.00361	-42.43	-98.99	0.00333

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

106.07	35.36	0.00289	98.99	28.28	0.00325
91.92	21.21	0.00366	84.85	14.14	0.00413
77.78	7.07	0.00468	70.71	0.00	0.00532
63.64	-7.07	0.00605	56.57	-14.14	0.00688
53.03	-17.68	0.00732	49.50	-21.21	0.00771
47.38	-23.33	0.00788	45.96	-24.75	0.00795
44.55	-26.16	0.00799	43.13	-27.58	0.00805
41.72	-28.99	0.00801	28.99	-41.72	0.00570
27.58	-43.13	0.00567	26.16	-44.55	0.00565
24.75	-45.96	0.00564	23.33	-47.38	0.00564
21.21	-49.50	0.00564	17.68	-53.03	0.00561
14.14	-56.57	0.00554	7.07	-63.64	0.00530
0.00	-70.71	0.00497	-7.07	-77.78	0.00461
-14.14	-84.85	0.00425	-21.21	-91.92	0.00391
-28.28	-98.99	0.00360	-35.36	-106.07	0.00332
113.14	28.28	0.00283	106.07	21.21	0.00319
98.99	14.14	0.00361	91.92	7.07	0.00409
84.85	0.00	0.00464	77.78	-7.07	0.00529
70.71	-14.14	0.00603	63.64	-21.21	0.00685
60.10	-24.75	0.00729	56.57	-28.28	0.00769
54.45	-30.41	0.00787	53.03	-31.82	0.00794
51.62	-33.23	0.00797	50.20	-34.65	0.00799
48.79	-36.06	0.00797	36.06	-48.79	0.00567
34.65	-50.20	0.00564	33.23	-51.62	0.00563
31.82	-53.03	0.00563	30.41	-54.45	0.00563
28.28	-56.57	0.00563	24.75	-60.10	0.00560
21.21	-63.64	0.00553	14.14	-70.71	0.00529
7.07	-77.78	0.00496	0.00	-84.85	0.00460
-7.07	-91.92	0.00424	-14.14	-98.99	0.00390
-21.21	-106.07	0.00359	-28.28	-113.14	0.00331

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

19:03:36
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.21	21.21	0.00276	113.14	14.14	0.00312
106.07	7.07	0.00355	98.99	0.00	0.00403
91.92	-7.07	0.00460	84.85	-14.14	0.00525
77.78	-21.21	0.00600	70.71	-28.28	0.00684

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

67.18	-31.82	0.00725	63.64	-35.36	0.00765
61.52	-37.48	0.00784	60.10	-38.89	0.00793
58.69	-40.31	0.00796	57.28	-41.72	0.00795
55.86	-43.13	0.00794	43.13	-55.86	0.00566
41.72	-57.28	0.00562	40.31	-58.69	0.00561
38.89	-60.10	0.00561	37.48	-61.52	0.00561
35.36	-63.64	0.00560	31.82	-67.18	0.00558
28.28	-70.71	0.00551	21.21	-77.78	0.00527
14.14	-84.85	0.00494	7.07	-91.92	0.00458
0.00	-98.99	0.00422	-7.07	-106.07	0.00388
-14.14	-113.14	0.00358	-21.21	-120.21	0.00330
127.28	14.14	0.00267	120.21	7.07	0.00304
113.14	0.00	0.00347	106.07	-7.07	0.00397
98.99	-14.14	0.00454	91.92	-21.21	0.00521
84.85	-28.28	0.00596	77.78	-35.36	0.00681
74.25	-38.89	0.00724	70.71	-42.43	0.00762
68.59	-44.55	0.00781	67.18	-45.96	0.00789
65.76	-47.38	0.00794	64.35	-48.79	0.00792
62.93	-50.20	0.00790	50.20	-62.93	0.00563
48.79	-64.35	0.00560	47.38	-65.76	0.00559
45.96	-67.18	0.00558	44.55	-68.59	0.00558
42.43	-70.71	0.00558	38.89	-74.25	0.00556
35.36	-77.78	0.00549	28.28	-84.85	0.00525
21.21	-91.92	0.00492	14.14	-98.99	0.00456
7.07	-106.07	0.00420	0.00	-113.14	0.00387
-7.07	-120.21	0.00356	-14.14	-127.28	0.00328
134.35	7.07	0.00258	127.28	0.00	0.00295
120.21	-7.07	0.00339	113.14	-14.14	0.00389
106.07	-21.21	0.00448	98.99	-28.28	0.00515
91.92	-35.36	0.00592	84.85	-42.43	0.00677
81.32	-45.96	0.00720	77.78	-49.50	0.00760
75.66	-51.62	0.00777	74.25	-53.03	0.00786
72.83	-54.45	0.00790	71.42	-55.86	0.00789
70.00	-57.28	0.00785	57.28	-70.00	0.00561
55.86	-71.42	0.00557	54.45	-72.83	0.00556
53.03	-74.25	0.00556	51.62	-75.66	0.00556

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
49.50	-77.78	0.00556	45.96	-81.32	0.00553
42.43	-84.85	0.00546	35.36	-91.92	0.00523
28.28	-98.99	0.00490	21.21	-106.07	0.00454
14.14	-113.14	0.00418	7.07	-120.21	0.00384
0.00	-127.28	0.00354	-7.07	-134.35	0.00326
141.42	0.00	0.00246	134.35	-7.07	0.00284
127.28	-14.14	0.00328	120.21	-21.21	0.00379
113.14	-28.28	0.00439	106.07	-35.36	0.00508
98.99	-42.43	0.00586	91.92	-49.50	0.00673
88.39	-53.03	0.00716	84.85	-56.57	0.00756
82.73	-58.69	0.00774	81.32	-60.10	0.00782
79.90	-61.52	0.00786	78.49	-62.93	0.00785
77.07	-64.35	0.00779	64.35	-77.07	0.00559
62.93	-78.49	0.00555	61.52	-79.90	0.00553
60.10	-81.32	0.00553	58.69	-82.73	0.00553
56.57	-84.85	0.00552	53.03	-88.39	0.00550
49.50	-91.92	0.00543	42.43	-98.99	0.00520
35.36	-106.07	0.00487	28.28	-113.14	0.00451
21.21	-120.21	0.00415	14.14	-127.28	0.00382
7.07	-134.35	0.00351	0.00	-141.42	0.00324
148.49	-7.07	0.00234	141.42	-14.14	0.00271
134.35	-21.21	0.00315	127.28	-28.28	0.00368
120.21	-35.36	0.00429	113.14	-42.43	0.00499
106.07	-49.50	0.00579	98.99	-56.57	0.00668
95.46	-60.10	0.00712	91.92	-63.64	0.00752
89.80	-65.76	0.00770	88.39	-67.18	0.00778
86.97	-68.59	0.00782	85.56	-70.00	0.00781
84.15	-71.42	0.00775	71.42	-84.15	0.00555
70.00	-85.56	0.00551	68.59	-86.97	0.00550
67.18	-88.39	0.00550	65.76	-89.80	0.00549
63.64	-91.92	0.00549	60.10	-95.46	0.00546
56.57	-98.99	0.00540	49.50	-106.07	0.00517
42.43	-113.14	0.00484	35.36	-120.21	0.00448
28.28	-127.28	0.00412	21.21	-134.35	0.00379
14.14	-141.42	0.00348	7.07	-148.49	0.00321
155.56	-14.14	0.00220	148.49	-21.21	0.00256
141.42	-28.28	0.00300	134.35	-35.36	0.00353
127.28	-42.43	0.00415	120.21	-49.50	0.00488
113.14	-56.57	0.00570	106.07	-63.64	0.00660
102.53	-67.18	0.00706	98.99	-70.71	0.00747

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
96.87	-72.83	0.00766	95.46	-74.25	0.00774
94.05	-75.66	0.00777	92.63	-77.07	0.00776
91.22	-78.49	0.00769	78.49	-91.22	0.00552
77.07	-92.63	0.00547	75.66	-94.05	0.00545
74.25	-95.46	0.00545	72.83	-96.87	0.00545
70.71	-98.99	0.00545	67.18	-102.53	0.00542
63.64	-106.07	0.00536	56.57	-113.14	0.00513
49.50	-120.21	0.00480	42.43	-127.28	0.00445
35.36	-134.35	0.00409	28.28	-141.42	0.00375
21.21	-148.49	0.00345	14.14	-155.56	0.00317
162.63	-21.21	0.00206	155.56	-28.28	0.00240
148.49	-35.36	0.00282	141.42	-42.43	0.00335
134.35	-49.50	0.00399	127.28	-56.57	0.00473
120.21	-63.64	0.00558	113.14	-70.71	0.00651
109.60	-74.25	0.00698	106.07	-77.78	0.00741
103.94	-79.90	0.00761	102.53	-81.32	0.00769
101.12	-82.73	0.00775	99.70	-84.15	0.00774
98.29	-85.56	0.00765	85.56	-98.29	0.00547
84.15	-99.70	0.00543	82.73	-101.12	0.00540
81.32	-102.53	0.00540	79.90	-103.94	0.00540
77.78	-106.07	0.00540	74.25	-109.60	0.00537
70.71	-113.14	0.00531	63.64	-120.21	0.00508
56.57	-127.28	0.00476	49.50	-134.35	0.00440
42.43	-141.42	0.00405	35.36	-148.49	0.00371
28.28	-155.56	0.00340	21.21	-162.63	0.00313
169.71	-28.28	0.00190	162.63	-35.36	0.00222
155.56	-42.43	0.00262	148.49	-49.50	0.00314
141.42	-56.57	0.00377	134.35	-63.64	0.00454
127.28	-70.71	0.00543	120.21	-77.78	0.00639
116.67	-81.32	0.00688	113.14	-84.85	0.00731
111.02	-86.97	0.00750	109.60	-88.39	0.00759
108.19	-89.80	0.00764	106.77	-91.22	0.00770
105.36	-92.63	0.00768	92.63	-105.36	0.00540
91.22	-106.77	0.00537	89.80	-108.19	0.00535
88.39	-109.60	0.00534	86.97	-111.02	0.00534
84.85	-113.14	0.00534	81.32	-116.67	0.00532

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

77.78	-120.21	0.00525	70.71	-127.28	0.00503
63.64	-134.35	0.00471	56.57	-141.42	0.00435
49.50	-148.49	0.00399	42.43	-155.56	0.00366
35.36	-162.63	0.00335	28.28	-169.71	0.00307

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
176.78	-35.36	0.00174	169.71	-42.43	0.00203
162.63	-49.50	0.00240	155.56	-56.57	0.00289
148.49	-63.64	0.00351	141.42	-70.71	0.00429
134.35	-77.78	0.00521	127.28	-84.85	0.00622
123.74	-88.39	0.00673	120.21	-91.92	0.00720
118.09	-94.05	0.00741	116.67	-95.46	0.00750
115.26	-96.87	0.00754	113.84	-98.29	0.00758
112.43	-99.70	0.00757	99.70	-112.43	0.00532
98.29	-113.84	0.00528	96.87	-115.26	0.00527
95.46	-116.67	0.00527	94.05	-118.09	0.00527
91.92	-120.21	0.00527	88.39	-123.74	0.00525
84.85	-127.28	0.00519	77.78	-134.35	0.00497
70.71	-141.42	0.00465	63.64	-148.49	0.00429
56.57	-155.56	0.00393	49.50	-162.63	0.00359
42.43	-169.71	0.00328	35.36	-176.78	0.00301
183.85	-42.43	0.00158	176.78	-49.50	0.00184
169.71	-56.57	0.00217	162.63	-63.64	0.00261
155.56	-70.71	0.00319	148.49	-77.78	0.00396
141.42	-84.85	0.00491	134.35	-91.92	0.00600
130.81	-95.46	0.00654	127.28	-98.99	0.00703
125.16	-101.12	0.00727	123.74	-102.53	0.00738
122.33	-103.94	0.00743	120.92	-105.36	0.00744
119.50	-106.77	0.00744	106.77	-119.50	0.00523
105.36	-120.92	0.00519	103.94	-122.33	0.00518
102.53	-123.74	0.00518	101.12	-125.16	0.00519
98.99	-127.28	0.00519	95.46	-130.81	0.00517
91.92	-134.35	0.00511	84.85	-141.42	0.00489
77.78	-148.49	0.00456	70.71	-155.56	0.00420
63.64	-162.63	0.00384	56.57	-169.71	0.00351
49.50	-176.78	0.00321	42.43	-183.85	0.00293

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

190.92	-49.50	0.00142	183.85	-56.57	0.00164
176.78	-63.64	0.00193	169.71	-70.71	0.00232
162.63	-77.78	0.00284	155.56	-84.85	0.00355
148.49	-91.92	0.00450	141.42	-98.99	0.00566
137.89	-102.53	0.00626	134.35	-106.07	0.00680
132.23	-108.19	0.00706	130.81	-109.60	0.00719
129.40	-111.02	0.00727	127.99	-112.43	0.00729
126.57	-113.84	0.00729	113.84	-126.57	0.00512
112.43	-127.99	0.00509	111.02	-129.40	0.00508
109.60	-130.81	0.00508	108.19	-132.23	0.00508

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** Maximum train overlap at SE/NW Bound Direction ***

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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
106.07	-134.35	0.00508	102.53	-137.89	0.00507
98.99	-141.42	0.00501	91.92	-148.49	0.00479
84.85	-155.56	0.00446	77.78	-162.63	0.00410
70.71	-169.71	0.00374	63.64	-176.78	0.00341
56.57	-183.85	0.00311	49.50	-190.92	0.00284
197.99	-56.57	0.00125	190.92	-63.64	0.00145
183.85	-70.71	0.00169	176.78	-77.78	0.00202
169.71	-84.85	0.00246	162.63	-91.92	0.00307
155.56	-98.99	0.00395	148.49	-106.07	0.00515
144.96	-109.60	0.00582	141.42	-113.14	0.00645
139.30	-115.26	0.00675	137.89	-116.67	0.00692
136.47	-118.09	0.00703	135.06	-119.50	0.00707
133.64	-120.92	0.00708	120.92	-133.64	0.00499
119.50	-135.06	0.00496	118.09	-136.47	0.00495
116.67	-137.89	0.00495	115.26	-139.30	0.00495
113.14	-141.42	0.00496	109.60	-144.96	0.00495
106.07	-148.49	0.00489	98.99	-155.56	0.00466
91.92	-162.63	0.00433	84.85	-169.71	0.00396
77.78	-176.78	0.00361	70.71	-183.85	0.00328
63.64	-190.92	0.00298	56.57	-197.99	0.00272
205.06	-63.64	0.00110	197.99	-70.71	0.00126
190.92	-77.78	0.00146	183.85	-84.85	0.00172
176.78	-91.92	0.00208	169.71	-98.99	0.00257
162.63	-106.07	0.00330	155.56	-113.14	0.00440

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

152.03	-116.67	0.00511	148.49	-120.21	0.00586
146.37	-122.33	0.00626	144.96	-123.74	0.00647
143.54	-125.16	0.00664	142.13	-126.57	0.00674
140.71	-127.99	0.00677	127.99	-140.71	0.00483
126.57	-142.13	0.00480	125.16	-143.54	0.00479
123.74	-144.96	0.00479	122.33	-146.37	0.00480
120.21	-148.49	0.00480	116.67	-152.03	0.00479
113.14	-155.56	0.00472	106.07	-162.63	0.00448
98.99	-169.71	0.00414	91.92	-176.78	0.00378
84.85	-183.85	0.00343	77.78	-190.92	0.00311
70.71	-197.99	0.00282	63.64	-205.06	0.00257
212.13	-70.71	0.00097	205.06	-77.78	0.00109
197.99	-84.85	0.00125	190.92	-91.92	0.00145
183.85	-98.99	0.00171	176.78	-106.07	0.00208
169.71	-113.14	0.00261	162.63	-120.21	0.00346
159.10	-123.74	0.00407	155.56	-127.28	0.00484

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** Maximum train overlap at SE/NW Bound Direction ***

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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
153.44	-129.40	0.00534	152.03	-130.81	0.00565
150.61	-132.23	0.00593	149.20	-133.64	0.00613
147.79	-135.06	0.00627	135.06	-147.79	0.00463
133.64	-149.20	0.00459	132.23	-150.61	0.00459
130.81	-152.03	0.00459	129.40	-153.44	0.00460
127.28	-155.56	0.00459	123.74	-159.10	0.00456
120.21	-162.63	0.00448	113.14	-169.71	0.00422
106.07	-176.78	0.00388	98.99	-183.85	0.00353
91.92	-190.92	0.00319	84.85	-197.99	0.00289
77.78	-205.06	0.00263	70.71	-212.13	0.00240
219.20	-77.78	0.00084	212.13	-84.85	0.00094
205.06	-91.92	0.00106	197.99	-98.99	0.00120
190.92	-106.07	0.00139	183.85	-113.14	0.00163
176.78	-120.21	0.00197	169.71	-127.28	0.00249
166.17	-130.81	0.00287	162.63	-134.35	0.00340
160.51	-136.47	0.00381	159.10	-137.89	0.00413
157.68	-139.30	0.00449	156.27	-140.71	0.00485
154.86	-142.13	0.00519	142.13	-154.86	0.00436

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

140.71	-156.27	0.00432	139.30	-157.68	0.00430
137.89	-159.10	0.00429	136.47	-160.51	0.00429
134.35	-162.63	0.00426	130.81	-166.17	0.00420
127.28	-169.71	0.00410	120.21	-176.78	0.00383
113.14	-183.85	0.00350	106.07	-190.92	0.00319
98.99	-197.99	0.00289	91.92	-205.06	0.00264
84.85	-212.13	0.00241	77.78	-219.20	0.00221
226.27	-84.85	0.00073	219.20	-91.92	0.00080
212.13	-98.99	0.00089	205.06	-106.07	0.00099
197.99	-113.14	0.00112	190.92	-120.21	0.00127
183.85	-127.28	0.00147	176.78	-134.35	0.00171
173.24	-137.89	0.00187	169.71	-141.42	0.00206
167.58	-143.54	0.00220	166.17	-144.96	0.00231
164.76	-146.37	0.00244	163.34	-147.79	0.00261
161.93	-149.20	0.00287	149.20	-161.93	0.00383
147.79	-163.34	0.00375	146.37	-164.76	0.00370
144.96	-166.17	0.00367	143.54	-167.58	0.00364
141.42	-169.71	0.00361	137.89	-173.24	0.00354
134.35	-176.78	0.00347	127.28	-183.85	0.00327
120.21	-190.92	0.00304	113.14	-197.99	0.00281
106.07	-205.06	0.00258	98.99	-212.13	0.00238
91.92	-219.20	0.00219	84.85	-226.27	0.00203

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at SE/NW Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
233.35	-91.92	0.00063	226.27	-98.99	0.00068
219.20	-106.07	0.00074	212.13	-113.14	0.00081
205.06	-120.21	0.00090	197.99	-127.28	0.00099
190.92	-134.35	0.00109	183.85	-141.42	0.00120
180.31	-144.96	0.00125	176.78	-148.49	0.00130
174.66	-150.61	0.00133	173.24	-152.03	0.00134
171.83	-153.44	0.00136	170.41	-154.86	0.00137
169.00	-156.27	0.00139	156.27	-169.00	0.00232
154.86	-170.41	0.00244	153.44	-171.83	0.00253
152.03	-173.24	0.00260	150.61	-174.66	0.00265
148.49	-176.78	0.00271	144.96	-180.31	0.00277
141.42	-183.85	0.00278	134.35	-190.92	0.00272

20NCRA_NAPA01-300_DPM_TRAV_ANN_SE-NW Bound

127.28	-197.99	0.00259	120.21	-205.06	0.00244
113.14	-212.13	0.00228	106.07	-219.20	0.00212
98.99	-226.27	0.00198	91.92	-233.35	0.00184
240.42	-98.99	0.00054	233.35	-106.07	0.00058
226.27	-113.14	0.00063	219.20	-120.21	0.00068
212.13	-127.28	0.00073	205.06	-134.35	0.00079
197.99	-141.42	0.00085	190.92	-148.49	0.00091
187.38	-152.03	0.00094	183.85	-155.56	0.00096
181.73	-157.68	0.00098	180.31	-159.10	0.00100
178.90	-160.51	0.00101	177.48	-161.93	0.00104
176.07	-163.34	0.00107	163.34	-176.07	0.00145
161.93	-177.48	0.00154	160.51	-178.90	0.00163
159.10	-180.31	0.00172	157.68	-181.73	0.00180
155.56	-183.85	0.00191	152.03	-187.38	0.00205
148.49	-190.92	0.00213	141.42	-197.99	0.00219
134.35	-205.06	0.00216	127.28	-212.13	0.00208
120.21	-219.20	0.00198	113.14	-226.27	0.00187
106.07	-233.35	0.00177	98.99	-240.42	0.00167
247.49	-106.07	0.00048	240.42	-113.14	0.00051
233.35	-120.21	0.00054	226.27	-127.28	0.00058
219.20	-134.35	0.00062	212.13	-141.42	0.00066
205.06	-148.49	0.00070	197.99	-155.56	0.00073
194.45	-159.10	0.00075	190.92	-162.63	0.00078
188.80	-164.76	0.00080	187.38	-166.17	0.00082
185.97	-167.58	0.00085	184.55	-169.00	0.00087
183.14	-170.41	0.00090	170.41	-183.14	0.00110
169.00	-184.55	0.00113	167.58	-185.97	0.00117
166.17	-187.38	0.00122	164.76	-188.80	0.00127

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at SE/NW Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
162.63	-190.92	0.00135	159.10	-194.45	0.00148
155.56	-197.99	0.00159	148.49	-205.06	0.00172
141.42	-212.13	0.00175	134.35	-219.20	0.00174
127.28	-226.27	0.00169	120.21	-233.35	0.00163
113.14	-240.42	0.00156	106.07	-247.49	0.00149

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

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*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS 0.00661 AT (	122.33, -103.94, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00660 AT (	120.92, -105.36, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00658 AT (	123.74, -102.53, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00657 AT (	119.50, -106.77, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00657 AT (	129.40, -111.02, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00657 AT (	113.84, -98.29, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00657 AT (	127.99, -112.43, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00656 AT (	115.26, -96.87, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00654 AT (	126.57, -113.84, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00653 AT (	112.43, -99.70, 0.00,	1.20) DC	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00661 AT (	58.69, -40.31, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00660 AT (	57.28, -41.72, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00658 AT (	60.10, -38.89, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00657 AT (	55.86, -43.13, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00657 AT (	65.76, -47.38, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00657 AT (	50.20, -34.65, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00657 AT (	64.35, -48.79, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00656 AT (	51.62, -33.23, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00654 AT (	62.93, -50.20, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00653 AT (	48.79, -36.06, 0.00,	1.20) DC	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00661 AT (	-4.95, 23.33, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00660 AT (	-6.36, 21.92, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00658 AT (	-3.54, 24.75, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00657 AT (	-7.78, 20.51, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00657 AT (	2.12, 16.26, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00657 AT (	-13.44, 28.99, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00657 AT (	0.71, 14.85, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00656 AT (	-12.02, 30.41, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00654 AT (	-0.71, 13.44, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00653 AT (-14.85, 27.58, 0.00,	1.20) DC	NA

1 *** ISCST3 - VERSION 02035 ***

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*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at SE/NW Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00661 AT (	-68.59, 86.97, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00660 AT (	-70.00, 85.56, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00658 AT (	-67.18, 88.39, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00657 AT (	-71.42, 84.15, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00657 AT (	-61.52, 79.90, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00657 AT (	-77.07, 92.63, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00657 AT (	-62.93, 78.49, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00656 AT (	-75.66, 94.05, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00654 AT (	-64.35, 77.07, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00653 AT (	-78.49, 91.22, 0.00,	1.20) DC	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00661 AT (	-132.23, 150.61, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00660 AT (	-133.64, 149.20, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00658 AT (	-130.81, 152.03, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00657 AT (	-135.06, 147.79, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00657 AT (	-125.16, 143.54, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00657 AT (	-140.71, 156.27, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00657 AT (	-126.57, 142.13, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00656 AT (	-139.30, 157.68, 0.00,	1.20) DC	NA

		20NCRA NAPA01-300_DPM_TRAV_ANN_SE-NW Bound							
	9TH HIGHEST VALUE IS	0.00654	AT (	-127.99,	140.71,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00653	AT (	-142.13,	154.86,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00810	AT (	-20.51,	36.06,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00808	AT (	-26.16,	44.55,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00807	AT (	-13.44,	28.99,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00807	AT (	-21.92,	34.65,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00806	AT (	-27.58,	43.13,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00806	AT (	2.12,	16.26,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00806	AT (	-4.95,	23.33,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00805	AT (	-12.02,	30.41,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00805	AT (	-19.09,	37.48,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00805	AT (	-14.85,	27.58,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at SE/NW Bound Direction ***

19:03:36

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 1 Informational Message(s)
 A Total of 1 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***
