

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
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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
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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
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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
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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
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RE DISCCART	-50.0	-200.0	1.2
RE DISCCART	-40.0	-200.0	1.2
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RE DISCCART	-25.0	-200.0	1.2
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RE DISCCART	-9.0	-200.0	1.2
RE DISCCART	9.0	-200.0	1.2
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RE DISCCART	13.0	-200.0	1.2
RE DISCCART	15.0	-200.0	1.2
RE DISCCART	17.0	-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
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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
RE DISCCART	-70.0	-190.0	1.2
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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
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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
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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
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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
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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
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RE DISCCART	-90.0	-150.0	1.2
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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
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RE DISCCART	9.0	-150.0	1.2
RE DISCCART	11.0	-150.0	1.2
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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
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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
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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
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
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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
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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	40.0	200.0	1.2
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RE DISCCART	70.0	200.0	1.2
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RE DISCCART	100.0	200.0	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
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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	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\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 ***

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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\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 *** 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, 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 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);

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);

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

*** NCRA Cumulative DPM Impacts

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

16:46:52

*** 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:

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);

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 *** *** 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)

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

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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);

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 ***
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,	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 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** 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:
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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:

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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);

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 ***
04/20/08

*** NCRA Cumulative DPM Impacts

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

16:46:52

**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);

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 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** 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

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
16:46:52

*** Maximum train overlap at North/South 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
-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:

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE 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 ***

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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	0.00093	-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 *** 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
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 ***

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	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 ***

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
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 ***
 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_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE 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

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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 ***
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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: 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

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04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

*** 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
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

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-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 ***

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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	0.00035
-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:

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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	0.00057	-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 ***

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	-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 ***

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	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 ***

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	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 ***

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	0.00464	-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 ***
 04/20/08

16:46:52

**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
 16:46:52 *** 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	0.00270	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 ***

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

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 *** *** 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	0.00096	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:
 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	0.00036	-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:

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	0.00135	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:

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	0.00499	-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:

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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	0.00039	-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:
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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	0.00203	-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 ***

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	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:

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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
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

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

16:46:52

**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
-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 ***

16:46:52

**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	0.00027	-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 ***

16:46:52

**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 ,

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:

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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	0.00060	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

*** 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	-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 ***

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	-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 ***

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	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

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	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:
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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	0.00074	-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

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:
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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 **

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:

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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	-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:
 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	0.00023	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:
 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	0.00024	-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 ***

16:46:52
 **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	0.00269	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 ***

16:46:52

**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
-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:
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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	0.00314	-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:

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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	0.00748	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:

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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	0.01204	-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:
 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	0.00313	-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:
 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	0.00789	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:
 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 ***

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

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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	0.01180	-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

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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 ***

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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	0.00229	-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

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

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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
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 ***
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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	0.00880	-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 ***
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*** 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
-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 ***
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*** 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
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 ***

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04NCRA_NAPA00-300_DPM_TRAV_ANN_N-S Bound

*** Maximum train overlap at North/South 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 (-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

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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 ***

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

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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 ***
