

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 16:28:19

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Napa\02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound.dat

\*\* Trinity Consultants

CO STARTING

CO TITLEONE NCRA Cumulative DPM Impacts

CO TITLETWO Maximum train overlap at North/South Bound Direction

CO MODELOPT DFAULT CONC URBAN

CO AVERTIME ANNUAL

CO POLLUTID OTHER

CO TERRHGTS FLAT

CO FLAGPOLE 1.2

CO RUNORNOT RUN

CO FINISHED

SO STARTING

SO ELEVUNIT METERS

SO LOCATION NCRA\_S1 AREA -4.5 135.0 0

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

SO LOCATION NCRA\_S2 AREA -4.5 45.0 0

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

SO LOCATION NCRA\_S3 AREA -4.5 -45.0 0

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

SO LOCATION NCRA\_S4 AREA -4.5 -135.0 0

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

SO LOCATION NCRA\_S5 AREA -4.5 -225.0 0

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

SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 0 2.3

SO SRCGROUP NCRA\_S1 NCRA\_S1

SO SRCGROUP NCRA\_S2 NCRA\_S2

SO SRCGROUP NCRA\_S3 NCRA\_S3

SO SRCGROUP NCRA\_S4 NCRA\_S4

SO SRCGROUP NCRA\_S5 NCRA\_S5

SO SRCGROUP ALL

SO FINISHED

RE STARTING

RE DISCCART	-100.0	-250.0	1.2
RE DISCCART	-90.0	-250.0	1.2
RE DISCCART	-80.0	-250.0	1.2
RE DISCCART	-70.0	-250.0	1.2
RE DISCCART	-60.0	-250.0	1.2
RE DISCCART	-50.0	-250.0	1.2
RE DISCCART	-40.0	-250.0	1.2
RE DISCCART	-30.0	-250.0	1.2
RE DISCCART	-25.0	-250.0	1.2
RE DISCCART	-20.0	-250.0	1.2
RE DISCCART	-17.0	-250.0	1.2
RE DISCCART	-15.0	-250.0	1.2
RE DISCCART	-13.0	-250.0	1.2
RE DISCCART	-11.0	-250.0	1.2
RE DISCCART	-9.0	-250.0	1.2
RE DISCCART	9.0	-250.0	1.2
RE DISCCART	11.0	-250.0	1.2
RE DISCCART	13.0	-250.0	1.2
RE DISCCART	15.0	-250.0	1.2
RE DISCCART	17.0	-250.0	1.2
RE DISCCART	20.0	-250.0	1.2
RE DISCCART	25.0	-250.0	1.2
RE DISCCART	30.0	-250.0	1.2
RE DISCCART	40.0	-250.0	1.2
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RE DISCCART	70.0	-250.0	1.2
RE DISCCART	80.0	-250.0	1.2
RE DISCCART	90.0	-250.0	1.2
RE DISCCART	100.0	-250.0	1.2
RE DISCCART	-100.0	-240.0	1.2
RE DISCCART	-90.0	-240.0	1.2
RE DISCCART	-80.0	-240.0	1.2
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RE DISCCART	-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
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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
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RE DISCCART	-80.0	-230.0	1.2
RE DISCCART	-70.0	-230.0	1.2
RE DISCCART	-60.0	-230.0	1.2
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RE DISCCART	-30.0	-230.0	1.2
RE DISCCART	-25.0	-230.0	1.2
RE DISCCART	-20.0	-230.0	1.2
RE DISCCART	-17.0	-230.0	1.2
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RE DISCCART	9.0	-230.0	1.2
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RE DISCCART	13.0	-230.0	1.2
RE DISCCART	15.0	-230.0	1.2
RE DISCCART	17.0	-230.0	1.2
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RE DISCCART	25.0	-230.0	1.2
RE DISCCART	30.0	-230.0	1.2
RE DISCCART	40.0	-230.0	1.2
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RE DISCCART	70.0	-230.0	1.2

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

RE DISCCART	-15.0	-210.0	1.2
RE DISCCART	-13.0	-210.0	1.2
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RE DISCCART	-9.0	-210.0	1.2
RE DISCCART	9.0	-210.0	1.2
RE DISCCART	11.0	-210.0	1.2
RE DISCCART	13.0	-210.0	1.2
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RE DISCCART	50.0	-200.0	1.2

RE DISCCART	60.0	-200.0	1.2
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RE DISCCART	-50.0	-190.0	1.2
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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
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RE DISCCART	-80.0	-180.0	1.2
RE DISCCART	-70.0	-180.0	1.2
RE DISCCART	-60.0	-180.0	1.2
RE DISCCART	-50.0	-180.0	1.2
RE DISCCART	-40.0	-180.0	1.2
RE DISCCART	-30.0	-180.0	1.2
RE DISCCART	-25.0	-180.0	1.2

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

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



RE DISCCART	-30.0	-150.0	1.2
RE DISCCART	-25.0	-150.0	1.2
RE DISCCART	-20.0	-150.0	1.2
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RE DISCCART	-11.0	-150.0	1.2
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RE DISCCART	9.0	-150.0	1.2
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RE DISCCART	-25.0	-140.0	1.2
RE DISCCART	-20.0	-140.0	1.2
RE DISCCART	-17.0	-140.0	1.2
RE DISCCART	-15.0	-140.0	1.2
RE DISCCART	-13.0	-140.0	1.2
RE DISCCART	-11.0	-140.0	1.2
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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
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RE DISCCART	25.0	-140.0	1.2
RE DISCCART	30.0	-140.0	1.2
RE DISCCART	40.0	-140.0	1.2
RE DISCCART	50.0	-140.0	1.2
RE DISCCART	60.0	-140.0	1.2
RE DISCCART	70.0	-140.0	1.2
RE DISCCART	80.0	-140.0	1.2
RE DISCCART	90.0	-140.0	1.2
RE DISCCART	100.0	-140.0	1.2
RE DISCCART	-100.0	-130.0	1.2
RE DISCCART	-90.0	-130.0	1.2
RE DISCCART	-80.0	-130.0	1.2
RE DISCCART	-70.0	-130.0	1.2
RE DISCCART	-60.0	-130.0	1.2
RE DISCCART	-50.0	-130.0	1.2
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RE DISCCART	-25.0	-130.0	1.2
RE DISCCART	-20.0	-130.0	1.2
RE DISCCART	-17.0	-130.0	1.2
RE DISCCART	-15.0	-130.0	1.2
RE DISCCART	-13.0	-130.0	1.2
RE DISCCART	-11.0	-130.0	1.2
RE DISCCART	-9.0	-130.0	1.2
RE DISCCART	9.0	-130.0	1.2
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RE DISCCART	30.0	-130.0	1.2
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RE DISCCART	50.0	-130.0	1.2
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RE DISCCART	70.0	160.0	1.2
RE DISCCART	80.0	160.0	1.2
RE DISCCART	90.0	160.0	1.2
RE DISCCART	100.0	160.0	1.2
RE DISCCART	-100.0	170.0	1.2
RE DISCCART	-90.0	170.0	1.2
RE DISCCART	-80.0	170.0	1.2
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RE DISCCART	-60.0	170.0	1.2
RE DISCCART	-50.0	170.0	1.2
RE DISCCART	-40.0	170.0	1.2
RE DISCCART	-30.0	170.0	1.2
RE DISCCART	-25.0	170.0	1.2
RE DISCCART	-20.0	170.0	1.2
RE DISCCART	-17.0	170.0	1.2
RE DISCCART	-15.0	170.0	1.2
RE DISCCART	-13.0	170.0	1.2
RE DISCCART	-11.0	170.0	1.2
RE DISCCART	-9.0	170.0	1.2

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

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



RE DISCCART	-11.0	200.0	1.2
RE DISCCART	-9.0	200.0	1.2
RE DISCCART	9.0	200.0	1.2
RE DISCCART	11.0	200.0	1.2
RE DISCCART	13.0	200.0	1.2
RE DISCCART	15.0	200.0	1.2
RE DISCCART	17.0	200.0	1.2
RE DISCCART	20.0	200.0	1.2
RE DISCCART	25.0	200.0	1.2
RE DISCCART	30.0	200.0	1.2
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RE DISCCART	70.0	200.0	1.2
RE DISCCART	80.0	200.0	1.2
RE DISCCART	90.0	200.0	1.2
RE DISCCART	100.0	200.0	1.2
RE DISCCART	-100.0	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
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RE DISCCART	-13.0	210.0	1.2
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RE DISCCART	-9.0	210.0	1.2
RE DISCCART	9.0	210.0	1.2
RE DISCCART	11.0	210.0	1.2
RE DISCCART	13.0	210.0	1.2
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RE DISCCART	17.0	210.0	1.2
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RE DISCCART	30.0	210.0	1.2
RE DISCCART	40.0	210.0	1.2
RE DISCCART	50.0	210.0	1.2
RE DISCCART	60.0	210.0	1.2
RE DISCCART	70.0	210.0	1.2

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RE DISCCART	100.0	210.0	1.2
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RE DISCCART	-70.0	220.0	1.2
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RE DISCCART	-50.0	220.0	1.2
RE DISCCART	-40.0	220.0	1.2
RE DISCCART	-30.0	220.0	1.2
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RE DISCCART	-11.0	220.0	1.2
RE DISCCART	-9.0	220.0	1.2
RE DISCCART	9.0	220.0	1.2
RE DISCCART	11.0	220.0	1.2
RE DISCCART	13.0	220.0	1.2
RE DISCCART	15.0	220.0	1.2
RE DISCCART	17.0	220.0	1.2
RE DISCCART	20.0	220.0	1.2
RE DISCCART	25.0	220.0	1.2
RE DISCCART	30.0	220.0	1.2
RE DISCCART	40.0	220.0	1.2
RE DISCCART	50.0	220.0	1.2
RE DISCCART	60.0	220.0	1.2
RE DISCCART	70.0	220.0	1.2
RE DISCCART	80.0	220.0	1.2
RE DISCCART	90.0	220.0	1.2
RE DISCCART	100.0	220.0	1.2
RE DISCCART	-100.0	230.0	1.2
RE DISCCART	-90.0	230.0	1.2
RE DISCCART	-80.0	230.0	1.2
RE DISCCART	-70.0	230.0	1.2
RE DISCCART	-60.0	230.0	1.2
RE DISCCART	-50.0	230.0	1.2
RE DISCCART	-40.0	230.0	1.2
RE DISCCART	-30.0	230.0	1.2
RE DISCCART	-25.0	230.0	1.2
RE DISCCART	-20.0	230.0	1.2
RE DISCCART	-17.0	230.0	1.2

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

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

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP95300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 1995

ME UAIRDATA 4901 1995

ME STARTEND 1995 01 01 1 1995 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

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

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

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

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

16:28:19

\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

\*\*Model Uses NO DRY DEPLETION. DDPLETE = F

\*\*Model Uses NO WET DEPLETION. WDPLETE = F

\*\*NO WET SCAVENGING Data Provided.

\*\*NO GAS DRY DEPOSITION Data Provided.

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

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:

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

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

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

\*\*The Model Assumes A Pollutant Type of: OTHER

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

\*\*Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

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

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

0.10000E+07

Output Units = MICROGRAMS/M\*\*3

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

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\02NCRA-1.DAT

\*\*Output Print File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\02NCRA-1.LST

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
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 \*\*MODELOPTs:  
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\*\*\* AREA SOURCE DATA \*\*\*

EMISSION RATE SOURCE SCALAR VARY BY ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	-4.5	135.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S2	0	0.21100E-07	-4.5	45.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S3	0	0.21100E-07	-4.5	-45.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S4	0	0.21100E-07	-4.5	-135.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S5	0	0.21100E-07	-4.5	-225.0	0.0	4.95	9.00	90.00	0.00	2.30

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

GROUP ID                                      SOURCE IDs

NCRA\_S1    NCRA\_S1 ,

NCRA\_S2    NCRA\_S2 ,

NCRA\_S3    NCRA\_S3 ,

NCRA\_S4    NCRA\_S4 ,

NCRA\_S5    NCRA\_S5 ,

ALL                      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZFLAG)  
 (METERS)

( -100.0, -250.0, 0.0, 1.2);                      ( -90.0, -250.0, 0.0, 1.2);

( -80.0, -250.0, 0.0, 1.2);                      ( -70.0, -250.0, 0.0, 1.2);

( -60.0, -250.0, 0.0, 1.2);                      ( -50.0, -250.0, 0.0, 1.2);

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN N-S Bound

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

\*\*MODELOPTs:  
PAGE 5  
CONC

URBAN FLAT FLGPOL DFAULT

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

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



02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN N-S Bound

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

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

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

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\*\*MODELOPTs:

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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);

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN N-S Bound

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

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

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

16:28:19  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN N-S Bound

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

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

16:28:19  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN N-S Bound

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

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

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

16:28:19  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:28:19

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound  
(METERS)

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN N-S Bound

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

1 \*\*\* 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);

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN N-S Bound

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

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

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

16:28:19

\*\*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);
```



02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN N-S Bound

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

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* 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,	20.0,	0.0,	1.2);	( -90.0,	20.0,	0.0,	1.2);
( -80.0,	20.0,	0.0,	1.2);	( -70.0,	20.0,	0.0,	1.2);
( -60.0,	20.0,	0.0,	1.2);	( -50.0,	20.0,	0.0,	1.2);
( -40.0,	20.0,	0.0,	1.2);	( -30.0,	20.0,	0.0,	1.2);
( -25.0,	20.0,	0.0,	1.2);	( -20.0,	20.0,	0.0,	1.2);
( -17.0,	20.0,	0.0,	1.2);	( -15.0,	20.0,	0.0,	1.2);
( -13.0,	20.0,	0.0,	1.2);	( -11.0,	20.0,	0.0,	1.2);
( -9.0,	20.0,	0.0,	1.2);	( 9.0,	20.0,	0.0,	1.2);
( 11.0,	20.0,	0.0,	1.2);	( 13.0,	20.0,	0.0,	1.2);
( 15.0,	20.0,	0.0,	1.2);	( 17.0,	20.0,	0.0,	1.2);
( 20.0,	20.0,	0.0,	1.2);	( 25.0,	20.0,	0.0,	1.2);
( 30.0,	20.0,	0.0,	1.2);	( 40.0,	20.0,	0.0,	1.2);
( 50.0,	20.0,	0.0,	1.2);	( 60.0,	20.0,	0.0,	1.2);
( 70.0,	20.0,	0.0,	1.2);	( 80.0,	20.0,	0.0,	1.2);
( 90.0,	20.0,	0.0,	1.2);	( 100.0,	20.0,	0.0,	1.2);
( -100.0,	30.0,	0.0,	1.2);	( -90.0,	30.0,	0.0,	1.2);
( -80.0,	30.0,	0.0,	1.2);	( -70.0,	30.0,	0.0,	1.2);
( -60.0,	30.0,	0.0,	1.2);	( -50.0,	30.0,	0.0,	1.2);
( -40.0,	30.0,	0.0,	1.2);	( -30.0,	30.0,	0.0,	1.2);

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:28:19

\*\*MODELOPTs:  
PAGE 15

CONC

URBAN FLAT FLGPOL DFAULT

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

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN N-S Bound

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

\*\*MODELOPTs:  
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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);

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN N-S Bound

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

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN N-S Bound

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

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

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:  
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);



02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN N-S Bound

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

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

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN N-S Bound

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

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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



02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
95	01	01	01	162.0	2.68	279.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	02	224.0	3.62	281.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	03	154.0	2.19	280.3	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	04	188.0	2.82	279.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	05	212.0	2.37	280.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	06	136.0	1.83	280.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	07	140.0	1.61	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	08	168.0	1.83	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	09	161.0	2.32	280.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	10	160.0	2.77	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	11	169.0	3.08	281.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	12	182.0	3.04	281.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	13	175.0	3.13	282.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	14	172.0	3.62	282.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	15	169.0	3.08	282.4	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	16	171.0	3.00	282.3	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	17	172.0	2.32	282.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	18	183.0	2.82	281.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	19	177.0	2.46	281.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	20	213.0	1.74	281.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	21	185.0	2.06	281.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	22	252.0	1.52	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	23	191.0	1.16	278.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	24	214.0	1.00	278.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

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

04/20/08

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-240.00	0.00012	-50.00	-240.00	0.00012
-40.00	-240.00	0.00011	-30.00	-240.00	0.00011
-25.00	-240.00	0.00011	-20.00	-240.00	0.00010
-17.00	-240.00	0.00010	-15.00	-240.00	0.00010
-13.00	-240.00	0.00010	-11.00	-240.00	0.00010
-9.00	-240.00	0.00010	9.00	-240.00	0.00009
11.00	-240.00	0.00009	13.00	-240.00	0.00009
15.00	-240.00	0.00009	17.00	-240.00	0.00009
20.00	-240.00	0.00009	25.00	-240.00	0.00009
30.00	-240.00	0.00008	40.00	-240.00	0.00008
50.00	-240.00	0.00008	60.00	-240.00	0.00007
70.00	-240.00	0.00007	80.00	-240.00	0.00007
90.00	-240.00	0.00007	100.00	-240.00	0.00006
-100.00	-230.00	0.00014	-90.00	-230.00	0.00014
-80.00	-230.00	0.00013	-70.00	-230.00	0.00013
-60.00	-230.00	0.00013	-50.00	-230.00	0.00012
-40.00	-230.00	0.00012	-30.00	-230.00	0.00011
-25.00	-230.00	0.00011	-20.00	-230.00	0.00011
-17.00	-230.00	0.00011	-15.00	-230.00	0.00011
-13.00	-230.00	0.00011	-11.00	-230.00	0.00011
-9.00	-230.00	0.00010	9.00	-230.00	0.00010
11.00	-230.00	0.00009	13.00	-230.00	0.00009
15.00	-230.00	0.00009	17.00	-230.00	0.00009

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

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 \*\*MODELOPTS:  
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CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

16:28:19  
 \*\*MODELOPTS:  
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CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,  
                                          \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                          \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound  
CONC

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:28:19  
\*\*MODELOPTS:



URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

16:28:19

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-100.00	0.00022	-11.00	-100.00	0.00022
-9.00	-100.00	0.00021	9.00	-100.00	0.00019
11.00	-100.00	0.00019	13.00	-100.00	0.00018
15.00	-100.00	0.00018	17.00	-100.00	0.00018
20.00	-100.00	0.00018	25.00	-100.00	0.00017
30.00	-100.00	0.00016	40.00	-100.00	0.00016
50.00	-100.00	0.00015	60.00	-100.00	0.00014
70.00	-100.00	0.00013	80.00	-100.00	0.00013
90.00	-100.00	0.00013	100.00	-100.00	0.00012

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

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

16:28:19

\*\*MODELOPTs:

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-80.00	0.00020	25.00	-80.00	0.00019
30.00	-80.00	0.00019	40.00	-80.00	0.00018
50.00	-80.00	0.00017	60.00	-80.00	0.00016
70.00	-80.00	0.00015	80.00	-80.00	0.00015
90.00	-80.00	0.00014	100.00	-80.00	0.00014
-100.00	-70.00	0.00031	-90.00	-70.00	0.00032
-80.00	-70.00	0.00033	-70.00	-70.00	0.00033
-60.00	-70.00	0.00034	-50.00	-70.00	0.00033
-40.00	-70.00	0.00032	-30.00	-70.00	0.00030
-25.00	-70.00	0.00030	-20.00	-70.00	0.00029
-17.00	-70.00	0.00028	-15.00	-70.00	0.00028
-13.00	-70.00	0.00027	-11.00	-70.00	0.00027
-9.00	-70.00	0.00027	9.00	-70.00	0.00023
11.00	-70.00	0.00023	13.00	-70.00	0.00022
15.00	-70.00	0.00022	17.00	-70.00	0.00022

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

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

16:28:19

\*\*MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00021	25.00	-70.00	0.00021
30.00	-70.00	0.00020	40.00	-70.00	0.00019
50.00	-70.00	0.00018	60.00	-70.00	0.00017
70.00	-70.00	0.00016	80.00	-70.00	0.00016
90.00	-70.00	0.00015	100.00	-70.00	0.00015
-100.00	-60.00	0.00033	-90.00	-60.00	0.00034
-80.00	-60.00	0.00035	-70.00	-60.00	0.00036
-60.00	-60.00	0.00036	-50.00	-60.00	0.00036
-40.00	-60.00	0.00035	-30.00	-60.00	0.00033
-25.00	-60.00	0.00032	-20.00	-60.00	0.00031
-17.00	-60.00	0.00031	-15.00	-60.00	0.00030
-13.00	-60.00	0.00030	-11.00	-60.00	0.00029
-9.00	-60.00	0.00029	9.00	-60.00	0.00025
11.00	-60.00	0.00025	13.00	-60.00	0.00024
15.00	-60.00	0.00024	17.00	-60.00	0.00023
20.00	-60.00	0.00023	25.00	-60.00	0.00022
30.00	-60.00	0.00021	40.00	-60.00	0.00020
50.00	-60.00	0.00019	60.00	-60.00	0.00018
70.00	-60.00	0.00017	80.00	-60.00	0.00017

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-60.00	0.00016	100.00	-60.00	0.00015
-100.00	-50.00	0.00035	-90.00	-50.00	0.00036
-80.00	-50.00	0.00038	-70.00	-50.00	0.00039
-60.00	-50.00	0.00039	-50.00	-50.00	0.00039
-40.00	-50.00	0.00038	-30.00	-50.00	0.00036
-25.00	-50.00	0.00035	-20.00	-50.00	0.00034
-17.00	-50.00	0.00033	-15.00	-50.00	0.00033
-13.00	-50.00	0.00032	-11.00	-50.00	0.00032
-9.00	-50.00	0.00031	9.00	-50.00	0.00027
11.00	-50.00	0.00026	13.00	-50.00	0.00026
15.00	-50.00	0.00026	17.00	-50.00	0.00025
20.00	-50.00	0.00025	25.00	-50.00	0.00024
30.00	-50.00	0.00023	40.00	-50.00	0.00021
50.00	-50.00	0.00020	60.00	-50.00	0.00019
70.00	-50.00	0.00018	80.00	-50.00	0.00018
90.00	-50.00	0.00017	100.00	-50.00	0.00016
-100.00	-40.00	0.00037	-90.00	-40.00	0.00039
-80.00	-40.00	0.00040	-70.00	-40.00	0.00042
-60.00	-40.00	0.00042	-50.00	-40.00	0.00042
-40.00	-40.00	0.00041	-30.00	-40.00	0.00039
-25.00	-40.00	0.00038	-20.00	-40.00	0.00037

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

16:28:19  
 \*\*MODELOPTs:  
 PAGE 31  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00036	-15.00	-40.00	0.00036
-13.00	-40.00	0.00035	-11.00	-40.00	0.00035
-9.00	-40.00	0.00034	9.00	-40.00	0.00029
11.00	-40.00	0.00029	13.00	-40.00	0.00028
15.00	-40.00	0.00028	17.00	-40.00	0.00027
20.00	-40.00	0.00027	25.00	-40.00	0.00025
30.00	-40.00	0.00025	40.00	-40.00	0.00023
50.00	-40.00	0.00022	60.00	-40.00	0.00021
70.00	-40.00	0.00020	80.00	-40.00	0.00019
90.00	-40.00	0.00018	100.00	-40.00	0.00017
-100.00	-30.00	0.00040	-90.00	-30.00	0.00041
-80.00	-30.00	0.00043	-70.00	-30.00	0.00045
-60.00	-30.00	0.00046	-50.00	-30.00	0.00046

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-30.00	0.00045	-30.00	-30.00	0.00043
-25.00	-30.00	0.00042	-20.00	-30.00	0.00041
-17.00	-30.00	0.00040	-15.00	-30.00	0.00039
-13.00	-30.00	0.00039	-11.00	-30.00	0.00038
-9.00	-30.00	0.00037	9.00	-30.00	0.00032
11.00	-30.00	0.00031	13.00	-30.00	0.00031
15.00	-30.00	0.00030	17.00	-30.00	0.00029
20.00	-30.00	0.00029	25.00	-30.00	0.00028
30.00	-30.00	0.00026	40.00	-30.00	0.00025
50.00	-30.00	0.00023	60.00	-30.00	0.00022
70.00	-30.00	0.00021	80.00	-30.00	0.00020
90.00	-30.00	0.00019	100.00	-30.00	0.00018
-100.00	-20.00	0.00043	-90.00	-20.00	0.00044
-80.00	-20.00	0.00046	-70.00	-20.00	0.00048
-60.00	-20.00	0.00050	-50.00	-20.00	0.00051
-40.00	-20.00	0.00050	-30.00	-20.00	0.00048
-25.00	-20.00	0.00046	-20.00	-20.00	0.00045
-17.00	-20.00	0.00044	-15.00	-20.00	0.00043
-13.00	-20.00	0.00042	-11.00	-20.00	0.00042
-9.00	-20.00	0.00041	9.00	-20.00	0.00035
11.00	-20.00	0.00034	13.00	-20.00	0.00033
15.00	-20.00	0.00033	17.00	-20.00	0.00032
20.00	-20.00	0.00031	25.00	-20.00	0.00030
30.00	-20.00	0.00029	40.00	-20.00	0.00027
50.00	-20.00	0.00025	60.00	-20.00	0.00024
70.00	-20.00	0.00023	80.00	-20.00	0.00022
90.00	-20.00	0.00021	100.00	-20.00	0.00019

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

16:28:19  
 \*\*MODELOPTs:  
 PAGE 32

CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00046	-90.00	-10.00	0.00048
-80.00	-10.00	0.00050	-70.00	-10.00	0.00052
-60.00	-10.00	0.00054	-50.00	-10.00	0.00056
-40.00	-10.00	0.00055	-30.00	-10.00	0.00053
-25.00	-10.00	0.00052	-20.00	-10.00	0.00050
-17.00	-10.00	0.00049	-15.00	-10.00	0.00048
-13.00	-10.00	0.00047	-11.00	-10.00	0.00046

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-10.00	0.00045	9.00	-10.00	0.00038
11.00	-10.00	0.00037	13.00	-10.00	0.00036
15.00	-10.00	0.00036	17.00	-10.00	0.00035
20.00	-10.00	0.00034	25.00	-10.00	0.00032
30.00	-10.00	0.00031	40.00	-10.00	0.00029
50.00	-10.00	0.00027	60.00	-10.00	0.00026
70.00	-10.00	0.00025	80.00	-10.00	0.00023
90.00	-10.00	0.00022	100.00	-10.00	0.00020
-100.00	0.00	0.00050	-90.00	0.00	0.00052
-80.00	0.00	0.00054	-70.00	0.00	0.00057
-60.00	0.00	0.00059	-50.00	0.00	0.00061
-40.00	0.00	0.00061	-30.00	0.00	0.00059
-25.00	0.00	0.00058	-20.00	0.00	0.00056
-17.00	0.00	0.00054	-15.00	0.00	0.00053
-13.00	0.00	0.00052	-11.00	0.00	0.00051
-9.00	0.00	0.00050	9.00	0.00	0.00042
11.00	0.00	0.00041	13.00	0.00	0.00040
15.00	0.00	0.00039	17.00	0.00	0.00038
20.00	0.00	0.00037	25.00	0.00	0.00035
30.00	0.00	0.00034	40.00	0.00	0.00032
50.00	0.00	0.00030	60.00	0.00	0.00028
70.00	0.00	0.00027	80.00	0.00	0.00025
90.00	0.00	0.00023	100.00	0.00	0.00021
-100.00	10.00	0.00054	-90.00	10.00	0.00056
-80.00	10.00	0.00059	-70.00	10.00	0.00062
-60.00	10.00	0.00065	-50.00	10.00	0.00067
-40.00	10.00	0.00068	-30.00	10.00	0.00066
-25.00	10.00	0.00065	-20.00	10.00	0.00062
-17.00	10.00	0.00061	-15.00	10.00	0.00060
-13.00	10.00	0.00059	-11.00	10.00	0.00057
-9.00	10.00	0.00056	9.00	10.00	0.00046
11.00	10.00	0.00045	13.00	10.00	0.00044
15.00	10.00	0.00043	17.00	10.00	0.00042

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

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

16:28:19

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

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

-----  
 20.00 10.00 0.00041 25.00 10.00 0.00039

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	10.00	0.00037	40.00	10.00	0.00035
50.00	10.00	0.00033	60.00	10.00	0.00031
70.00	10.00	0.00029	80.00	10.00	0.00027
90.00	10.00	0.00024	100.00	10.00	0.00022
-100.00	20.00	0.00058	-90.00	20.00	0.00061
-80.00	20.00	0.00064	-70.00	20.00	0.00067
-60.00	20.00	0.00071	-50.00	20.00	0.00074
-40.00	20.00	0.00076	-30.00	20.00	0.00075
-25.00	20.00	0.00073	-20.00	20.00	0.00070
-17.00	20.00	0.00069	-15.00	20.00	0.00067
-13.00	20.00	0.00066	-11.00	20.00	0.00065
-9.00	20.00	0.00063	9.00	20.00	0.00051
11.00	20.00	0.00050	13.00	20.00	0.00049
15.00	20.00	0.00048	17.00	20.00	0.00047
20.00	20.00	0.00045	25.00	20.00	0.00043
30.00	20.00	0.00041	40.00	20.00	0.00038
50.00	20.00	0.00036	60.00	20.00	0.00034
70.00	20.00	0.00031	80.00	20.00	0.00029
90.00	20.00	0.00026	100.00	20.00	0.00023
-100.00	30.00	0.00064	-90.00	30.00	0.00067
-80.00	30.00	0.00070	-70.00	30.00	0.00074
-60.00	30.00	0.00078	-50.00	30.00	0.00082
-40.00	30.00	0.00085	-30.00	30.00	0.00085
-25.00	30.00	0.00083	-20.00	30.00	0.00080
-17.00	30.00	0.00078	-15.00	30.00	0.00077
-13.00	30.00	0.00075	-11.00	30.00	0.00074
-9.00	30.00	0.00072	9.00	30.00	0.00057
11.00	30.00	0.00056	13.00	30.00	0.00054
15.00	30.00	0.00053	17.00	30.00	0.00052
20.00	30.00	0.00050	25.00	30.00	0.00048
30.00	30.00	0.00046	40.00	30.00	0.00042
50.00	30.00	0.00040	60.00	30.00	0.00037
70.00	30.00	0.00034	80.00	30.00	0.00030
90.00	30.00	0.00026	100.00	30.00	0.00023
-100.00	40.00	0.00069	-90.00	40.00	0.00073
-80.00	40.00	0.00077	-70.00	40.00	0.00082
-60.00	40.00	0.00086	-50.00	40.00	0.00091
-40.00	40.00	0.00096	-30.00	40.00	0.00097
-25.00	40.00	0.00095	-20.00	40.00	0.00092

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:28:19

\*\*MODELOPTs:

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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	0.00090	-15.00	40.00	0.00088	
-13.00	40.00	0.00086	-11.00	40.00	0.00084	
-9.00	40.00	0.00082	9.00	40.00	0.00064	
11.00	40.00	0.00062	13.00	40.00	0.00061	
15.00	40.00	0.00059	17.00	40.00	0.00058	
20.00	40.00	0.00056	25.00	40.00	0.00053	
30.00	40.00	0.00051	40.00	40.00	0.00047	
50.00	40.00	0.00044	60.00	40.00	0.00040	
70.00	40.00	0.00036	80.00	40.00	0.00031	
90.00	40.00	0.00027	100.00	40.00	0.00023	
-100.00	50.00	0.00075	-90.00	50.00	0.00080	
-80.00	50.00	0.00085	-70.00	50.00	0.00091	
-60.00	50.00	0.00096	-50.00	50.00	0.00102	
-40.00	50.00	0.00108	-30.00	50.00	0.00111	
-25.00	50.00	0.00110	-20.00	50.00	0.00107	
-17.00	50.00	0.00104	-15.00	50.00	0.00102	
-13.00	50.00	0.00100	-11.00	50.00	0.00098	
-9.00	50.00	0.00095	9.00	50.00	0.00073	
11.00	50.00	0.00071	13.00	50.00	0.00069	
15.00	50.00	0.00067	17.00	50.00	0.00065	
20.00	50.00	0.00063	25.00	50.00	0.00060	
30.00	50.00	0.00057	40.00	50.00	0.00053	
50.00	50.00	0.00048	60.00	50.00	0.00043	
70.00	50.00	0.00038	80.00	50.00	0.00033	
90.00	50.00	0.00028	100.00	50.00	0.00024	
-100.00	60.00	0.00082	-90.00	60.00	0.00088	
-80.00	60.00	0.00094	-70.00	60.00	0.00101	
-60.00	60.00	0.00108	-50.00	60.00	0.00115	
-40.00	60.00	0.00122	-30.00	60.00	0.00127	
-25.00	60.00	0.00127	-20.00	60.00	0.00125	
-17.00	60.00	0.00122	-15.00	60.00	0.00120	
-13.00	60.00	0.00117	-11.00	60.00	0.00114	
-9.00	60.00	0.00111	9.00	60.00	0.00083	
11.00	60.00	0.00081	13.00	60.00	0.00078	
15.00	60.00	0.00076	17.00	60.00	0.00074	
20.00	60.00	0.00071	25.00	60.00	0.00068	
30.00	60.00	0.00064	40.00	60.00	0.00059	
50.00	60.00	0.00053	60.00	60.00	0.00046	
70.00	60.00	0.00040	80.00	60.00	0.00034	

90.00 60.00 0.00028 100.00 60.00 0.00024

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

16:28:19

\*\*MODELOPTs:  
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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	0.00088	-90.00	70.00	0.00096
-80.00	70.00	0.00104	-70.00	70.00	0.00113
-60.00	70.00	0.00121	-50.00	70.00	0.00130
-40.00	70.00	0.00139	-30.00	70.00	0.00146
-25.00	70.00	0.00148	-20.00	70.00	0.00147
-17.00	70.00	0.00144	-15.00	70.00	0.00142
-13.00	70.00	0.00139	-11.00	70.00	0.00135
-9.00	70.00	0.00131	9.00	70.00	0.00096
11.00	70.00	0.00092	13.00	70.00	0.00090
15.00	70.00	0.00087	17.00	70.00	0.00085
20.00	70.00	0.00081	25.00	70.00	0.00077
30.00	70.00	0.00073	40.00	70.00	0.00066
50.00	70.00	0.00058	60.00	70.00	0.00049
70.00	70.00	0.00041	80.00	70.00	0.00034
90.00	70.00	0.00028	100.00	70.00	0.00024
-100.00	80.00	0.00094	-90.00	80.00	0.00104
-80.00	80.00	0.00114	-70.00	80.00	0.00125
-60.00	80.00	0.00136	-50.00	80.00	0.00148
-40.00	80.00	0.00159	-30.00	80.00	0.00169
-25.00	80.00	0.00173	-20.00	80.00	0.00174
-17.00	80.00	0.00172	-15.00	80.00	0.00169
-13.00	80.00	0.00166	-11.00	80.00	0.00162
-9.00	80.00	0.00157	9.00	80.00	0.00111
11.00	80.00	0.00107	13.00	80.00	0.00103
15.00	80.00	0.00100	17.00	80.00	0.00098
20.00	80.00	0.00094	25.00	80.00	0.00089
30.00	80.00	0.00084	40.00	80.00	0.00073
50.00	80.00	0.00062	60.00	80.00	0.00051
70.00	80.00	0.00042	80.00	80.00	0.00034
90.00	80.00	0.00029	100.00	80.00	0.00024
-100.00	90.00	0.00100	-90.00	90.00	0.00112
-80.00	90.00	0.00125	-70.00	90.00	0.00138
-60.00	90.00	0.00153	-50.00	90.00	0.00168

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	90.00	0.00183	-30.00	90.00	0.00197
-25.00	90.00	0.00203	-20.00	90.00	0.00206
-17.00	90.00	0.00206	-15.00	90.00	0.00204
-13.00	90.00	0.00201	-11.00	90.00	0.00196
-9.00	90.00	0.00191	9.00	90.00	0.00130
11.00	90.00	0.00125	13.00	90.00	0.00121
15.00	90.00	0.00117	17.00	90.00	0.00113

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

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

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S) :            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00109	25.00	90.00	0.00102
30.00	90.00	0.00095	40.00	90.00	0.00080
50.00	90.00	0.00065	60.00	90.00	0.00053
70.00	90.00	0.00043	80.00	90.00	0.00035
90.00	90.00	0.00029	100.00	90.00	0.00025
-100.00	100.00	0.00106	-90.00	100.00	0.00119
-80.00	100.00	0.00135	-70.00	100.00	0.00151
-60.00	100.00	0.00170	-50.00	100.00	0.00190
-40.00	100.00	0.00211	-30.00	100.00	0.00230
-25.00	100.00	0.00238	-20.00	100.00	0.00244
-17.00	100.00	0.00246	-15.00	100.00	0.00246
-13.00	100.00	0.00244	-11.00	100.00	0.00240
-9.00	100.00	0.00235	9.00	100.00	0.00153
11.00	100.00	0.00147	13.00	100.00	0.00142
15.00	100.00	0.00137	17.00	100.00	0.00133
20.00	100.00	0.00127	25.00	100.00	0.00116
30.00	100.00	0.00105	40.00	100.00	0.00085
50.00	100.00	0.00068	60.00	100.00	0.00054
70.00	100.00	0.00044	80.00	100.00	0.00036
90.00	100.00	0.00030	100.00	100.00	0.00026
-100.00	110.00	0.00110	-90.00	110.00	0.00126
-80.00	110.00	0.00144	-70.00	110.00	0.00164
-60.00	110.00	0.00187	-50.00	110.00	0.00212
-40.00	110.00	0.00241	-30.00	110.00	0.00269
-25.00	110.00	0.00281	-20.00	110.00	0.00291
-17.00	110.00	0.00295	-15.00	110.00	0.00297
-13.00	110.00	0.00297	-11.00	110.00	0.00295

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	110.00	0.00290	9.00	110.00	0.00182
11.00	110.00	0.00174	13.00	110.00	0.00167
15.00	110.00	0.00161	17.00	110.00	0.00154
20.00	110.00	0.00144	25.00	110.00	0.00128
30.00	110.00	0.00113	40.00	110.00	0.00089
50.00	110.00	0.00070	60.00	110.00	0.00056
70.00	110.00	0.00046	80.00	110.00	0.00038
90.00	110.00	0.00032	100.00	110.00	0.00027
-100.00	120.00	0.00113	-90.00	120.00	0.00130
-80.00	120.00	0.00151	-70.00	120.00	0.00174
-60.00	120.00	0.00202	-50.00	120.00	0.00234
-40.00	120.00	0.00269	-30.00	120.00	0.00308
-25.00	120.00	0.00328	-20.00	120.00	0.00345

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00354	-15.00	120.00	0.00359
-13.00	120.00	0.00362	-11.00	120.00	0.00363
-9.00	120.00	0.00361	9.00	120.00	0.00217
11.00	120.00	0.00205	13.00	120.00	0.00193
15.00	120.00	0.00182	17.00	120.00	0.00172
20.00	120.00	0.00158	25.00	120.00	0.00137
30.00	120.00	0.00121	40.00	120.00	0.00094
50.00	120.00	0.00074	60.00	120.00	0.00059
70.00	120.00	0.00048	80.00	120.00	0.00039
90.00	120.00	0.00033	100.00	120.00	0.00028
-100.00	130.00	0.00113	-90.00	130.00	0.00132
-80.00	130.00	0.00154	-70.00	130.00	0.00180
-60.00	130.00	0.00212	-50.00	130.00	0.00249
-40.00	130.00	0.00292	-30.00	130.00	0.00341
-25.00	130.00	0.00369	-20.00	130.00	0.00398
-17.00	130.00	0.00415	-15.00	130.00	0.00426
-13.00	130.00	0.00438	-11.00	130.00	0.00450
-9.00	130.00	0.00461	9.00	130.00	0.00249
11.00	130.00	0.00230	13.00	130.00	0.00214
15.00	130.00	0.00200	17.00	130.00	0.00188
20.00	130.00	0.00171	25.00	130.00	0.00149

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	130.00	0.00130	40.00	130.00	0.00100
50.00	130.00	0.00078	60.00	130.00	0.00062
70.00	130.00	0.00050	80.00	130.00	0.00041
90.00	130.00	0.00035	100.00	130.00	0.00030
-100.00	140.00	0.00112	-90.00	140.00	0.00131
-80.00	140.00	0.00154	-70.00	140.00	0.00182
-60.00	140.00	0.00216	-50.00	140.00	0.00257
-40.00	140.00	0.00304	-30.00	140.00	0.00360
-25.00	140.00	0.00392	-20.00	140.00	0.00428
-17.00	140.00	0.00451	-15.00	140.00	0.00468
-13.00	140.00	0.00486	-11.00	140.00	0.00507
-9.00	140.00	0.00533	9.00	140.00	0.00304
11.00	140.00	0.00273	13.00	140.00	0.00250
15.00	140.00	0.00231	17.00	140.00	0.00214
20.00	140.00	0.00194	25.00	140.00	0.00166
30.00	140.00	0.00143	40.00	140.00	0.00108
50.00	140.00	0.00083	60.00	140.00	0.00065
70.00	140.00	0.00053	80.00	140.00	0.00044
90.00	140.00	0.00037	100.00	140.00	0.00032

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

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00109	-90.00	150.00	0.00127
-80.00	150.00	0.00151	-70.00	150.00	0.00179
-60.00	150.00	0.00214	-50.00	150.00	0.00256
-40.00	150.00	0.00305	-30.00	150.00	0.00361
-25.00	150.00	0.00393	-20.00	150.00	0.00429
-17.00	150.00	0.00454	-15.00	150.00	0.00472
-13.00	150.00	0.00492	-11.00	150.00	0.00518
-9.00	150.00	0.00555	9.00	150.00	0.00421
11.00	150.00	0.00368	13.00	150.00	0.00329
15.00	150.00	0.00297	17.00	150.00	0.00271
20.00	150.00	0.00239	25.00	150.00	0.00197
30.00	150.00	0.00166	40.00	150.00	0.00121
50.00	150.00	0.00091	60.00	150.00	0.00071
70.00	150.00	0.00057	80.00	150.00	0.00048
90.00	150.00	0.00040	100.00	150.00	0.00035

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	160.00	0.00104	-90.00	160.00	0.00122
-80.00	160.00	0.00144	-70.00	160.00	0.00172
-60.00	160.00	0.00206	-50.00	160.00	0.00247
-40.00	160.00	0.00295	-30.00	160.00	0.00350
-25.00	160.00	0.00381	-20.00	160.00	0.00419
-17.00	160.00	0.00448	-15.00	160.00	0.00472
-13.00	160.00	0.00502	-11.00	160.00	0.00541
-9.00	160.00	0.00597	9.00	160.00	0.00523
11.00	160.00	0.00459	13.00	160.00	0.00409
15.00	160.00	0.00368	17.00	160.00	0.00333
20.00	160.00	0.00290	25.00	160.00	0.00235
30.00	160.00	0.00194	40.00	160.00	0.00137
50.00	160.00	0.00102	60.00	160.00	0.00079
70.00	160.00	0.00064	80.00	160.00	0.00052
90.00	160.00	0.00044	100.00	160.00	0.00038
-100.00	170.00	0.00097	-90.00	170.00	0.00114
-80.00	170.00	0.00134	-70.00	170.00	0.00160
-60.00	170.00	0.00192	-50.00	170.00	0.00231
-40.00	170.00	0.00277	-30.00	170.00	0.00331
-25.00	170.00	0.00364	-20.00	170.00	0.00408
-17.00	170.00	0.00445	-15.00	170.00	0.00477
-13.00	170.00	0.00517	-11.00	170.00	0.00568
-9.00	170.00	0.00637	9.00	170.00	0.00598
11.00	170.00	0.00528	13.00	170.00	0.00472
15.00	170.00	0.00425	17.00	170.00	0.00385

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00335	25.00	170.00	0.00270
30.00	170.00	0.00221	40.00	170.00	0.00155
50.00	170.00	0.00115	60.00	170.00	0.00089
70.00	170.00	0.00071	80.00	170.00	0.00058
90.00	170.00	0.00048	100.00	170.00	0.00041
-100.00	180.00	0.00089	-90.00	180.00	0.00104
-80.00	180.00	0.00122	-70.00	180.00	0.00145
-60.00	180.00	0.00173	-50.00	180.00	0.00208
-40.00	180.00	0.00252	-30.00	180.00	0.00308

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	180.00	0.00345	-20.00	180.00	0.00396
-17.00	180.00	0.00439	-15.00	180.00	0.00477
-13.00	180.00	0.00523	-11.00	180.00	0.00582
-9.00	180.00	0.00658	9.00	180.00	0.00648
11.00	180.00	0.00576	13.00	180.00	0.00517
15.00	180.00	0.00467	17.00	180.00	0.00423
20.00	180.00	0.00368	25.00	180.00	0.00296
30.00	180.00	0.00243	40.00	180.00	0.00172
50.00	180.00	0.00128	60.00	180.00	0.00099
70.00	180.00	0.00079	80.00	180.00	0.00064
90.00	180.00	0.00053	100.00	180.00	0.00044
-100.00	190.00	0.00080	-90.00	190.00	0.00092
-80.00	190.00	0.00108	-70.00	190.00	0.00128
-60.00	190.00	0.00152	-50.00	190.00	0.00182
-40.00	190.00	0.00222	-30.00	190.00	0.00279
-25.00	190.00	0.00320	-20.00	190.00	0.00377
-17.00	190.00	0.00424	-15.00	190.00	0.00465
-13.00	190.00	0.00515	-11.00	190.00	0.00578
-9.00	190.00	0.00658	9.00	190.00	0.00677
11.00	190.00	0.00604	13.00	190.00	0.00544
15.00	190.00	0.00493	17.00	190.00	0.00448
20.00	190.00	0.00390	25.00	190.00	0.00317
30.00	190.00	0.00262	40.00	190.00	0.00189
50.00	190.00	0.00141	60.00	190.00	0.00109
70.00	190.00	0.00086	80.00	190.00	0.00069
90.00	190.00	0.00057	100.00	190.00	0.00047
-100.00	200.00	0.00070	-90.00	200.00	0.00080
-80.00	200.00	0.00093	-70.00	200.00	0.00109
-60.00	200.00	0.00129	-50.00	200.00	0.00155
-40.00	200.00	0.00190	-30.00	200.00	0.00244
-25.00	200.00	0.00286	-20.00	200.00	0.00347

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00397	-15.00	200.00	0.00438
-13.00	200.00	0.00489	-11.00	200.00	0.00552
-9.00	200.00	0.00634	9.00	200.00	0.00688

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	200.00	0.00614	13.00	200.00	0.00555
15.00	200.00	0.00505	17.00	200.00	0.00461
20.00	200.00	0.00406	25.00	200.00	0.00333
30.00	200.00	0.00279	40.00	200.00	0.00203
50.00	200.00	0.00153	60.00	200.00	0.00117
70.00	200.00	0.00092	80.00	200.00	0.00074
90.00	200.00	0.00061	100.00	200.00	0.00050
-100.00	210.00	0.00061	-90.00	210.00	0.00069
-80.00	210.00	0.00079	-70.00	210.00	0.00091
-60.00	210.00	0.00106	-50.00	210.00	0.00127
-40.00	210.00	0.00157	-30.00	210.00	0.00207
-25.00	210.00	0.00246	-20.00	210.00	0.00304
-17.00	210.00	0.00352	-15.00	210.00	0.00393
-13.00	210.00	0.00443	-11.00	210.00	0.00505
-9.00	210.00	0.00586	9.00	210.00	0.00683
11.00	210.00	0.00612	13.00	210.00	0.00556
15.00	210.00	0.00510	17.00	210.00	0.00470
20.00	210.00	0.00418	25.00	210.00	0.00347
30.00	210.00	0.00291	40.00	210.00	0.00212
50.00	210.00	0.00160	60.00	210.00	0.00124
70.00	210.00	0.00098	80.00	210.00	0.00078
90.00	210.00	0.00064	100.00	210.00	0.00053
-100.00	220.00	0.00053	-90.00	220.00	0.00059
-80.00	220.00	0.00066	-70.00	220.00	0.00076
-60.00	220.00	0.00088	-50.00	220.00	0.00104
-40.00	220.00	0.00129	-30.00	220.00	0.00172
-25.00	220.00	0.00206	-20.00	220.00	0.00257
-17.00	220.00	0.00299	-15.00	220.00	0.00335
-13.00	220.00	0.00378	-11.00	220.00	0.00433
-9.00	220.00	0.00504	9.00	220.00	0.00673
11.00	220.00	0.00609	13.00	220.00	0.00555
15.00	220.00	0.00512	17.00	220.00	0.00473
20.00	220.00	0.00423	25.00	220.00	0.00353
30.00	220.00	0.00298	40.00	220.00	0.00218
50.00	220.00	0.00166	60.00	220.00	0.00129
70.00	220.00	0.00102	80.00	220.00	0.00082
90.00	220.00	0.00067	100.00	220.00	0.00056

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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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: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,



02NCRA\_NAPA95-300 DPM TRAV ANN N-S Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00045	-90.00	230.00	0.00050
-80.00	230.00	0.00056	-70.00	230.00	0.00063
-60.00	230.00	0.00073	-50.00	230.00	0.00087
-40.00	230.00	0.00109	-30.00	230.00	0.00149
-25.00	230.00	0.00181	-20.00	230.00	0.00227
-17.00	230.00	0.00265	-15.00	230.00	0.00296
-13.00	230.00	0.00334	-11.00	230.00	0.00381
-9.00	230.00	0.00439	9.00	230.00	0.00629
11.00	230.00	0.00579	13.00	230.00	0.00535
15.00	230.00	0.00495	17.00	230.00	0.00460
20.00	230.00	0.00414	25.00	230.00	0.00349
30.00	230.00	0.00296	40.00	230.00	0.00220
50.00	230.00	0.00168	60.00	230.00	0.00131
70.00	230.00	0.00105	80.00	230.00	0.00085
90.00	230.00	0.00070	100.00	230.00	0.00058
-100.00	240.00	0.00038	-90.00	240.00	0.00042
-80.00	240.00	0.00047	-70.00	240.00	0.00053
-60.00	240.00	0.00061	-50.00	240.00	0.00075
-40.00	240.00	0.00097	-30.00	240.00	0.00138
-25.00	240.00	0.00171	-20.00	240.00	0.00218
-17.00	240.00	0.00257	-15.00	240.00	0.00289
-13.00	240.00	0.00326	-11.00	240.00	0.00369
-9.00	240.00	0.00417	9.00	240.00	0.00515
11.00	240.00	0.00489	13.00	240.00	0.00462
15.00	240.00	0.00436	17.00	240.00	0.00411
20.00	240.00	0.00376	25.00	240.00	0.00325
30.00	240.00	0.00281	40.00	240.00	0.00214
50.00	240.00	0.00165	60.00	240.00	0.00131
70.00	240.00	0.00105	80.00	240.00	0.00086
90.00	240.00	0.00071	100.00	240.00	0.00059
-100.00	250.00	0.00033	-90.00	250.00	0.00036
-80.00	250.00	0.00040	-70.00	250.00	0.00045
-60.00	250.00	0.00054	-50.00	250.00	0.00068
-40.00	250.00	0.00092	-30.00	250.00	0.00135
-25.00	250.00	0.00169	-20.00	250.00	0.00215
-17.00	250.00	0.00250	-15.00	250.00	0.00276
-13.00	250.00	0.00305	-11.00	250.00	0.00335
-9.00	250.00	0.00365	9.00	250.00	0.00413
11.00	250.00	0.00399	13.00	250.00	0.00383
15.00	250.00	0.00367	17.00	250.00	0.00351

04/20/08

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00327	25.00	250.00	0.00290
30.00	250.00	0.00257	40.00	250.00	0.00201
50.00	250.00	0.00159	60.00	250.00	0.00127
70.00	250.00	0.00104	80.00	250.00	0.00086
90.00	250.00	0.00071	100.00	250.00	0.00060

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

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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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	0.00014	25.00	-230.00	0.00014
30.00	-230.00	0.00013	40.00	-230.00	0.00012
50.00	-230.00	0.00012	60.00	-230.00	0.00011
70.00	-230.00	0.00011	80.00	-230.00	0.00011
90.00	-230.00	0.00010	100.00	-230.00	0.00010
-100.00	-220.00	0.00022	-90.00	-220.00	0.00023
-80.00	-220.00	0.00023	-70.00	-220.00	0.00023
-60.00	-220.00	0.00022	-50.00	-220.00	0.00022
-40.00	-220.00	0.00021	-30.00	-220.00	0.00020
-25.00	-220.00	0.00019	-20.00	-220.00	0.00019
-17.00	-220.00	0.00018	-15.00	-220.00	0.00018
-13.00	-220.00	0.00018	-11.00	-220.00	0.00018
-9.00	-220.00	0.00018	9.00	-220.00	0.00016
11.00	-220.00	0.00016	13.00	-220.00	0.00015

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

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

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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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\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00021	-15.00	-200.00	0.00021
-13.00	-200.00	0.00021	-11.00	-200.00	0.00020
-9.00	-200.00	0.00020	9.00	-200.00	0.00018
11.00	-200.00	0.00018	13.00	-200.00	0.00017
15.00	-200.00	0.00017	17.00	-200.00	0.00017
20.00	-200.00	0.00017	25.00	-200.00	0.00016
30.00	-200.00	0.00016	40.00	-200.00	0.00015
50.00	-200.00	0.00014	60.00	-200.00	0.00013

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

16:28:19

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00029	-90.00	-170.00	0.00030
-80.00	-170.00	0.00031	-70.00	-170.00	0.00031

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

16:28:19  
 \*\*MODELOPTS:  
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\*

02NCRA NAPA95-300\_DPM\_TRAV ANN N-S Bound  
 INCLUDING SOURCE(S) : NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	-150.00	0.00023	25.00	-150.00	0.00022	
30.00	-150.00	0.00021	40.00	-150.00	0.00020	
50.00	-150.00	0.00019	60.00	-150.00	0.00018	
70.00	-150.00	0.00017	80.00	-150.00	0.00017	
90.00	-150.00	0.00016	100.00	-150.00	0.00015	
-100.00	-140.00	0.00035	-90.00	-140.00	0.00036	
-80.00	-140.00	0.00038	-70.00	-140.00	0.00039	
-60.00	-140.00	0.00039	-50.00	-140.00	0.00039	
-40.00	-140.00	0.00038	-30.00	-140.00	0.00036	
-25.00	-140.00	0.00035	-20.00	-140.00	0.00034	
-17.00	-140.00	0.00033	-15.00	-140.00	0.00033	
-13.00	-140.00	0.00032	-11.00	-140.00	0.00032	
-9.00	-140.00	0.00031	9.00	-140.00	0.00027	
11.00	-140.00	0.00026	13.00	-140.00	0.00026	
15.00	-140.00	0.00026	17.00	-140.00	0.00025	
20.00	-140.00	0.00025	25.00	-140.00	0.00024	
30.00	-140.00	0.00023	40.00	-140.00	0.00021	
50.00	-140.00	0.00020	60.00	-140.00	0.00019	
70.00	-140.00	0.00018	80.00	-140.00	0.00018	
90.00	-140.00	0.00017	100.00	-140.00	0.00016	
-100.00	-130.00	0.00037	-90.00	-130.00	0.00039	
-80.00	-130.00	0.00040	-70.00	-130.00	0.00042	
-60.00	-130.00	0.00042	-50.00	-130.00	0.00042	
-40.00	-130.00	0.00041	-30.00	-130.00	0.00039	
-25.00	-130.00	0.00038	-20.00	-130.00	0.00037	
-17.00	-130.00	0.00036	-15.00	-130.00	0.00036	
-13.00	-130.00	0.00035	-11.00	-130.00	0.00035	
-9.00	-130.00	0.00034	9.00	-130.00	0.00029	
11.00	-130.00	0.00029	13.00	-130.00	0.00028	
15.00	-130.00	0.00028	17.00	-130.00	0.00027	
20.00	-130.00	0.00027	25.00	-130.00	0.00025	
30.00	-130.00	0.00025	40.00	-130.00	0.00023	
50.00	-130.00	0.00022	60.00	-130.00	0.00021	
70.00	-130.00	0.00020	80.00	-130.00	0.00019	
90.00	-130.00	0.00018	100.00	-130.00	0.00017	
-100.00	-120.00	0.00040	-90.00	-120.00	0.00041	
-80.00	-120.00	0.00043	-70.00	-120.00	0.00045	
-60.00	-120.00	0.00046	-50.00	-120.00	0.00046	
-40.00	-120.00	0.00045	-30.00	-120.00	0.00043	
-25.00	-120.00	0.00042	-20.00	-120.00	0.00041	

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

\*\*\*

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\*\*MODELOPTS:

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

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00040	-15.00	-120.00	0.00039
-13.00	-120.00	0.00039	-11.00	-120.00	0.00038
-9.00	-120.00	0.00037	9.00	-120.00	0.00032
11.00	-120.00	0.00031	13.00	-120.00	0.00031
15.00	-120.00	0.00030	17.00	-120.00	0.00029
20.00	-120.00	0.00029	25.00	-120.00	0.00028
30.00	-120.00	0.00026	40.00	-120.00	0.00025
50.00	-120.00	0.00023	60.00	-120.00	0.00022
70.00	-120.00	0.00021	80.00	-120.00	0.00020
90.00	-120.00	0.00019	100.00	-120.00	0.00018
-100.00	-110.00	0.00043	-90.00	-110.00	0.00044
-80.00	-110.00	0.00046	-70.00	-110.00	0.00048
-60.00	-110.00	0.00050	-50.00	-110.00	0.00051
-40.00	-110.00	0.00050	-30.00	-110.00	0.00048
-25.00	-110.00	0.00046	-20.00	-110.00	0.00045
-17.00	-110.00	0.00044	-15.00	-110.00	0.00043
-13.00	-110.00	0.00042	-11.00	-110.00	0.00042
-9.00	-110.00	0.00041	9.00	-110.00	0.00035
11.00	-110.00	0.00034	13.00	-110.00	0.00033
15.00	-110.00	0.00033	17.00	-110.00	0.00032
20.00	-110.00	0.00031	25.00	-110.00	0.00030
30.00	-110.00	0.00029	40.00	-110.00	0.00027
50.00	-110.00	0.00025	60.00	-110.00	0.00024
70.00	-110.00	0.00023	80.00	-110.00	0.00022
90.00	-110.00	0.00021	100.00	-110.00	0.00019
-100.00	-100.00	0.00046	-90.00	-100.00	0.00048
-80.00	-100.00	0.00050	-70.00	-100.00	0.00052
-60.00	-100.00	0.00054	-50.00	-100.00	0.00056
-40.00	-100.00	0.00055	-30.00	-100.00	0.00053
-25.00	-100.00	0.00052	-20.00	-100.00	0.00050
-17.00	-100.00	0.00049	-15.00	-100.00	0.00048
-13.00	-100.00	0.00047	-11.00	-100.00	0.00046
-9.00	-100.00	0.00045	9.00	-100.00	0.00038
11.00	-100.00	0.00037	13.00	-100.00	0.00036



02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-100.00	0.00036	17.00	-100.00	0.00035
20.00	-100.00	0.00034	25.00	-100.00	0.00032
30.00	-100.00	0.00031	40.00	-100.00	0.00029
50.00	-100.00	0.00027	60.00	-100.00	0.00026
70.00	-100.00	0.00025	80.00	-100.00	0.00023
90.00	-100.00	0.00022	100.00	-100.00	0.00020

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

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 \*\*MODELOPTs:  
 PAGE 49  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00050	-90.00	-90.00	0.00052
-80.00	-90.00	0.00054	-70.00	-90.00	0.00057
-60.00	-90.00	0.00059	-50.00	-90.00	0.00061
-40.00	-90.00	0.00061	-30.00	-90.00	0.00059
-25.00	-90.00	0.00058	-20.00	-90.00	0.00056
-17.00	-90.00	0.00054	-15.00	-90.00	0.00053
-13.00	-90.00	0.00052	-11.00	-90.00	0.00051
-9.00	-90.00	0.00050	9.00	-90.00	0.00042
11.00	-90.00	0.00041	13.00	-90.00	0.00040
15.00	-90.00	0.00039	17.00	-90.00	0.00038
20.00	-90.00	0.00037	25.00	-90.00	0.00035
30.00	-90.00	0.00034	40.00	-90.00	0.00032
50.00	-90.00	0.00030	60.00	-90.00	0.00028
70.00	-90.00	0.00027	80.00	-90.00	0.00025
90.00	-90.00	0.00023	100.00	-90.00	0.00021
-100.00	-80.00	0.00054	-90.00	-80.00	0.00056
-80.00	-80.00	0.00059	-70.00	-80.00	0.00062
-60.00	-80.00	0.00065	-50.00	-80.00	0.00067
-40.00	-80.00	0.00068	-30.00	-80.00	0.00066
-25.00	-80.00	0.00065	-20.00	-80.00	0.00062
-17.00	-80.00	0.00061	-15.00	-80.00	0.00060
-13.00	-80.00	0.00059	-11.00	-80.00	0.00057
-9.00	-80.00	0.00056	9.00	-80.00	0.00046
11.00	-80.00	0.00045	13.00	-80.00	0.00044
15.00	-80.00	0.00043	17.00	-80.00	0.00042
20.00	-80.00	0.00041	25.00	-80.00	0.00039
30.00	-80.00	0.00037	40.00	-80.00	0.00035
50.00	-80.00	0.00033	60.00	-80.00	0.00031

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-80.00	0.00029	80.00	-80.00	0.00027
90.00	-80.00	0.00024	100.00	-80.00	0.00022
-100.00	-70.00	0.00058	-90.00	-70.00	0.00061
-80.00	-70.00	0.00064	-70.00	-70.00	0.00067
-60.00	-70.00	0.00071	-50.00	-70.00	0.00074
-40.00	-70.00	0.00076	-30.00	-70.00	0.00075
-25.00	-70.00	0.00073	-20.00	-70.00	0.00070
-17.00	-70.00	0.00069	-15.00	-70.00	0.00067
-13.00	-70.00	0.00066	-11.00	-70.00	0.00065
-9.00	-70.00	0.00063	9.00	-70.00	0.00051
11.00	-70.00	0.00050	13.00	-70.00	0.00049
15.00	-70.00	0.00048	17.00	-70.00	0.00047

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00045	25.00	-70.00	0.00043
30.00	-70.00	0.00041	40.00	-70.00	0.00038
50.00	-70.00	0.00036	60.00	-70.00	0.00034
70.00	-70.00	0.00031	80.00	-70.00	0.00029
90.00	-70.00	0.00026	100.00	-70.00	0.00023
-100.00	-60.00	0.00064	-90.00	-60.00	0.00067
-80.00	-60.00	0.00070	-70.00	-60.00	0.00074
-60.00	-60.00	0.00078	-50.00	-60.00	0.00082
-40.00	-60.00	0.00085	-30.00	-60.00	0.00085
-25.00	-60.00	0.00083	-20.00	-60.00	0.00080
-17.00	-60.00	0.00078	-15.00	-60.00	0.00077
-13.00	-60.00	0.00075	-11.00	-60.00	0.00074
-9.00	-60.00	0.00072	9.00	-60.00	0.00057
11.00	-60.00	0.00056	13.00	-60.00	0.00054
15.00	-60.00	0.00053	17.00	-60.00	0.00052
20.00	-60.00	0.00050	25.00	-60.00	0.00048
30.00	-60.00	0.00046	40.00	-60.00	0.00042
50.00	-60.00	0.00040	60.00	-60.00	0.00037
70.00	-60.00	0.00034	80.00	-60.00	0.00030
90.00	-60.00	0.00026	100.00	-60.00	0.00023
-100.00	-50.00	0.00069	-90.00	-50.00	0.00073
-80.00	-50.00	0.00077	-70.00	-50.00	0.00082

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-50.00	0.00086	-50.00	-50.00	0.00091
-40.00	-50.00	0.00096	-30.00	-50.00	0.00097
-25.00	-50.00	0.00095	-20.00	-50.00	0.00092
-17.00	-50.00	0.00090	-15.00	-50.00	0.00088
-13.00	-50.00	0.00086	-11.00	-50.00	0.00084
-9.00	-50.00	0.00082	9.00	-50.00	0.00064
11.00	-50.00	0.00062	13.00	-50.00	0.00061
15.00	-50.00	0.00059	17.00	-50.00	0.00058
20.00	-50.00	0.00056	25.00	-50.00	0.00053
30.00	-50.00	0.00051	40.00	-50.00	0.00047
50.00	-50.00	0.00044	60.00	-50.00	0.00040
70.00	-50.00	0.00036	80.00	-50.00	0.00031
90.00	-50.00	0.00027	100.00	-50.00	0.00023
-100.00	-40.00	0.00075	-90.00	-40.00	0.00080
-80.00	-40.00	0.00085	-70.00	-40.00	0.00091
-60.00	-40.00	0.00096	-50.00	-40.00	0.00102
-40.00	-40.00	0.00108	-30.00	-40.00	0.00111
-25.00	-40.00	0.00110	-20.00	-40.00	0.00107

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

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

16:28:19

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00104	-15.00	-40.00	0.00102
-13.00	-40.00	0.00100	-11.00	-40.00	0.00098
-9.00	-40.00	0.00095	9.00	-40.00	0.00073
11.00	-40.00	0.00071	13.00	-40.00	0.00069
15.00	-40.00	0.00067	17.00	-40.00	0.00065
20.00	-40.00	0.00063	25.00	-40.00	0.00060
30.00	-40.00	0.00057	40.00	-40.00	0.00053
50.00	-40.00	0.00048	60.00	-40.00	0.00043
70.00	-40.00	0.00038	80.00	-40.00	0.00033
90.00	-40.00	0.00028	100.00	-40.00	0.00024
-100.00	-30.00	0.00082	-90.00	-30.00	0.00088
-80.00	-30.00	0.00094	-70.00	-30.00	0.00101
-60.00	-30.00	0.00108	-50.00	-30.00	0.00115
-40.00	-30.00	0.00122	-30.00	-30.00	0.00127
-25.00	-30.00	0.00127	-20.00	-30.00	0.00125
-17.00	-30.00	0.00122	-15.00	-30.00	0.00120

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-30.00	0.00117	-11.00	-30.00	0.00114
-9.00	-30.00	0.00111	9.00	-30.00	0.00083
11.00	-30.00	0.00081	13.00	-30.00	0.00078
15.00	-30.00	0.00076	17.00	-30.00	0.00074
20.00	-30.00	0.00071	25.00	-30.00	0.00068
30.00	-30.00	0.00064	40.00	-30.00	0.00059
50.00	-30.00	0.00053	60.00	-30.00	0.00046
70.00	-30.00	0.00040	80.00	-30.00	0.00034
90.00	-30.00	0.00028	100.00	-30.00	0.00024
-100.00	-20.00	0.00088	-90.00	-20.00	0.00096
-80.00	-20.00	0.00104	-70.00	-20.00	0.00113
-60.00	-20.00	0.00121	-50.00	-20.00	0.00130
-40.00	-20.00	0.00139	-30.00	-20.00	0.00146
-25.00	-20.00	0.00148	-20.00	-20.00	0.00147
-17.00	-20.00	0.00144	-15.00	-20.00	0.00142
-13.00	-20.00	0.00139	-11.00	-20.00	0.00135
-9.00	-20.00	0.00131	9.00	-20.00	0.00096
11.00	-20.00	0.00092	13.00	-20.00	0.00090
15.00	-20.00	0.00087	17.00	-20.00	0.00085
20.00	-20.00	0.00081	25.00	-20.00	0.00077
30.00	-20.00	0.00073	40.00	-20.00	0.00066
50.00	-20.00	0.00058	60.00	-20.00	0.00049
70.00	-20.00	0.00041	80.00	-20.00	0.00034
90.00	-20.00	0.00028	100.00	-20.00	0.00024

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

16:28:19  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00094	-90.00	-10.00	0.00104
-80.00	-10.00	0.00114	-70.00	-10.00	0.00125
-60.00	-10.00	0.00136	-50.00	-10.00	0.00148
-40.00	-10.00	0.00159	-30.00	-10.00	0.00169
-25.00	-10.00	0.00173	-20.00	-10.00	0.00174
-17.00	-10.00	0.00172	-15.00	-10.00	0.00169
-13.00	-10.00	0.00166	-11.00	-10.00	0.00162
-9.00	-10.00	0.00157	9.00	-10.00	0.00111
11.00	-10.00	0.00107	13.00	-10.00	0.00103
15.00	-10.00	0.00100	17.00	-10.00	0.00098

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-10.00	0.00094	25.00	-10.00	0.00089
30.00	-10.00	0.00084	40.00	-10.00	0.00073
50.00	-10.00	0.00062	60.00	-10.00	0.00051
70.00	-10.00	0.00042	80.00	-10.00	0.00034
90.00	-10.00	0.00029	100.00	-10.00	0.00024
-100.00	0.00	0.00100	-90.00	0.00	0.00112
-80.00	0.00	0.00125	-70.00	0.00	0.00138
-60.00	0.00	0.00153	-50.00	0.00	0.00168
-40.00	0.00	0.00183	-30.00	0.00	0.00197
-25.00	0.00	0.00203	-20.00	0.00	0.00206
-17.00	0.00	0.00206	-15.00	0.00	0.00204
-13.00	0.00	0.00201	-11.00	0.00	0.00196
-9.00	0.00	0.00191	9.00	0.00	0.00130
11.00	0.00	0.00125	13.00	0.00	0.00121
15.00	0.00	0.00117	17.00	0.00	0.00113
20.00	0.00	0.00109	25.00	0.00	0.00102
30.00	0.00	0.00095	40.00	0.00	0.00080
50.00	0.00	0.00065	60.00	0.00	0.00053
70.00	0.00	0.00043	80.00	0.00	0.00035
90.00	0.00	0.00029	100.00	0.00	0.00025
-100.00	10.00	0.00106	-90.00	10.00	0.00119
-80.00	10.00	0.00135	-70.00	10.00	0.00151
-60.00	10.00	0.00170	-50.00	10.00	0.00190
-40.00	10.00	0.00211	-30.00	10.00	0.00230
-25.00	10.00	0.00238	-20.00	10.00	0.00244
-17.00	10.00	0.00246	-15.00	10.00	0.00246
-13.00	10.00	0.00244	-11.00	10.00	0.00240
-9.00	10.00	0.00235	9.00	10.00	0.00153
11.00	10.00	0.00147	13.00	10.00	0.00142
15.00	10.00	0.00137	17.00	10.00	0.00133

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00127	25.00	10.00	0.00116
30.00	10.00	0.00105	40.00	10.00	0.00085
50.00	10.00	0.00068	60.00	10.00	0.00054
70.00	10.00	0.00044	80.00	10.00	0.00036

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	10.00	0.00030	100.00	10.00	0.00026
-100.00	20.00	0.00110	-90.00	20.00	0.00126
-80.00	20.00	0.00144	-70.00	20.00	0.00164
-60.00	20.00	0.00187	-50.00	20.00	0.00212
-40.00	20.00	0.00241	-30.00	20.00	0.00269
-25.00	20.00	0.00281	-20.00	20.00	0.00291
-17.00	20.00	0.00295	-15.00	20.00	0.00297
-13.00	20.00	0.00297	-11.00	20.00	0.00295
-9.00	20.00	0.00290	9.00	20.00	0.00182
11.00	20.00	0.00174	13.00	20.00	0.00167
15.00	20.00	0.00161	17.00	20.00	0.00154
20.00	20.00	0.00144	25.00	20.00	0.00128
30.00	20.00	0.00113	40.00	20.00	0.00089
50.00	20.00	0.00070	60.00	20.00	0.00056
70.00	20.00	0.00046	80.00	20.00	0.00038
90.00	20.00	0.00032	100.00	20.00	0.00027
-100.00	30.00	0.00113	-90.00	30.00	0.00130
-80.00	30.00	0.00151	-70.00	30.00	0.00174
-60.00	30.00	0.00202	-50.00	30.00	0.00234
-40.00	30.00	0.00269	-30.00	30.00	0.00308
-25.00	30.00	0.00328	-20.00	30.00	0.00345
-17.00	30.00	0.00354	-15.00	30.00	0.00359
-13.00	30.00	0.00362	-11.00	30.00	0.00363
-9.00	30.00	0.00361	9.00	30.00	0.00217
11.00	30.00	0.00205	13.00	30.00	0.00193
15.00	30.00	0.00182	17.00	30.00	0.00172
20.00	30.00	0.00158	25.00	30.00	0.00137
30.00	30.00	0.00121	40.00	30.00	0.00094
50.00	30.00	0.00074	60.00	30.00	0.00059
70.00	30.00	0.00048	80.00	30.00	0.00039
90.00	30.00	0.00033	100.00	30.00	0.00028
-100.00	40.00	0.00113	-90.00	40.00	0.00132
-80.00	40.00	0.00154	-70.00	40.00	0.00180
-60.00	40.00	0.00212	-50.00	40.00	0.00249
-40.00	40.00	0.00292	-30.00	40.00	0.00341
-25.00	40.00	0.00369	-20.00	40.00	0.00398

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00415	-15.00	40.00	0.00426
-13.00	40.00	0.00438	-11.00	40.00	0.00450
-9.00	40.00	0.00461	9.00	40.00	0.00249
11.00	40.00	0.00230	13.00	40.00	0.00214
15.00	40.00	0.00200	17.00	40.00	0.00188
20.00	40.00	0.00171	25.00	40.00	0.00149
30.00	40.00	0.00130	40.00	40.00	0.00100
50.00	40.00	0.00078	60.00	40.00	0.00062
70.00	40.00	0.00050	80.00	40.00	0.00041
90.00	40.00	0.00035	100.00	40.00	0.00030
-100.00	50.00	0.00112	-90.00	50.00	0.00131
-80.00	50.00	0.00154	-70.00	50.00	0.00182
-60.00	50.00	0.00216	-50.00	50.00	0.00257
-40.00	50.00	0.00304	-30.00	50.00	0.00360
-25.00	50.00	0.00392	-20.00	50.00	0.00428
-17.00	50.00	0.00451	-15.00	50.00	0.00468
-13.00	50.00	0.00486	-11.00	50.00	0.00507
-9.00	50.00	0.00533	9.00	50.00	0.00304
11.00	50.00	0.00273	13.00	50.00	0.00250
15.00	50.00	0.00231	17.00	50.00	0.00214
20.00	50.00	0.00194	25.00	50.00	0.00166
30.00	50.00	0.00143	40.00	50.00	0.00108
50.00	50.00	0.00083	60.00	50.00	0.00065
70.00	50.00	0.00053	80.00	50.00	0.00044
90.00	50.00	0.00037	100.00	50.00	0.00032
-100.00	60.00	0.00109	-90.00	60.00	0.00127
-80.00	60.00	0.00151	-70.00	60.00	0.00179
-60.00	60.00	0.00214	-50.00	60.00	0.00256
-40.00	60.00	0.00305	-30.00	60.00	0.00361
-25.00	60.00	0.00393	-20.00	60.00	0.00429
-17.00	60.00	0.00454	-15.00	60.00	0.00472
-13.00	60.00	0.00492	-11.00	60.00	0.00518
-9.00	60.00	0.00555	9.00	60.00	0.00421
11.00	60.00	0.00368	13.00	60.00	0.00329
15.00	60.00	0.00297	17.00	60.00	0.00271
20.00	60.00	0.00239	25.00	60.00	0.00197
30.00	60.00	0.00166	40.00	60.00	0.00121
50.00	60.00	0.00091	60.00	60.00	0.00071
70.00	60.00	0.00057	80.00	60.00	0.00048
90.00	60.00	0.00040	100.00	60.00	0.00035

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\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	70.00	0.00104	-90.00	70.00	0.00122	
-80.00	70.00	0.00144	-70.00	70.00	0.00172	
-60.00	70.00	0.00206	-50.00	70.00	0.00247	
-40.00	70.00	0.00295	-30.00	70.00	0.00350	
-25.00	70.00	0.00381	-20.00	70.00	0.00419	
-17.00	70.00	0.00448	-15.00	70.00	0.00472	
-13.00	70.00	0.00502	-11.00	70.00	0.00541	
-9.00	70.00	0.00597	9.00	70.00	0.00523	
11.00	70.00	0.00459	13.00	70.00	0.00409	
15.00	70.00	0.00368	17.00	70.00	0.00333	
20.00	70.00	0.00290	25.00	70.00	0.00235	
30.00	70.00	0.00194	40.00	70.00	0.00137	
50.00	70.00	0.00102	60.00	70.00	0.00079	
70.00	70.00	0.00064	80.00	70.00	0.00052	
90.00	70.00	0.00044	100.00	70.00	0.00038	
-100.00	80.00	0.00097	-90.00	80.00	0.00114	
-80.00	80.00	0.00134	-70.00	80.00	0.00160	
-60.00	80.00	0.00192	-50.00	80.00	0.00231	
-40.00	80.00	0.00277	-30.00	80.00	0.00331	
-25.00	80.00	0.00364	-20.00	80.00	0.00408	
-17.00	80.00	0.00445	-15.00	80.00	0.00477	
-13.00	80.00	0.00517	-11.00	80.00	0.00568	
-9.00	80.00	0.00637	9.00	80.00	0.00598	
11.00	80.00	0.00528	13.00	80.00	0.00472	
15.00	80.00	0.00425	17.00	80.00	0.00385	
20.00	80.00	0.00335	25.00	80.00	0.00270	
30.00	80.00	0.00221	40.00	80.00	0.00155	
50.00	80.00	0.00115	60.00	80.00	0.00089	
70.00	80.00	0.00071	80.00	80.00	0.00058	
90.00	80.00	0.00048	100.00	80.00	0.00041	
-100.00	90.00	0.00089	-90.00	90.00	0.00104	
-80.00	90.00	0.00122	-70.00	90.00	0.00145	
-60.00	90.00	0.00173	-50.00	90.00	0.00208	
-40.00	90.00	0.00252	-30.00	90.00	0.00308	
-25.00	90.00	0.00345	-20.00	90.00	0.00396	
-17.00	90.00	0.00439	-15.00	90.00	0.00477	



02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	90.00	0.00523	-11.00	90.00	0.00582
-9.00	90.00	0.00658	9.00	90.00	0.00648
11.00	90.00	0.00576	13.00	90.00	0.00517
15.00	90.00	0.00467	17.00	90.00	0.00423

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

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 \*\*MODELOPTs:  
 PAGE 56  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00368	25.00	90.00	0.00296
30.00	90.00	0.00243	40.00	90.00	0.00172
50.00	90.00	0.00128	60.00	90.00	0.00099
70.00	90.00	0.00079	80.00	90.00	0.00064
90.00	90.00	0.00053	100.00	90.00	0.00044
-100.00	100.00	0.00080	-90.00	100.00	0.00092
-80.00	100.00	0.00108	-70.00	100.00	0.00128
-60.00	100.00	0.00152	-50.00	100.00	0.00182
-40.00	100.00	0.00222	-30.00	100.00	0.00279
-25.00	100.00	0.00320	-20.00	100.00	0.00377
-17.00	100.00	0.00424	-15.00	100.00	0.00465
-13.00	100.00	0.00515	-11.00	100.00	0.00578
-9.00	100.00	0.00658	9.00	100.00	0.00677
11.00	100.00	0.00604	13.00	100.00	0.00544
15.00	100.00	0.00493	17.00	100.00	0.00448
20.00	100.00	0.00390	25.00	100.00	0.00317
30.00	100.00	0.00262	40.00	100.00	0.00189
50.00	100.00	0.00141	60.00	100.00	0.00109
70.00	100.00	0.00086	80.00	100.00	0.00069
90.00	100.00	0.00057	100.00	100.00	0.00047
-100.00	110.00	0.00070	-90.00	110.00	0.00080
-80.00	110.00	0.00093	-70.00	110.00	0.00109
-60.00	110.00	0.00129	-50.00	110.00	0.00155
-40.00	110.00	0.00190	-30.00	110.00	0.00244
-25.00	110.00	0.00286	-20.00	110.00	0.00347
-17.00	110.00	0.00397	-15.00	110.00	0.00438
-13.00	110.00	0.00489	-11.00	110.00	0.00552
-9.00	110.00	0.00634	9.00	110.00	0.00688
11.00	110.00	0.00614	13.00	110.00	0.00555
15.00	110.00	0.00505	17.00	110.00	0.00461

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	110.00	0.00406	25.00	110.00	0.00333
30.00	110.00	0.00279	40.00	110.00	0.00203
50.00	110.00	0.00153	60.00	110.00	0.00117
70.00	110.00	0.00092	80.00	110.00	0.00074
90.00	110.00	0.00061	100.00	110.00	0.00050
-100.00	120.00	0.00061	-90.00	120.00	0.00069
-80.00	120.00	0.00079	-70.00	120.00	0.00091
-60.00	120.00	0.00106	-50.00	120.00	0.00127
-40.00	120.00	0.00157	-30.00	120.00	0.00207
-25.00	120.00	0.00246	-20.00	120.00	0.00304

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00352	-15.00	120.00	0.00393
-13.00	120.00	0.00443	-11.00	120.00	0.00505
-9.00	120.00	0.00586	9.00	120.00	0.00683
11.00	120.00	0.00612	13.00	120.00	0.00556
15.00	120.00	0.00510	17.00	120.00	0.00470
20.00	120.00	0.00418	25.00	120.00	0.00347
30.00	120.00	0.00291	40.00	120.00	0.00212
50.00	120.00	0.00160	60.00	120.00	0.00124
70.00	120.00	0.00098	80.00	120.00	0.00078
90.00	120.00	0.00064	100.00	120.00	0.00053
-100.00	130.00	0.00053	-90.00	130.00	0.00059
-80.00	130.00	0.00066	-70.00	130.00	0.00076
-60.00	130.00	0.00088	-50.00	130.00	0.00104
-40.00	130.00	0.00129	-30.00	130.00	0.00172
-25.00	130.00	0.00206	-20.00	130.00	0.00257
-17.00	130.00	0.00299	-15.00	130.00	0.00335
-13.00	130.00	0.00378	-11.00	130.00	0.00433
-9.00	130.00	0.00504	9.00	130.00	0.00673
11.00	130.00	0.00609	13.00	130.00	0.00555
15.00	130.00	0.00512	17.00	130.00	0.00473
20.00	130.00	0.00423	25.00	130.00	0.00353
30.00	130.00	0.00298	40.00	130.00	0.00218
50.00	130.00	0.00166	60.00	130.00	0.00129
70.00	130.00	0.00102	80.00	130.00	0.00082

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	130.00	0.00067	100.00	130.00	0.00056
-100.00	140.00	0.00045	-90.00	140.00	0.00050
-80.00	140.00	0.00056	-70.00	140.00	0.00063
-60.00	140.00	0.00073	-50.00	140.00	0.00087
-40.00	140.00	0.00109	-30.00	140.00	0.00149
-25.00	140.00	0.00181	-20.00	140.00	0.00227
-17.00	140.00	0.00265	-15.00	140.00	0.00296
-13.00	140.00	0.00334	-11.00	140.00	0.00381
-9.00	140.00	0.00439	9.00	140.00	0.00629
11.00	140.00	0.00579	13.00	140.00	0.00535
15.00	140.00	0.00495	17.00	140.00	0.00460
20.00	140.00	0.00414	25.00	140.00	0.00349
30.00	140.00	0.00296	40.00	140.00	0.00220
50.00	140.00	0.00168	60.00	140.00	0.00131
70.00	140.00	0.00105	80.00	140.00	0.00085
90.00	140.00	0.00070	100.00	140.00	0.00058

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00038	-90.00	150.00	0.00042
-80.00	150.00	0.00047	-70.00	150.00	0.00053
-60.00	150.00	0.00061	-50.00	150.00	0.00075
-40.00	150.00	0.00097	-30.00	150.00	0.00138
-25.00	150.00	0.00171	-20.00	150.00	0.00218
-17.00	150.00	0.00257	-15.00	150.00	0.00289
-13.00	150.00	0.00326	-11.00	150.00	0.00369
-9.00	150.00	0.00417	9.00	150.00	0.00515
11.00	150.00	0.00489	13.00	150.00	0.00462
15.00	150.00	0.00436	17.00	150.00	0.00411
20.00	150.00	0.00376	25.00	150.00	0.00325
30.00	150.00	0.00281	40.00	150.00	0.00214
50.00	150.00	0.00165	60.00	150.00	0.00131
70.00	150.00	0.00105	80.00	150.00	0.00086
90.00	150.00	0.00071	100.00	150.00	0.00059
-100.00	160.00	0.00033	-90.00	160.00	0.00036
-80.00	160.00	0.00040	-70.00	160.00	0.00045
-60.00	160.00	0.00054	-50.00	160.00	0.00068

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	160.00	0.00092	-30.00	160.00	0.00135
-25.00	160.00	0.00169	-20.00	160.00	0.00215
-17.00	160.00	0.00250	-15.00	160.00	0.00276
-13.00	160.00	0.00305	-11.00	160.00	0.00335
-9.00	160.00	0.00365	9.00	160.00	0.00413
11.00	160.00	0.00399	13.00	160.00	0.00383
15.00	160.00	0.00367	17.00	160.00	0.00351
20.00	160.00	0.00327	25.00	160.00	0.00290
30.00	160.00	0.00257	40.00	160.00	0.00201
50.00	160.00	0.00159	60.00	160.00	0.00127
70.00	160.00	0.00104	80.00	160.00	0.00086
90.00	160.00	0.00071	100.00	160.00	0.00060
-100.00	170.00	0.00028	-90.00	170.00	0.00031
-80.00	170.00	0.00035	-70.00	170.00	0.00041
-60.00	170.00	0.00050	-50.00	170.00	0.00065
-40.00	170.00	0.00091	-30.00	170.00	0.00134
-25.00	170.00	0.00165	-20.00	170.00	0.00205
-17.00	170.00	0.00232	-15.00	170.00	0.00251
-13.00	170.00	0.00270	-11.00	170.00	0.00289
-9.00	170.00	0.00306	9.00	170.00	0.00334
11.00	170.00	0.00325	13.00	170.00	0.00316
15.00	170.00	0.00307	17.00	170.00	0.00297

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S):            NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00281	25.00	170.00	0.00254
30.00	170.00	0.00229	40.00	170.00	0.00185
50.00	170.00	0.00149	60.00	170.00	0.00122
70.00	170.00	0.00100	80.00	170.00	0.00084
90.00	170.00	0.00071	100.00	170.00	0.00060
-100.00	180.00	0.00025	-90.00	180.00	0.00028
-80.00	180.00	0.00032	-70.00	180.00	0.00039
-60.00	180.00	0.00049	-50.00	180.00	0.00064
-40.00	180.00	0.00090	-30.00	180.00	0.00130
-25.00	180.00	0.00157	-20.00	180.00	0.00188
-17.00	180.00	0.00207	-15.00	180.00	0.00220
-13.00	180.00	0.00233	-11.00	180.00	0.00245

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	180.00	0.00255	9.00	180.00	0.00273
11.00	180.00	0.00268	13.00	180.00	0.00262
15.00	180.00	0.00256	17.00	180.00	0.00250
20.00	180.00	0.00240	25.00	180.00	0.00221
30.00	180.00	0.00202	40.00	180.00	0.00168
50.00	180.00	0.00139	60.00	180.00	0.00115
70.00	180.00	0.00096	80.00	180.00	0.00081
90.00	180.00	0.00069	100.00	180.00	0.00059
-100.00	190.00	0.00023	-90.00	190.00	0.00026
-80.00	190.00	0.00031	-70.00	190.00	0.00037
-60.00	190.00	0.00048	-50.00	190.00	0.00064
-40.00	190.00	0.00089	-30.00	190.00	0.00124
-25.00	190.00	0.00146	-20.00	190.00	0.00168
-17.00	190.00	0.00182	-15.00	190.00	0.00191
-13.00	190.00	0.00199	-11.00	190.00	0.00207
-9.00	190.00	0.00214	9.00	190.00	0.00227
11.00	190.00	0.00223	13.00	190.00	0.00220
15.00	190.00	0.00216	17.00	190.00	0.00211
20.00	190.00	0.00205	25.00	190.00	0.00192
30.00	190.00	0.00179	40.00	190.00	0.00151
50.00	190.00	0.00127	60.00	190.00	0.00107
70.00	190.00	0.00091	80.00	190.00	0.00077
90.00	190.00	0.00066	100.00	190.00	0.00057
-100.00	200.00	0.00021	-90.00	200.00	0.00025
-80.00	200.00	0.00030	-70.00	200.00	0.00037
-60.00	200.00	0.00048	-50.00	200.00	0.00064
-40.00	200.00	0.00086	-30.00	200.00	0.00116
-25.00	200.00	0.00133	-20.00	200.00	0.00149

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00159	-15.00	200.00	0.00165
-13.00	200.00	0.00171	-11.00	200.00	0.00177
-9.00	200.00	0.00181	9.00	200.00	0.00191
11.00	200.00	0.00188	13.00	200.00	0.00186
15.00	200.00	0.00183	17.00	200.00	0.00180
20.00	200.00	0.00176	25.00	200.00	0.00167

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	200.00	0.00157	40.00	200.00	0.00136
50.00	200.00	0.00117	60.00	200.00	0.00100
70.00	200.00	0.00086	80.00	200.00	0.00074
90.00	200.00	0.00064	100.00	200.00	0.00055
-100.00	210.00	0.00021	-90.00	210.00	0.00024
-80.00	210.00	0.00029	-70.00	210.00	0.00037
-60.00	210.00	0.00048	-50.00	210.00	0.00062
-40.00	210.00	0.00082	-30.00	210.00	0.00107
-25.00	210.00	0.00120	-20.00	210.00	0.00132
-17.00	210.00	0.00139	-15.00	210.00	0.00144
-13.00	210.00	0.00148	-11.00	210.00	0.00152
-9.00	210.00	0.00155	9.00	210.00	0.00162
11.00	210.00	0.00161	13.00	210.00	0.00159
15.00	210.00	0.00157	17.00	210.00	0.00155
20.00	210.00	0.00152	25.00	210.00	0.00145
30.00	210.00	0.00139	40.00	210.00	0.00123
50.00	210.00	0.00107	60.00	210.00	0.00092
70.00	210.00	0.00080	80.00	210.00	0.00070
90.00	210.00	0.00061	100.00	210.00	0.00053
-100.00	220.00	0.00020	-90.00	220.00	0.00024
-80.00	220.00	0.00029	-70.00	220.00	0.00037
-60.00	220.00	0.00047	-50.00	220.00	0.00061
-40.00	220.00	0.00078	-30.00	220.00	0.00098
-25.00	220.00	0.00108	-20.00	220.00	0.00117
-17.00	220.00	0.00122	-15.00	220.00	0.00126
-13.00	220.00	0.00129	-11.00	220.00	0.00132
-9.00	220.00	0.00134	9.00	220.00	0.00140
11.00	220.00	0.00139	13.00	220.00	0.00137
15.00	220.00	0.00136	17.00	220.00	0.00134
20.00	220.00	0.00132	25.00	220.00	0.00127
30.00	220.00	0.00122	40.00	220.00	0.00111
50.00	220.00	0.00098	60.00	220.00	0.00085
70.00	220.00	0.00075	80.00	220.00	0.00066
90.00	220.00	0.00058	100.00	220.00	0.00051

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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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\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	230.00	0.00020	-90.00	230.00	0.00024
-80.00	230.00	0.00029	-70.00	230.00	0.00036
-60.00	230.00	0.00046	-50.00	230.00	0.00058
-40.00	230.00	0.00073	-30.00	230.00	0.00089
-25.00	230.00	0.00097	-20.00	230.00	0.00104
-17.00	230.00	0.00108	-15.00	230.00	0.00111
-13.00	230.00	0.00113	-11.00	230.00	0.00115
-9.00	230.00	0.00117	9.00	230.00	0.00121
11.00	230.00	0.00121	13.00	230.00	0.00120
15.00	230.00	0.00119	17.00	230.00	0.00117
20.00	230.00	0.00116	25.00	230.00	0.00112
30.00	230.00	0.00108	40.00	230.00	0.00100
50.00	230.00	0.00090	60.00	230.00	0.00079
70.00	230.00	0.00070	80.00	230.00	0.00062
90.00	230.00	0.00055	100.00	230.00	0.00049
-100.00	240.00	0.00020	-90.00	240.00	0.00024
-80.00	240.00	0.00029	-70.00	240.00	0.00036
-60.00	240.00	0.00045	-50.00	240.00	0.00056
-40.00	240.00	0.00068	-30.00	240.00	0.00081
-25.00	240.00	0.00087	-20.00	240.00	0.00093
-17.00	240.00	0.00096	-15.00	240.00	0.00098
-13.00	240.00	0.00100	-11.00	240.00	0.00101
-9.00	240.00	0.00103	9.00	240.00	0.00107
11.00	240.00	0.00106	13.00	240.00	0.00105
15.00	240.00	0.00104	17.00	240.00	0.00104
20.00	240.00	0.00102	25.00	240.00	0.00099
30.00	240.00	0.00097	40.00	240.00	0.00090
50.00	240.00	0.00082	60.00	240.00	0.00073
70.00	240.00	0.00065	80.00	240.00	0.00058
90.00	240.00	0.00052	100.00	240.00	0.00046
-100.00	250.00	0.00020	-90.00	250.00	0.00024
-80.00	250.00	0.00029	-70.00	250.00	0.00035
-60.00	250.00	0.00044	-50.00	250.00	0.00053
-40.00	250.00	0.00064	-30.00	250.00	0.00074
-25.00	250.00	0.00079	-20.00	250.00	0.00083
-17.00	250.00	0.00086	-15.00	250.00	0.00087
-13.00	250.00	0.00089	-11.00	250.00	0.00090
-9.00	250.00	0.00091	9.00	250.00	0.00094
11.00	250.00	0.00094	13.00	250.00	0.00093
15.00	250.00	0.00093	17.00	250.00	0.00092

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

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	250.00	0.00091	25.00	250.00	0.00089	
30.00	250.00	0.00086	40.00	250.00	0.00081	
50.00	250.00	0.00075	60.00	250.00	0.00068	
70.00	250.00	0.00061	80.00	250.00	0.00054	
90.00	250.00	0.00049	100.00	250.00	0.00044	

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	-250.00	0.00031	-90.00	-250.00	0.00032	
-80.00	-250.00	0.00033	-70.00	-250.00	0.00033	
-60.00	-250.00	0.00034	-50.00	-250.00	0.00033	
-40.00	-250.00	0.00032	-30.00	-250.00	0.00030	
-25.00	-250.00	0.00030	-20.00	-250.00	0.00029	
-17.00	-250.00	0.00028	-15.00	-250.00	0.00028	
-13.00	-250.00	0.00027	-11.00	-250.00	0.00027	
-9.00	-250.00	0.00027	9.00	-250.00	0.00023	
11.00	-250.00	0.00023	13.00	-250.00	0.00022	
15.00	-250.00	0.00022	17.00	-250.00	0.00022	
20.00	-250.00	0.00021	25.00	-250.00	0.00021	
30.00	-250.00	0.00020	40.00	-250.00	0.00019	
50.00	-250.00	0.00018	60.00	-250.00	0.00017	
70.00	-250.00	0.00016	80.00	-250.00	0.00016	
90.00	-250.00	0.00015	100.00	-250.00	0.00015	
-100.00	-240.00	0.00033	-90.00	-240.00	0.00034	
-80.00	-240.00	0.00035	-70.00	-240.00	0.00036	
-60.00	-240.00	0.00036	-50.00	-240.00	0.00036	
-40.00	-240.00	0.00035	-30.00	-240.00	0.00033	
-25.00	-240.00	0.00032	-20.00	-240.00	0.00031	
-17.00	-240.00	0.00031	-15.00	-240.00	0.00030	
-13.00	-240.00	0.00030	-11.00	-240.00	0.00029	
-9.00	-240.00	0.00029	9.00	-240.00	0.00025	



02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-240.00	0.00025	13.00	-240.00	0.00024
15.00	-240.00	0.00024	17.00	-240.00	0.00023
20.00	-240.00	0.00023	25.00	-240.00	0.00022
30.00	-240.00	0.00021	40.00	-240.00	0.00020
50.00	-240.00	0.00019	60.00	-240.00	0.00018
70.00	-240.00	0.00017	80.00	-240.00	0.00017
90.00	-240.00	0.00016	100.00	-240.00	0.00015
-100.00	-230.00	0.00035	-90.00	-230.00	0.00036
-80.00	-230.00	0.00038	-70.00	-230.00	0.00039
-60.00	-230.00	0.00039	-50.00	-230.00	0.00039
-40.00	-230.00	0.00038	-30.00	-230.00	0.00036
-25.00	-230.00	0.00035	-20.00	-230.00	0.00034
-17.00	-230.00	0.00033	-15.00	-230.00	0.00033
-13.00	-230.00	0.00032	-11.00	-230.00	0.00032
-9.00	-230.00	0.00031	9.00	-230.00	0.00027
11.00	-230.00	0.00026	13.00	-230.00	0.00026
15.00	-230.00	0.00026	17.00	-230.00	0.00025

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

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

16:28:19

\*\*MODELOPTs:  
 PAGE 64

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00025	25.00	-230.00	0.00024
30.00	-230.00	0.00023	40.00	-230.00	0.00021
50.00	-230.00	0.00020	60.00	-230.00	0.00019
70.00	-230.00	0.00018	80.00	-230.00	0.00018
90.00	-230.00	0.00017	100.00	-230.00	0.00016
-100.00	-220.00	0.00037	-90.00	-220.00	0.00039
-80.00	-220.00	0.00040	-70.00	-220.00	0.00042
-60.00	-220.00	0.00042	-50.00	-220.00	0.00042
-40.00	-220.00	0.00041	-30.00	-220.00	0.00039
-25.00	-220.00	0.00038	-20.00	-220.00	0.00037
-17.00	-220.00	0.00036	-15.00	-220.00	0.00036
-13.00	-220.00	0.00035	-11.00	-220.00	0.00035
-9.00	-220.00	0.00034	9.00	-220.00	0.00029
11.00	-220.00	0.00029	13.00	-220.00	0.00028
15.00	-220.00	0.00028	17.00	-220.00	0.00027
20.00	-220.00	0.00027	25.00	-220.00	0.00025
30.00	-220.00	0.00025	40.00	-220.00	0.00023

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-220.00	0.00022	60.00	-220.00	0.00021
70.00	-220.00	0.00020	80.00	-220.00	0.00019
90.00	-220.00	0.00018	100.00	-220.00	0.00017
-100.00	-210.00	0.00040	-90.00	-210.00	0.00041
-80.00	-210.00	0.00043	-70.00	-210.00	0.00045
-60.00	-210.00	0.00046	-50.00	-210.00	0.00046
-40.00	-210.00	0.00045	-30.00	-210.00	0.00043
-25.00	-210.00	0.00042	-20.00	-210.00	0.00041
-17.00	-210.00	0.00040	-15.00	-210.00	0.00039
-13.00	-210.00	0.00039	-11.00	-210.00	0.00038
-9.00	-210.00	0.00037	9.00	-210.00	0.00032
11.00	-210.00	0.00031	13.00	-210.00	0.00031
15.00	-210.00	0.00030	17.00	-210.00	0.00029
20.00	-210.00	0.00029	25.00	-210.00	0.00028
30.00	-210.00	0.00026	40.00	-210.00	0.00025
50.00	-210.00	0.00023	60.00	-210.00	0.00022
70.00	-210.00	0.00021	80.00	-210.00	0.00020
90.00	-210.00	0.00019	100.00	-210.00	0.00018
-100.00	-200.00	0.00043	-90.00	-200.00	0.00044
-80.00	-200.00	0.00046	-70.00	-200.00	0.00048
-60.00	-200.00	0.00050	-50.00	-200.00	0.00051
-40.00	-200.00	0.00050	-30.00	-200.00	0.00048
-25.00	-200.00	0.00046	-20.00	-200.00	0.00045

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

16:28:19  
 \*\*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	0.00044	-15.00	-200.00	0.00043
-13.00	-200.00	0.00042	-11.00	-200.00	0.00042
-9.00	-200.00	0.00041	9.00	-200.00	0.00035
11.00	-200.00	0.00034	13.00	-200.00	0.00033
15.00	-200.00	0.00033	17.00	-200.00	0.00032
20.00	-200.00	0.00031	25.00	-200.00	0.00030
30.00	-200.00	0.00029	40.00	-200.00	0.00027
50.00	-200.00	0.00025	60.00	-200.00	0.00024
70.00	-200.00	0.00023	80.00	-200.00	0.00022
90.00	-200.00	0.00021	100.00	-200.00	0.00019
-100.00	-190.00	0.00046	-90.00	-190.00	0.00048

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	-190.00	0.00050	-70.00	-190.00	0.00052
-60.00	-190.00	0.00054	-50.00	-190.00	0.00056
-40.00	-190.00	0.00055	-30.00	-190.00	0.00053
-25.00	-190.00	0.00052	-20.00	-190.00	0.00050
-17.00	-190.00	0.00049	-15.00	-190.00	0.00048
-13.00	-190.00	0.00047	-11.00	-190.00	0.00046
-9.00	-190.00	0.00045	9.00	-190.00	0.00038
11.00	-190.00	0.00037	13.00	-190.00	0.00036
15.00	-190.00	0.00036	17.00	-190.00	0.00035
20.00	-190.00	0.00034	25.00	-190.00	0.00032
30.00	-190.00	0.00031	40.00	-190.00	0.00029
50.00	-190.00	0.00027	60.00	-190.00	0.00026
70.00	-190.00	0.00025	80.00	-190.00	0.00023
90.00	-190.00	0.00022	100.00	-190.00	0.00020
-100.00	-180.00	0.00050	-90.00	-180.00	0.00052
-80.00	-180.00	0.00054	-70.00	-180.00	0.00057
-60.00	-180.00	0.00059	-50.00	-180.00	0.00061
-40.00	-180.00	0.00061	-30.00	-180.00	0.00059
-25.00	-180.00	0.00058	-20.00	-180.00	0.00056
-17.00	-180.00	0.00054	-15.00	-180.00	0.00053
-13.00	-180.00	0.00052	-11.00	-180.00	0.00051
-9.00	-180.00	0.00050	9.00	-180.00	0.00042
11.00	-180.00	0.00041	13.00	-180.00	0.00040
15.00	-180.00	0.00039	17.00	-180.00	0.00038
20.00	-180.00	0.00037	25.00	-180.00	0.00035
30.00	-180.00	0.00034	40.00	-180.00	0.00032
50.00	-180.00	0.00030	60.00	-180.00	0.00028
70.00	-180.00	0.00027	80.00	-180.00	0.00025
90.00	-180.00	0.00023	100.00	-180.00	0.00021

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

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

16:28:19

\*\*MODELOPTs:  
 PAGE 66

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00054	-90.00	-170.00	0.00056
-80.00	-170.00	0.00059	-70.00	-170.00	0.00062
-60.00	-170.00	0.00065	-50.00	-170.00	0.00067
-40.00	-170.00	0.00068	-30.00	-170.00	0.00066
-25.00	-170.00	0.00065	-20.00	-170.00	0.00062

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-170.00	0.00061	-15.00	-170.00	0.00060
-13.00	-170.00	0.00059	-11.00	-170.00	0.00057
-9.00	-170.00	0.00056	9.00	-170.00	0.00046
11.00	-170.00	0.00045	13.00	-170.00	0.00044
15.00	-170.00	0.00043	17.00	-170.00	0.00042
20.00	-170.00	0.00041	25.00	-170.00	0.00039
30.00	-170.00	0.00037	40.00	-170.00	0.00035
50.00	-170.00	0.00033	60.00	-170.00	0.00031
70.00	-170.00	0.00029	80.00	-170.00	0.00027
90.00	-170.00	0.00024	100.00	-170.00	0.00022
-100.00	-160.00	0.00058	-90.00	-160.00	0.00061
-80.00	-160.00	0.00064	-70.00	-160.00	0.00067
-60.00	-160.00	0.00071	-50.00	-160.00	0.00074
-40.00	-160.00	0.00076	-30.00	-160.00	0.00075
-25.00	-160.00	0.00073	-20.00	-160.00	0.00070
-17.00	-160.00	0.00069	-15.00	-160.00	0.00067
-13.00	-160.00	0.00066	-11.00	-160.00	0.00065
-9.00	-160.00	0.00063	9.00	-160.00	0.00051
11.00	-160.00	0.00050	13.00	-160.00	0.00049
15.00	-160.00	0.00048	17.00	-160.00	0.00047
20.00	-160.00	0.00045	25.00	-160.00	0.00043
30.00	-160.00	0.00041	40.00	-160.00	0.00038
50.00	-160.00	0.00036	60.00	-160.00	0.00034
70.00	-160.00	0.00031	80.00	-160.00	0.00029
90.00	-160.00	0.00026	100.00	-160.00	0.00023
-100.00	-150.00	0.00064	-90.00	-150.00	0.00067
-80.00	-150.00	0.00070	-70.00	-150.00	0.00074
-60.00	-150.00	0.00078	-50.00	-150.00	0.00082
-40.00	-150.00	0.00085	-30.00	-150.00	0.00085
-25.00	-150.00	0.00083	-20.00	-150.00	0.00080
-17.00	-150.00	0.00078	-15.00	-150.00	0.00077
-13.00	-150.00	0.00075	-11.00	-150.00	0.00074
-9.00	-150.00	0.00072	9.00	-150.00	0.00057
11.00	-150.00	0.00056	13.00	-150.00	0.00054
15.00	-150.00	0.00053	17.00	-150.00	0.00052

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

16:28:19  
 \*\*MODELOPTS:  
 PAGE 67

CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S3 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

		02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound				
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	-150.00	0.00050	25.00	-150.00	0.00048	
30.00	-150.00	0.00046	40.00	-150.00	0.00042	
50.00	-150.00	0.00040	60.00	-150.00	0.00037	
70.00	-150.00	0.00034	80.00	-150.00	0.00030	
90.00	-150.00	0.00026	100.00	-150.00	0.00023	
-100.00	-140.00	0.00069	-90.00	-140.00	0.00073	
-80.00	-140.00	0.00077	-70.00	-140.00	0.00082	
-60.00	-140.00	0.00086	-50.00	-140.00	0.00091	
-40.00	-140.00	0.00096	-30.00	-140.00	0.00097	
-25.00	-140.00	0.00095	-20.00	-140.00	0.00092	
-17.00	-140.00	0.00090	-15.00	-140.00	0.00088	
-13.00	-140.00	0.00086	-11.00	-140.00	0.00084	
-9.00	-140.00	0.00082	9.00	-140.00	0.00064	
11.00	-140.00	0.00062	13.00	-140.00	0.00061	
15.00	-140.00	0.00059	17.00	-140.00	0.00058	
20.00	-140.00	0.00056	25.00	-140.00	0.00053	
30.00	-140.00	0.00051	40.00	-140.00	0.00047	
50.00	-140.00	0.00044	60.00	-140.00	0.00040	
70.00	-140.00	0.00036	80.00	-140.00	0.00031	
90.00	-140.00	0.00027	100.00	-140.00	0.00023	
-100.00	-130.00	0.00075	-90.00	-130.00	0.00080	
-80.00	-130.00	0.00085	-70.00	-130.00	0.00091	
-60.00	-130.00	0.00096	-50.00	-130.00	0.00102	
-40.00	-130.00	0.00108	-30.00	-130.00	0.00111	
-25.00	-130.00	0.00110	-20.00	-130.00	0.00107	
-17.00	-130.00	0.00104	-15.00	-130.00	0.00102	
-13.00	-130.00	0.00100	-11.00	-130.00	0.00098	
-9.00	-130.00	0.00095	9.00	-130.00	0.00073	
11.00	-130.00	0.00071	13.00	-130.00	0.00069	
15.00	-130.00	0.00067	17.00	-130.00	0.00065	
20.00	-130.00	0.00063	25.00	-130.00	0.00060	
30.00	-130.00	0.00057	40.00	-130.00	0.00053	
50.00	-130.00	0.00048	60.00	-130.00	0.00043	
70.00	-130.00	0.00038	80.00	-130.00	0.00033	
90.00	-130.00	0.00028	100.00	-130.00	0.00024	
-100.00	-120.00	0.00082	-90.00	-120.00	0.00088	
-80.00	-120.00	0.00094	-70.00	-120.00	0.00101	
-60.00	-120.00	0.00108	-50.00	-120.00	0.00115	
-40.00	-120.00	0.00122	-30.00	-120.00	0.00127	
-25.00	-120.00	0.00127	-20.00	-120.00	0.00125	

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:28:19  
\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00122	-15.00	-120.00	0.00120
-13.00	-120.00	0.00117	-11.00	-120.00	0.00114
-9.00	-120.00	0.00111	9.00	-120.00	0.00083
11.00	-120.00	0.00081	13.00	-120.00	0.00078
15.00	-120.00	0.00076	17.00	-120.00	0.00074
20.00	-120.00	0.00071	25.00	-120.00	0.00068
30.00	-120.00	0.00064	40.00	-120.00	0.00059
50.00	-120.00	0.00053	60.00	-120.00	0.00046
70.00	-120.00	0.00040	80.00	-120.00	0.00034
90.00	-120.00	0.00028	100.00	-120.00	0.00024
-100.00	-110.00	0.00088	-90.00	-110.00	0.00096
-80.00	-110.00	0.00104	-70.00	-110.00	0.00113
-60.00	-110.00	0.00121	-50.00	-110.00	0.00130
-40.00	-110.00	0.00139	-30.00	-110.00	0.00146
-25.00	-110.00	0.00148	-20.00	-110.00	0.00147
-17.00	-110.00	0.00144	-15.00	-110.00	0.00142
-13.00	-110.00	0.00139	-11.00	-110.00	0.00135
-9.00	-110.00	0.00131	9.00	-110.00	0.00096
11.00	-110.00	0.00092	13.00	-110.00	0.00090
15.00	-110.00	0.00087	17.00	-110.00	0.00085
20.00	-110.00	0.00081	25.00	-110.00	0.00077
30.00	-110.00	0.00073	40.00	-110.00	0.00066
50.00	-110.00	0.00058	60.00	-110.00	0.00049
70.00	-110.00	0.00041	80.00	-110.00	0.00034
90.00	-110.00	0.00028	100.00	-110.00	0.00024
-100.00	-100.00	0.00094	-90.00	-100.00	0.00104
-80.00	-100.00	0.00114	-70.00	-100.00	0.00125
-60.00	-100.00	0.00136	-50.00	-100.00	0.00148
-40.00	-100.00	0.00159	-30.00	-100.00	0.00169
-25.00	-100.00	0.00173	-20.00	-100.00	0.00174
-17.00	-100.00	0.00172	-15.00	-100.00	0.00169
-13.00	-100.00	0.00166	-11.00	-100.00	0.00162
-9.00	-100.00	0.00157	9.00	-100.00	0.00111
11.00	-100.00	0.00107	13.00	-100.00	0.00103
15.00	-100.00	0.00100	17.00	-100.00	0.00098
20.00	-100.00	0.00094	25.00	-100.00	0.00089
30.00	-100.00	0.00084	40.00	-100.00	0.00073

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-100.00	0.00062	60.00	-100.00	0.00051
70.00	-100.00	0.00042	80.00	-100.00	0.00034
90.00	-100.00	0.00029	100.00	-100.00	0.00024

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

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

16:28:19

\*\*MODELOPTs:

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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	0.00100	-90.00	-90.00	0.00112
-80.00	-90.00	0.00125	-70.00	-90.00	0.00138
-60.00	-90.00	0.00153	-50.00	-90.00	0.00168
-40.00	-90.00	0.00183	-30.00	-90.00	0.00197
-25.00	-90.00	0.00203	-20.00	-90.00	0.00206
-17.00	-90.00	0.00206	-15.00	-90.00	0.00204
-13.00	-90.00	0.00201	-11.00	-90.00	0.00196
-9.00	-90.00	0.00191	9.00	-90.00	0.00130
11.00	-90.00	0.00125	13.00	-90.00	0.00121
15.00	-90.00	0.00117	17.00	-90.00	0.00113
20.00	-90.00	0.00109	25.00	-90.00	0.00102
30.00	-90.00	0.00095	40.00	-90.00	0.00080
50.00	-90.00	0.00065	60.00	-90.00	0.00053
70.00	-90.00	0.00043	80.00	-90.00	0.00035
90.00	-90.00	0.00029	100.00	-90.00	0.00025
-100.00	-80.00	0.00106	-90.00	-80.00	0.00119
-80.00	-80.00	0.00135	-70.00	-80.00	0.00151
-60.00	-80.00	0.00170	-50.00	-80.00	0.00190
-40.00	-80.00	0.00211	-30.00	-80.00	0.00230
-25.00	-80.00	0.00238	-20.00	-80.00	0.00244
-17.00	-80.00	0.00246	-15.00	-80.00	0.00246
-13.00	-80.00	0.00244	-11.00	-80.00	0.00240
-9.00	-80.00	0.00235	9.00	-80.00	0.00153
11.00	-80.00	0.00147	13.00	-80.00	0.00142
15.00	-80.00	0.00137	17.00	-80.00	0.00133
20.00	-80.00	0.00127	25.00	-80.00	0.00116
30.00	-80.00	0.00105	40.00	-80.00	0.00085
50.00	-80.00	0.00068	60.00	-80.00	0.00054
70.00	-80.00	0.00044	80.00	-80.00	0.00036
90.00	-80.00	0.00030	100.00	-80.00	0.00026
-100.00	-70.00	0.00110	-90.00	-70.00	0.00126

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	-70.00	0.00144	-70.00	-70.00	0.00164
-60.00	-70.00	0.00187	-50.00	-70.00	0.00212
-40.00	-70.00	0.00241	-30.00	-70.00	0.00269
-25.00	-70.00	0.00281	-20.00	-70.00	0.00291
-17.00	-70.00	0.00295	-15.00	-70.00	0.00297
-13.00	-70.00	0.00297	-11.00	-70.00	0.00295
-9.00	-70.00	0.00290	9.00	-70.00	0.00182
11.00	-70.00	0.00174	13.00	-70.00	0.00167
15.00	-70.00	0.00161	17.00	-70.00	0.00154

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

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

16:28:19

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00144	25.00	-70.00	0.00128
30.00	-70.00	0.00113	40.00	-70.00	0.00089
50.00	-70.00	0.00070	60.00	-70.00	0.00056
70.00	-70.00	0.00046	80.00	-70.00	0.00038
90.00	-70.00	0.00032	100.00	-70.00	0.00027
-100.00	-60.00	0.00113	-90.00	-60.00	0.00130
-80.00	-60.00	0.00151	-70.00	-60.00	0.00174
-60.00	-60.00	0.00202	-50.00	-60.00	0.00234
-40.00	-60.00	0.00269	-30.00	-60.00	0.00308
-25.00	-60.00	0.00328	-20.00	-60.00	0.00345
-17.00	-60.00	0.00354	-15.00	-60.00	0.00359
-13.00	-60.00	0.00362	-11.00	-60.00	0.00363
-9.00	-60.00	0.00361	9.00	-60.00	0.00217
11.00	-60.00	0.00205	13.00	-60.00	0.00193
15.00	-60.00	0.00182	17.00	-60.00	0.00172
20.00	-60.00	0.00158	25.00	-60.00	0.00137
30.00	-60.00	0.00121	40.00	-60.00	0.00094
50.00	-60.00	0.00074	60.00	-60.00	0.00059
70.00	-60.00	0.00048	80.00	-60.00	0.00039
90.00	-60.00	0.00033	100.00	-60.00	0.00028
-100.00	-50.00	0.00113	-90.00	-50.00	0.00132
-80.00	-50.00	0.00154	-70.00	-50.00	0.00180
-60.00	-50.00	0.00212	-50.00	-50.00	0.00249
-40.00	-50.00	0.00292	-30.00	-50.00	0.00341
-25.00	-50.00	0.00369	-20.00	-50.00	0.00398



02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-50.00	0.00415	-15.00	-50.00	0.00426
-13.00	-50.00	0.00438	-11.00	-50.00	0.00450
-9.00	-50.00	0.00461	9.00	-50.00	0.00249
11.00	-50.00	0.00230	13.00	-50.00	0.00214
15.00	-50.00	0.00200	17.00	-50.00	0.00188
20.00	-50.00	0.00171	25.00	-50.00	0.00149
30.00	-50.00	0.00130	40.00	-50.00	0.00100
50.00	-50.00	0.00078	60.00	-50.00	0.00062
70.00	-50.00	0.00050	80.00	-50.00	0.00041
90.00	-50.00	0.00035	100.00	-50.00	0.00030
-100.00	-40.00	0.00112	-90.00	-40.00	0.00131
-80.00	-40.00	0.00154	-70.00	-40.00	0.00182
-60.00	-40.00	0.00216	-50.00	-40.00	0.00257
-40.00	-40.00	0.00304	-30.00	-40.00	0.00360
-25.00	-40.00	0.00392	-20.00	-40.00	0.00428

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

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

16:28:19

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00451	-15.00	-40.00	0.00468
-13.00	-40.00	0.00486	-11.00	-40.00	0.00507
-9.00	-40.00	0.00533	9.00	-40.00	0.00304
11.00	-40.00	0.00273	13.00	-40.00	0.00250
15.00	-40.00	0.00231	17.00	-40.00	0.00214
20.00	-40.00	0.00194	25.00	-40.00	0.00166
30.00	-40.00	0.00143	40.00	-40.00	0.00108
50.00	-40.00	0.00083	60.00	-40.00	0.00065
70.00	-40.00	0.00053	80.00	-40.00	0.00044
90.00	-40.00	0.00037	100.00	-40.00	0.00032
-100.00	-30.00	0.00109	-90.00	-30.00	0.00127
-80.00	-30.00	0.00151	-70.00	-30.00	0.00179
-60.00	-30.00	0.00214	-50.00	-30.00	0.00256
-40.00	-30.00	0.00305	-30.00	-30.00	0.00361
-25.00	-30.00	0.00393	-20.00	-30.00	0.00429
-17.00	-30.00	0.00454	-15.00	-30.00	0.00472
-13.00	-30.00	0.00492	-11.00	-30.00	0.00518
-9.00	-30.00	0.00555	9.00	-30.00	0.00421
11.00	-30.00	0.00368	13.00	-30.00	0.00329

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-30.00	0.00297	17.00	-30.00	0.00271
20.00	-30.00	0.00239	25.00	-30.00	0.00197
30.00	-30.00	0.00166	40.00	-30.00	0.00121
50.00	-30.00	0.00091	60.00	-30.00	0.00071
70.00	-30.00	0.00057	80.00	-30.00	0.00048
90.00	-30.00	0.00040	100.00	-30.00	0.00035
-100.00	-20.00	0.00104	-90.00	-20.00	0.00122
-80.00	-20.00	0.00144	-70.00	-20.00	0.00172
-60.00	-20.00	0.00206	-50.00	-20.00	0.00247
-40.00	-20.00	0.00295	-30.00	-20.00	0.00350
-25.00	-20.00	0.00381	-20.00	-20.00	0.00419
-17.00	-20.00	0.00448	-15.00	-20.00	0.00472
-13.00	-20.00	0.00502	-11.00	-20.00	0.00541
-9.00	-20.00	0.00597	9.00	-20.00	0.00523
11.00	-20.00	0.00459	13.00	-20.00	0.00409
15.00	-20.00	0.00368	17.00	-20.00	0.00333
20.00	-20.00	0.00290	25.00	-20.00	0.00235
30.00	-20.00	0.00194	40.00	-20.00	0.00137
50.00	-20.00	0.00102	60.00	-20.00	0.00079
70.00	-20.00	0.00064	80.00	-20.00	0.00052
90.00	-20.00	0.00044	100.00	-20.00	0.00038

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

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

16:28:19

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00097	-90.00	-10.00	0.00114
-80.00	-10.00	0.00134	-70.00	-10.00	0.00160
-60.00	-10.00	0.00192	-50.00	-10.00	0.00231
-40.00	-10.00	0.00277	-30.00	-10.00	0.00331
-25.00	-10.00	0.00364	-20.00	-10.00	0.00408
-17.00	-10.00	0.00445	-15.00	-10.00	0.00477
-13.00	-10.00	0.00517	-11.00	-10.00	0.00568
-9.00	-10.00	0.00637	9.00	-10.00	0.00598
11.00	-10.00	0.00528	13.00	-10.00	0.00472
15.00	-10.00	0.00425	17.00	-10.00	0.00385
20.00	-10.00	0.00335	25.00	-10.00	0.00270
30.00	-10.00	0.00221	40.00	-10.00	0.00155
50.00	-10.00	0.00115	60.00	-10.00	0.00089

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-10.00	0.00071	80.00	-10.00	0.00058
90.00	-10.00	0.00048	100.00	-10.00	0.00041
-100.00	0.00	0.00089	-90.00	0.00	0.00104
-80.00	0.00	0.00122	-70.00	0.00	0.00145
-60.00	0.00	0.00173	-50.00	0.00	0.00208
-40.00	0.00	0.00252	-30.00	0.00	0.00308
-25.00	0.00	0.00345	-20.00	0.00	0.00396
-17.00	0.00	0.00439	-15.00	0.00	0.00477
-13.00	0.00	0.00523	-11.00	0.00	0.00582
-9.00	0.00	0.00658	9.00	0.00	0.00648
11.00	0.00	0.00576	13.00	0.00	0.00517
15.00	0.00	0.00467	17.00	0.00	0.00423
20.00	0.00	0.00368	25.00	0.00	0.00296
30.00	0.00	0.00243	40.00	0.00	0.00172
50.00	0.00	0.00128	60.00	0.00	0.00099
70.00	0.00	0.00079	80.00	0.00	0.00064
90.00	0.00	0.00053	100.00	0.00	0.00044
-100.00	10.00	0.00080	-90.00	10.00	0.00092
-80.00	10.00	0.00108	-70.00	10.00	0.00128
-60.00	10.00	0.00152	-50.00	10.00	0.00182
-40.00	10.00	0.00222	-30.00	10.00	0.00279
-25.00	10.00	0.00320	-20.00	10.00	0.00377
-17.00	10.00	0.00424	-15.00	10.00	0.00465
-13.00	10.00	0.00515	-11.00	10.00	0.00578
-9.00	10.00	0.00658	9.00	10.00	0.00677
11.00	10.00	0.00604	13.00	10.00	0.00544
15.00	10.00	0.00493	17.00	10.00	0.00448

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

16:28:19  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00390	25.00	10.00	0.00317
30.00	10.00	0.00262	40.00	10.00	0.00189
50.00	10.00	0.00141	60.00	10.00	0.00109
70.00	10.00	0.00086	80.00	10.00	0.00069
90.00	10.00	0.00057	100.00	10.00	0.00047
-100.00	20.00	0.00070	-90.00	20.00	0.00080
-80.00	20.00	0.00093	-70.00	20.00	0.00109

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	20.00	0.00129	-50.00	20.00	0.00155
-40.00	20.00	0.00190	-30.00	20.00	0.00244
-25.00	20.00	0.00286	-20.00	20.00	0.00347
-17.00	20.00	0.00397	-15.00	20.00	0.00438
-13.00	20.00	0.00489	-11.00	20.00	0.00552
-9.00	20.00	0.00634	9.00	20.00	0.00688
11.00	20.00	0.00614	13.00	20.00	0.00555
15.00	20.00	0.00505	17.00	20.00	0.00461
20.00	20.00	0.00406	25.00	20.00	0.00333
30.00	20.00	0.00279	40.00	20.00	0.00203
50.00	20.00	0.00153	60.00	20.00	0.00117
70.00	20.00	0.00092	80.00	20.00	0.00074
90.00	20.00	0.00061	100.00	20.00	0.00050
-100.00	30.00	0.00061	-90.00	30.00	0.00069
-80.00	30.00	0.00079	-70.00	30.00	0.00091
-60.00	30.00	0.00106	-50.00	30.00	0.00127
-40.00	30.00	0.00157	-30.00	30.00	0.00207
-25.00	30.00	0.00246	-20.00	30.00	0.00304
-17.00	30.00	0.00352	-15.00	30.00	0.00393
-13.00	30.00	0.00443	-11.00	30.00	0.00505
-9.00	30.00	0.00586	9.00	30.00	0.00683
11.00	30.00	0.00612	13.00	30.00	0.00556
15.00	30.00	0.00510	17.00	30.00	0.00470
20.00	30.00	0.00418	25.00	30.00	0.00347
30.00	30.00	0.00291	40.00	30.00	0.00212
50.00	30.00	0.00160	60.00	30.00	0.00124
70.00	30.00	0.00098	80.00	30.00	0.00078
90.00	30.00	0.00064	100.00	30.00	0.00053
-100.00	40.00	0.00053	-90.00	40.00	0.00059
-80.00	40.00	0.00066	-70.00	40.00	0.00076
-60.00	40.00	0.00088	-50.00	40.00	0.00104
-40.00	40.00	0.00129	-30.00	40.00	0.00172
-25.00	40.00	0.00206	-20.00	40.00	0.00257

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

16:28:19  
 \*\*MODELOPTs:  
 PAGE 74  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00299	-15.00	40.00	0.00335

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	40.00	0.00378	-11.00	40.00	0.00433
-9.00	40.00	0.00504	9.00	40.00	0.00673
11.00	40.00	0.00609	13.00	40.00	0.00555
15.00	40.00	0.00512	17.00	40.00	0.00473
20.00	40.00	0.00423	25.00	40.00	0.00353
30.00	40.00	0.00298	40.00	40.00	0.00218
50.00	40.00	0.00166	60.00	40.00	0.00129
70.00	40.00	0.00102	80.00	40.00	0.00082
90.00	40.00	0.00067	100.00	40.00	0.00056
-100.00	50.00	0.00045	-90.00	50.00	0.00050
-80.00	50.00	0.00056	-70.00	50.00	0.00063
-60.00	50.00	0.00073	-50.00	50.00	0.00087
-40.00	50.00	0.00109	-30.00	50.00	0.00149
-25.00	50.00	0.00181	-20.00	50.00	0.00227
-17.00	50.00	0.00265	-15.00	50.00	0.00296
-13.00	50.00	0.00334	-11.00	50.00	0.00381
-9.00	50.00	0.00439	9.00	50.00	0.00629
11.00	50.00	0.00579	13.00	50.00	0.00535
15.00	50.00	0.00495	17.00	50.00	0.00460
20.00	50.00	0.00414	25.00	50.00	0.00349
30.00	50.00	0.00296	40.00	50.00	0.00220
50.00	50.00	0.00168	60.00	50.00	0.00131
70.00	50.00	0.00105	80.00	50.00	0.00085
90.00	50.00	0.00070	100.00	50.00	0.00058
-100.00	60.00	0.00038	-90.00	60.00	0.00042
-80.00	60.00	0.00047	-70.00	60.00	0.00053
-60.00	60.00	0.00061	-50.00	60.00	0.00075
-40.00	60.00	0.00097	-30.00	60.00	0.00138
-25.00	60.00	0.00171	-20.00	60.00	0.00218
-17.00	60.00	0.00257	-15.00	60.00	0.00289
-13.00	60.00	0.00326	-11.00	60.00	0.00369
-9.00	60.00	0.00417	9.00	60.00	0.00515
11.00	60.00	0.00489	13.00	60.00	0.00462
15.00	60.00	0.00436	17.00	60.00	0.00411
20.00	60.00	0.00376	25.00	60.00	0.00325
30.00	60.00	0.00281	40.00	60.00	0.00214
50.00	60.00	0.00165	60.00	60.00	0.00131
70.00	60.00	0.00105	80.00	60.00	0.00086
90.00	60.00	0.00071	100.00	60.00	0.00059

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	70.00	0.00033	-90.00	70.00	0.00036	
-80.00	70.00	0.00040	-70.00	70.00	0.00045	
-60.00	70.00	0.00054	-50.00	70.00	0.00068	
-40.00	70.00	0.00092	-30.00	70.00	0.00135	
-25.00	70.00	0.00169	-20.00	70.00	0.00215	
-17.00	70.00	0.00250	-15.00	70.00	0.00276	
-13.00	70.00	0.00305	-11.00	70.00	0.00335	
-9.00	70.00	0.00365	9.00	70.00	0.00413	
11.00	70.00	0.00399	13.00	70.00	0.00383	
15.00	70.00	0.00367	17.00	70.00	0.00351	
20.00	70.00	0.00327	25.00	70.00	0.00290	
30.00	70.00	0.00257	40.00	70.00	0.00201	
50.00	70.00	0.00159	60.00	70.00	0.00127	
70.00	70.00	0.00104	80.00	70.00	0.00086	
90.00	70.00	0.00071	100.00	70.00	0.00060	
-100.00	80.00	0.00028	-90.00	80.00	0.00031	
-80.00	80.00	0.00035	-70.00	80.00	0.00041	
-60.00	80.00	0.00050	-50.00	80.00	0.00065	
-40.00	80.00	0.00091	-30.00	80.00	0.00134	
-25.00	80.00	0.00165	-20.00	80.00	0.00205	
-17.00	80.00	0.00232	-15.00	80.00	0.00251	
-13.00	80.00	0.00270	-11.00	80.00	0.00289	
-9.00	80.00	0.00306	9.00	80.00	0.00334	
11.00	80.00	0.00325	13.00	80.00	0.00316	
15.00	80.00	0.00307	17.00	80.00	0.00297	
20.00	80.00	0.00281	25.00	80.00	0.00254	
30.00	80.00	0.00229	40.00	80.00	0.00185	
50.00	80.00	0.00149	60.00	80.00	0.00122	
70.00	80.00	0.00100	80.00	80.00	0.00084	
90.00	80.00	0.00071	100.00	80.00	0.00060	
-100.00	90.00	0.00025	-90.00	90.00	0.00028	
-80.00	90.00	0.00032	-70.00	90.00	0.00039	
-60.00	90.00	0.00049	-50.00	90.00	0.00064	
-40.00	90.00	0.00090	-30.00	90.00	0.00130	
-25.00	90.00	0.00157	-20.00	90.00	0.00188	
-17.00	90.00	0.00207	-15.00	90.00	0.00220	
-13.00	90.00	0.00233	-11.00	90.00	0.00245	
-9.00	90.00	0.00255	9.00	90.00	0.00273	
11.00	90.00	0.00268	13.00	90.00	0.00262	

15.00 90.00 0.00256 17.00 90.00 0.00250

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00240	25.00	90.00	0.00221
30.00	90.00	0.00202	40.00	90.00	0.00168
50.00	90.00	0.00139	60.00	90.00	0.00115
70.00	90.00	0.00096	80.00	90.00	0.00081
90.00	90.00	0.00069	100.00	90.00	0.00059
-100.00	100.00	0.00023	-90.00	100.00	0.00026
-80.00	100.00	0.00031	-70.00	100.00	0.00037
-60.00	100.00	0.00048	-50.00	100.00	0.00064
-40.00	100.00	0.00089	-30.00	100.00	0.00124
-25.00	100.00	0.00146	-20.00	100.00	0.00168
-17.00	100.00	0.00182	-15.00	100.00	0.00191
-13.00	100.00	0.00199	-11.00	100.00	0.00207
-9.00	100.00	0.00214	9.00	100.00	0.00227
11.00	100.00	0.00223	13.00	100.00	0.00220
15.00	100.00	0.00216	17.00	100.00	0.00211
20.00	100.00	0.00205	25.00	100.00	0.00192
30.00	100.00	0.00179	40.00	100.00	0.00151
50.00	100.00	0.00127	60.00	100.00	0.00107
70.00	100.00	0.00091	80.00	100.00	0.00077
90.00	100.00	0.00066	100.00	100.00	0.00057
-100.00	110.00	0.00021	-90.00	110.00	0.00025
-80.00	110.00	0.00030	-70.00	110.00	0.00037
-60.00	110.00	0.00048	-50.00	110.00	0.00064
-40.00	110.00	0.00086	-30.00	110.00	0.00116
-25.00	110.00	0.00133	-20.00	110.00	0.00149
-17.00	110.00	0.00159	-15.00	110.00	0.00165
-13.00	110.00	0.00171	-11.00	110.00	0.00177
-9.00	110.00	0.00181	9.00	110.00	0.00191
11.00	110.00	0.00188	13.00	110.00	0.00186
15.00	110.00	0.00183	17.00	110.00	0.00180
20.00	110.00	0.00176	25.00	110.00	0.00167
30.00	110.00	0.00157	40.00	110.00	0.00136
50.00	110.00	0.00117	60.00	110.00	0.00100

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	110.00	0.00086	80.00	110.00	0.00074
90.00	110.00	0.00064	100.00	110.00	0.00055
-100.00	120.00	0.00021	-90.00	120.00	0.00024
-80.00	120.00	0.00029	-70.00	120.00	0.00037
-60.00	120.00	0.00048	-50.00	120.00	0.00062
-40.00	120.00	0.00082	-30.00	120.00	0.00107
-25.00	120.00	0.00120	-20.00	120.00	0.00132

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

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

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3

INCLUDING SOURCE(S) :            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00139	-15.00	120.00	0.00144
-13.00	120.00	0.00148	-11.00	120.00	0.00152
-9.00	120.00	0.00155	9.00	120.00	0.00162
11.00	120.00	0.00161	13.00	120.00	0.00159
15.00	120.00	0.00157	17.00	120.00	0.00155
20.00	120.00	0.00152	25.00	120.00	0.00145
30.00	120.00	0.00139	40.00	120.00	0.00123
50.00	120.00	0.00107	60.00	120.00	0.00092
70.00	120.00	0.00080	80.00	120.00	0.00070
90.00	120.00	0.00061	100.00	120.00	0.00053
-100.00	130.00	0.00020	-90.00	130.00	0.00024
-80.00	130.00	0.00029	-70.00	130.00	0.00037
-60.00	130.00	0.00047	-50.00	130.00	0.00061
-40.00	130.00	0.00078	-30.00	130.00	0.00098
-25.00	130.00	0.00108	-20.00	130.00	0.00117
-17.00	130.00	0.00122	-15.00	130.00	0.00126
-13.00	130.00	0.00129	-11.00	130.00	0.00132
-9.00	130.00	0.00134	9.00	130.00	0.00140
11.00	130.00	0.00139	13.00	130.00	0.00137
15.00	130.00	0.00136	17.00	130.00	0.00134
20.00	130.00	0.00132	25.00	130.00	0.00127
30.00	130.00	0.00122	40.00	130.00	0.00111
50.00	130.00	0.00098	60.00	130.00	0.00085
70.00	130.00	0.00075	80.00	130.00	0.00066
90.00	130.00	0.00058	100.00	130.00	0.00051
-100.00	140.00	0.00020	-90.00	140.00	0.00024
-80.00	140.00	0.00029	-70.00	140.00	0.00036



02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	140.00	0.00046	-50.00	140.00	0.00058
-40.00	140.00	0.00073	-30.00	140.00	0.00089
-25.00	140.00	0.00097	-20.00	140.00	0.00104
-17.00	140.00	0.00108	-15.00	140.00	0.00111
-13.00	140.00	0.00113	-11.00	140.00	0.00115
-9.00	140.00	0.00117	9.00	140.00	0.00121
11.00	140.00	0.00121	13.00	140.00	0.00120
15.00	140.00	0.00119	17.00	140.00	0.00117
20.00	140.00	0.00116	25.00	140.00	0.00112
30.00	140.00	0.00108	40.00	140.00	0.00100
50.00	140.00	0.00090	60.00	140.00	0.00079
70.00	140.00	0.00070	80.00	140.00	0.00062
90.00	140.00	0.00055	100.00	140.00	0.00049

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00020	-90.00	150.00	0.00024
-80.00	150.00	0.00029	-70.00	150.00	0.00036
-60.00	150.00	0.00045	-50.00	150.00	0.00056
-40.00	150.00	0.00068	-30.00	150.00	0.00081
-25.00	150.00	0.00087	-20.00	150.00	0.00093
-17.00	150.00	0.00096	-15.00	150.00	0.00098
-13.00	150.00	0.00100	-11.00	150.00	0.00101
-9.00	150.00	0.00103	9.00	150.00	0.00107
11.00	150.00	0.00106	13.00	150.00	0.00105
15.00	150.00	0.00104	17.00	150.00	0.00104
20.00	150.00	0.00102	25.00	150.00	0.00099
30.00	150.00	0.00097	40.00	150.00	0.00090
50.00	150.00	0.00082	60.00	150.00	0.00073
70.00	150.00	0.00065	80.00	150.00	0.00058
90.00	150.00	0.00052	100.00	150.00	0.00046
-100.00	160.00	0.00020	-90.00	160.00	0.00024
-80.00	160.00	0.00029	-70.00	160.00	0.00035
-60.00	160.00	0.00044	-50.00	160.00	0.00053
-40.00	160.00	0.00064	-30.00	160.00	0.00074
-25.00	160.00	0.00079	-20.00	160.00	0.00083
-17.00	160.00	0.00086	-15.00	160.00	0.00087

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	160.00	0.00089	-11.00	160.00	0.00090
-9.00	160.00	0.00091	9.00	160.00	0.00094
11.00	160.00	0.00094	13.00	160.00	0.00093
15.00	160.00	0.00093	17.00	160.00	0.00092
20.00	160.00	0.00091	25.00	160.00	0.00089
30.00	160.00	0.00086	40.00	160.00	0.00081
50.00	160.00	0.00075	60.00	160.00	0.00068
70.00	160.00	0.00061	80.00	160.00	0.00054
90.00	160.00	0.00049	100.00	160.00	0.00044
-100.00	170.00	0.00020	-90.00	170.00	0.00024
-80.00	170.00	0.00028	-70.00	170.00	0.00035
-60.00	170.00	0.00042	-50.00	170.00	0.00050
-40.00	170.00	0.00059	-30.00	170.00	0.00067
-25.00	170.00	0.00071	-20.00	170.00	0.00075
-17.00	170.00	0.00077	-15.00	170.00	0.00078
-13.00	170.00	0.00079	-11.00	170.00	0.00081
-9.00	170.00	0.00081	9.00	170.00	0.00084
11.00	170.00	0.00084	13.00	170.00	0.00083
15.00	170.00	0.00083	17.00	170.00	0.00082

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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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	0.00081	25.00	170.00	0.00080
30.00	170.00	0.00078	40.00	170.00	0.00074
50.00	170.00	0.00069	60.00	170.00	0.00063
70.00	170.00	0.00057	80.00	170.00	0.00051
90.00	170.00	0.00046	100.00	170.00	0.00042
-100.00	180.00	0.00020	-90.00	180.00	0.00023
-80.00	180.00	0.00028	-70.00	180.00	0.00034
-60.00	180.00	0.00040	-50.00	180.00	0.00047
-40.00	180.00	0.00055	-30.00	180.00	0.00062
-25.00	180.00	0.00065	-20.00	180.00	0.00068
-17.00	180.00	0.00070	-15.00	180.00	0.00071
-13.00	180.00	0.00072	-11.00	180.00	0.00072
-9.00	180.00	0.00073	9.00	180.00	0.00075
11.00	180.00	0.00075	13.00	180.00	0.00075
15.00	180.00	0.00074	17.00	180.00	0.00074

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	180.00	0.00073	25.00	180.00	0.00072
30.00	180.00	0.00070	40.00	180.00	0.00067
50.00	180.00	0.00063	60.00	180.00	0.00059
70.00	180.00	0.00054	80.00	180.00	0.00048
90.00	180.00	0.00044	100.00	180.00	0.00040
-100.00	190.00	0.00019	-90.00	190.00	0.00023
-80.00	190.00	0.00027	-70.00	190.00	0.00033
-60.00	190.00	0.00038	-50.00	190.00	0.00045
-40.00	190.00	0.00051	-30.00	190.00	0.00057
-25.00	190.00	0.00059	-20.00	190.00	0.00062
-17.00	190.00	0.00063	-15.00	190.00	0.00064
-13.00	190.00	0.00065	-11.00	190.00	0.00065
-9.00	190.00	0.00066	9.00	190.00	0.00068
11.00	190.00	0.00068	13.00	190.00	0.00068
15.00	190.00	0.00067	17.00	190.00	0.00067
20.00	190.00	0.00066	25.00	190.00	0.00065
30.00	190.00	0.00064	40.00	190.00	0.00061
50.00	190.00	0.00058	60.00	190.00	0.00054
70.00	190.00	0.00050	80.00	190.00	0.00046
90.00	190.00	0.00042	100.00	190.00	0.00038
-100.00	200.00	0.00019	-90.00	200.00	0.00023
-80.00	200.00	0.00027	-70.00	200.00	0.00031
-60.00	200.00	0.00037	-50.00	200.00	0.00042
-40.00	200.00	0.00047	-30.00	200.00	0.00052
-25.00	200.00	0.00054	-20.00	200.00	0.00056

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00058	-15.00	200.00	0.00058
-13.00	200.00	0.00059	-11.00	200.00	0.00059
-9.00	200.00	0.00060	9.00	200.00	0.00062
11.00	200.00	0.00061	13.00	200.00	0.00061
15.00	200.00	0.00061	17.00	200.00	0.00061
20.00	200.00	0.00060	25.00	200.00	0.00059
30.00	200.00	0.00058	40.00	200.00	0.00056
50.00	200.00	0.00053	60.00	200.00	0.00050
70.00	200.00	0.00047	80.00	200.00	0.00043

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	200.00	0.00039	100.00	200.00	0.00036
-100.00	210.00	0.00019	-90.00	210.00	0.00022
-80.00	210.00	0.00026	-70.00	210.00	0.00030
-60.00	210.00	0.00035	-50.00	210.00	0.00039
-40.00	210.00	0.00044	-30.00	210.00	0.00048
-25.00	210.00	0.00050	-20.00	210.00	0.00052
-17.00	210.00	0.00053	-15.00	210.00	0.00053
-13.00	210.00	0.00054	-11.00	210.00	0.00054
-9.00	210.00	0.00055	9.00	210.00	0.00056
11.00	210.00	0.00056	13.00	210.00	0.00056
15.00	210.00	0.00056	17.00	210.00	0.00055
20.00	210.00	0.00055	25.00	210.00	0.00054
30.00	210.00	0.00053	40.00	210.00	0.00051
50.00	210.00	0.00049	60.00	210.00	0.00047
70.00	210.00	0.00044	80.00	210.00	0.00041
90.00	210.00	0.00037	100.00	210.00	0.00034
-100.00	220.00	0.00019	-90.00	220.00	0.00022
-80.00	220.00	0.00025	-70.00	220.00	0.00029
-60.00	220.00	0.00033	-50.00	220.00	0.00037
-40.00	220.00	0.00041	-30.00	220.00	0.00045
-25.00	220.00	0.00046	-20.00	220.00	0.00048
-17.00	220.00	0.00048	-15.00	220.00	0.00049
-13.00	220.00	0.00049	-11.00	220.00	0.00050
-9.00	220.00	0.00050	9.00	220.00	0.00051
11.00	220.00	0.00051	13.00	220.00	0.00051
15.00	220.00	0.00051	17.00	220.00	0.00051
20.00	220.00	0.00050	25.00	220.00	0.00050
30.00	220.00	0.00049	40.00	220.00	0.00047
50.00	220.00	0.00046	60.00	220.00	0.00044
70.00	220.00	0.00041	80.00	220.00	0.00038
90.00	220.00	0.00036	100.00	220.00	0.00033

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

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

16:28:19  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00018	-90.00	230.00	0.00021
-80.00	230.00	0.00024	-70.00	230.00	0.00028
-60.00	230.00	0.00031	-50.00	230.00	0.00035

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	230.00	0.00038	-30.00	230.00	0.00041
-25.00	230.00	0.00043	-20.00	230.00	0.00044
-17.00	230.00	0.00045	-15.00	230.00	0.00045
-13.00	230.00	0.00045	-11.00	230.00	0.00046
-9.00	230.00	0.00046	9.00	230.00	0.00047
11.00	230.00	0.00047	13.00	230.00	0.00047
15.00	230.00	0.00047	17.00	230.00	0.00047
20.00	230.00	0.00046	25.00	230.00	0.00046
30.00	230.00	0.00045	40.00	230.00	0.00044
50.00	230.00	0.00042	60.00	230.00	0.00041
70.00	230.00	0.00039	80.00	230.00	0.00036
90.00	230.00	0.00034	100.00	230.00	0.00031
-100.00	240.00	0.00018	-90.00	240.00	0.00021
-80.00	240.00	0.00024	-70.00	240.00	0.00027
-60.00	240.00	0.00030	-50.00	240.00	0.00033
-40.00	240.00	0.00036	-30.00	240.00	0.00038
-25.00	240.00	0.00040	-20.00	240.00	0.00041
-17.00	240.00	0.00041	-15.00	240.00	0.00042
-13.00	240.00	0.00042	-11.00	240.00	0.00042
-9.00	240.00	0.00043	9.00	240.00	0.00044
11.00	240.00	0.00043	13.00	240.00	0.00043
15.00	240.00	0.00043	17.00	240.00	0.00043
20.00	240.00	0.00043	25.00	240.00	0.00042
30.00	240.00	0.00042	40.00	240.00	0.00041
50.00	240.00	0.00039	60.00	240.00	0.00038
70.00	240.00	0.00036	80.00	240.00	0.00034
90.00	240.00	0.00032	100.00	240.00	0.00030
-100.00	250.00	0.00018	-90.00	250.00	0.00020
-80.00	250.00	0.00023	-70.00	250.00	0.00026
-60.00	250.00	0.00028	-50.00	250.00	0.00031
-40.00	250.00	0.00033	-30.00	250.00	0.00036
-25.00	250.00	0.00037	-20.00	250.00	0.00038
-17.00	250.00	0.00038	-15.00	250.00	0.00039
-13.00	250.00	0.00039	-11.00	250.00	0.00039
-9.00	250.00	0.00039	9.00	250.00	0.00040
11.00	250.00	0.00040	13.00	250.00	0.00040
15.00	250.00	0.00040	17.00	250.00	0.00040

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

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

16:28:19

\*\*MODELOPTs:  
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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 ,

02NCRA\_NAPA95-300 DPM TRAV ANN N-S Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00040	25.00	250.00	0.00039
30.00	250.00	0.00039	40.00	250.00	0.00038
50.00	250.00	0.00037	60.00	250.00	0.00035
70.00	250.00	0.00034	80.00	250.00	0.00032
90.00	250.00	0.00030	100.00	250.00	0.00029

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

16:28:19  
 \*\*MODELOPTs:  
 PAGE 83  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00058	-90.00	-250.00	0.00061
-80.00	-250.00	0.00064	-70.00	-250.00	0.00067
-60.00	-250.00	0.00071	-50.00	-250.00	0.00074
-40.00	-250.00	0.00076	-30.00	-250.00	0.00075
-25.00	-250.00	0.00073	-20.00	-250.00	0.00070
-17.00	-250.00	0.00069	-15.00	-250.00	0.00067
-13.00	-250.00	0.00066	-11.00	-250.00	0.00065
-9.00	-250.00	0.00063	9.00	-250.00	0.00051
11.00	-250.00	0.00050	13.00	-250.00	0.00049
15.00	-250.00	0.00048	17.00	-250.00	0.00047
20.00	-250.00	0.00045	25.00	-250.00	0.00043
30.00	-250.00	0.00041	40.00	-250.00	0.00038
50.00	-250.00	0.00036	60.00	-250.00	0.00034
70.00	-250.00	0.00031	80.00	-250.00	0.00029
90.00	-250.00	0.00026	100.00	-250.00	0.00023
-100.00	-240.00	0.00064	-90.00	-240.00	0.00067
-80.00	-240.00	0.00070	-70.00	-240.00	0.00074
-60.00	-240.00	0.00078	-50.00	-240.00	0.00082
-40.00	-240.00	0.00085	-30.00	-240.00	0.00085
-25.00	-240.00	0.00083	-20.00	-240.00	0.00080
-17.00	-240.00	0.00078	-15.00	-240.00	0.00077
-13.00	-240.00	0.00075	-11.00	-240.00	0.00074
-9.00	-240.00	0.00072	9.00	-240.00	0.00057
11.00	-240.00	0.00056	13.00	-240.00	0.00054
15.00	-240.00	0.00053	17.00	-240.00	0.00052
20.00	-240.00	0.00050	25.00	-240.00	0.00048

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-240.00	0.00046	40.00	-240.00	0.00042
50.00	-240.00	0.00040	60.00	-240.00	0.00037
70.00	-240.00	0.00034	80.00	-240.00	0.00030
90.00	-240.00	0.00026	100.00	-240.00	0.00023
-100.00	-230.00	0.00069	-90.00	-230.00	0.00073
-80.00	-230.00	0.00077	-70.00	-230.00	0.00082
-60.00	-230.00	0.00086	-50.00	-230.00	0.00091
-40.00	-230.00	0.00096	-30.00	-230.00	0.00097
-25.00	-230.00	0.00095	-20.00	-230.00	0.00092
-17.00	-230.00	0.00090	-15.00	-230.00	0.00088
-13.00	-230.00	0.00086	-11.00	-230.00	0.00084
-9.00	-230.00	0.00082	9.00	-230.00	0.00064
11.00	-230.00	0.00062	13.00	-230.00	0.00061
15.00	-230.00	0.00059	17.00	-230.00	0.00058

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

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

16:28:19

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00056	25.00	-230.00	0.00053
30.00	-230.00	0.00051	40.00	-230.00	0.00047
50.00	-230.00	0.00044	60.00	-230.00	0.00040
70.00	-230.00	0.00036	80.00	-230.00	0.00031
90.00	-230.00	0.00027	100.00	-230.00	0.00023
-100.00	-220.00	0.00075	-90.00	-220.00	0.00080
-80.00	-220.00	0.00085	-70.00	-220.00	0.00091
-60.00	-220.00	0.00096	-50.00	-220.00	0.00102
-40.00	-220.00	0.00108	-30.00	-220.00	0.00111
-25.00	-220.00	0.00110	-20.00	-220.00	0.00107
-17.00	-220.00	0.00104	-15.00	-220.00	0.00102
-13.00	-220.00	0.00100	-11.00	-220.00	0.00098
-9.00	-220.00	0.00095	9.00	-220.00	0.00073
11.00	-220.00	0.00071	13.00	-220.00	0.00069
15.00	-220.00	0.00067	17.00	-220.00	0.00065
20.00	-220.00	0.00063	25.00	-220.00	0.00060
30.00	-220.00	0.00057	40.00	-220.00	0.00053
50.00	-220.00	0.00048	60.00	-220.00	0.00043
70.00	-220.00	0.00038	80.00	-220.00	0.00033
90.00	-220.00	0.00028	100.00	-220.00	0.00024

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-210.00	0.00082	-90.00	-210.00	0.00088
-80.00	-210.00	0.00094	-70.00	-210.00	0.00101
-60.00	-210.00	0.00108	-50.00	-210.00	0.00115
-40.00	-210.00	0.00122	-30.00	-210.00	0.00127
-25.00	-210.00	0.00127	-20.00	-210.00	0.00125
-17.00	-210.00	0.00122	-15.00	-210.00	0.00120
-13.00	-210.00	0.00117	-11.00	-210.00	0.00114
-9.00	-210.00	0.00111	9.00	-210.00	0.00083
11.00	-210.00	0.00081	13.00	-210.00	0.00078
15.00	-210.00	0.00076	17.00	-210.00	0.00074
20.00	-210.00	0.00071	25.00	-210.00	0.00068
30.00	-210.00	0.00064	40.00	-210.00	0.00059
50.00	-210.00	0.00053	60.00	-210.00	0.00046
70.00	-210.00	0.00040	80.00	-210.00	0.00034
90.00	-210.00	0.00028	100.00	-210.00	0.00024
-100.00	-200.00	0.00088	-90.00	-200.00	0.00096
-80.00	-200.00	0.00104	-70.00	-200.00	0.00113
-60.00	-200.00	0.00121	-50.00	-200.00	0.00130
-40.00	-200.00	0.00139	-30.00	-200.00	0.00146
-25.00	-200.00	0.00148	-20.00	-200.00	0.00147

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

16:28:19  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00144	-15.00	-200.00	0.00142
-13.00	-200.00	0.00139	-11.00	-200.00	0.00135
-9.00	-200.00	0.00131	9.00	-200.00	0.00096
11.00	-200.00	0.00092	13.00	-200.00	0.00090
15.00	-200.00	0.00087	17.00	-200.00	0.00085
20.00	-200.00	0.00081	25.00	-200.00	0.00077
30.00	-200.00	0.00073	40.00	-200.00	0.00066
50.00	-200.00	0.00058	60.00	-200.00	0.00049
70.00	-200.00	0.00041	80.00	-200.00	0.00034
90.00	-200.00	0.00028	100.00	-200.00	0.00024
-100.00	-190.00	0.00094	-90.00	-190.00	0.00104
-80.00	-190.00	0.00114	-70.00	-190.00	0.00125
-60.00	-190.00	0.00136	-50.00	-190.00	0.00148
-40.00	-190.00	0.00159	-30.00	-190.00	0.00169



02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	-190.00	0.00173	-20.00	-190.00	0.00174
-17.00	-190.00	0.00172	-15.00	-190.00	0.00169
-13.00	-190.00	0.00166	-11.00	-190.00	0.00162
-9.00	-190.00	0.00157	9.00	-190.00	0.00111
11.00	-190.00	0.00107	13.00	-190.00	0.00103
15.00	-190.00	0.00100	17.00	-190.00	0.00098
20.00	-190.00	0.00094	25.00	-190.00	0.00089
30.00	-190.00	0.00084	40.00	-190.00	0.00073
50.00	-190.00	0.00062	60.00	-190.00	0.00051
70.00	-190.00	0.00042	80.00	-190.00	0.00034
90.00	-190.00	0.00029	100.00	-190.00	0.00024
-100.00	-180.00	0.00100	-90.00	-180.00	0.00112
-80.00	-180.00	0.00125	-70.00	-180.00	0.00138
-60.00	-180.00	0.00153	-50.00	-180.00	0.00168
-40.00	-180.00	0.00183	-30.00	-180.00	0.00197
-25.00	-180.00	0.00203	-20.00	-180.00	0.00206
-17.00	-180.00	0.00206	-15.00	-180.00	0.00204
-13.00	-180.00	0.00201	-11.00	-180.00	0.00196
-9.00	-180.00	0.00191	9.00	-180.00	0.00130
11.00	-180.00	0.00125	13.00	-180.00	0.00121
15.00	-180.00	0.00117	17.00	-180.00	0.00113
20.00	-180.00	0.00109	25.00	-180.00	0.00102
30.00	-180.00	0.00095	40.00	-180.00	0.00080
50.00	-180.00	0.00065	60.00	-180.00	0.00053
70.00	-180.00	0.00043	80.00	-180.00	0.00035
90.00	-180.00	0.00029	100.00	-180.00	0.00025

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

04/20/08

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

16:28:19

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00106	-90.00	-170.00	0.00119
-80.00	-170.00	0.00135	-70.00	-170.00	0.00151
-60.00	-170.00	0.00170	-50.00	-170.00	0.00190
-40.00	-170.00	0.00211	-30.00	-170.00	0.00230
-25.00	-170.00	0.00238	-20.00	-170.00	0.00244
-17.00	-170.00	0.00246	-15.00	-170.00	0.00246
-13.00	-170.00	0.00244	-11.00	-170.00	0.00240
-9.00	-170.00	0.00235	9.00	-170.00	0.00153

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-170.00	0.00147	13.00	-170.00	0.00142
15.00	-170.00	0.00137	17.00	-170.00	0.00133
20.00	-170.00	0.00127	25.00	-170.00	0.00116
30.00	-170.00	0.00105	40.00	-170.00	0.00085
50.00	-170.00	0.00068	60.00	-170.00	0.00054
70.00	-170.00	0.00044	80.00	-170.00	0.00036
90.00	-170.00	0.00030	100.00	-170.00	0.00026
-100.00	-160.00	0.00110	-90.00	-160.00	0.00126
-80.00	-160.00	0.00144	-70.00	-160.00	0.00164
-60.00	-160.00	0.00187	-50.00	-160.00	0.00212
-40.00	-160.00	0.00241	-30.00	-160.00	0.00269
-25.00	-160.00	0.00281	-20.00	-160.00	0.00291
-17.00	-160.00	0.00295	-15.00	-160.00	0.00297
-13.00	-160.00	0.00297	-11.00	-160.00	0.00295
-9.00	-160.00	0.00290	9.00	-160.00	0.00182
11.00	-160.00	0.00174	13.00	-160.00	0.00167
15.00	-160.00	0.00161	17.00	-160.00	0.00154
20.00	-160.00	0.00144	25.00	-160.00	0.00128
30.00	-160.00	0.00113	40.00	-160.00	0.00089
50.00	-160.00	0.00070	60.00	-160.00	0.00056
70.00	-160.00	0.00046	80.00	-160.00	0.00038
90.00	-160.00	0.00032	100.00	-160.00	0.00027
-100.00	-150.00	0.00113	-90.00	-150.00	0.00130
-80.00	-150.00	0.00151	-70.00	-150.00	0.00174
-60.00	-150.00	0.00202	-50.00	-150.00	0.00234
-40.00	-150.00	0.00269	-30.00	-150.00	0.00308
-25.00	-150.00	0.00328	-20.00	-150.00	0.00345
-17.00	-150.00	0.00354	-15.00	-150.00	0.00359
-13.00	-150.00	0.00362	-11.00	-150.00	0.00363
-9.00	-150.00	0.00361	9.00	-150.00	0.00217
11.00	-150.00	0.00205	13.00	-150.00	0.00193
15.00	-150.00	0.00182	17.00	-150.00	0.00172

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

16:28:19  
 \*\*MODELOPTS:  
 PAGE 87  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00158	25.00	-150.00	0.00137
30.00	-150.00	0.00121	40.00	-150.00	0.00094

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-150.00	0.00074	60.00	-150.00	0.00059
70.00	-150.00	0.00048	80.00	-150.00	0.00039
90.00	-150.00	0.00033	100.00	-150.00	0.00028
-100.00	-140.00	0.00113	-90.00	-140.00	0.00132
-80.00	-140.00	0.00154	-70.00	-140.00	0.00180
-60.00	-140.00	0.00212	-50.00	-140.00	0.00249
-40.00	-140.00	0.00292	-30.00	-140.00	0.00341
-25.00	-140.00	0.00369	-20.00	-140.00	0.00398
-17.00	-140.00	0.00415	-15.00	-140.00	0.00426
-13.00	-140.00	0.00438	-11.00	-140.00	0.00450
-9.00	-140.00	0.00461	9.00	-140.00	0.00249
11.00	-140.00	0.00230	13.00	-140.00	0.00214
15.00	-140.00	0.00200	17.00	-140.00	0.00188
20.00	-140.00	0.00171	25.00	-140.00	0.00149
30.00	-140.00	0.00130	40.00	-140.00	0.00100
50.00	-140.00	0.00078	60.00	-140.00	0.00062
70.00	-140.00	0.00050	80.00	-140.00	0.00041
90.00	-140.00	0.00035	100.00	-140.00	0.00030
-100.00	-130.00	0.00112	-90.00	-130.00	0.00131
-80.00	-130.00	0.00154	-70.00	-130.00	0.00182
-60.00	-130.00	0.00216	-50.00	-130.00	0.00257
-40.00	-130.00	0.00304	-30.00	-130.00	0.00360
-25.00	-130.00	0.00392	-20.00	-130.00	0.00428
-17.00	-130.00	0.00451	-15.00	-130.00	0.00468
-13.00	-130.00	0.00486	-11.00	-130.00	0.00507
-9.00	-130.00	0.00533	9.00	-130.00	0.00304
11.00	-130.00	0.00273	13.00	-130.00	0.00250
15.00	-130.00	0.00231	17.00	-130.00	0.00214
20.00	-130.00	0.00194	25.00	-130.00	0.00166
30.00	-130.00	0.00143	40.00	-130.00	0.00108
50.00	-130.00	0.00083	60.00	-130.00	0.00065
70.00	-130.00	0.00053	80.00	-130.00	0.00044
90.00	-130.00	0.00037	100.00	-130.00	0.00032
-100.00	-120.00	0.00109	-90.00	-120.00	0.00127
-80.00	-120.00	0.00151	-70.00	-120.00	0.00179
-60.00	-120.00	0.00214	-50.00	-120.00	0.00256
-40.00	-120.00	0.00305	-30.00	-120.00	0.00361
-25.00	-120.00	0.00393	-20.00	-120.00	0.00429

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

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

16:28:19  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

02NCRA NAPA95-300\_DPM\_TRAV ANN N-S Bound  
 INCLUDING SOURCE(S) : NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00454	-15.00	-120.00	0.00472
-13.00	-120.00	0.00492	-11.00	-120.00	0.00518
-9.00	-120.00	0.00555	9.00	-120.00	0.00421
11.00	-120.00	0.00368	13.00	-120.00	0.00329
15.00	-120.00	0.00297	17.00	-120.00	0.00271
20.00	-120.00	0.00239	25.00	-120.00	0.00197
30.00	-120.00	0.00166	40.00	-120.00	0.00121
50.00	-120.00	0.00091	60.00	-120.00	0.00071
70.00	-120.00	0.00057	80.00	-120.00	0.00048
90.00	-120.00	0.00040	100.00	-120.00	0.00035
-100.00	-110.00	0.00104	-90.00	-110.00	0.00122
-80.00	-110.00	0.00144	-70.00	-110.00	0.00172
-60.00	-110.00	0.00206	-50.00	-110.00	0.00247
-40.00	-110.00	0.00295	-30.00	-110.00	0.00350
-25.00	-110.00	0.00381	-20.00	-110.00	0.00419
-17.00	-110.00	0.00448	-15.00	-110.00	0.00472
-13.00	-110.00	0.00502	-11.00	-110.00	0.00541
-9.00	-110.00	0.00597	9.00	-110.00	0.00523
11.00	-110.00	0.00459	13.00	-110.00	0.00409
15.00	-110.00	0.00368	17.00	-110.00	0.00333
20.00	-110.00	0.00290	25.00	-110.00	0.00235
30.00	-110.00	0.00194	40.00	-110.00	0.00137
50.00	-110.00	0.00102	60.00	-110.00	0.00079
70.00	-110.00	0.00064	80.00	-110.00	0.00052
90.00	-110.00	0.00044	100.00	-110.00	0.00038
-100.00	-100.00	0.00097	-90.00	-100.00	0.00114
-80.00	-100.00	0.00134	-70.00	-100.00	0.00160
-60.00	-100.00	0.00192	-50.00	-100.00	0.00231
-40.00	-100.00	0.00277	-30.00	-100.00	0.00331
-25.00	-100.00	0.00364	-20.00	-100.00	0.00408
-17.00	-100.00	0.00445	-15.00	-100.00	0.00477
-13.00	-100.00	0.00517	-11.00	-100.00	0.00568
-9.00	-100.00	0.00637	9.00	-100.00	0.00598
11.00	-100.00	0.00528	13.00	-100.00	0.00472
15.00	-100.00	0.00425	17.00	-100.00	0.00385
20.00	-100.00	0.00335	25.00	-100.00	0.00270
30.00	-100.00	0.00221	40.00	-100.00	0.00155
50.00	-100.00	0.00115	60.00	-100.00	0.00089
70.00	-100.00	0.00071	80.00	-100.00	0.00058
90.00	-100.00	0.00048	100.00	-100.00	0.00041

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:28:19

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00089	-90.00	-90.00	0.00104
-80.00	-90.00	0.00122	-70.00	-90.00	0.00145
-60.00	-90.00	0.00173	-50.00	-90.00	0.00208
-40.00	-90.00	0.00252	-30.00	-90.00	0.00308
-25.00	-90.00	0.00345	-20.00	-90.00	0.00396
-17.00	-90.00	0.00439	-15.00	-90.00	0.00477
-13.00	-90.00	0.00523	-11.00	-90.00	0.00582
-9.00	-90.00	0.00658	9.00	-90.00	0.00648
11.00	-90.00	0.00576	13.00	-90.00	0.00517
15.00	-90.00	0.00467	17.00	-90.00	0.00423
20.00	-90.00	0.00368	25.00	-90.00	0.00296
30.00	-90.00	0.00243	40.00	-90.00	0.00172
50.00	-90.00	0.00128	60.00	-90.00	0.00099
70.00	-90.00	0.00079	80.00	-90.00	0.00064
90.00	-90.00	0.00053	100.00	-90.00	0.00044
-100.00	-80.00	0.00080	-90.00	-80.00	0.00092
-80.00	-80.00	0.00108	-70.00	-80.00	0.00128
-60.00	-80.00	0.00152	-50.00	-80.00	0.00182
-40.00	-80.00	0.00222	-30.00	-80.00	0.00279
-25.00	-80.00	0.00320	-20.00	-80.00	0.00377
-17.00	-80.00	0.00424	-15.00	-80.00	0.00465
-13.00	-80.00	0.00515	-11.00	-80.00	0.00578
-9.00	-80.00	0.00658	9.00	-80.00	0.00677
11.00	-80.00	0.00604	13.00	-80.00	0.00544
15.00	-80.00	0.00493	17.00	-80.00	0.00448
20.00	-80.00	0.00390	25.00	-80.00	0.00317
30.00	-80.00	0.00262	40.00	-80.00	0.00189
50.00	-80.00	0.00141	60.00	-80.00	0.00109
70.00	-80.00	0.00086	80.00	-80.00	0.00069
90.00	-80.00	0.00057	100.00	-80.00	0.00047
-100.00	-70.00	0.00070	-90.00	-70.00	0.00080
-80.00	-70.00	0.00093	-70.00	-70.00	0.00109
-60.00	-70.00	0.00129	-50.00	-70.00	0.00155
-40.00	-70.00	0.00190	-30.00	-70.00	0.00244

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	-70.00	0.00286	-20.00	-70.00	0.00347
-17.00	-70.00	0.00397	-15.00	-70.00	0.00438
-13.00	-70.00	0.00489	-11.00	-70.00	0.00552
-9.00	-70.00	0.00634	9.00	-70.00	0.00688
11.00	-70.00	0.00614	13.00	-70.00	0.00555
15.00	-70.00	0.00505	17.00	-70.00	0.00461

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00406	25.00	-70.00	0.00333
30.00	-70.00	0.00279	40.00	-70.00	0.00203
50.00	-70.00	0.00153	60.00	-70.00	0.00117
70.00	-70.00	0.00092	80.00	-70.00	0.00074
90.00	-70.00	0.00061	100.00	-70.00	0.00050
-100.00	-60.00	0.00061	-90.00	-60.00	0.00069
-80.00	-60.00	0.00079	-70.00	-60.00	0.00091
-60.00	-60.00	0.00106	-50.00	-60.00	0.00127
-40.00	-60.00	0.00157	-30.00	-60.00	0.00207
-25.00	-60.00	0.00246	-20.00	-60.00	0.00304
-17.00	-60.00	0.00352	-15.00	-60.00	0.00393
-13.00	-60.00	0.00443	-11.00	-60.00	0.00505
-9.00	-60.00	0.00586	9.00	-60.00	0.00683
11.00	-60.00	0.00612	13.00	-60.00	0.00556
15.00	-60.00	0.00510	17.00	-60.00	0.00470
20.00	-60.00	0.00418	25.00	-60.00	0.00347
30.00	-60.00	0.00291	40.00	-60.00	0.00212
50.00	-60.00	0.00160	60.00	-60.00	0.00124
70.00	-60.00	0.00098	80.00	-60.00	0.00078
90.00	-60.00	0.00064	100.00	-60.00	0.00053
-100.00	-50.00	0.00053	-90.00	-50.00	0.00059
-80.00	-50.00	0.00066	-70.00	-50.00	0.00076
-60.00	-50.00	0.00088	-50.00	-50.00	0.00104
-40.00	-50.00	0.00129	-30.00	-50.00	0.00172
-25.00	-50.00	0.00206	-20.00	-50.00	0.00257
-17.00	-50.00	0.00299	-15.00	-50.00	0.00335
-13.00	-50.00	0.00378	-11.00	-50.00	0.00433
-9.00	-50.00	0.00504	9.00	-50.00	0.00673

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-50.00	0.00609	13.00	-50.00	0.00555
15.00	-50.00	0.00512	17.00	-50.00	0.00473
20.00	-50.00	0.00423	25.00	-50.00	0.00353
30.00	-50.00	0.00298	40.00	-50.00	0.00218
50.00	-50.00	0.00166	60.00	-50.00	0.00129
70.00	-50.00	0.00102	80.00	-50.00	0.00082
90.00	-50.00	0.00067	100.00	-50.00	0.00056
-100.00	-40.00	0.00045	-90.00	-40.00	0.00050
-80.00	-40.00	0.00056	-70.00	-40.00	0.00063
-60.00	-40.00	0.00073	-50.00	-40.00	0.00087
-40.00	-40.00	0.00109	-30.00	-40.00	0.00149
-25.00	-40.00	0.00181	-20.00	-40.00	0.00227

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

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

16:28:19

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00265	-15.00	-40.00	0.00296
-13.00	-40.00	0.00334	-11.00	-40.00	0.00381
-9.00	-40.00	0.00439	9.00	-40.00	0.00629
11.00	-40.00	0.00579	13.00	-40.00	0.00535
15.00	-40.00	0.00495	17.00	-40.00	0.00460
20.00	-40.00	0.00414	25.00	-40.00	0.00349
30.00	-40.00	0.00296	40.00	-40.00	0.00220
50.00	-40.00	0.00168	60.00	-40.00	0.00131
70.00	-40.00	0.00105	80.00	-40.00	0.00085
90.00	-40.00	0.00070	100.00	-40.00	0.00058
-100.00	-30.00	0.00038	-90.00	-30.00	0.00042
-80.00	-30.00	0.00047	-70.00	-30.00	0.00053
-60.00	-30.00	0.00061	-50.00	-30.00	0.00075
-40.00	-30.00	0.00097	-30.00	-30.00	0.00138
-25.00	-30.00	0.00171	-20.00	-30.00	0.00218
-17.00	-30.00	0.00257	-15.00	-30.00	0.00289
-13.00	-30.00	0.00326	-11.00	-30.00	0.00369
-9.00	-30.00	0.00417	9.00	-30.00	0.00515
11.00	-30.00	0.00489	13.00	-30.00	0.00462
15.00	-30.00	0.00436	17.00	-30.00	0.00411
20.00	-30.00	0.00376	25.00	-30.00	0.00325
30.00	-30.00	0.00281	40.00	-30.00	0.00214

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-30.00	0.00165	60.00	-30.00	0.00131
70.00	-30.00	0.00105	80.00	-30.00	0.00086
90.00	-30.00	0.00071	100.00	-30.00	0.00059
-100.00	-20.00	0.00033	-90.00	-20.00	0.00036
-80.00	-20.00	0.00040	-70.00	-20.00	0.00045
-60.00	-20.00	0.00054	-50.00	-20.00	0.00068
-40.00	-20.00	0.00092	-30.00	-20.00	0.00135
-25.00	-20.00	0.00169	-20.00	-20.00	0.00215
-17.00	-20.00	0.00250	-15.00	-20.00	0.00276
-13.00	-20.00	0.00305	-11.00	-20.00	0.00335
-9.00	-20.00	0.00365	9.00	-20.00	0.00413
11.00	-20.00	0.00399	13.00	-20.00	0.00383
15.00	-20.00	0.00367	17.00	-20.00	0.00351
20.00	-20.00	0.00327	25.00	-20.00	0.00290
30.00	-20.00	0.00257	40.00	-20.00	0.00201
50.00	-20.00	0.00159	60.00	-20.00	0.00127
70.00	-20.00	0.00104	80.00	-20.00	0.00086
90.00	-20.00	0.00071	100.00	-20.00	0.00060

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

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

16:28:19  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00028	-90.00	-10.00	0.00031
-80.00	-10.00	0.00035	-70.00	-10.00	0.00041
-60.00	-10.00	0.00050	-50.00	-10.00	0.00065
-40.00	-10.00	0.00091	-30.00	-10.00	0.00134
-25.00	-10.00	0.00165	-20.00	-10.00	0.00205
-17.00	-10.00	0.00232	-15.00	-10.00	0.00251
-13.00	-10.00	0.00270	-11.00	-10.00	0.00289
-9.00	-10.00	0.00306	9.00	-10.00	0.00334
11.00	-10.00	0.00325	13.00	-10.00	0.00316
15.00	-10.00	0.00307	17.00	-10.00	0.00297
20.00	-10.00	0.00281	25.00	-10.00	0.00254
30.00	-10.00	0.00229	40.00	-10.00	0.00185
50.00	-10.00	0.00149	60.00	-10.00	0.00122
70.00	-10.00	0.00100	80.00	-10.00	0.00084
90.00	-10.00	0.00071	100.00	-10.00	0.00060
-100.00	0.00	0.00025	-90.00	0.00	0.00028



02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	0.00	0.00032	-70.00	0.00	0.00039
-60.00	0.00	0.00049	-50.00	0.00	0.00064
-40.00	0.00	0.00090	-30.00	0.00	0.00130
-25.00	0.00	0.00157	-20.00	0.00	0.00188
-17.00	0.00	0.00207	-15.00	0.00	0.00220
-13.00	0.00	0.00233	-11.00	0.00	0.00245
-9.00	0.00	0.00255	9.00	0.00	0.00273
11.00	0.00	0.00268	13.00	0.00	0.00262
15.00	0.00	0.00256	17.00	0.00	0.00250
20.00	0.00	0.00240	25.00	0.00	0.00221
30.00	0.00	0.00202	40.00	0.00	0.00168
50.00	0.00	0.00139	60.00	0.00	0.00115
70.00	0.00	0.00096	80.00	0.00	0.00081
90.00	0.00	0.00069	100.00	0.00	0.00059
-100.00	10.00	0.00023	-90.00	10.00	0.00026
-80.00	10.00	0.00031	-70.00	10.00	0.00037
-60.00	10.00	0.00048	-50.00	10.00	0.00064
-40.00	10.00	0.00089	-30.00	10.00	0.00124
-25.00	10.00	0.00146	-20.00	10.00	0.00168
-17.00	10.00	0.00182	-15.00	10.00	0.00191
-13.00	10.00	0.00199	-11.00	10.00	0.00207
-9.00	10.00	0.00214	9.00	10.00	0.00227
11.00	10.00	0.00223	13.00	10.00	0.00220
15.00	10.00	0.00216	17.00	10.00	0.00211

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

16:28:19  
 \*\*MODELOPTs:  
 PAGE 93  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00205	25.00	10.00	0.00192
30.00	10.00	0.00179	40.00	10.00	0.00151
50.00	10.00	0.00127	60.00	10.00	0.00107
70.00	10.00	0.00091	80.00	10.00	0.00077
90.00	10.00	0.00066	100.00	10.00	0.00057
-100.00	20.00	0.00021	-90.00	20.00	0.00025
-80.00	20.00	0.00030	-70.00	20.00	0.00037
-60.00	20.00	0.00048	-50.00	20.00	0.00064
-40.00	20.00	0.00086	-30.00	20.00	0.00116
-25.00	20.00	0.00133	-20.00	20.00	0.00149

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	20.00	0.00159	-15.00	20.00	0.00165
-13.00	20.00	0.00171	-11.00	20.00	0.00177
-9.00	20.00	0.00181	9.00	20.00	0.00191
11.00	20.00	0.00188	13.00	20.00	0.00186
15.00	20.00	0.00183	17.00	20.00	0.00180
20.00	20.00	0.00176	25.00	20.00	0.00167
30.00	20.00	0.00157	40.00	20.00	0.00136
50.00	20.00	0.00117	60.00	20.00	0.00100
70.00	20.00	0.00086	80.00	20.00	0.00074
90.00	20.00	0.00064	100.00	20.00	0.00055
-100.00	30.00	0.00021	-90.00	30.00	0.00024
-80.00	30.00	0.00029	-70.00	30.00	0.00037
-60.00	30.00	0.00048	-50.00	30.00	0.00062
-40.00	30.00	0.00082	-30.00	30.00	0.00107
-25.00	30.00	0.00120	-20.00	30.00	0.00132
-17.00	30.00	0.00139	-15.00	30.00	0.00144
-13.00	30.00	0.00148	-11.00	30.00	0.00152
-9.00	30.00	0.00155	9.00	30.00	0.00162
11.00	30.00	0.00161	13.00	30.00	0.00159
15.00	30.00	0.00157	17.00	30.00	0.00155
20.00	30.00	0.00152	25.00	30.00	0.00145
30.00	30.00	0.00139	40.00	30.00	0.00123
50.00	30.00	0.00107	60.00	30.00	0.00092
70.00	30.00	0.00080	80.00	30.00	0.00070
90.00	30.00	0.00061	100.00	30.00	0.00053
-100.00	40.00	0.00020	-90.00	40.00	0.00024
-80.00	40.00	0.00029	-70.00	40.00	0.00037
-60.00	40.00	0.00047	-50.00	40.00	0.00061
-40.00	40.00	0.00078	-30.00	40.00	0.00098
-25.00	40.00	0.00108	-20.00	40.00	0.00117

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

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 \*\*MODELOPTs:  
 PAGE 94  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00122	-15.00	40.00	0.00126
-13.00	40.00	0.00129	-11.00	40.00	0.00132
-9.00	40.00	0.00134	9.00	40.00	0.00140
11.00	40.00	0.00139	13.00	40.00	0.00137

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	40.00	0.00136	17.00	40.00	0.00134
20.00	40.00	0.00132	25.00	40.00	0.00127
30.00	40.00	0.00122	40.00	40.00	0.00111
50.00	40.00	0.00098	60.00	40.00	0.00085
70.00	40.00	0.00075	80.00	40.00	0.00066
90.00	40.00	0.00058	100.00	40.00	0.00051
-100.00	50.00	0.00020	-90.00	50.00	0.00024
-80.00	50.00	0.00029	-70.00	50.00	0.00036
-60.00	50.00	0.00046	-50.00	50.00	0.00058
-40.00	50.00	0.00073	-30.00	50.00	0.00089
-25.00	50.00	0.00097	-20.00	50.00	0.00104
-17.00	50.00	0.00108	-15.00	50.00	0.00111
-13.00	50.00	0.00113	-11.00	50.00	0.00115
-9.00	50.00	0.00117	9.00	50.00	0.00121
11.00	50.00	0.00121	13.00	50.00	0.00120
15.00	50.00	0.00119	17.00	50.00	0.00117
20.00	50.00	0.00116	25.00	50.00	0.00112
30.00	50.00	0.00108	40.00	50.00	0.00100
50.00	50.00	0.00090	60.00	50.00	0.00079
70.00	50.00	0.00070	80.00	50.00	0.00062
90.00	50.00	0.00055	100.00	50.00	0.00049
-100.00	60.00	0.00020	-90.00	60.00	0.00024
-80.00	60.00	0.00029	-70.00	60.00	0.00036
-60.00	60.00	0.00045	-50.00	60.00	0.00056
-40.00	60.00	0.00068	-30.00	60.00	0.00081
-25.00	60.00	0.00087	-20.00	60.00	0.00093
-17.00	60.00	0.00096	-15.00	60.00	0.00098
-13.00	60.00	0.00100	-11.00	60.00	0.00101
-9.00	60.00	0.00103	9.00	60.00	0.00107
11.00	60.00	0.00106	13.00	60.00	0.00105
15.00	60.00	0.00104	17.00	60.00	0.00104
20.00	60.00	0.00102	25.00	60.00	0.00099
30.00	60.00	0.00097	40.00	60.00	0.00090
50.00	60.00	0.00082	60.00	60.00	0.00073
70.00	60.00	0.00065	80.00	60.00	0.00058
90.00	60.00	0.00052	100.00	60.00	0.00046

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00020	-90.00	70.00	0.00024
-80.00	70.00	0.00029	-70.00	70.00	0.00035
-60.00	70.00	0.00044	-50.00	70.00	0.00053
-40.00	70.00	0.00064	-30.00	70.00	0.00074
-25.00	70.00	0.00079	-20.00	70.00	0.00083
-17.00	70.00	0.00086	-15.00	70.00	0.00087
-13.00	70.00	0.00089	-11.00	70.00	0.00090
-9.00	70.00	0.00091	9.00	70.00	0.00094
11.00	70.00	0.00094	13.00	70.00	0.00093
15.00	70.00	0.00093	17.00	70.00	0.00092
20.00	70.00	0.00091	25.00	70.00	0.00089
30.00	70.00	0.00086	40.00	70.00	0.00081
50.00	70.00	0.00075	60.00	70.00	0.00068
70.00	70.00	0.00061	80.00	70.00	0.00054
90.00	70.00	0.00049	100.00	70.00	0.00044
-100.00	80.00	0.00020	-90.00	80.00	0.00024
-80.00	80.00	0.00028	-70.00	80.00	0.00035
-60.00	80.00	0.00042	-50.00	80.00	0.00050
-40.00	80.00	0.00059	-30.00	80.00	0.00067
-25.00	80.00	0.00071	-20.00	80.00	0.00075
-17.00	80.00	0.00077	-15.00	80.00	0.00078
-13.00	80.00	0.00079	-11.00	80.00	0.00081
-9.00	80.00	0.00081	9.00	80.00	0.00084
11.00	80.00	0.00084	13.00	80.00	0.00083
15.00	80.00	0.00083	17.00	80.00	0.00082
20.00	80.00	0.00081	25.00	80.00	0.00080
30.00	80.00	0.00078	40.00	80.00	0.00074
50.00	80.00	0.00069	60.00	80.00	0.00063
70.00	80.00	0.00057	80.00	80.00	0.00051
90.00	80.00	0.00046	100.00	80.00	0.00042
-100.00	90.00	0.00020	-90.00	90.00	0.00023
-80.00	90.00	0.00028	-70.00	90.00	0.00034
-60.00	90.00	0.00040	-50.00	90.00	0.00047
-40.00	90.00	0.00055	-30.00	90.00	0.00062
-25.00	90.00	0.00065	-20.00	90.00	0.00068
-17.00	90.00	0.00070	-15.00	90.00	0.00071
-13.00	90.00	0.00072	-11.00	90.00	0.00072
-9.00	90.00	0.00073	9.00	90.00	0.00075
11.00	90.00	0.00075	13.00	90.00	0.00075
15.00	90.00	0.00074	17.00	90.00	0.00074

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\*\*MODELOPTS:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00073	25.00	90.00	0.00072
30.00	90.00	0.00070	40.00	90.00	0.00067
50.00	90.00	0.00063	60.00	90.00	0.00059
70.00	90.00	0.00054	80.00	90.00	0.00048
90.00	90.00	0.00044	100.00	90.00	0.00040
-100.00	100.00	0.00019	-90.00	100.00	0.00023
-80.00	100.00	0.00027	-70.00	100.00	0.00033
-60.00	100.00	0.00038	-50.00	100.00	0.00045
-40.00	100.00	0.00051	-30.00	100.00	0.00057
-25.00	100.00	0.00059	-20.00	100.00	0.00062
-17.00	100.00	0.00063	-15.00	100.00	0.00064
-13.00	100.00	0.00065	-11.00	100.00	0.00065
-9.00	100.00	0.00066	9.00	100.00	0.00068
11.00	100.00	0.00068	13.00	100.00	0.00068
15.00	100.00	0.00067	17.00	100.00	0.00067
20.00	100.00	0.00066	25.00	100.00	0.00065
30.00	100.00	0.00064	40.00	100.00	0.00061
50.00	100.00	0.00058	60.00	100.00	0.00054
70.00	100.00	0.00050	80.00	100.00	0.00046
90.00	100.00	0.00042	100.00	100.00	0.00038
-100.00	110.00	0.00019	-90.00	110.00	0.00023
-80.00	110.00	0.00027	-70.00	110.00	0.00031
-60.00	110.00	0.00037	-50.00	110.00	0.00042
-40.00	110.00	0.00047	-30.00	110.00	0.00052
-25.00	110.00	0.00054	-20.00	110.00	0.00056
-17.00	110.00	0.00058	-15.00	110.00	0.00058
-13.00	110.00	0.00059	-11.00	110.00	0.00059
-9.00	110.00	0.00060	9.00	110.00	0.00062
11.00	110.00	0.00061	13.00	110.00	0.00061
15.00	110.00	0.00061	17.00	110.00	0.00061
20.00	110.00	0.00060	25.00	110.00	0.00059
30.00	110.00	0.00058	40.00	110.00	0.00056
50.00	110.00	0.00053	60.00	110.00	0.00050
70.00	110.00	0.00047	80.00	110.00	0.00043
90.00	110.00	0.00039	100.00	110.00	0.00036
-100.00	120.00	0.00019	-90.00	120.00	0.00022

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	120.00	0.00026	-70.00	120.00	0.00030
-60.00	120.00	0.00035	-50.00	120.00	0.00039
-40.00	120.00	0.00044	-30.00	120.00	0.00048
-25.00	120.00	0.00050	-20.00	120.00	0.00052

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00053	-15.00	120.00	0.00053
-13.00	120.00	0.00054	-11.00	120.00	0.00054
-9.00	120.00	0.00055	9.00	120.00	0.00056
11.00	120.00	0.00056	13.00	120.00	0.00056
15.00	120.00	0.00056	17.00	120.00	0.00055
20.00	120.00	0.00055	25.00	120.00	0.00054
30.00	120.00	0.00053	40.00	120.00	0.00051
50.00	120.00	0.00049	60.00	120.00	0.00047
70.00	120.00	0.00044	80.00	120.00	0.00041
90.00	120.00	0.00037	100.00	120.00	0.00034
-100.00	130.00	0.00019	-90.00	130.00	0.00022
-80.00	130.00	0.00025	-70.00	130.00	0.00029
-60.00	130.00	0.00033	-50.00	130.00	0.00037
-40.00	130.00	0.00041	-30.00	130.00	0.00045
-25.00	130.00	0.00046	-20.00	130.00	0.00048
-17.00	130.00	0.00048	-15.00	130.00	0.00049
-13.00	130.00	0.00049	-11.00	130.00	0.00050
-9.00	130.00	0.00050	9.00	130.00	0.00051
11.00	130.00	0.00051	13.00	130.00	0.00051
15.00	130.00	0.00051	17.00	130.00	0.00051
20.00	130.00	0.00050	25.00	130.00	0.00050
30.00	130.00	0.00049	40.00	130.00	0.00047
50.00	130.00	0.00046	60.00	130.00	0.00044
70.00	130.00	0.00041	80.00	130.00	0.00038
90.00	130.00	0.00036	100.00	130.00	0.00033
-100.00	140.00	0.00018	-90.00	140.00	0.00021
-80.00	140.00	0.00024	-70.00	140.00	0.00028
-60.00	140.00	0.00031	-50.00	140.00	0.00035
-40.00	140.00	0.00038	-30.00	140.00	0.00041
-25.00	140.00	0.00043	-20.00	140.00	0.00044

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	140.00	0.00045	-15.00	140.00	0.00045
-13.00	140.00	0.00045	-11.00	140.00	0.00046
-9.00	140.00	0.00046	9.00	140.00	0.00047
11.00	140.00	0.00047	13.00	140.00	0.00047
15.00	140.00	0.00047	17.00	140.00	0.00047
20.00	140.00	0.00046	25.00	140.00	0.00046
30.00	140.00	0.00045	40.00	140.00	0.00044
50.00	140.00	0.00042	60.00	140.00	0.00041
70.00	140.00	0.00039	80.00	140.00	0.00036
90.00	140.00	0.00034	100.00	140.00	0.00031

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00018	-90.00	150.00	0.00021
-80.00	150.00	0.00024	-70.00	150.00	0.00027
-60.00	150.00	0.00030	-50.00	150.00	0.00033
-40.00	150.00	0.00036	-30.00	150.00	0.00038
-25.00	150.00	0.00040	-20.00	150.00	0.00041
-17.00	150.00	0.00041	-15.00	150.00	0.00042
-13.00	150.00	0.00042	-11.00	150.00	0.00042
-9.00	150.00	0.00043	9.00	150.00	0.00044
11.00	150.00	0.00043	13.00	150.00	0.00043
15.00	150.00	0.00043	17.00	150.00	0.00043
20.00	150.00	0.00043	25.00	150.00	0.00042
30.00	150.00	0.00042	40.00	150.00	0.00041
50.00	150.00	0.00039	60.00	150.00	0.00038
70.00	150.00	0.00036	80.00	150.00	0.00034
90.00	150.00	0.00032	100.00	150.00	0.00030
-100.00	160.00	0.00018	-90.00	160.00	0.00020
-80.00	160.00	0.00023	-70.00	160.00	0.00026
-60.00	160.00	0.00028	-50.00	160.00	0.00031
-40.00	160.00	0.00033	-30.00	160.00	0.00036
-25.00	160.00	0.00037	-20.00	160.00	0.00038
-17.00	160.00	0.00038	-15.00	160.00	0.00039
-13.00	160.00	0.00039	-11.00	160.00	0.00039
-9.00	160.00	0.00039	9.00	160.00	0.00040
11.00	160.00	0.00040	13.00	160.00	0.00040

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	160.00	0.00040	17.00	160.00	0.00040
20.00	160.00	0.00040	25.00	160.00	0.00039
30.00	160.00	0.00039	40.00	160.00	0.00038
50.00	160.00	0.00037	60.00	160.00	0.00035
70.00	160.00	0.00034	80.00	160.00	0.00032
90.00	160.00	0.00030	100.00	160.00	0.00029
-100.00	170.00	0.00017	-90.00	170.00	0.00020
-80.00	170.00	0.00022	-70.00	170.00	0.00024
-60.00	170.00	0.00027	-50.00	170.00	0.00029
-40.00	170.00	0.00031	-30.00	170.00	0.00033
-25.00	170.00	0.00034	-20.00	170.00	0.00035
-17.00	170.00	0.00036	-15.00	170.00	0.00036
-13.00	170.00	0.00036	-11.00	170.00	0.00036
-9.00	170.00	0.00037	9.00	170.00	0.00037
11.00	170.00	0.00037	13.00	170.00	0.00037
15.00	170.00	0.00037	17.00	170.00	0.00037

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

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

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00037	25.00	170.00	0.00037
30.00	170.00	0.00036	40.00	170.00	0.00035
50.00	170.00	0.00034	60.00	170.00	0.00033
70.00	170.00	0.00032	80.00	170.00	0.00030
90.00	170.00	0.00029	100.00	170.00	0.00027
-100.00	180.00	0.00017	-90.00	180.00	0.00019
-80.00	180.00	0.00021	-70.00	180.00	0.00023
-60.00	180.00	0.00025	-50.00	180.00	0.00028
-40.00	180.00	0.00030	-30.00	180.00	0.00031
-25.00	180.00	0.00032	-20.00	180.00	0.00033
-17.00	180.00	0.00033	-15.00	180.00	0.00034
-13.00	180.00	0.00034	-11.00	180.00	0.00034
-9.00	180.00	0.00034	9.00	180.00	0.00035
11.00	180.00	0.00035	13.00	180.00	0.00035
15.00	180.00	0.00035	17.00	180.00	0.00035
20.00	180.00	0.00034	25.00	180.00	0.00034
30.00	180.00	0.00034	40.00	180.00	0.00033
50.00	180.00	0.00032	60.00	180.00	0.00031



02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S):              NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00029	-15.00	200.00	0.00029
-13.00	200.00	0.00030	-11.00	200.00	0.00030
-9.00	200.00	0.00030	9.00	200.00	0.00030
11.00	200.00	0.00030	13.00	200.00	0.00030
15.00	200.00	0.00030	17.00	200.00	0.00030
20.00	200.00	0.00030	25.00	200.00	0.00030
30.00	200.00	0.00030	40.00	200.00	0.00029
50.00	200.00	0.00028	60.00	200.00	0.00028
70.00	200.00	0.00027	80.00	200.00	0.00026
90.00	200.00	0.00025	100.00	200.00	0.00024
-100.00	210.00	0.00016	-90.00	210.00	0.00017
-80.00	210.00	0.00019	-70.00	210.00	0.00020

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	210.00	0.00022	-50.00	210.00	0.00023
-40.00	210.00	0.00025	-30.00	210.00	0.00026
-25.00	210.00	0.00027	-20.00	210.00	0.00027
-17.00	210.00	0.00027	-15.00	210.00	0.00028
-13.00	210.00	0.00028	-11.00	210.00	0.00028
-9.00	210.00	0.00028	9.00	210.00	0.00028
11.00	210.00	0.00028	13.00	210.00	0.00028
15.00	210.00	0.00028	17.00	210.00	0.00028
20.00	210.00	0.00028	25.00	210.00	0.00028
30.00	210.00	0.00028	40.00	210.00	0.00027
50.00	210.00	0.00027	60.00	210.00	0.00026
70.00	210.00	0.00025	80.00	210.00	0.00024
90.00	210.00	0.00024	100.00	210.00	0.00023
-100.00	220.00	0.00015	-90.00	220.00	0.00017
-80.00	220.00	0.00018	-70.00	220.00	0.00019
-60.00	220.00	0.00021	-50.00	220.00	0.00022
-40.00	220.00	0.00023	-30.00	220.00	0.00025
-25.00	220.00	0.00025	-20.00	220.00	0.00026
-17.00	220.00	0.00026	-15.00	220.00	0.00026
-13.00	220.00	0.00026	-11.00	220.00	0.00026
-9.00	220.00	0.00026	9.00	220.00	0.00027
11.00	220.00	0.00027	13.00	220.00	0.00027
15.00	220.00	0.00027	17.00	220.00	0.00027
20.00	220.00	0.00027	25.00	220.00	0.00026
30.00	220.00	0.00026	40.00	220.00	0.00026
50.00	220.00	0.00025	60.00	220.00	0.00025
70.00	220.00	0.00024	80.00	220.00	0.00023
90.00	220.00	0.00022	100.00	220.00	0.00022

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

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

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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	230.00	0.00015	-90.00	230.00	0.00016
-80.00	230.00	0.00017	-70.00	230.00	0.00019
-60.00	230.00	0.00020	-50.00	230.00	0.00021
-40.00	230.00	0.00022	-30.00	230.00	0.00023
-25.00	230.00	0.00024	-20.00	230.00	0.00024
-17.00	230.00	0.00024	-15.00	230.00	0.00024

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	230.00	0.00025	-11.00	230.00	0.00025
-9.00	230.00	0.00025	9.00	230.00	0.00025
11.00	230.00	0.00025	13.00	230.00	0.00025
15.00	230.00	0.00025	17.00	230.00	0.00025
20.00	230.00	0.00025	25.00	230.00	0.00025
30.00	230.00	0.00025	40.00	230.00	0.00024
50.00	230.00	0.00024	60.00	230.00	0.00023
70.00	230.00	0.00023	80.00	230.00	0.00022
90.00	230.00	0.00021	100.00	230.00	0.00021
-100.00	240.00	0.00014	-90.00	240.00	0.00015
-80.00	240.00	0.00017	-70.00	240.00	0.00018
-60.00	240.00	0.00019	-50.00	240.00	0.00020
-40.00	240.00	0.00021	-30.00	240.00	0.00022
-25.00	240.00	0.00022	-20.00	240.00	0.00023
-17.00	240.00	0.00023	-15.00	240.00	0.00023
-13.00	240.00	0.00023	-11.00	240.00	0.00023
-9.00	240.00	0.00023	9.00	240.00	0.00024
11.00	240.00	0.00024	13.00	240.00	0.00024
15.00	240.00	0.00024	17.00	240.00	0.00024
20.00	240.00	0.00024	25.00	240.00	0.00024
30.00	240.00	0.00023	40.00	240.00	0.00023
50.00	240.00	0.00022	60.00	240.00	0.00022
70.00	240.00	0.00021	80.00	240.00	0.00021
90.00	240.00	0.00020	100.00	240.00	0.00020
-100.00	250.00	0.00014	-90.00	250.00	0.00015
-80.00	250.00	0.00016	-70.00	250.00	0.00017
-60.00	250.00	0.00018	-50.00	250.00	0.00019
-40.00	250.00	0.00020	-30.00	250.00	0.00021
-25.00	250.00	0.00021	-20.00	250.00	0.00022
-17.00	250.00	0.00022	-15.00	250.00	0.00022
-13.00	250.00	0.00022	-11.00	250.00	0.00022
-9.00	250.00	0.00022	9.00	250.00	0.00023
11.00	250.00	0.00022	13.00	250.00	0.00022
15.00	250.00	0.00022	17.00	250.00	0.00022

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

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

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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
-----	-----	-----	-----	-----	-----

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

16:28:19

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00110	-90.00	-250.00	0.00126
-80.00	-250.00	0.00144	-70.00	-250.00	0.00164
-60.00	-250.00	0.00187	-50.00	-250.00	0.00212
-40.00	-250.00	0.00241	-30.00	-250.00	0.00269
-25.00	-250.00	0.00281	-20.00	-250.00	0.00291
-17.00	-250.00	0.00295	-15.00	-250.00	0.00297
-13.00	-250.00	0.00297	-11.00	-250.00	0.00295
-9.00	-250.00	0.00290	9.00	-250.00	0.00182
11.00	-250.00	0.00174	13.00	-250.00	0.00167
15.00	-250.00	0.00161	17.00	-250.00	0.00154
20.00	-250.00	0.00144	25.00	-250.00	0.00128
30.00	-250.00	0.00113	40.00	-250.00	0.00089
50.00	-250.00	0.00070	60.00	-250.00	0.00056
70.00	-250.00	0.00046	80.00	-250.00	0.00038
90.00	-250.00	0.00032	100.00	-250.00	0.00027
-100.00	-240.00	0.00113	-90.00	-240.00	0.00130
-80.00	-240.00	0.00151	-70.00	-240.00	0.00174
-60.00	-240.00	0.00202	-50.00	-240.00	0.00234
-40.00	-240.00	0.00269	-30.00	-240.00	0.00308
-25.00	-240.00	0.00328	-20.00	-240.00	0.00345
-17.00	-240.00	0.00354	-15.00	-240.00	0.00359
-13.00	-240.00	0.00362	-11.00	-240.00	0.00363
-9.00	-240.00	0.00361	9.00	-240.00	0.00217
11.00	-240.00	0.00205	13.00	-240.00	0.00193
15.00	-240.00	0.00182	17.00	-240.00	0.00172
20.00	-240.00	0.00158	25.00	-240.00	0.00137
30.00	-240.00	0.00121	40.00	-240.00	0.00094
50.00	-240.00	0.00074	60.00	-240.00	0.00059
70.00	-240.00	0.00048	80.00	-240.00	0.00039

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-240.00	0.00033	100.00	-240.00	0.00028
-100.00	-230.00	0.00113	-90.00	-230.00	0.00132
-80.00	-230.00	0.00154	-70.00	-230.00	0.00180
-60.00	-230.00	0.00212	-50.00	-230.00	0.00249
-40.00	-230.00	0.00292	-30.00	-230.00	0.00341
-25.00	-230.00	0.00369	-20.00	-230.00	0.00398
-17.00	-230.00	0.00415	-15.00	-230.00	0.00426
-13.00	-230.00	0.00438	-11.00	-230.00	0.00450
-9.00	-230.00	0.00461	9.00	-230.00	0.00249
11.00	-230.00	0.00230	13.00	-230.00	0.00214
15.00	-230.00	0.00200	17.00	-230.00	0.00188

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

16:28:19  
 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00171	25.00	-230.00	0.00149
30.00	-230.00	0.00130	40.00	-230.00	0.00100
50.00	-230.00	0.00078	60.00	-230.00	0.00062
70.00	-230.00	0.00050	80.00	-230.00	0.00041
90.00	-230.00	0.00035	100.00	-230.00	0.00030
-100.00	-220.00	0.00112	-90.00	-220.00	0.00131
-80.00	-220.00	0.00154	-70.00	-220.00	0.00182
-60.00	-220.00	0.00216	-50.00	-220.00	0.00257
-40.00	-220.00	0.00304	-30.00	-220.00	0.00360
-25.00	-220.00	0.00392	-20.00	-220.00	0.00428
-17.00	-220.00	0.00451	-15.00	-220.00	0.00468
-13.00	-220.00	0.00486	-11.00	-220.00	0.00507
-9.00	-220.00	0.00533	9.00	-220.00	0.00304
11.00	-220.00	0.00273	13.00	-220.00	0.00250
15.00	-220.00	0.00231	17.00	-220.00	0.00214
20.00	-220.00	0.00194	25.00	-220.00	0.00166
30.00	-220.00	0.00143	40.00	-220.00	0.00108
50.00	-220.00	0.00083	60.00	-220.00	0.00065
70.00	-220.00	0.00053	80.00	-220.00	0.00044
90.00	-220.00	0.00037	100.00	-220.00	0.00032
-100.00	-210.00	0.00109	-90.00	-210.00	0.00127
-80.00	-210.00	0.00151	-70.00	-210.00	0.00179
-60.00	-210.00	0.00214	-50.00	-210.00	0.00256

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-210.00	0.00305	-30.00	-210.00	0.00361
-25.00	-210.00	0.00393	-20.00	-210.00	0.00429
-17.00	-210.00	0.00454	-15.00	-210.00	0.00472
-13.00	-210.00	0.00492	-11.00	-210.00	0.00518
-9.00	-210.00	0.00555	9.00	-210.00	0.00421
11.00	-210.00	0.00368	13.00	-210.00	0.00329
15.00	-210.00	0.00297	17.00	-210.00	0.00271
20.00	-210.00	0.00239	25.00	-210.00	0.00197
30.00	-210.00	0.00166	40.00	-210.00	0.00121
50.00	-210.00	0.00091	60.00	-210.00	0.00071
70.00	-210.00	0.00057	80.00	-210.00	0.00048
90.00	-210.00	0.00040	100.00	-210.00	0.00035
-100.00	-200.00	0.00104	-90.00	-200.00	0.00122
-80.00	-200.00	0.00144	-70.00	-200.00	0.00172
-60.00	-200.00	0.00206	-50.00	-200.00	0.00247
-40.00	-200.00	0.00295	-30.00	-200.00	0.00350
-25.00	-200.00	0.00381	-20.00	-200.00	0.00419

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

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

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00448	-15.00	-200.00	0.00472
-13.00	-200.00	0.00502	-11.00	-200.00	0.00541
-9.00	-200.00	0.00597	9.00	-200.00	0.00523
11.00	-200.00	0.00459	13.00	-200.00	0.00409
15.00	-200.00	0.00368	17.00	-200.00	0.00333
20.00	-200.00	0.00290	25.00	-200.00	0.00235
30.00	-200.00	0.00194	40.00	-200.00	0.00137
50.00	-200.00	0.00102	60.00	-200.00	0.00079
70.00	-200.00	0.00064	80.00	-200.00	0.00052
90.00	-200.00	0.00044	100.00	-200.00	0.00038
-100.00	-190.00	0.00097	-90.00	-190.00	0.00114
-80.00	-190.00	0.00134	-70.00	-190.00	0.00160
-60.00	-190.00	0.00192	-50.00	-190.00	0.00231
-40.00	-190.00	0.00277	-30.00	-190.00	0.00331
-25.00	-190.00	0.00364	-20.00	-190.00	0.00408
-17.00	-190.00	0.00445	-15.00	-190.00	0.00477
-13.00	-190.00	0.00517	-11.00	-190.00	0.00568

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-190.00	0.00637	9.00	-190.00	0.00598
11.00	-190.00	0.00528	13.00	-190.00	0.00472
15.00	-190.00	0.00425	17.00	-190.00	0.00385
20.00	-190.00	0.00335	25.00	-190.00	0.00270
30.00	-190.00	0.00221	40.00	-190.00	0.00155
50.00	-190.00	0.00115	60.00	-190.00	0.00089
70.00	-190.00	0.00071	80.00	-190.00	0.00058
90.00	-190.00	0.00048	100.00	-190.00	0.00041
-100.00	-180.00	0.00089	-90.00	-180.00	0.00104
-80.00	-180.00	0.00122	-70.00	-180.00	0.00145
-60.00	-180.00	0.00173	-50.00	-180.00	0.00208
-40.00	-180.00	0.00252	-30.00	-180.00	0.00308
-25.00	-180.00	0.00345	-20.00	-180.00	0.00396
-17.00	-180.00	0.00439	-15.00	-180.00	0.00477
-13.00	-180.00	0.00523	-11.00	-180.00	0.00582
-9.00	-180.00	0.00658	9.00	-180.00	0.00648
11.00	-180.00	0.00576	13.00	-180.00	0.00517
15.00	-180.00	0.00467	17.00	-180.00	0.00423
20.00	-180.00	0.00368	25.00	-180.00	0.00296
30.00	-180.00	0.00243	40.00	-180.00	0.00172
50.00	-180.00	0.00128	60.00	-180.00	0.00099
70.00	-180.00	0.00079	80.00	-180.00	0.00064
90.00	-180.00	0.00053	100.00	-180.00	0.00044

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

16:28:19  
 \*\*MODELOPTS:  
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00080	-90.00	-170.00	0.00092
-80.00	-170.00	0.00108	-70.00	-170.00	0.00128
-60.00	-170.00	0.00152	-50.00	-170.00	0.00182
-40.00	-170.00	0.00222	-30.00	-170.00	0.00279
-25.00	-170.00	0.00320	-20.00	-170.00	0.00377
-17.00	-170.00	0.00424	-15.00	-170.00	0.00465
-13.00	-170.00	0.00515	-11.00	-170.00	0.00578
-9.00	-170.00	0.00658	9.00	-170.00	0.00677
11.00	-170.00	0.00604	13.00	-170.00	0.00544
15.00	-170.00	0.00493	17.00	-170.00	0.00448
20.00	-170.00	0.00390	25.00	-170.00	0.00317

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-170.00	0.00262	40.00	-170.00	0.00189
50.00	-170.00	0.00141	60.00	-170.00	0.00109
70.00	-170.00	0.00086	80.00	-170.00	0.00069
90.00	-170.00	0.00057	100.00	-170.00	0.00047
-100.00	-160.00	0.00070	-90.00	-160.00	0.00080
-80.00	-160.00	0.00093	-70.00	-160.00	0.00109
-60.00	-160.00	0.00129	-50.00	-160.00	0.00155
-40.00	-160.00	0.00190	-30.00	-160.00	0.00244
-25.00	-160.00	0.00286	-20.00	-160.00	0.00347
-17.00	-160.00	0.00397	-15.00	-160.00	0.00438
-13.00	-160.00	0.00489	-11.00	-160.00	0.00552
-9.00	-160.00	0.00634	9.00	-160.00	0.00688
11.00	-160.00	0.00614	13.00	-160.00	0.00555
15.00	-160.00	0.00505	17.00	-160.00	0.00461
20.00	-160.00	0.00406	25.00	-160.00	0.00333
30.00	-160.00	0.00279	40.00	-160.00	0.00203
50.00	-160.00	0.00153	60.00	-160.00	0.00117
70.00	-160.00	0.00092	80.00	-160.00	0.00074
90.00	-160.00	0.00061	100.00	-160.00	0.00050
-100.00	-150.00	0.00061	-90.00	-150.00	0.00069
-80.00	-150.00	0.00079	-70.00	-150.00	0.00091
-60.00	-150.00	0.00106	-50.00	-150.00	0.00127
-40.00	-150.00	0.00157	-30.00	-150.00	0.00207
-25.00	-150.00	0.00246	-20.00	-150.00	0.00304
-17.00	-150.00	0.00352	-15.00	-150.00	0.00393
-13.00	-150.00	0.00443	-11.00	-150.00	0.00505
-9.00	-150.00	0.00586	9.00	-150.00	0.00683
11.00	-150.00	0.00612	13.00	-150.00	0.00556
15.00	-150.00	0.00510	17.00	-150.00	0.00470

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

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

16:28:19  
 \*\*MODELOPTs:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00418	25.00	-150.00	0.00347
30.00	-150.00	0.00291	40.00	-150.00	0.00212
50.00	-150.00	0.00160	60.00	-150.00	0.00124
70.00	-150.00	0.00098	80.00	-150.00	0.00078
90.00	-150.00	0.00064	100.00	-150.00	0.00053



02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-140.00	0.00053	-90.00	-140.00	0.00059
-80.00	-140.00	0.00066	-70.00	-140.00	0.00076
-60.00	-140.00	0.00088	-50.00	-140.00	0.00104
-40.00	-140.00	0.00129	-30.00	-140.00	0.00172
-25.00	-140.00	0.00206	-20.00	-140.00	0.00257
-17.00	-140.00	0.00299	-15.00	-140.00	0.00335
-13.00	-140.00	0.00378	-11.00	-140.00	0.00433
-9.00	-140.00	0.00504	9.00	-140.00	0.00673
11.00	-140.00	0.00609	13.00	-140.00	0.00555
15.00	-140.00	0.00512	17.00	-140.00	0.00473
20.00	-140.00	0.00423	25.00	-140.00	0.00353
30.00	-140.00	0.00298	40.00	-140.00	0.00218
50.00	-140.00	0.00166	60.00	-140.00	0.00129
70.00	-140.00	0.00102	80.00	-140.00	0.00082
90.00	-140.00	0.00067	100.00	-140.00	0.00056
-100.00	-130.00	0.00045	-90.00	-130.00	0.00050
-80.00	-130.00	0.00056	-70.00	-130.00	0.00063
-60.00	-130.00	0.00073	-50.00	-130.00	0.00087
-40.00	-130.00	0.00109	-30.00	-130.00	0.00149
-25.00	-130.00	0.00181	-20.00	-130.00	0.00227
-17.00	-130.00	0.00265	-15.00	-130.00	0.00296
-13.00	-130.00	0.00334	-11.00	-130.00	0.00381
-9.00	-130.00	0.00439	9.00	-130.00	0.00629
11.00	-130.00	0.00579	13.00	-130.00	0.00535
15.00	-130.00	0.00495	17.00	-130.00	0.00460
20.00	-130.00	0.00414	25.00	-130.00	0.00349
30.00	-130.00	0.00296	40.00	-130.00	0.00220
50.00	-130.00	0.00168	60.00	-130.00	0.00131
70.00	-130.00	0.00105	80.00	-130.00	0.00085
90.00	-130.00	0.00070	100.00	-130.00	0.00058
-100.00	-120.00	0.00038	-90.00	-120.00	0.00042
-80.00	-120.00	0.00047	-70.00	-120.00	0.00053
-60.00	-120.00	0.00061	-50.00	-120.00	0.00075
-40.00	-120.00	0.00097	-30.00	-120.00	0.00138
-25.00	-120.00	0.00171	-20.00	-120.00	0.00218

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
 16:28:19  
 \*\*MODELOPTs:  
 PAGE 108  
 CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*  
 INCLUDING SOURCE(S):      NCRA\_S5 ,  
                                  \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*  
                                  \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3      \*\*

		02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00257	-15.00	-120.00	0.00289
-13.00	-120.00	0.00326	-11.00	-120.00	0.00369
-9.00	-120.00	0.00417	9.00	-120.00	0.00515
11.00	-120.00	0.00489	13.00	-120.00	0.00462
15.00	-120.00	0.00436	17.00	-120.00	0.00411
20.00	-120.00	0.00376	25.00	-120.00	0.00325
30.00	-120.00	0.00281	40.00	-120.00	0.00214
50.00	-120.00	0.00165	60.00	-120.00	0.00131
70.00	-120.00	0.00105	80.00	-120.00	0.00086
90.00	-120.00	0.00071	100.00	-120.00	0.00059
-100.00	-110.00	0.00033	-90.00	-110.00	0.00036
-80.00	-110.00	0.00040	-70.00	-110.00	0.00045
-60.00	-110.00	0.00054	-50.00	-110.00	0.00068
-40.00	-110.00	0.00092	-30.00	-110.00	0.00135
-25.00	-110.00	0.00169	-20.00	-110.00	0.00215
-17.00	-110.00	0.00250	-15.00	-110.00	0.00276
-13.00	-110.00	0.00305	-11.00	-110.00	0.00335
-9.00	-110.00	0.00365	9.00	-110.00	0.00413
11.00	-110.00	0.00399	13.00	-110.00	0.00383
15.00	-110.00	0.00367	17.00	-110.00	0.00351
20.00	-110.00	0.00327	25.00	-110.00	0.00290
30.00	-110.00	0.00257	40.00	-110.00	0.00201
50.00	-110.00	0.00159	60.00	-110.00	0.00127
70.00	-110.00	0.00104	80.00	-110.00	0.00086
90.00	-110.00	0.00071	100.00	-110.00	0.00060
-100.00	-100.00	0.00028	-90.00	-100.00	0.00031
-80.00	-100.00	0.00035	-70.00	-100.00	0.00041
-60.00	-100.00	0.00050	-50.00	-100.00	0.00065
-40.00	-100.00	0.00091	-30.00	-100.00	0.00134
-25.00	-100.00	0.00165	-20.00	-100.00	0.00205
-17.00	-100.00	0.00232	-15.00	-100.00	0.00251
-13.00	-100.00	0.00270	-11.00	-100.00	0.00289
-9.00	-100.00	0.00306	9.00	-100.00	0.00334
11.00	-100.00	0.00325	13.00	-100.00	0.00316
15.00	-100.00	0.00307	17.00	-100.00	0.00297
20.00	-100.00	0.00281	25.00	-100.00	0.00254
30.00	-100.00	0.00229	40.00	-100.00	0.00185
50.00	-100.00	0.00149	60.00	-100.00	0.00122
70.00	-100.00	0.00100	80.00	-100.00	0.00084
90.00	-100.00	0.00071	100.00	-100.00	0.00060

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:28:19  
\*\*MODELOPTS:

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00025	-90.00	-90.00	0.00028
-80.00	-90.00	0.00032	-70.00	-90.00	0.00039
-60.00	-90.00	0.00049	-50.00	-90.00	0.00064
-40.00	-90.00	0.00090	-30.00	-90.00	0.00130
-25.00	-90.00	0.00157	-20.00	-90.00	0.00188
-17.00	-90.00	0.00207	-15.00	-90.00	0.00220
-13.00	-90.00	0.00233	-11.00	-90.00	0.00245
-9.00	-90.00	0.00255	9.00	-90.00	0.00273
11.00	-90.00	0.00268	13.00	-90.00	0.00262
15.00	-90.00	0.00256	17.00	-90.00	0.00250
20.00	-90.00	0.00240	25.00	-90.00	0.00221
30.00	-90.00	0.00202	40.00	-90.00	0.00168
50.00	-90.00	0.00139	60.00	-90.00	0.00115
70.00	-90.00	0.00096	80.00	-90.00	0.00081
90.00	-90.00	0.00069	100.00	-90.00	0.00059
-100.00	-80.00	0.00023	-90.00	-80.00	0.00026
-80.00	-80.00	0.00031	-70.00	-80.00	0.00037
-60.00	-80.00	0.00048	-50.00	-80.00	0.00064
-40.00	-80.00	0.00089	-30.00	-80.00	0.00124
-25.00	-80.00	0.00146	-20.00	-80.00	0.00168
-17.00	-80.00	0.00182	-15.00	-80.00	0.00191
-13.00	-80.00	0.00199	-11.00	-80.00	0.00207
-9.00	-80.00	0.00214	9.00	-80.00	0.00227
11.00	-80.00	0.00223	13.00	-80.00	0.00220
15.00	-80.00	0.00216	17.00	-80.00	0.00211
20.00	-80.00	0.00205	25.00	-80.00	0.00192
30.00	-80.00	0.00179	40.00	-80.00	0.00151
50.00	-80.00	0.00127	60.00	-80.00	0.00107
70.00	-80.00	0.00091	80.00	-80.00	0.00077
90.00	-80.00	0.00066	100.00	-80.00	0.00057
-100.00	-70.00	0.00021	-90.00	-70.00	0.00025
-80.00	-70.00	0.00030	-70.00	-70.00	0.00037
-60.00	-70.00	0.00048	-50.00	-70.00	0.00064
-40.00	-70.00	0.00086	-30.00	-70.00	0.00116
-25.00	-70.00	0.00133	-20.00	-70.00	0.00149
-17.00	-70.00	0.00159	-15.00	-70.00	0.00165
-13.00	-70.00	0.00171	-11.00	-70.00	0.00177

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-70.00	0.00181	9.00	-70.00	0.00191
11.00	-70.00	0.00188	13.00	-70.00	0.00186
15.00	-70.00	0.00183	17.00	-70.00	0.00180

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

16:28:19  
 \*\*MODELOPTs:  
 PAGE 110

CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00176	25.00	-70.00	0.00167
30.00	-70.00	0.00157	40.00	-70.00	0.00136
50.00	-70.00	0.00117	60.00	-70.00	0.00100
70.00	-70.00	0.00086	80.00	-70.00	0.00074
90.00	-70.00	0.00064	100.00	-70.00	0.00055
-100.00	-60.00	0.00021	-90.00	-60.00	0.00024
-80.00	-60.00	0.00029	-70.00	-60.00	0.00037
-60.00	-60.00	0.00048	-50.00	-60.00	0.00062
-40.00	-60.00	0.00082	-30.00	-60.00	0.00107
-25.00	-60.00	0.00120	-20.00	-60.00	0.00132
-17.00	-60.00	0.00139	-15.00	-60.00	0.00144
-13.00	-60.00	0.00148	-11.00	-60.00	0.00152
-9.00	-60.00	0.00155	9.00	-60.00	0.00162
11.00	-60.00	0.00161	13.00	-60.00	0.00159
15.00	-60.00	0.00157	17.00	-60.00	0.00155
20.00	-60.00	0.00152	25.00	-60.00	0.00145
30.00	-60.00	0.00139	40.00	-60.00	0.00123
50.00	-60.00	0.00107	60.00	-60.00	0.00092
70.00	-60.00	0.00080	80.00	-60.00	0.00070
90.00	-60.00	0.00061	100.00	-60.00	0.00053
-100.00	-50.00	0.00020	-90.00	-50.00	0.00024
-80.00	-50.00	0.00029	-70.00	-50.00	0.00037
-60.00	-50.00	0.00047	-50.00	-50.00	0.00061
-40.00	-50.00	0.00078	-30.00	-50.00	0.00098
-25.00	-50.00	0.00108	-20.00	-50.00	0.00117
-17.00	-50.00	0.00122	-15.00	-50.00	0.00126
-13.00	-50.00	0.00129	-11.00	-50.00	0.00132
-9.00	-50.00	0.00134	9.00	-50.00	0.00140
11.00	-50.00	0.00139	13.00	-50.00	0.00137
15.00	-50.00	0.00136	17.00	-50.00	0.00134
20.00	-50.00	0.00132	25.00	-50.00	0.00127

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-50.00	0.00122	40.00	-50.00	0.00111
50.00	-50.00	0.00098	60.00	-50.00	0.00085
70.00	-50.00	0.00075	80.00	-50.00	0.00066
90.00	-50.00	0.00058	100.00	-50.00	0.00051
-100.00	-40.00	0.00020	-90.00	-40.00	0.00024
-80.00	-40.00	0.00029	-70.00	-40.00	0.00036
-60.00	-40.00	0.00046	-50.00	-40.00	0.00058
-40.00	-40.00	0.00073	-30.00	-40.00	0.00089
-25.00	-40.00	0.00097	-20.00	-40.00	0.00104

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

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

16:28:19

\*\*MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00108	-15.00	-40.00	0.00111
-13.00	-40.00	0.00113	-11.00	-40.00	0.00115
-9.00	-40.00	0.00117	9.00	-40.00	0.00121
11.00	-40.00	0.00121	13.00	-40.00	0.00120
15.00	-40.00	0.00119	17.00	-40.00	0.00117
20.00	-40.00	0.00116	25.00	-40.00	0.00112
30.00	-40.00	0.00108	40.00	-40.00	0.00100
50.00	-40.00	0.00090	60.00	-40.00	0.00079
70.00	-40.00	0.00070	80.00	-40.00	0.00062
90.00	-40.00	0.00055	100.00	-40.00	0.00049
-100.00	-30.00	0.00020	-90.00	-30.00	0.00024
-80.00	-30.00	0.00029	-70.00	-30.00	0.00036
-60.00	-30.00	0.00045	-50.00	-30.00	0.00056
-40.00	-30.00	0.00068	-30.00	-30.00	0.00081
-25.00	-30.00	0.00087	-20.00	-30.00	0.00093
-17.00	-30.00	0.00096	-15.00	-30.00	0.00098
-13.00	-30.00	0.00100	-11.00	-30.00	0.00101
-9.00	-30.00	0.00103	9.00	-30.00	0.00107
11.00	-30.00	0.00106	13.00	-30.00	0.00105
15.00	-30.00	0.00104	17.00	-30.00	0.00104
20.00	-30.00	0.00102	25.00	-30.00	0.00099
30.00	-30.00	0.00097	40.00	-30.00	0.00090
50.00	-30.00	0.00082	60.00	-30.00	0.00073
70.00	-30.00	0.00065	80.00	-30.00	0.00058
90.00	-30.00	0.00052	100.00	-30.00	0.00046

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-20.00	0.00020	-90.00	-20.00	0.00024
-80.00	-20.00	0.00029	-70.00	-20.00	0.00035
-60.00	-20.00	0.00044	-50.00	-20.00	0.00053
-40.00	-20.00	0.00064	-30.00	-20.00	0.00074
-25.00	-20.00	0.00079	-20.00	-20.00	0.00083
-17.00	-20.00	0.00086	-15.00	-20.00	0.00087
-13.00	-20.00	0.00089	-11.00	-20.00	0.00090
-9.00	-20.00	0.00091	9.00	-20.00	0.00094
11.00	-20.00	0.00094	13.00	-20.00	0.00093
15.00	-20.00	0.00093	17.00	-20.00	0.00092
20.00	-20.00	0.00091	25.00	-20.00	0.00089
30.00	-20.00	0.00086	40.00	-20.00	0.00081
50.00	-20.00	0.00075	60.00	-20.00	0.00068
70.00	-20.00	0.00061	80.00	-20.00	0.00054
90.00	-20.00	0.00049	100.00	-20.00	0.00044

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

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

16:28:19

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00020	-90.00	-10.00	0.00024
-80.00	-10.00	0.00028	-70.00	-10.00	0.00035
-60.00	-10.00	0.00042	-50.00	-10.00	0.00050
-40.00	-10.00	0.00059	-30.00	-10.00	0.00067
-25.00	-10.00	0.00071	-20.00	-10.00	0.00075
-17.00	-10.00	0.00077	-15.00	-10.00	0.00078
-13.00	-10.00	0.00079	-11.00	-10.00	0.00081
-9.00	-10.00	0.00081	9.00	-10.00	0.00084
11.00	-10.00	0.00084	13.00	-10.00	0.00083
15.00	-10.00	0.00083	17.00	-10.00	0.00082
20.00	-10.00	0.00081	25.00	-10.00	0.00080
30.00	-10.00	0.00078	40.00	-10.00	0.00074
50.00	-10.00	0.00069	60.00	-10.00	0.00063
70.00	-10.00	0.00057	80.00	-10.00	0.00051
90.00	-10.00	0.00046	100.00	-10.00	0.00042
-100.00	0.00	0.00020	-90.00	0.00	0.00023
-80.00	0.00	0.00028	-70.00	0.00	0.00034
-60.00	0.00	0.00040	-50.00	0.00	0.00047
-40.00	0.00	0.00055	-30.00	0.00	0.00062

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	0.00	0.00065	-20.00	0.00	0.00068
-17.00	0.00	0.00070	-15.00	0.00	0.00071
-13.00	0.00	0.00072	-11.00	0.00	0.00072
-9.00	0.00	0.00073	9.00	0.00	0.00075
11.00	0.00	0.00075	13.00	0.00	0.00075
15.00	0.00	0.00074	17.00	0.00	0.00074
20.00	0.00	0.00073	25.00	0.00	0.00072
30.00	0.00	0.00070	40.00	0.00	0.00067
50.00	0.00	0.00063	60.00	0.00	0.00059
70.00	0.00	0.00054	80.00	0.00	0.00048
90.00	0.00	0.00044	100.00	0.00	0.00040
-100.00	10.00	0.00019	-90.00	10.00	0.00023
-80.00	10.00	0.00027	-70.00	10.00	0.00033
-60.00	10.00	0.00038	-50.00	10.00	0.00045
-40.00	10.00	0.00051	-30.00	10.00	0.00057
-25.00	10.00	0.00059	-20.00	10.00	0.00062
-17.00	10.00	0.00063	-15.00	10.00	0.00064
-13.00	10.00	0.00065	-11.00	10.00	0.00065
-9.00	10.00	0.00066	9.00	10.00	0.00068
11.00	10.00	0.00068	13.00	10.00	0.00068
15.00	10.00	0.00067	17.00	10.00	0.00067

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

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

16:28:19

\*\*MODELOPTs:

PAGE 113

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00066	25.00	10.00	0.00065
30.00	10.00	0.00064	40.00	10.00	0.00061
50.00	10.00	0.00058	60.00	10.00	0.00054
70.00	10.00	0.00050	80.00	10.00	0.00046
90.00	10.00	0.00042	100.00	10.00	0.00038
-100.00	20.00	0.00019	-90.00	20.00	0.00023
-80.00	20.00	0.00027	-70.00	20.00	0.00031
-60.00	20.00	0.00037	-50.00	20.00	0.00042
-40.00	20.00	0.00047	-30.00	20.00	0.00052
-25.00	20.00	0.00054	-20.00	20.00	0.00056
-17.00	20.00	0.00058	-15.00	20.00	0.00058
-13.00	20.00	0.00059	-11.00	20.00	0.00059
-9.00	20.00	0.00060	9.00	20.00	0.00062

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	20.00	0.00061	13.00	20.00	0.00061
15.00	20.00	0.00061	17.00	20.00	0.00061
20.00	20.00	0.00060	25.00	20.00	0.00059
30.00	20.00	0.00058	40.00	20.00	0.00056
50.00	20.00	0.00053	60.00	20.00	0.00050
70.00	20.00	0.00047	80.00	20.00	0.00043
90.00	20.00	0.00039	100.00	20.00	0.00036
-100.00	30.00	0.00019	-90.00	30.00	0.00022
-80.00	30.00	0.00026	-70.00	30.00	0.00030
-60.00	30.00	0.00035	-50.00	30.00	0.00039
-40.00	30.00	0.00044	-30.00	30.00	0.00048
-25.00	30.00	0.00050	-20.00	30.00	0.00052
-17.00	30.00	0.00053	-15.00	30.00	0.00053
-13.00	30.00	0.00054	-11.00	30.00	0.00054
-9.00	30.00	0.00055	9.00	30.00	0.00056
11.00	30.00	0.00056	13.00	30.00	0.00056
15.00	30.00	0.00056	17.00	30.00	0.00055
20.00	30.00	0.00055	25.00	30.00	0.00054
30.00	30.00	0.00053	40.00	30.00	0.00051
50.00	30.00	0.00049	60.00	30.00	0.00047
70.00	30.00	0.00044	80.00	30.00	0.00041
90.00	30.00	0.00037	100.00	30.00	0.00034
-100.00	40.00	0.00019	-90.00	40.00	0.00022
-80.00	40.00	0.00025	-70.00	40.00	0.00029
-60.00	40.00	0.00033	-50.00	40.00	0.00037
-40.00	40.00	0.00041	-30.00	40.00	0.00045
-25.00	40.00	0.00046	-20.00	40.00	0.00048

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

16:28:19  
 \*\*MODELOPTs:  
 PAGE 114

CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S):      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00048	-15.00	40.00	0.00049
-13.00	40.00	0.00049	-11.00	40.00	0.00050
-9.00	40.00	0.00050	9.00	40.00	0.00051
11.00	40.00	0.00051	13.00	40.00	0.00051
15.00	40.00	0.00051	17.00	40.00	0.00051
20.00	40.00	0.00050	25.00	40.00	0.00050
30.00	40.00	0.00049	40.00	40.00	0.00047



02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	40.00	0.00046	60.00	40.00	0.00044
70.00	40.00	0.00041	80.00	40.00	0.00038
90.00	40.00	0.00036	100.00	40.00	0.00033
-100.00	50.00	0.00018	-90.00	50.00	0.00021
-80.00	50.00	0.00024	-70.00	50.00	0.00028
-60.00	50.00	0.00031	-50.00	50.00	0.00035
-40.00	50.00	0.00038	-30.00	50.00	0.00041
-25.00	50.00	0.00043	-20.00	50.00	0.00044
-17.00	50.00	0.00045	-15.00	50.00	0.00045
-13.00	50.00	0.00045	-11.00	50.00	0.00046
-9.00	50.00	0.00046	9.00	50.00	0.00047
11.00	50.00	0.00047	13.00	50.00	0.00047
15.00	50.00	0.00047	17.00	50.00	0.00047
20.00	50.00	0.00046	25.00	50.00	0.00046
30.00	50.00	0.00045	40.00	50.00	0.00044
50.00	50.00	0.00042	60.00	50.00	0.00041
70.00	50.00	0.00039	80.00	50.00	0.00036
90.00	50.00	0.00034	100.00	50.00	0.00031
-100.00	60.00	0.00018	-90.00	60.00	0.00021
-80.00	60.00	0.00024	-70.00	60.00	0.00027
-60.00	60.00	0.00030	-50.00	60.00	0.00033
-40.00	60.00	0.00036	-30.00	60.00	0.00038
-25.00	60.00	0.00040	-20.00	60.00	0.00041
-17.00	60.00	0.00041	-15.00	60.00	0.00042
-13.00	60.00	0.00042	-11.00	60.00	0.00042
-9.00	60.00	0.00043	9.00	60.00	0.00044
11.00	60.00	0.00043	13.00	60.00	0.00043
15.00	60.00	0.00043	17.00	60.00	0.00043
20.00	60.00	0.00043	25.00	60.00	0.00042
30.00	60.00	0.00042	40.00	60.00	0.00041
50.00	60.00	0.00039	60.00	60.00	0.00038
70.00	60.00	0.00036	80.00	60.00	0.00034
90.00	60.00	0.00032	100.00	60.00	0.00030

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

16:28:19  
 \*\*MODELOPTs:  
 PAGE 115  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00018	-90.00	70.00	0.00020

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	70.00	0.00023	-70.00	70.00	0.00026
-60.00	70.00	0.00028	-50.00	70.00	0.00031
-40.00	70.00	0.00033	-30.00	70.00	0.00036
-25.00	70.00	0.00037	-20.00	70.00	0.00038
-17.00	70.00	0.00038	-15.00	70.00	0.00039
-13.00	70.00	0.00039	-11.00	70.00	0.00039
-9.00	70.00	0.00039	9.00	70.00	0.00040
11.00	70.00	0.00040	13.00	70.00	0.00040
15.00	70.00	0.00040	17.00	70.00	0.00040
20.00	70.00	0.00040	25.00	70.00	0.00039
30.00	70.00	0.00039	40.00	70.00	0.00038
50.00	70.00	0.00037	60.00	70.00	0.00035
70.00	70.00	0.00034	80.00	70.00	0.00032
90.00	70.00	0.00030	100.00	70.00	0.00029
-100.00	80.00	0.00017	-90.00	80.00	0.00020
-80.00	80.00	0.00022	-70.00	80.00	0.00024
-60.00	80.00	0.00027	-50.00	80.00	0.00029
-40.00	80.00	0.00031	-30.00	80.00	0.00033
-25.00	80.00	0.00034	-20.00	80.00	0.00035
-17.00	80.00	0.00036	-15.00	80.00	0.00036
-13.00	80.00	0.00036	-11.00	80.00	0.00036
-9.00	80.00	0.00037	9.00	80.00	0.00037
11.00	80.00	0.00037	13.00	80.00	0.00037
15.00	80.00	0.00037	17.00	80.00	0.00037
20.00	80.00	0.00037	25.00	80.00	0.00037
30.00	80.00	0.00036	40.00	80.00	0.00035
50.00	80.00	0.00034	60.00	80.00	0.00033
70.00	80.00	0.00032	80.00	80.00	0.00030
90.00	80.00	0.00029	100.00	80.00	0.00027
-100.00	90.00	0.00017	-90.00	90.00	0.00019
-80.00	90.00	0.00021	-70.00	90.00	0.00023
-60.00	90.00	0.00025	-50.00	90.00	0.00028
-40.00	90.00	0.00030	-30.00	90.00	0.00031
-25.00	90.00	0.00032	-20.00	90.00	0.00033
-17.00	90.00	0.00033	-15.00	90.00	0.00034
-13.00	90.00	0.00034	-11.00	90.00	0.00034
-9.00	90.00	0.00034	9.00	90.00	0.00035
11.00	90.00	0.00035	13.00	90.00	0.00035
15.00	90.00	0.00035	17.00	90.00	0.00035

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:28:19

\*\*MODELOPTs:

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00 120.00 0.00027 -20.00 120.00 0.00027

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

16:28:19  
 \*\*MODELOPTs:  
 PAGE 117  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00014	-90.00	150.00	0.00015
-80.00	150.00	0.00017	-70.00	150.00	0.00018
-60.00	150.00	0.00019	-50.00	150.00	0.00020
-40.00	150.00	0.00021	-30.00	150.00	0.00022
-25.00	150.00	0.00022	-20.00	150.00	0.00023
-17.00	150.00	0.00023	-15.00	150.00	0.00023
-13.00	150.00	0.00023	-11.00	150.00	0.00023
-9.00	150.00	0.00023	9.00	150.00	0.00024
11.00	150.00	0.00024	13.00	150.00	0.00024
15.00	150.00	0.00024	17.00	150.00	0.00024
20.00	150.00	0.00024	25.00	150.00	0.00024
30.00	150.00	0.00023	40.00	150.00	0.00023
50.00	150.00	0.00022	60.00	150.00	0.00022
70.00	150.00	0.00021	80.00	150.00	0.00021
90.00	150.00	0.00020	100.00	150.00	0.00020
-100.00	160.00	0.00014	-90.00	160.00	0.00015
-80.00	160.00	0.00016	-70.00	160.00	0.00017
-60.00	160.00	0.00018	-50.00	160.00	0.00019
-40.00	160.00	0.00020	-30.00	160.00	0.00021
-25.00	160.00	0.00021	-20.00	160.00	0.00022
-17.00	160.00	0.00022	-15.00	160.00	0.00022
-13.00	160.00	0.00022	-11.00	160.00	0.00022
-9.00	160.00	0.00022	9.00	160.00	0.00023
11.00	160.00	0.00022	13.00	160.00	0.00022
15.00	160.00	0.00022	17.00	160.00	0.00022
20.00	160.00	0.00022	25.00	160.00	0.00022
30.00	160.00	0.00022	40.00	160.00	0.00022

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	160.00	0.00021	60.00	160.00	0.00021
70.00	160.00	0.00020	80.00	160.00	0.00020
90.00	160.00	0.00019	100.00	160.00	0.00019
-100.00	170.00	0.00013	-90.00	170.00	0.00014
-80.00	170.00	0.00015	-70.00	170.00	0.00016
-60.00	170.00	0.00017	-50.00	170.00	0.00018
-40.00	170.00	0.00019	-30.00	170.00	0.00020
-25.00	170.00	0.00020	-20.00	170.00	0.00020
-17.00	170.00	0.00021	-15.00	170.00	0.00021
-13.00	170.00	0.00021	-11.00	170.00	0.00021
-9.00	170.00	0.00021	9.00	170.00	0.00021
11.00	170.00	0.00021	13.00	170.00	0.00021
15.00	170.00	0.00021	17.00	170.00	0.00021

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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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\_S5

INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	190.00	0.00014	-70.00	190.00	0.00015
-60.00	190.00	0.00016	-50.00	190.00	0.00017
-40.00	190.00	0.00017	-30.00	190.00	0.00018
-25.00	190.00	0.00018	-20.00	190.00	0.00018
-17.00	190.00	0.00019	-15.00	190.00	0.00019
-13.00	190.00	0.00019	-11.00	190.00	0.00019
-9.00	190.00	0.00019	9.00	190.00	0.00019
11.00	190.00	0.00019	13.00	190.00	0.00019
15.00	190.00	0.00019	17.00	190.00	0.00019
20.00	190.00	0.00019	25.00	190.00	0.00019
30.00	190.00	0.00019	40.00	190.00	0.00019
50.00	190.00	0.00018	60.00	190.00	0.00018
70.00	190.00	0.00018	80.00	190.00	0.00017
90.00	190.00	0.00017	100.00	190.00	0.00016
-100.00	200.00	0.00012	-90.00	200.00	0.00013
-80.00	200.00	0.00014	-70.00	200.00	0.00015
-60.00	200.00	0.00015	-50.00	200.00	0.00016
-40.00	200.00	0.00017	-30.00	200.00	0.00017
-25.00	200.00	0.00017	-20.00	200.00	0.00018

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

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00018	-15.00	200.00	0.00018
-13.00	200.00	0.00018	-11.00	200.00	0.00018
-9.00	200.00	0.00018	9.00	200.00	0.00018
11.00	200.00	0.00018	13.00	200.00	0.00018
15.00	200.00	0.00018	17.00	200.00	0.00018
20.00	200.00	0.00018	25.00	200.00	0.00018
30.00	200.00	0.00018	40.00	200.00	0.00018
50.00	200.00	0.00017	60.00	200.00	0.00017
70.00	200.00	0.00017	80.00	200.00	0.00017
90.00	200.00	0.00016	100.00	200.00	0.00016
-100.00	210.00	0.00012	-90.00	210.00	0.00013
-80.00	210.00	0.00013	-70.00	210.00	0.00014
-60.00	210.00	0.00015	-50.00	210.00	0.00015
-40.00	210.00	0.00016	-30.00	210.00	0.00016
-25.00	210.00	0.00017	-20.00	210.00	0.00017

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00011	-90.00	230.00	0.00012
-80.00	230.00	0.00012	-70.00	230.00	0.00013
-60.00	230.00	0.00013	-50.00	230.00	0.00014
-40.00	230.00	0.00015	-30.00	230.00	0.00015
-25.00	230.00	0.00015	-20.00	230.00	0.00015
-17.00	230.00	0.00015	-15.00	230.00	0.00015
-13.00	230.00	0.00016	-11.00	230.00	0.00016
-9.00	230.00	0.00016	9.00	230.00	0.00016
11.00	230.00	0.00016	13.00	230.00	0.00016



02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	230.00	0.00016	17.00	230.00	0.00016
20.00	230.00	0.00016	25.00	230.00	0.00016
30.00	230.00	0.00016	40.00	230.00	0.00015
50.00	230.00	0.00015	60.00	230.00	0.00015
70.00	230.00	0.00015	80.00	230.00	0.00014
90.00	230.00	0.00014	100.00	230.00	0.00014
-100.00	240.00	0.00011	-90.00	240.00	0.00011
-80.00	240.00	0.00012	-70.00	240.00	0.00012
-60.00	240.00	0.00013	-50.00	240.00	0.00013
-40.00	240.00	0.00014	-30.00	240.00	0.00014
-25.00	240.00	0.00015	-20.00	240.00	0.00015
-17.00	240.00	0.00015	-15.00	240.00	0.00015
-13.00	240.00	0.00015	-11.00	240.00	0.00015
-9.00	240.00	0.00015	9.00	240.00	0.00015
11.00	240.00	0.00015	13.00	240.00	0.00015
15.00	240.00	0.00015	17.00	240.00	0.00015
20.00	240.00	0.00015	25.00	240.00	0.00015
30.00	240.00	0.00015	40.00	240.00	0.00015
50.00	240.00	0.00015	60.00	240.00	0.00014
70.00	240.00	0.00014	80.00	240.00	0.00014
90.00	240.00	0.00014	100.00	240.00	0.00013
-100.00	250.00	0.00010	-90.00	250.00	0.00011
-80.00	250.00	0.00011	-70.00	250.00	0.00012
-60.00	250.00	0.00012	-50.00	250.00	0.00013
-40.00	250.00	0.00013	-30.00	250.00	0.00014
-25.00	250.00	0.00014	-20.00	250.00	0.00014
-17.00	250.00	0.00014	-15.00	250.00	0.00014
-13.00	250.00	0.00014	-11.00	250.00	0.00014
-9.00	250.00	0.00014	9.00	250.00	0.00014
11.00	250.00	0.00014	13.00	250.00	0.00014
15.00	250.00	0.00014	17.00	250.00	0.00014

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

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	250.00	0.00014	80.00	250.00	0.00013
90.00	250.00	0.00013	100.00	250.00	0.00013

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

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

16:28:19  
 \*\*MODELOPTs:  
 PAGE 123  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00231	-90.00	-250.00	0.00250
-80.00	-250.00	0.00272	-70.00	-250.00	0.00296
-60.00	-250.00	0.00321	-50.00	-250.00	0.00349
-40.00	-250.00	0.00377	-30.00	-250.00	0.00401
-25.00	-250.00	0.00410	-20.00	-250.00	0.00416
-17.00	-250.00	0.00417	-15.00	-250.00	0.00417
-13.00	-250.00	0.00415	-11.00	-250.00	0.00411
-9.00	-250.00	0.00405	9.00	-250.00	0.00279
11.00	-250.00	0.00269	13.00	-250.00	0.00260
15.00	-250.00	0.00252	17.00	-250.00	0.00244
20.00	-250.00	0.00232	25.00	-250.00	0.00212
30.00	-250.00	0.00194	40.00	-250.00	0.00165
50.00	-250.00	0.00142	60.00	-250.00	0.00124
70.00	-250.00	0.00110	80.00	-250.00	0.00098
90.00	-250.00	0.00088	100.00	-250.00	0.00080
-100.00	-240.00	0.00242	-90.00	-240.00	0.00264
-80.00	-240.00	0.00289	-70.00	-240.00	0.00317
-60.00	-240.00	0.00348	-50.00	-240.00	0.00382
-40.00	-240.00	0.00419	-30.00	-240.00	0.00454
-25.00	-240.00	0.00471	-20.00	-240.00	0.00484
-17.00	-240.00	0.00490	-15.00	-240.00	0.00492
-13.00	-240.00	0.00493	-11.00	-240.00	0.00492
-9.00	-240.00	0.00488	9.00	-240.00	0.00323
11.00	-240.00	0.00308	13.00	-240.00	0.00295
15.00	-240.00	0.00282	17.00	-240.00	0.00269
20.00	-240.00	0.00253	25.00	-240.00	0.00228
30.00	-240.00	0.00208	40.00	-240.00	0.00176
50.00	-240.00	0.00152	60.00	-240.00	0.00132
70.00	-240.00	0.00116	80.00	-240.00	0.00103
90.00	-240.00	0.00092	100.00	-240.00	0.00083
-100.00	-230.00	0.00252	-90.00	-230.00	0.00276
-80.00	-230.00	0.00303	-70.00	-230.00	0.00335

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-230.00	0.00371	-50.00	-230.00	0.00412
-40.00	-230.00	0.00457	-30.00	-230.00	0.00504
-25.00	-230.00	0.00529	-20.00	-230.00	0.00553
-17.00	-230.00	0.00566	-15.00	-230.00	0.00575
-13.00	-230.00	0.00584	-11.00	-230.00	0.00593
-9.00	-230.00	0.00601	9.00	-230.00	0.00365
11.00	-230.00	0.00343	13.00	-230.00	0.00324
15.00	-230.00	0.00308	17.00	-230.00	0.00294

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

16:28:19  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00275	25.00	-230.00	0.00248
30.00	-230.00	0.00225	40.00	-230.00	0.00189
50.00	-230.00	0.00162	60.00	-230.00	0.00140
70.00	-230.00	0.00123	80.00	-230.00	0.00108
90.00	-230.00	0.00096	100.00	-230.00	0.00087
-100.00	-220.00	0.00261	-90.00	-220.00	0.00286
-80.00	-220.00	0.00316	-70.00	-220.00	0.00350
-60.00	-220.00	0.00390	-50.00	-220.00	0.00435
-40.00	-220.00	0.00486	-30.00	-220.00	0.00541
-25.00	-220.00	0.00571	-20.00	-220.00	0.00602
-17.00	-220.00	0.00621	-15.00	-220.00	0.00635
-13.00	-220.00	0.00650	-11.00	-220.00	0.00668
-9.00	-220.00	0.00691	9.00	-220.00	0.00432
11.00	-220.00	0.00398	13.00	-220.00	0.00372
15.00	-220.00	0.00350	17.00	-220.00	0.00331
20.00	-220.00	0.00307	25.00	-220.00	0.00274
30.00	-220.00	0.00247	40.00	-220.00	0.00205
50.00	-220.00	0.00174	60.00	-220.00	0.00149
70.00	-220.00	0.00130	80.00	-220.00	0.00114
90.00	-220.00	0.00101	100.00	-220.00	0.00090
-100.00	-210.00	0.00268	-90.00	-210.00	0.00295
-80.00	-210.00	0.00327	-70.00	-210.00	0.00363
-60.00	-210.00	0.00406	-50.00	-210.00	0.00454
-40.00	-210.00	0.00508	-30.00	-210.00	0.00566
-25.00	-210.00	0.00595	-20.00	-210.00	0.00627
-17.00	-210.00	0.00647	-15.00	-210.00	0.00662

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-210.00	0.00679	-11.00	-210.00	0.00701
-9.00	-210.00	0.00734	9.00	-210.00	0.00562
11.00	-210.00	0.00507	13.00	-210.00	0.00464
15.00	-210.00	0.00429	17.00	-210.00	0.00400
20.00	-210.00	0.00364	25.00	-210.00	0.00317
30.00	-210.00	0.00281	40.00	-210.00	0.00227
50.00	-210.00	0.00189	60.00	-210.00	0.00161
70.00	-210.00	0.00139	80.00	-210.00	0.00121
90.00	-210.00	0.00107	100.00	-210.00	0.00095
-100.00	-200.00	0.00275	-90.00	-200.00	0.00303
-80.00	-200.00	0.00336	-70.00	-200.00	0.00374
-60.00	-200.00	0.00417	-50.00	-200.00	0.00467
-40.00	-200.00	0.00521	-30.00	-200.00	0.00580
-25.00	-200.00	0.00611	-20.00	-200.00	0.00645

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00670	-15.00	-200.00	0.00690
-13.00	-200.00	0.00716	-11.00	-200.00	0.00750
-9.00	-200.00	0.00801	9.00	-200.00	0.00682
11.00	-200.00	0.00614	13.00	-200.00	0.00560
15.00	-200.00	0.00515	17.00	-200.00	0.00477
20.00	-200.00	0.00430	25.00	-200.00	0.00368
30.00	-200.00	0.00321	40.00	-200.00	0.00254
50.00	-200.00	0.00208	60.00	-200.00	0.00174
70.00	-200.00	0.00149	80.00	-200.00	0.00129
90.00	-200.00	0.00113	100.00	-200.00	0.00100
-100.00	-190.00	0.00280	-90.00	-190.00	0.00309
-80.00	-190.00	0.00342	-70.00	-190.00	0.00381
-60.00	-190.00	0.00425	-50.00	-190.00	0.00475
-40.00	-190.00	0.00531	-30.00	-190.00	0.00592
-25.00	-190.00	0.00626	-20.00	-190.00	0.00668
-17.00	-190.00	0.00701	-15.00	-190.00	0.00729
-13.00	-190.00	0.00764	-11.00	-190.00	0.00811
-9.00	-190.00	0.00873	9.00	-190.00	0.00777
11.00	-190.00	0.00703	13.00	-190.00	0.00642
15.00	-190.00	0.00590	17.00	-190.00	0.00546

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-190.00	0.00491	25.00	-190.00	0.00418
30.00	-190.00	0.00362	40.00	-190.00	0.00282
50.00	-190.00	0.00228	60.00	-190.00	0.00189
70.00	-190.00	0.00160	80.00	-190.00	0.00138
90.00	-190.00	0.00120	100.00	-190.00	0.00105
-100.00	-180.00	0.00284	-90.00	-180.00	0.00313
-80.00	-180.00	0.00347	-70.00	-180.00	0.00386
-60.00	-180.00	0.00431	-50.00	-180.00	0.00482
-40.00	-180.00	0.00539	-30.00	-180.00	0.00605
-25.00	-180.00	0.00645	-20.00	-180.00	0.00696
-17.00	-180.00	0.00737	-15.00	-180.00	0.00771
-13.00	-180.00	0.00814	-11.00	-180.00	0.00867
-9.00	-180.00	0.00936	9.00	-180.00	0.00852
11.00	-180.00	0.00773	13.00	-180.00	0.00709
15.00	-180.00	0.00653	17.00	-180.00	0.00605
20.00	-180.00	0.00544	25.00	-180.00	0.00463
30.00	-180.00	0.00401	40.00	-180.00	0.00310
50.00	-180.00	0.00248	60.00	-180.00	0.00205
70.00	-180.00	0.00172	80.00	-180.00	0.00147
90.00	-180.00	0.00127	100.00	-180.00	0.00111

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

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

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\*\*MODELOPTS:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00287	-90.00	-170.00	0.00316
-80.00	-170.00	0.00350	-70.00	-170.00	0.00390
-60.00	-170.00	0.00435	-50.00	-170.00	0.00487
-40.00	-170.00	0.00547	-30.00	-170.00	0.00619
-25.00	-170.00	0.00665	-20.00	-170.00	0.00725
-17.00	-170.00	0.00772	-15.00	-170.00	0.00811
-13.00	-170.00	0.00857	-11.00	-170.00	0.00915
-9.00	-170.00	0.00988	9.00	-170.00	0.00911
11.00	-170.00	0.00830	13.00	-170.00	0.00763
15.00	-170.00	0.00706	17.00	-170.00	0.00655
20.00	-170.00	0.00590	25.00	-170.00	0.00503
30.00	-170.00	0.00435	40.00	-170.00	0.00336
50.00	-170.00	0.00268	60.00	-170.00	0.00220
70.00	-170.00	0.00184	80.00	-170.00	0.00156

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-170.00	0.00135	100.00	-170.00	0.00117
-100.00	-160.00	0.00288	-90.00	-160.00	0.00318
-80.00	-160.00	0.00353	-70.00	-160.00	0.00393
-60.00	-160.00	0.00439	-50.00	-160.00	0.00492
-40.00	-160.00	0.00556	-30.00	-160.00	0.00635
-25.00	-160.00	0.00686	-20.00	-160.00	0.00752
-17.00	-160.00	0.00804	-15.00	-160.00	0.00845
-13.00	-160.00	0.00894	-11.00	-160.00	0.00954
-9.00	-160.00	0.01029	9.00	-160.00	0.00958
11.00	-160.00	0.00874	13.00	-160.00	0.00807
15.00	-160.00	0.00748	17.00	-160.00	0.00696
20.00	-160.00	0.00629	25.00	-160.00	0.00537
30.00	-160.00	0.00465	40.00	-160.00	0.00360
50.00	-160.00	0.00287	60.00	-160.00	0.00234
70.00	-160.00	0.00195	80.00	-160.00	0.00165
90.00	-160.00	0.00142	100.00	-160.00	0.00124
-100.00	-150.00	0.00290	-90.00	-150.00	0.00320
-80.00	-150.00	0.00355	-70.00	-150.00	0.00395
-60.00	-150.00	0.00442	-50.00	-150.00	0.00498
-40.00	-150.00	0.00565	-30.00	-150.00	0.00650
-25.00	-150.00	0.00706	-20.00	-150.00	0.00777
-17.00	-150.00	0.00832	-15.00	-150.00	0.00875
-13.00	-150.00	0.00926	-11.00	-150.00	0.00987
-9.00	-150.00	0.01064	9.00	-150.00	0.00996
11.00	-150.00	0.00911	13.00	-150.00	0.00842
15.00	-150.00	0.00783	17.00	-150.00	0.00730

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00661	25.00	-150.00	0.00567
30.00	-150.00	0.00491	40.00	-150.00	0.00381
50.00	-150.00	0.00304	60.00	-150.00	0.00248
70.00	-150.00	0.00206	80.00	-150.00	0.00174
90.00	-150.00	0.00149	100.00	-150.00	0.00130
-100.00	-140.00	0.00291	-90.00	-140.00	0.00321
-80.00	-140.00	0.00356	-70.00	-140.00	0.00398
-60.00	-140.00	0.00446	-50.00	-140.00	0.00504

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-140.00	0.00574	-30.00	-140.00	0.00664
-25.00	-140.00	0.00724	-20.00	-140.00	0.00799
-17.00	-140.00	0.00855	-15.00	-140.00	0.00899
-13.00	-140.00	0.00951	-11.00	-140.00	0.01016
-9.00	-140.00	0.01095	9.00	-140.00	0.01029
11.00	-140.00	0.00942	13.00	-140.00	0.00871
15.00	-140.00	0.00811	17.00	-140.00	0.00758
20.00	-140.00	0.00689	25.00	-140.00	0.00592
30.00	-140.00	0.00514	40.00	-140.00	0.00400
50.00	-140.00	0.00319	60.00	-140.00	0.00261
70.00	-140.00	0.00217	80.00	-140.00	0.00183
90.00	-140.00	0.00157	100.00	-140.00	0.00136
-100.00	-130.00	0.00291	-90.00	-130.00	0.00322
-80.00	-130.00	0.00358	-70.00	-130.00	0.00400
-60.00	-130.00	0.00449	-50.00	-130.00	0.00509
-40.00	-130.00	0.00583	-30.00	-130.00	0.00678
-25.00	-130.00	0.00740	-20.00	-130.00	0.00817
-17.00	-130.00	0.00875	-15.00	-130.00	0.00920
-13.00	-130.00	0.00973	-11.00	-130.00	0.01038
-9.00	-130.00	0.01119	9.00	-130.00	0.01051
11.00	-130.00	0.00968	13.00	-130.00	0.00897
15.00	-130.00	0.00836	17.00	-130.00	0.00782
20.00	-130.00	0.00712	25.00	-130.00	0.00614
30.00	-130.00	0.00535	40.00	-130.00	0.00417
50.00	-130.00	0.00333	60.00	-130.00	0.00273
70.00	-130.00	0.00227	80.00	-130.00	0.00192
90.00	-130.00	0.00164	100.00	-130.00	0.00141
-100.00	-120.00	0.00292	-90.00	-120.00	0.00323
-80.00	-120.00	0.00359	-70.00	-120.00	0.00402
-60.00	-120.00	0.00453	-50.00	-120.00	0.00515
-40.00	-120.00	0.00592	-30.00	-120.00	0.00691
-25.00	-120.00	0.00754	-20.00	-120.00	0.00833

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00892	-15.00	-120.00	0.00939
-13.00	-120.00	0.00993	-11.00	-120.00	0.01058

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-120.00	0.01139	9.00	-120.00	0.01067
11.00	-120.00	0.00985	13.00	-120.00	0.00916
15.00	-120.00	0.00856	17.00	-120.00	0.00802
20.00	-120.00	0.00731	25.00	-120.00	0.00632
30.00	-120.00	0.00552	40.00	-120.00	0.00432
50.00	-120.00	0.00346	60.00	-120.00	0.00283
70.00	-120.00	0.00236	80.00	-120.00	0.00199
90.00	-120.00	0.00170	100.00	-120.00	0.00147
-100.00	-110.00	0.00292	-90.00	-110.00	0.00323
-80.00	-110.00	0.00360	-70.00	-110.00	0.00404
-60.00	-110.00	0.00456	-50.00	-110.00	0.00520
-40.00	-110.00	0.00600	-30.00	-110.00	0.00702
-25.00	-110.00	0.00767	-20.00	-110.00	0.00847
-17.00	-110.00	0.00907	-15.00	-110.00	0.00954
-13.00	-110.00	0.01008	-11.00	-110.00	0.01073
-9.00	-110.00	0.01154	9.00	-110.00	0.01085
11.00	-110.00	0.01002	13.00	-110.00	0.00933
15.00	-110.00	0.00872	17.00	-110.00	0.00818
20.00	-110.00	0.00747	25.00	-110.00	0.00648
30.00	-110.00	0.00568	40.00	-110.00	0.00445
50.00	-110.00	0.00357	60.00	-110.00	0.00293
70.00	-110.00	0.00244	80.00	-110.00	0.00206
90.00	-110.00	0.00176	100.00	-110.00	0.00152
-100.00	-100.00	0.00292	-90.00	-100.00	0.00324
-80.00	-100.00	0.00361	-70.00	-100.00	0.00406
-60.00	-100.00	0.00460	-50.00	-100.00	0.00525
-40.00	-100.00	0.00607	-30.00	-100.00	0.00712
-25.00	-100.00	0.00778	-20.00	-100.00	0.00859
-17.00	-100.00	0.00920	-15.00	-100.00	0.00967
-13.00	-100.00	0.01022	-11.00	-100.00	0.01087
-9.00	-100.00	0.01167	9.00	-100.00	0.01099
11.00	-100.00	0.01017	13.00	-100.00	0.00947
15.00	-100.00	0.00886	17.00	-100.00	0.00832
20.00	-100.00	0.00761	25.00	-100.00	0.00662
30.00	-100.00	0.00581	40.00	-100.00	0.00457
50.00	-100.00	0.00368	60.00	-100.00	0.00302
70.00	-100.00	0.00252	80.00	-100.00	0.00213
90.00	-100.00	0.00182	100.00	-100.00	0.00157

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

04/20/08

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

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\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*



\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00292	-90.00	-90.00	0.00324
-80.00	-90.00	0.00362	-70.00	-90.00	0.00408
-60.00	-90.00	0.00463	-50.00	-90.00	0.00530
-40.00	-90.00	0.00614	-30.00	-90.00	0.00720
-25.00	-90.00	0.00787	-20.00	-90.00	0.00870
-17.00	-90.00	0.00930	-15.00	-90.00	0.00978
-13.00	-90.00	0.01033	-11.00	-90.00	0.01098
-9.00	-90.00	0.01178	9.00	-90.00	0.01113
11.00	-90.00	0.01029	13.00	-90.00	0.00959
15.00	-90.00	0.00898	17.00	-90.00	0.00844
20.00	-90.00	0.00773	25.00	-90.00	0.00673
30.00	-90.00	0.00592	40.00	-90.00	0.00467
50.00	-90.00	0.00377	60.00	-90.00	0.00310
70.00	-90.00	0.00259	80.00	-90.00	0.00219
90.00	-90.00	0.00187	100.00	-90.00	0.00162
-100.00	-80.00	0.00291	-90.00	-80.00	0.00324
-80.00	-80.00	0.00363	-70.00	-80.00	0.00409
-60.00	-80.00	0.00466	-50.00	-80.00	0.00534
-40.00	-80.00	0.00619	-30.00	-80.00	0.00728
-25.00	-80.00	0.00796	-20.00	-80.00	0.00879
-17.00	-80.00	0.00940	-15.00	-80.00	0.00987
-13.00	-80.00	0.01042	-11.00	-80.00	0.01108
-9.00	-80.00	0.01188	9.00	-80.00	0.01125
11.00	-80.00	0.01040	13.00	-80.00	0.00970
15.00	-80.00	0.00909	17.00	-80.00	0.00854
20.00	-80.00	0.00783	25.00	-80.00	0.00683
30.00	-80.00	0.00602	40.00	-80.00	0.00477
50.00	-80.00	0.00386	60.00	-80.00	0.00317
70.00	-80.00	0.00265	80.00	-80.00	0.00224
90.00	-80.00	0.00192	100.00	-80.00	0.00166
-100.00	-70.00	0.00291	-90.00	-70.00	0.00324
-80.00	-70.00	0.00364	-70.00	-70.00	0.00411
-60.00	-70.00	0.00468	-50.00	-70.00	0.00538
-40.00	-70.00	0.00625	-30.00	-70.00	0.00734
-25.00	-70.00	0.00803	-20.00	-70.00	0.00886
-17.00	-70.00	0.00948	-15.00	-70.00	0.00995
-13.00	-70.00	0.01050	-11.00	-70.00	0.01116
-9.00	-70.00	0.01196	9.00	-70.00	0.01135
11.00	-70.00	0.01049	13.00	-70.00	0.00979
15.00	-70.00	0.00918	17.00	-70.00	0.00864

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:28:19

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00792	25.00	-70.00	0.00692
30.00	-70.00	0.00610	40.00	-70.00	0.00485
50.00	-70.00	0.00393	60.00	-70.00	0.00324
70.00	-70.00	0.00271	80.00	-70.00	0.00229
90.00	-70.00	0.00197	100.00	-70.00	0.00170
-100.00	-60.00	0.00290	-90.00	-60.00	0.00324
-80.00	-60.00	0.00364	-70.00	-60.00	0.00412
-60.00	-60.00	0.00470	-50.00	-60.00	0.00541
-40.00	-60.00	0.00629	-30.00	-60.00	0.00739
-25.00	-60.00	0.00809	-20.00	-60.00	0.00893
-17.00	-60.00	0.00955	-15.00	-60.00	0.01003
-13.00	-60.00	0.01058	-11.00	-60.00	0.01123
-9.00	-60.00	0.01203	9.00	-60.00	0.01145
11.00	-60.00	0.01058	13.00	-60.00	0.00987
15.00	-60.00	0.00926	17.00	-60.00	0.00872
20.00	-60.00	0.00800	25.00	-60.00	0.00699
30.00	-60.00	0.00617	40.00	-60.00	0.00492
50.00	-60.00	0.00400	60.00	-60.00	0.00330
70.00	-60.00	0.00276	80.00	-60.00	0.00234
90.00	-60.00	0.00201	100.00	-60.00	0.00174
-100.00	-50.00	0.00290	-90.00	-50.00	0.00324
-80.00	-50.00	0.00364	-70.00	-50.00	0.00413
-60.00	-50.00	0.00472	-50.00	-50.00	0.00544
-40.00	-50.00	0.00632	-30.00	-50.00	0.00744
-25.00	-50.00	0.00813	-20.00	-50.00	0.00898
-17.00	-50.00	0.00960	-15.00	-50.00	0.01007
-13.00	-50.00	0.01063	-11.00	-50.00	0.01130
-9.00	-50.00	0.01213	9.00	-50.00	0.01153
11.00	-50.00	0.01066	13.00	-50.00	0.00993
15.00	-50.00	0.00932	17.00	-50.00	0.00878
20.00	-50.00	0.00806	25.00	-50.00	0.00706
30.00	-50.00	0.00624	40.00	-50.00	0.00498
50.00	-50.00	0.00405	60.00	-50.00	0.00335
70.00	-50.00	0.00281	80.00	-50.00	0.00238

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-50.00	0.00204	100.00	-50.00	0.00177
-100.00	-40.00	0.00289	-90.00	-40.00	0.00323
-80.00	-40.00	0.00364	-70.00	-40.00	0.00414
-60.00	-40.00	0.00474	-50.00	-40.00	0.00546
-40.00	-40.00	0.00635	-30.00	-40.00	0.00748
-25.00	-40.00	0.00817	-20.00	-40.00	0.00903

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

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

16:28:19

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00964	-15.00	-40.00	0.01012
-13.00	-40.00	0.01068	-11.00	-40.00	0.01135
-9.00	-40.00	0.01218	9.00	-40.00	0.01156
11.00	-40.00	0.01073	13.00	-40.00	0.01001
15.00	-40.00	0.00939	17.00	-40.00	0.00885
20.00	-40.00	0.00813	25.00	-40.00	0.00712
30.00	-40.00	0.00629	40.00	-40.00	0.00503
50.00	-40.00	0.00410	60.00	-40.00	0.00340
70.00	-40.00	0.00285	80.00	-40.00	0.00242
90.00	-40.00	0.00208	100.00	-40.00	0.00180
-100.00	-30.00	0.00288	-90.00	-30.00	0.00323
-80.00	-30.00	0.00364	-70.00	-30.00	0.00414
-60.00	-30.00	0.00474	-50.00	-30.00	0.00548
-40.00	-30.00	0.00638	-30.00	-30.00	0.00751
-25.00	-30.00	0.00821	-20.00	-30.00	0.00906
-17.00	-30.00	0.00969	-15.00	-30.00	0.01017
-13.00	-30.00	0.01073	-11.00	-30.00	0.01140
-9.00	-30.00	0.01223	9.00	-30.00	0.01157
11.00	-30.00	0.01075	13.00	-30.00	0.01005
15.00	-30.00	0.00944	17.00	-30.00	0.00889
20.00	-30.00	0.00817	25.00	-30.00	0.00717
30.00	-30.00	0.00634	40.00	-30.00	0.00508
50.00	-30.00	0.00415	60.00	-30.00	0.00344
70.00	-30.00	0.00289	80.00	-30.00	0.00246
90.00	-30.00	0.00211	100.00	-30.00	0.00182
-100.00	-20.00	0.00287	-90.00	-20.00	0.00322
-80.00	-20.00	0.00363	-70.00	-20.00	0.00414
-60.00	-20.00	0.00475	-50.00	-20.00	0.00549

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-20.00	0.00639	-30.00	-20.00	0.00753
-25.00	-20.00	0.00824	-20.00	-20.00	0.00909
-17.00	-20.00	0.00972	-15.00	-20.00	0.01021
-13.00	-20.00	0.01077	-11.00	-20.00	0.01143
-9.00	-20.00	0.01225	9.00	-20.00	0.01161
11.00	-20.00	0.01078	13.00	-20.00	0.01009
15.00	-20.00	0.00948	17.00	-20.00	0.00893
20.00	-20.00	0.00821	25.00	-20.00	0.00721
30.00	-20.00	0.00639	40.00	-20.00	0.00512
50.00	-20.00	0.00419	60.00	-20.00	0.00348
70.00	-20.00	0.00292	80.00	-20.00	0.00249
90.00	-20.00	0.00213	100.00	-20.00	0.00185

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00285	-90.00	-10.00	0.00320
-80.00	-10.00	0.00362	-70.00	-10.00	0.00413
-60.00	-10.00	0.00475	-50.00	-10.00	0.00549
-40.00	-10.00	0.00641	-30.00	-10.00	0.00755
-25.00	-10.00	0.00826	-20.00	-10.00	0.00911
-17.00	-10.00	0.00974	-15.00	-10.00	0.01023
-13.00	-10.00	0.01079	-11.00	-10.00	0.01145
-9.00	-10.00	0.01227	9.00	-10.00	0.01164
11.00	-10.00	0.01082	13.00	-10.00	0.01012
15.00	-10.00	0.00951	17.00	-10.00	0.00896
20.00	-10.00	0.00824	25.00	-10.00	0.00724
30.00	-10.00	0.00642	40.00	-10.00	0.00515
50.00	-10.00	0.00422	60.00	-10.00	0.00351
70.00	-10.00	0.00295	80.00	-10.00	0.00251
90.00	-10.00	0.00216	100.00	-10.00	0.00187
-100.00	0.00	0.00284	-90.00	0.00	0.00319
-80.00	0.00	0.00361	-70.00	0.00	0.00412
-60.00	0.00	0.00474	-50.00	0.00	0.00549
-40.00	0.00	0.00641	-30.00	0.00	0.00756
-25.00	0.00	0.00827	-20.00	0.00	0.00913
-17.00	0.00	0.00976	-15.00	0.00	0.01024
-13.00	0.00	0.01081	-11.00	0.00	0.01147

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	0.00	0.01228	9.00	0.00	0.01168
11.00	0.00	0.01084	13.00	0.00	0.01014
15.00	0.00	0.00953	17.00	0.00	0.00899
20.00	0.00	0.00827	25.00	0.00	0.00727
30.00	0.00	0.00645	40.00	0.00	0.00518
50.00	0.00	0.00425	60.00	0.00	0.00354
70.00	0.00	0.00298	80.00	0.00	0.00254
90.00	0.00	0.00218	100.00	0.00	0.00189
-100.00	10.00	0.00282	-90.00	10.00	0.00317
-80.00	10.00	0.00360	-70.00	10.00	0.00411
-60.00	10.00	0.00473	-50.00	10.00	0.00548
-40.00	10.00	0.00641	-30.00	10.00	0.00756
-25.00	10.00	0.00827	-20.00	10.00	0.00914
-17.00	10.00	0.00977	-15.00	10.00	0.01026
-13.00	10.00	0.01082	-11.00	10.00	0.01148
-9.00	10.00	0.01229	9.00	10.00	0.01171
11.00	10.00	0.01087	13.00	10.00	0.01017
15.00	10.00	0.00955	17.00	10.00	0.00901

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

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 \*\*MODELOPTs:  
 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	0.00829	25.00	10.00	0.00729
30.00	10.00	0.00647	40.00	10.00	0.00520
50.00	10.00	0.00427	60.00	10.00	0.00356
70.00	10.00	0.00300	80.00	10.00	0.00255
90.00	10.00	0.00220	100.00	10.00	0.00190
-100.00	20.00	0.00279	-90.00	20.00	0.00315
-80.00	20.00	0.00357	-70.00	20.00	0.00409
-60.00	20.00	0.00471	-50.00	20.00	0.00547
-40.00	20.00	0.00640	-30.00	20.00	0.00756
-25.00	20.00	0.00827	-20.00	20.00	0.00914
-17.00	20.00	0.00977	-15.00	20.00	0.01026
-13.00	20.00	0.01082	-11.00	20.00	0.01148
-9.00	20.00	0.01229	9.00	20.00	0.01173
11.00	20.00	0.01088	13.00	20.00	0.01018
15.00	20.00	0.00957	17.00	20.00	0.00903
20.00	20.00	0.00831	25.00	20.00	0.00730

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	20.00	0.00649	40.00	20.00	0.00522
50.00	20.00	0.00429	60.00	20.00	0.00357
70.00	20.00	0.00302	80.00	20.00	0.00257
90.00	20.00	0.00221	100.00	20.00	0.00191
-100.00	30.00	0.00277	-90.00	30.00	0.00312
-80.00	30.00	0.00355	-70.00	30.00	0.00407
-60.00	30.00	0.00469	-50.00	30.00	0.00545
-40.00	30.00	0.00638	-30.00	30.00	0.00754
-25.00	30.00	0.00827	-20.00	30.00	0.00913
-17.00	30.00	0.00977	-15.00	30.00	0.01026
-13.00	30.00	0.01082	-11.00	30.00	0.01148
-9.00	30.00	0.01229	9.00	30.00	0.01176
11.00	30.00	0.01090	13.00	30.00	0.01019
15.00	30.00	0.00958	17.00	30.00	0.00904
20.00	30.00	0.00832	25.00	30.00	0.00731
30.00	30.00	0.00649	40.00	30.00	0.00523
50.00	30.00	0.00430	60.00	30.00	0.00359
70.00	30.00	0.00303	80.00	30.00	0.00258
90.00	30.00	0.00222	100.00	30.00	0.00192
-100.00	40.00	0.00274	-90.00	40.00	0.00309
-80.00	40.00	0.00352	-70.00	40.00	0.00404
-60.00	40.00	0.00466	-50.00	40.00	0.00542
-40.00	40.00	0.00636	-30.00	40.00	0.00752
-25.00	40.00	0.00824	-20.00	40.00	0.00912

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00975	-15.00	40.00	0.01024
-13.00	40.00	0.01080	-11.00	40.00	0.01148
-9.00	40.00	0.01232	9.00	40.00	0.01178
11.00	40.00	0.01091	13.00	40.00	0.01018
15.00	40.00	0.00958	17.00	40.00	0.00904
20.00	40.00	0.00832	25.00	40.00	0.00732
30.00	40.00	0.00650	40.00	40.00	0.00524
50.00	40.00	0.00431	60.00	40.00	0.00360
70.00	40.00	0.00304	80.00	40.00	0.00259
90.00	40.00	0.00223	100.00	40.00	0.00193

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	50.00	0.00270	-90.00	50.00	0.00306
-80.00	50.00	0.00349	-70.00	50.00	0.00400
-60.00	50.00	0.00463	-50.00	50.00	0.00539
-40.00	50.00	0.00632	-30.00	50.00	0.00749
-25.00	50.00	0.00822	-20.00	50.00	0.00909
-17.00	50.00	0.00973	-15.00	50.00	0.01022
-13.00	50.00	0.01078	-11.00	50.00	0.01146
-9.00	50.00	0.01230	9.00	50.00	0.01174
11.00	50.00	0.01091	13.00	50.00	0.01020
15.00	50.00	0.00959	17.00	50.00	0.00904
20.00	50.00	0.00832	25.00	50.00	0.00732
30.00	50.00	0.00650	40.00	50.00	0.00524
50.00	50.00	0.00431	60.00	50.00	0.00360
70.00	50.00	0.00304	80.00	50.00	0.00259
90.00	50.00	0.00223	100.00	50.00	0.00194
-100.00	60.00	0.00266	-90.00	60.00	0.00302
-80.00	60.00	0.00345	-70.00	60.00	0.00396
-60.00	60.00	0.00458	-50.00	60.00	0.00534
-40.00	60.00	0.00628	-30.00	60.00	0.00746
-25.00	60.00	0.00818	-20.00	60.00	0.00906
-17.00	60.00	0.00970	-15.00	60.00	0.01020
-13.00	60.00	0.01077	-11.00	60.00	0.01145
-9.00	60.00	0.01228	9.00	60.00	0.01169
11.00	60.00	0.01087	13.00	60.00	0.01018
15.00	60.00	0.00957	17.00	60.00	0.00903
20.00	60.00	0.00831	25.00	60.00	0.00732
30.00	60.00	0.00650	40.00	60.00	0.00524
50.00	60.00	0.00431	60.00	60.00	0.00360
70.00	60.00	0.00304	80.00	60.00	0.00259
90.00	60.00	0.00223	100.00	60.00	0.00194

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER      IN MICROGRAMS/M**3      **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00262	-90.00	70.00	0.00297
-80.00	70.00	0.00340	-70.00	70.00	0.00391
-60.00	70.00	0.00453	-50.00	70.00	0.00529
-40.00	70.00	0.00623	-30.00	70.00	0.00741

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	70.00	0.00814	-20.00	70.00	0.00902
-17.00	70.00	0.00966	-15.00	70.00	0.01016
-13.00	70.00	0.01073	-11.00	70.00	0.01140
-9.00	70.00	0.01224	9.00	70.00	0.01167
11.00	70.00	0.01085	13.00	70.00	0.01015
15.00	70.00	0.00955	17.00	70.00	0.00901
20.00	70.00	0.00830	25.00	70.00	0.00730
30.00	70.00	0.00649	40.00	70.00	0.00523
50.00	70.00	0.00430	60.00	70.00	0.00359
70.00	70.00	0.00303	80.00	70.00	0.00259
90.00	70.00	0.00223	100.00	70.00	0.00194
-100.00	80.00	0.00257	-90.00	80.00	0.00292
-80.00	80.00	0.00335	-70.00	80.00	0.00385
-60.00	80.00	0.00447	-50.00	80.00	0.00523
-40.00	80.00	0.00617	-30.00	80.00	0.00735
-25.00	80.00	0.00809	-20.00	80.00	0.00897
-17.00	80.00	0.00961	-15.00	80.00	0.01011
-13.00	80.00	0.01068	-11.00	80.00	0.01136
-9.00	80.00	0.01218	9.00	80.00	0.01164
11.00	80.00	0.01082	13.00	80.00	0.01013
15.00	80.00	0.00952	17.00	80.00	0.00899
20.00	80.00	0.00827	25.00	80.00	0.00728
30.00	80.00	0.00647	40.00	80.00	0.00521
50.00	80.00	0.00429	60.00	80.00	0.00358
70.00	80.00	0.00302	80.00	80.00	0.00258
90.00	80.00	0.00223	100.00	80.00	0.00194
-100.00	90.00	0.00251	-90.00	90.00	0.00286
-80.00	90.00	0.00328	-70.00	90.00	0.00379
-60.00	90.00	0.00440	-50.00	90.00	0.00516
-40.00	90.00	0.00609	-30.00	90.00	0.00728
-25.00	90.00	0.00802	-20.00	90.00	0.00890
-17.00	90.00	0.00955	-15.00	90.00	0.01005
-13.00	90.00	0.01062	-11.00	90.00	0.01130
-9.00	90.00	0.01212	9.00	90.00	0.01161
11.00	90.00	0.01078	13.00	90.00	0.01009
15.00	90.00	0.00949	17.00	90.00	0.00895

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

16:28:19  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*



02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00824	25.00	90.00	0.00726
30.00	90.00	0.00645	40.00	90.00	0.00519
50.00	90.00	0.00427	60.00	90.00	0.00356
70.00	90.00	0.00301	80.00	90.00	0.00257
90.00	90.00	0.00222	100.00	90.00	0.00193
-100.00	100.00	0.00244	-90.00	100.00	0.00279
-80.00	100.00	0.00321	-70.00	100.00	0.00371
-60.00	100.00	0.00432	-50.00	100.00	0.00507
-40.00	100.00	0.00600	-30.00	100.00	0.00719
-25.00	100.00	0.00793	-20.00	100.00	0.00882
-17.00	100.00	0.00947	-15.00	100.00	0.00997
-13.00	100.00	0.01055	-11.00	100.00	0.01122
-9.00	100.00	0.01205	9.00	100.00	0.01158
11.00	100.00	0.01074	13.00	100.00	0.01005
15.00	100.00	0.00945	17.00	100.00	0.00891
20.00	100.00	0.00820	25.00	100.00	0.00722
30.00	100.00	0.00641	40.00	100.00	0.00516
50.00	100.00	0.00424	60.00	100.00	0.00354
70.00	100.00	0.00299	80.00	100.00	0.00256
90.00	100.00	0.00221	100.00	100.00	0.00193
-100.00	110.00	0.00237	-90.00	110.00	0.00272
-80.00	110.00	0.00313	-70.00	110.00	0.00363
-60.00	110.00	0.00423	-50.00	110.00	0.00497
-40.00	110.00	0.00590	-30.00	110.00	0.00709
-25.00	110.00	0.00783	-20.00	110.00	0.00872
-17.00	110.00	0.00938	-15.00	110.00	0.00988
-13.00	110.00	0.01045	-11.00	110.00	0.01113
-9.00	110.00	0.01196	9.00	110.00	0.01152
11.00	110.00	0.01068	13.00	110.00	0.01000
15.00	110.00	0.00940	17.00	110.00	0.00886
20.00	110.00	0.00816	25.00	110.00	0.00717
30.00	110.00	0.00637	40.00	110.00	0.00513
50.00	110.00	0.00421	60.00	110.00	0.00351
70.00	110.00	0.00297	80.00	110.00	0.00254
90.00	110.00	0.00220	100.00	110.00	0.00193
-100.00	120.00	0.00229	-90.00	120.00	0.00263
-80.00	120.00	0.00304	-70.00	120.00	0.00353
-60.00	120.00	0.00413	-50.00	120.00	0.00486
-40.00	120.00	0.00577	-30.00	120.00	0.00695
-25.00	120.00	0.00770	-20.00	120.00	0.00860

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:28:19  
 \*\*MODELOPTS:  
 PAGE 137  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00926	-15.00	120.00	0.00977
-13.00	120.00	0.01035	-11.00	120.00	0.01103
-9.00	120.00	0.01185	9.00	120.00	0.01147
11.00	120.00	0.01062	13.00	120.00	0.00993
15.00	120.00	0.00933	17.00	120.00	0.00880
20.00	120.00	0.00810	25.00	120.00	0.00712
30.00	120.00	0.00632	40.00	120.00	0.00508
50.00	120.00	0.00417	60.00	120.00	0.00348
70.00	120.00	0.00294	80.00	120.00	0.00253
90.00	120.00	0.00219	100.00	120.00	0.00192
-100.00	130.00	0.00220	-90.00	130.00	0.00253
-80.00	130.00	0.00293	-70.00	130.00	0.00341
-60.00	130.00	0.00401	-50.00	130.00	0.00473
-40.00	130.00	0.00563	-30.00	130.00	0.00680
-25.00	130.00	0.00754	-20.00	130.00	0.00845
-17.00	130.00	0.00911	-15.00	130.00	0.00962
-13.00	130.00	0.01020	-11.00	130.00	0.01090
-9.00	130.00	0.01176	9.00	130.00	0.01140
11.00	130.00	0.01055	13.00	130.00	0.00984
15.00	130.00	0.00925	17.00	130.00	0.00873
20.00	130.00	0.00803	25.00	130.00	0.00705
30.00	130.00	0.00625	40.00	130.00	0.00502
50.00	130.00	0.00412	60.00	130.00	0.00344
70.00	130.00	0.00292	80.00	130.00	0.00251
90.00	130.00	0.00218	100.00	130.00	0.00191
-100.00	140.00	0.00210	-90.00	140.00	0.00242
-80.00	140.00	0.00280	-70.00	140.00	0.00328
-60.00	140.00	0.00386	-50.00	140.00	0.00458
-40.00	140.00	0.00547	-30.00	140.00	0.00662
-25.00	140.00	0.00736	-20.00	140.00	0.00827
-17.00	140.00	0.00893	-15.00	140.00	0.00944
-13.00	140.00	0.01003	-11.00	140.00	0.01073
-9.00	140.00	0.01160	9.00	140.00	0.01127
11.00	140.00	0.01046	13.00	140.00	0.00976
15.00	140.00	0.00917	17.00	140.00	0.00864
20.00	140.00	0.00795	25.00	140.00	0.00697

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	140.00	0.00618	40.00	140.00	0.00496
50.00	140.00	0.00406	60.00	140.00	0.00340
70.00	140.00	0.00289	80.00	140.00	0.00249
90.00	140.00	0.00217	100.00	140.00	0.00191

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

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 \*\*MODELOPTs:  
 PAGE 138  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00199	-90.00	150.00	0.00229
-80.00	150.00	0.00267	-70.00	150.00	0.00313
-60.00	150.00	0.00370	-50.00	150.00	0.00440
-40.00	150.00	0.00527	-30.00	150.00	0.00641
-25.00	150.00	0.00714	-20.00	150.00	0.00804
-17.00	150.00	0.00871	-15.00	150.00	0.00923
-13.00	150.00	0.00983	-11.00	150.00	0.01054
-9.00	150.00	0.01141	9.00	150.00	0.01110
11.00	150.00	0.01030	13.00	150.00	0.00964
15.00	150.00	0.00905	17.00	150.00	0.00853
20.00	150.00	0.00784	25.00	150.00	0.00688
30.00	150.00	0.00609	40.00	150.00	0.00488
50.00	150.00	0.00400	60.00	150.00	0.00335
70.00	150.00	0.00286	80.00	150.00	0.00247
90.00	150.00	0.00215	100.00	150.00	0.00190
-100.00	160.00	0.00188	-90.00	160.00	0.00216
-80.00	160.00	0.00252	-70.00	160.00	0.00296
-60.00	160.00	0.00350	-50.00	160.00	0.00419
-40.00	160.00	0.00504	-30.00	160.00	0.00616
-25.00	160.00	0.00687	-20.00	160.00	0.00777
-17.00	160.00	0.00844	-15.00	160.00	0.00896
-13.00	160.00	0.00957	-11.00	160.00	0.01027
-9.00	160.00	0.01114	9.00	160.00	0.01094
11.00	160.00	0.01015	13.00	160.00	0.00948
15.00	160.00	0.00891	17.00	160.00	0.00839
20.00	160.00	0.00771	25.00	160.00	0.00675
30.00	160.00	0.00598	40.00	160.00	0.00479
50.00	160.00	0.00394	60.00	160.00	0.00331
70.00	160.00	0.00283	80.00	160.00	0.00245
90.00	160.00	0.00214	100.00	160.00	0.00189

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	170.00	0.00176	-90.00	170.00	0.00203
-80.00	170.00	0.00235	-70.00	170.00	0.00277
-60.00	170.00	0.00328	-50.00	170.00	0.00394
-40.00	170.00	0.00477	-30.00	170.00	0.00586
-25.00	170.00	0.00656	-20.00	170.00	0.00744
-17.00	170.00	0.00810	-15.00	170.00	0.00862
-13.00	170.00	0.00923	-11.00	170.00	0.00995
-9.00	170.00	0.01082	9.00	170.00	0.01074
11.00	170.00	0.00996	13.00	170.00	0.00930
15.00	170.00	0.00873	17.00	170.00	0.00822

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00755	25.00	170.00	0.00661
30.00	170.00	0.00584	40.00	170.00	0.00469
50.00	170.00	0.00387	60.00	170.00	0.00327
70.00	170.00	0.00280	80.00	170.00	0.00243
90.00	170.00	0.00213	100.00	170.00	0.00188
-100.00	180.00	0.00164	-90.00	180.00	0.00188
-80.00	180.00	0.00218	-70.00	180.00	0.00256
-60.00	180.00	0.00304	-50.00	180.00	0.00365
-40.00	180.00	0.00445	-30.00	180.00	0.00550
-25.00	180.00	0.00618	-20.00	180.00	0.00704
-17.00	180.00	0.00769	-15.00	180.00	0.00821
-13.00	180.00	0.00881	-11.00	180.00	0.00953
-9.00	180.00	0.01041	9.00	180.00	0.01052
11.00	180.00	0.00974	13.00	180.00	0.00909
15.00	180.00	0.00852	17.00	180.00	0.00802
20.00	180.00	0.00736	25.00	180.00	0.00644
30.00	180.00	0.00570	40.00	180.00	0.00459
50.00	180.00	0.00381	60.00	180.00	0.00322
70.00	180.00	0.00277	80.00	180.00	0.00240
90.00	180.00	0.00210	100.00	180.00	0.00186
-100.00	190.00	0.00151	-90.00	190.00	0.00173
-80.00	190.00	0.00201	-70.00	190.00	0.00235
-60.00	190.00	0.00278	-50.00	190.00	0.00334
-40.00	190.00	0.00407	-30.00	190.00	0.00507

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	190.00	0.00573	-20.00	190.00	0.00656
-17.00	190.00	0.00719	-15.00	190.00	0.00770
-13.00	190.00	0.00829	-11.00	190.00	0.00901
-9.00	190.00	0.00989	9.00	190.00	0.01024
11.00	190.00	0.00946	13.00	190.00	0.00883
15.00	190.00	0.00827	17.00	190.00	0.00778
20.00	190.00	0.00713	25.00	190.00	0.00625
30.00	190.00	0.00555	40.00	190.00	0.00450
50.00	190.00	0.00375	60.00	190.00	0.00318
70.00	190.00	0.00273	80.00	190.00	0.00237
90.00	190.00	0.00208	100.00	190.00	0.00184
-100.00	200.00	0.00139	-90.00	200.00	0.00159
-80.00	200.00	0.00183	-70.00	200.00	0.00213
-60.00	200.00	0.00252	-50.00	200.00	0.00301
-40.00	200.00	0.00366	-30.00	200.00	0.00457
-25.00	200.00	0.00519	-20.00	200.00	0.00599

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00660	-15.00	200.00	0.00709
-13.00	200.00	0.00766	-11.00	200.00	0.00836
-9.00	200.00	0.00924	9.00	200.00	0.00989
11.00	200.00	0.00912	13.00	200.00	0.00851
15.00	200.00	0.00798	17.00	200.00	0.00751
20.00	200.00	0.00690	25.00	200.00	0.00607
30.00	200.00	0.00542	40.00	200.00	0.00442
50.00	200.00	0.00368	60.00	200.00	0.00312
70.00	200.00	0.00268	80.00	200.00	0.00233
90.00	200.00	0.00205	100.00	200.00	0.00181
-100.00	210.00	0.00128	-90.00	210.00	0.00145
-80.00	210.00	0.00166	-70.00	210.00	0.00192
-60.00	210.00	0.00225	-50.00	210.00	0.00268
-40.00	210.00	0.00324	-30.00	210.00	0.00404
-25.00	210.00	0.00459	-20.00	210.00	0.00532
-17.00	210.00	0.00589	-15.00	210.00	0.00635
-13.00	210.00	0.00690	-11.00	210.00	0.00756
-9.00	210.00	0.00841	9.00	210.00	0.00947

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	210.00	0.00875	13.00	210.00	0.00817
15.00	210.00	0.00768	17.00	210.00	0.00726
20.00	210.00	0.00670	25.00	210.00	0.00592
30.00	210.00	0.00528	40.00	210.00	0.00431
50.00	210.00	0.00359	60.00	210.00	0.00305
70.00	210.00	0.00263	80.00	210.00	0.00229
90.00	210.00	0.00201	100.00	210.00	0.00179
-100.00	220.00	0.00118	-90.00	220.00	0.00133
-80.00	220.00	0.00152	-70.00	220.00	0.00174
-60.00	220.00	0.00203	-50.00	220.00	0.00239
-40.00	220.00	0.00286	-30.00	220.00	0.00354
-25.00	220.00	0.00401	-20.00	220.00	0.00463
-17.00	220.00	0.00512	-15.00	220.00	0.00551
-13.00	220.00	0.00599	-11.00	220.00	0.00657
-9.00	220.00	0.00731	9.00	220.00	0.00907
11.00	220.00	0.00842	13.00	220.00	0.00787
15.00	220.00	0.00742	17.00	220.00	0.00702
20.00	220.00	0.00648	25.00	220.00	0.00573
30.00	220.00	0.00512	40.00	220.00	0.00419
50.00	220.00	0.00350	60.00	220.00	0.00298
70.00	220.00	0.00257	80.00	220.00	0.00224
90.00	220.00	0.00198	100.00	220.00	0.00176

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08  
 16:28:19      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00109	-90.00	230.00	0.00123
-80.00	230.00	0.00139	-70.00	230.00	0.00159
-60.00	230.00	0.00184	-50.00	230.00	0.00215
-40.00	230.00	0.00257	-30.00	230.00	0.00317
-25.00	230.00	0.00359	-20.00	230.00	0.00414
-17.00	230.00	0.00457	-15.00	230.00	0.00492
-13.00	230.00	0.00533	-11.00	230.00	0.00582
-9.00	230.00	0.00642	9.00	230.00	0.00838
11.00	230.00	0.00788	13.00	230.00	0.00743
15.00	230.00	0.00702	17.00	230.00	0.00665
20.00	230.00	0.00617	25.00	230.00	0.00547
30.00	230.00	0.00491	40.00	230.00	0.00403

02NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	230.00	0.00339	60.00	230.00	0.00289
70.00	230.00	0.00250	80.00	230.00	0.00219
90.00	230.00	0.00194	100.00	230.00	0.00172
-100.00	240.00	0.00101	-90.00	240.00	0.00113
-80.00	240.00	0.00128	-70.00	240.00	0.00146
-60.00	240.00	0.00168	-50.00	240.00	0.00197
-40.00	240.00	0.00236	-30.00	240.00	0.00294
-25.00	240.00	0.00335	-20.00	240.00	0.00389
-17.00	240.00	0.00432	-15.00	240.00	0.00466
-13.00	240.00	0.00506	-11.00	240.00	0.00551
-9.00	240.00	0.00600	9.00	240.00	0.00704
11.00	240.00	0.00677	13.00	240.00	0.00650
15.00	240.00	0.00623	17.00	240.00	0.00597
20.00	240.00	0.00560	25.00	240.00	0.00505
30.00	240.00	0.00458	40.00	240.00	0.00382
50.00	240.00	0.00324	60.00	240.00	0.00278
70.00	240.00	0.00242	80.00	240.00	0.00213
90.00	240.00	0.00189	100.00	240.00	0.00169
-100.00	250.00	0.00094	-90.00	250.00	0.00105
-80.00	250.00	0.00119	-70.00	250.00	0.00136
-60.00	250.00	0.00157	-50.00	250.00	0.00184
-40.00	250.00	0.00223	-30.00	250.00	0.00279
-25.00	250.00	0.00320	-20.00	250.00	0.00372
-17.00	250.00	0.00410	-15.00	250.00	0.00438
-13.00	250.00	0.00469	-11.00	250.00	0.00500
-9.00	250.00	0.00532	9.00	250.00	0.00585
11.00	250.00	0.00570	13.00	250.00	0.00554
15.00	250.00	0.00537	17.00	250.00	0.00520

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 16:28:19  
 \*\*MODELOPTs: \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00495	25.00	250.00	0.00455
30.00	250.00	0.00418	40.00	250.00	0.00356
50.00	250.00	0.00306	60.00	250.00	0.00265
70.00	250.00	0.00233	80.00	250.00	0.00206
90.00	250.00	0.00183	100.00	250.00	0.00164

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

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\*\*\* 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	0.00688 AT ( 9.00, 200.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00683 AT ( 9.00, 210.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00677 AT ( 9.00, 190.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00673 AT ( 9.00, 220.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00658 AT ( -9.00, 180.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00658 AT ( -9.00, 190.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00648 AT ( 9.00, 180.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00637 AT ( -9.00, 170.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00634 AT ( -9.00, 200.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00629 AT ( 9.00, 230.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00688 AT ( 9.00, 110.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00683 AT ( 9.00, 120.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00677 AT ( 9.00, 100.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00673 AT ( 9.00, 130.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00658 AT ( -9.00, 90.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00658 AT ( -9.00, 100.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00648 AT ( 9.00, 90.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00637 AT ( -9.00, 80.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00634 AT ( -9.00, 110.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00629 AT ( 9.00, 140.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00688 AT ( 9.00, 20.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00683 AT ( 9.00, 30.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00677 AT ( 9.00, 10.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00673 AT ( 9.00, 40.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00658 AT ( -9.00, 0.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00658 AT ( -9.00, 10.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00648 AT ( 9.00, 0.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00637 AT ( -9.00, -10.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00634 AT ( -9.00, 20.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00629 AT ( 9.00, 50.00, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* 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	0.00688 AT ( 9.00, -70.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00683 AT ( 9.00, -60.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00677 AT ( 9.00, -80.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00673 AT ( 9.00, -50.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00658 AT ( -9.00, -90.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00658 AT ( -9.00, -80.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00648 AT ( 9.00, -90.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00637 AT ( -9.00, -100.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00634 AT ( -9.00, -70.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00629 AT ( 9.00, -40.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00688 AT ( 9.00, -160.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00683 AT ( 9.00, -150.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00677 AT ( 9.00, -170.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00673 AT ( 9.00, -140.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00658 AT ( -9.00, -180.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00658 AT ( -9.00, -170.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00648 AT ( 9.00, -180.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00637 AT ( -9.00, -190.00, 0.00, 1.20)	DC	NA



		02NCRA_NAPA95-300_DPM_TRAV_ANN_N-S Bound							
	9TH HIGHEST VALUE IS	0.00634	AT (	-9.00,	-160.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00629	AT (	9.00,	-130.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01232	AT (	-9.00,	40.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01230	AT (	-9.00,	50.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01229	AT (	-9.00,	20.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01229	AT (	-9.00,	10.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01229	AT (	-9.00,	30.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01228	AT (	-9.00,	60.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01228	AT (	-9.00,	0.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01227	AT (	-9.00,	-10.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01225	AT (	-9.00,	-20.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01224	AT (	-9.00,	70.00,	0.00,	1.20)	DC	NA

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

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

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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 62 Informational Message(s)  
 A Total of 62 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*