

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 16:37:33

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Napa\03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound.dat

\*\* Trinity Consultants

CO STARTING

CO TITLEONE NCRA Cumulative DPM Impacts

CO TITLETWO Maximum train overlap at North/South Bound Direction

CO MODELOPT DFAULT CONC URBAN

CO AVERTIME ANNUAL

CO POLLUTID OTHER

CO TERRHGTS FLAT

CO FLAGPOLE 1.2

CO RUNORNOT RUN

CO FINISHED

SO STARTING

SO ELEVUNIT METERS

SO LOCATION NCRA\_S1 AREA -4.5 135.0 0

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

SO LOCATION NCRA\_S2 AREA -4.5 45.0 0

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

SO LOCATION NCRA\_S3 AREA -4.5 -45.0 0

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

SO LOCATION NCRA\_S4 AREA -4.5 -135.0 0

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

SO LOCATION NCRA\_S5 AREA -4.5 -225.0 0

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

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

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

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

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

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

SO SRCGROUP NCRA\_S1 NCRA\_S1

SO SRCGROUP NCRA\_S2 NCRA\_S2

SO SRCGROUP NCRA\_S3 NCRA\_S3

SO SRCGROUP NCRA\_S4 NCRA\_S4

SO SRCGROUP NCRA\_S5 NCRA\_S5

SO SRCGROUP ALL

SO FINISHED

RE STARTING

RE DISCCART	-100.0	-250.0	1.2
RE DISCCART	-90.0	-250.0	1.2
RE DISCCART	-80.0	-250.0	1.2
RE DISCCART	-70.0	-250.0	1.2
RE DISCCART	-60.0	-250.0	1.2
RE DISCCART	-50.0	-250.0	1.2
RE DISCCART	-40.0	-250.0	1.2
RE DISCCART	-30.0	-250.0	1.2
RE DISCCART	-25.0	-250.0	1.2
RE DISCCART	-20.0	-250.0	1.2
RE DISCCART	-17.0	-250.0	1.2
RE DISCCART	-15.0	-250.0	1.2
RE DISCCART	-13.0	-250.0	1.2
RE DISCCART	-11.0	-250.0	1.2
RE DISCCART	-9.0	-250.0	1.2
RE DISCCART	9.0	-250.0	1.2
RE DISCCART	11.0	-250.0	1.2
RE DISCCART	13.0	-250.0	1.2
RE DISCCART	15.0	-250.0	1.2
RE DISCCART	17.0	-250.0	1.2
RE DISCCART	20.0	-250.0	1.2
RE DISCCART	25.0	-250.0	1.2
RE DISCCART	30.0	-250.0	1.2
RE DISCCART	40.0	-250.0	1.2
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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
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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
RE DISCCART	-50.0	-230.0	1.2
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RE DISCCART	-30.0	-230.0	1.2
RE DISCCART	-25.0	-230.0	1.2
RE DISCCART	-20.0	-230.0	1.2
RE DISCCART	-17.0	-230.0	1.2
RE DISCCART	-15.0	-230.0	1.2
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RE DISCCART	13.0	-230.0	1.2
RE DISCCART	15.0	-230.0	1.2
RE DISCCART	17.0	-230.0	1.2
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RE DISCCART	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
RE DISCCART	-15.0	-220.0	1.2
RE DISCCART	-13.0	-220.0	1.2
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RE DISCCART	30.0	-220.0	1.2
RE DISCCART	40.0	-220.0	1.2
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RE DISCCART	90.0	-220.0	1.2
RE DISCCART	100.0	-220.0	1.2
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RE DISCCART	-90.0	-210.0	1.2
RE DISCCART	-80.0	-210.0	1.2
RE DISCCART	-70.0	-210.0	1.2
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RE DISCCART	-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	-40.0	-190.0	1.2
RE DISCCART	-30.0	-190.0	1.2
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RE DISCCART	-80.0	-180.0	1.2
RE DISCCART	-70.0	-180.0	1.2
RE DISCCART	-60.0	-180.0	1.2
RE DISCCART	-50.0	-180.0	1.2
RE DISCCART	-40.0	-180.0	1.2
RE DISCCART	-30.0	-180.0	1.2
RE DISCCART	-25.0	-180.0	1.2

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

RE DISCCART	40.0	-170.0	1.2
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RE DISCCART	60.0	-160.0	1.2
RE DISCCART	70.0	-160.0	1.2
RE DISCCART	80.0	-160.0	1.2
RE DISCCART	90.0	-160.0	1.2
RE DISCCART	100.0	-160.0	1.2
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RE DISCCART	-20.0	-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
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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
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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
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RE DISCCART	-15.0	170.0	1.2
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RE DISCCART	-11.0	170.0	1.2
RE DISCCART	-9.0	170.0	1.2

RE DISCCART	9.0	170.0	1.2
RE DISCCART	11.0	170.0	1.2
RE DISCCART	13.0	170.0	1.2
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RE DISCCART	-17.0	230.0	1.2

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RE DISCCART	-13.0	230.0	1.2
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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
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RE DISCCART	25.0	240.0	1.2
RE DISCCART	30.0	240.0	1.2
RE DISCCART	40.0	240.0	1.2
RE DISCCART	50.0	240.0	1.2

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

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP97300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 1997

ME UAIRDATA 4901 1997

ME STARTEND 1997 01 01 1 1997 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

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

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

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

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

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

16:37:33

\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

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

\*\*Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

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

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

\*\*NO WET SCAVENGING Data Provided.

\*\*NO GAS DRY DEPOSITION Data Provided.

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

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:

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

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

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

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

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

\*\*Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

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

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

0.10000E+07

Output Units = MICROGRAMS/M\*\*3

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

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\03NCRA-1.DAT



03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN N-S Bound

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

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

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN N-S Bound

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

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

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

16:37:33

\*\*MODELOPTs:

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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);

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN N-S Bound

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

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

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

16:37:33

\*\*MODELOPTs:

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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);

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN N-S Bound

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

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

16:37:33  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN N-S Bound

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

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

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

16:37:33  
 \*\*MODELOPTs:  
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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);

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:37:33

\*\*MODELOPTs:

PAGE 10

CONC

URBAN FLAT FLGPOL DFAULT

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound  
(METERS)

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:37:33

\*\*MODELOPTs:

PAGE 11

CONC

URBAN FLAT FLGPOL DFAULT

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

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN N-S Bound

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

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

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

16:37:33

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:37:33

\*\*MODELOPTs:

PAGE 13

CONC

URBAN FLAT FLGPOL DFAULT

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

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN N-S Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:37:33

\*\*MODELOPTs:

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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);

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN N-S Bound

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

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

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

16:37:33  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN N-S Bound

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

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN N-S Bound

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

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

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

16:37:33

\*\*MODELOPTs:  
 PAGE 17

CONC URBAN FLAT FLGPOL DFAULT

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

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN N-S Bound

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

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

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

16:37:33

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN N-S Bound

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

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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);

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN N-S Bound

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

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

04/20/08

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

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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);

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN N-S Bound

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

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* 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)



03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
97	01	01	01	1.0	3.40	288.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	02	14.0	3.58	288.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	03	18.0	3.40	288.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	04	11.0	3.80	288.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	05	28.0	3.67	288.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	06	39.0	3.93	288.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	07	47.0	3.89	288.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	08	50.0	3.31	287.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	09	45.0	3.13	287.7	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	10	17.0	3.93	287.9	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	11	29.0	3.89	288.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	12	26.0	3.93	288.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	13	15.0	2.55	288.1	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	14	13.0	2.95	288.2	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	15	35.0	3.58	288.2	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	16	32.0	3.08	288.4	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	17	23.0	2.95	288.2	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	18	16.0	2.73	287.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	19	22.0	2.68	287.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	20	17.0	2.24	287.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	21	16.0	2.24	287.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	22	16.0	2.19	287.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	23	24.0	2.28	287.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
97	01	01	24	11.0	2.28	287.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

1 \*\*\* ICSST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/20/08

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

16:37:33

\*\*MODELOPTs:  
PAGE 23

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

16:37:33  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

16:37:33

\*\*MODELOPTS:  
 PAGE 25

CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-200.00	0.00011	25.00	-200.00	0.00011
30.00	-200.00	0.00010	40.00	-200.00	0.00010
50.00	-200.00	0.00009	60.00	-200.00	0.00009
70.00	-200.00	0.00008	80.00	-200.00	0.00008
90.00	-200.00	0.00008	100.00	-200.00	0.00007
-100.00	-190.00	0.00016	-90.00	-190.00	0.00016
-80.00	-190.00	0.00016	-70.00	-190.00	0.00015
-60.00	-190.00	0.00015	-50.00	-190.00	0.00015
-40.00	-190.00	0.00015	-30.00	-190.00	0.00014
-25.00	-190.00	0.00014	-20.00	-190.00	0.00014
-17.00	-190.00	0.00014	-15.00	-190.00	0.00014
-13.00	-190.00	0.00013	-11.00	-190.00	0.00013
-9.00	-190.00	0.00013	9.00	-190.00	0.00012
11.00	-190.00	0.00012	13.00	-190.00	0.00012
15.00	-190.00	0.00012	17.00	-190.00	0.00012
20.00	-190.00	0.00011	25.00	-190.00	0.00011
30.00	-190.00	0.00011	40.00	-190.00	0.00010
50.00	-190.00	0.00010	60.00	-190.00	0.00009
70.00	-190.00	0.00009	80.00	-190.00	0.00008
90.00	-190.00	0.00008	100.00	-190.00	0.00008
-100.00	-180.00	0.00016	-90.00	-180.00	0.00016
-80.00	-180.00	0.00016	-70.00	-180.00	0.00016
-60.00	-180.00	0.00016	-50.00	-180.00	0.00016
-40.00	-180.00	0.00015	-30.00	-180.00	0.00015
-25.00	-180.00	0.00015	-20.00	-180.00	0.00015
-17.00	-180.00	0.00014	-15.00	-180.00	0.00014
-13.00	-180.00	0.00014	-11.00	-180.00	0.00014
-9.00	-180.00	0.00014	9.00	-180.00	0.00013
11.00	-180.00	0.00013	13.00	-180.00	0.00012
15.00	-180.00	0.00012	17.00	-180.00	0.00012
20.00	-180.00	0.00012	25.00	-180.00	0.00012
30.00	-180.00	0.00011	40.00	-180.00	0.00011
50.00	-180.00	0.00010	60.00	-180.00	0.00010
70.00	-180.00	0.00009	80.00	-180.00	0.00009
90.00	-180.00	0.00008	100.00	-180.00	0.00008

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at North/South Bound Direction      \*\*\*  
 16:37:33  
 \*\*MODELOPTs:  
 PAGE 26  
 CONC      URBAN FLAT    FLGPOL DFAULT

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound  
CONC

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:37:33  
\*\*MODELOPTS:

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

16:37:33

\*\*MODELOPTs:

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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	0.00020
-13.00	-120.00	0.00020	-11.00	-120.00	0.00020
-9.00	-120.00	0.00020	9.00	-120.00	0.00018
11.00	-120.00	0.00017	13.00	-120.00	0.00017
15.00	-120.00	0.00017	17.00	-120.00	0.00017
20.00	-120.00	0.00016	25.00	-120.00	0.00016
30.00	-120.00	0.00015	40.00	-120.00	0.00014
50.00	-120.00	0.00014	60.00	-120.00	0.00013
70.00	-120.00	0.00012	80.00	-120.00	0.00011
90.00	-120.00	0.00011	100.00	-120.00	0.00010
-100.00	-110.00	0.00024	-90.00	-110.00	0.00024
-80.00	-110.00	0.00024	-70.00	-110.00	0.00024
-60.00	-110.00	0.00024	-50.00	-110.00	0.00024
-40.00	-110.00	0.00023	-30.00	-110.00	0.00023
-25.00	-110.00	0.00022	-20.00	-110.00	0.00022
-17.00	-110.00	0.00022	-15.00	-110.00	0.00021
-13.00	-110.00	0.00021	-11.00	-110.00	0.00021
-9.00	-110.00	0.00021	9.00	-110.00	0.00019
11.00	-110.00	0.00019	13.00	-110.00	0.00018
15.00	-110.00	0.00018	17.00	-110.00	0.00018
20.00	-110.00	0.00017	25.00	-110.00	0.00017
30.00	-110.00	0.00016	40.00	-110.00	0.00015
50.00	-110.00	0.00014	60.00	-110.00	0.00013
70.00	-110.00	0.00012	80.00	-110.00	0.00012
90.00	-110.00	0.00011	100.00	-110.00	0.00010
-100.00	-100.00	0.00025	-90.00	-100.00	0.00026
-80.00	-100.00	0.00026	-70.00	-100.00	0.00026
-60.00	-100.00	0.00026	-50.00	-100.00	0.00026
-40.00	-100.00	0.00025	-30.00	-100.00	0.00024
-25.00	-100.00	0.00024	-20.00	-100.00	0.00024
-17.00	-100.00	0.00023	-15.00	-100.00	0.00023

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

16:37:33

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-80.00	0.00021	25.00	-80.00	0.00020
30.00	-80.00	0.00019	40.00	-80.00	0.00018
50.00	-80.00	0.00017	60.00	-80.00	0.00016
70.00	-80.00	0.00014	80.00	-80.00	0.00013
90.00	-80.00	0.00013	100.00	-80.00	0.00012
-100.00	-70.00	0.00030	-90.00	-70.00	0.00031
-80.00	-70.00	0.00032	-70.00	-70.00	0.00032
-60.00	-70.00	0.00032	-50.00	-70.00	0.00032
-40.00	-70.00	0.00031	-30.00	-70.00	0.00030
-25.00	-70.00	0.00030	-20.00	-70.00	0.00029
-17.00	-70.00	0.00029	-15.00	-70.00	0.00029
-13.00	-70.00	0.00028	-11.00	-70.00	0.00028
-9.00	-70.00	0.00028	9.00	-70.00	0.00025
11.00	-70.00	0.00024	13.00	-70.00	0.00024
15.00	-70.00	0.00023	17.00	-70.00	0.00023

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

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

16:37:33

\*\*MODELOPTs:

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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	-70.00	0.00022	25.00	-70.00	0.00022
30.00	-70.00	0.00021	40.00	-70.00	0.00019
50.00	-70.00	0.00018	60.00	-70.00	0.00016
70.00	-70.00	0.00015	80.00	-70.00	0.00014
90.00	-70.00	0.00013	100.00	-70.00	0.00012
-100.00	-60.00	0.00032	-90.00	-60.00	0.00033
-80.00	-60.00	0.00034	-70.00	-60.00	0.00034
-60.00	-60.00	0.00035	-50.00	-60.00	0.00034
-40.00	-60.00	0.00034	-30.00	-60.00	0.00033
-25.00	-60.00	0.00032	-20.00	-60.00	0.00032
-17.00	-60.00	0.00031	-15.00	-60.00	0.00031
-13.00	-60.00	0.00031	-11.00	-60.00	0.00030
-9.00	-60.00	0.00030	9.00	-60.00	0.00026
11.00	-60.00	0.00026	13.00	-60.00	0.00026
15.00	-60.00	0.00025	17.00	-60.00	0.00025
20.00	-60.00	0.00024	25.00	-60.00	0.00023
30.00	-60.00	0.00022	40.00	-60.00	0.00020
50.00	-60.00	0.00019	60.00	-60.00	0.00017
70.00	-60.00	0.00016	80.00	-60.00	0.00015

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-60.00	0.00014	100.00	-60.00	0.00013
-100.00	-50.00	0.00035	-90.00	-50.00	0.00036
-80.00	-50.00	0.00036	-70.00	-50.00	0.00037
-60.00	-50.00	0.00037	-50.00	-50.00	0.00037
-40.00	-50.00	0.00037	-30.00	-50.00	0.00036
-25.00	-50.00	0.00035	-20.00	-50.00	0.00035
-17.00	-50.00	0.00034	-15.00	-50.00	0.00034
-13.00	-50.00	0.00033	-11.00	-50.00	0.00033
-9.00	-50.00	0.00032	9.00	-50.00	0.00028
11.00	-50.00	0.00028	13.00	-50.00	0.00028
15.00	-50.00	0.00027	17.00	-50.00	0.00027
20.00	-50.00	0.00026	25.00	-50.00	0.00025
30.00	-50.00	0.00024	40.00	-50.00	0.00022
50.00	-50.00	0.00020	60.00	-50.00	0.00018
70.00	-50.00	0.00017	80.00	-50.00	0.00016
90.00	-50.00	0.00014	100.00	-50.00	0.00013
-100.00	-40.00	0.00037	-90.00	-40.00	0.00038
-80.00	-40.00	0.00039	-70.00	-40.00	0.00040
-60.00	-40.00	0.00040	-50.00	-40.00	0.00041
-40.00	-40.00	0.00040	-30.00	-40.00	0.00039
-25.00	-40.00	0.00038	-20.00	-40.00	0.00038

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

16:37:33  
 \*\*MODELOPTs:  
 PAGE 31  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00037	-15.00	-40.00	0.00037
-13.00	-40.00	0.00036	-11.00	-40.00	0.00036
-9.00	-40.00	0.00035	9.00	-40.00	0.00031
11.00	-40.00	0.00030	13.00	-40.00	0.00030
15.00	-40.00	0.00029	17.00	-40.00	0.00029
20.00	-40.00	0.00028	25.00	-40.00	0.00027
30.00	-40.00	0.00025	40.00	-40.00	0.00023
50.00	-40.00	0.00021	60.00	-40.00	0.00020
70.00	-40.00	0.00018	80.00	-40.00	0.00017
90.00	-40.00	0.00015	100.00	-40.00	0.00014
-100.00	-30.00	0.00040	-90.00	-30.00	0.00041
-80.00	-30.00	0.00042	-70.00	-30.00	0.00043
-60.00	-30.00	0.00044	-50.00	-30.00	0.00044

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-30.00	0.00044	-30.00	-30.00	0.00043
-25.00	-30.00	0.00042	-20.00	-30.00	0.00041
-17.00	-30.00	0.00041	-15.00	-30.00	0.00040
-13.00	-30.00	0.00040	-11.00	-30.00	0.00039
-9.00	-30.00	0.00039	9.00	-30.00	0.00033
11.00	-30.00	0.00033	13.00	-30.00	0.00032
15.00	-30.00	0.00032	17.00	-30.00	0.00031
20.00	-30.00	0.00030	25.00	-30.00	0.00029
30.00	-30.00	0.00027	40.00	-30.00	0.00025
50.00	-30.00	0.00023	60.00	-30.00	0.00021
70.00	-30.00	0.00019	80.00	-30.00	0.00017
90.00	-30.00	0.00016	100.00	-30.00	0.00015
-100.00	-20.00	0.00043	-90.00	-20.00	0.00044
-80.00	-20.00	0.00046	-70.00	-20.00	0.00047
-60.00	-20.00	0.00048	-50.00	-20.00	0.00048
-40.00	-20.00	0.00048	-30.00	-20.00	0.00047
-25.00	-20.00	0.00046	-20.00	-20.00	0.00045
-17.00	-20.00	0.00045	-15.00	-20.00	0.00044
-13.00	-20.00	0.00044	-11.00	-20.00	0.00043
-9.00	-20.00	0.00043	9.00	-20.00	0.00036
11.00	-20.00	0.00036	13.00	-20.00	0.00035
15.00	-20.00	0.00034	17.00	-20.00	0.00034
20.00	-20.00	0.00033	25.00	-20.00	0.00031
30.00	-20.00	0.00030	40.00	-20.00	0.00027
50.00	-20.00	0.00024	60.00	-20.00	0.00022
70.00	-20.00	0.00020	80.00	-20.00	0.00018
90.00	-20.00	0.00017	100.00	-20.00	0.00015

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

16:37:33  
 \*\*MODELOPTs:  
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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	-10.00	0.00047	-90.00	-10.00	0.00048
-80.00	-10.00	0.00050	-70.00	-10.00	0.00051
-60.00	-10.00	0.00052	-50.00	-10.00	0.00053
-40.00	-10.00	0.00053	-30.00	-10.00	0.00052
-25.00	-10.00	0.00051	-20.00	-10.00	0.00050
-17.00	-10.00	0.00049	-15.00	-10.00	0.00049
-13.00	-10.00	0.00048	-11.00	-10.00	0.00048

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-10.00	0.00047	9.00	-10.00	0.00040
11.00	-10.00	0.00039	13.00	-10.00	0.00038
15.00	-10.00	0.00038	17.00	-10.00	0.00037
20.00	-10.00	0.00036	25.00	-10.00	0.00034
30.00	-10.00	0.00032	40.00	-10.00	0.00029
50.00	-10.00	0.00026	60.00	-10.00	0.00024
70.00	-10.00	0.00021	80.00	-10.00	0.00019
90.00	-10.00	0.00017	100.00	-10.00	0.00016
-100.00	0.00	0.00050	-90.00	0.00	0.00052
-80.00	0.00	0.00054	-70.00	0.00	0.00056
-60.00	0.00	0.00057	-50.00	0.00	0.00059
-40.00	0.00	0.00059	-30.00	0.00	0.00058
-25.00	0.00	0.00057	-20.00	0.00	0.00056
-17.00	0.00	0.00055	-15.00	0.00	0.00054
-13.00	0.00	0.00054	-11.00	0.00	0.00053
-9.00	0.00	0.00052	9.00	0.00	0.00044
11.00	0.00	0.00043	13.00	0.00	0.00042
15.00	0.00	0.00041	17.00	0.00	0.00040
20.00	0.00	0.00039	25.00	0.00	0.00037
30.00	0.00	0.00035	40.00	0.00	0.00031
50.00	0.00	0.00028	60.00	0.00	0.00025
70.00	0.00	0.00023	80.00	0.00	0.00020
90.00	0.00	0.00018	100.00	0.00	0.00016
-100.00	10.00	0.00055	-90.00	10.00	0.00057
-80.00	10.00	0.00059	-70.00	10.00	0.00061
-60.00	10.00	0.00063	-50.00	10.00	0.00065
-40.00	10.00	0.00065	-30.00	10.00	0.00065
-25.00	10.00	0.00064	-20.00	10.00	0.00062
-17.00	10.00	0.00061	-15.00	10.00	0.00061
-13.00	10.00	0.00060	-11.00	10.00	0.00059
-9.00	10.00	0.00058	9.00	10.00	0.00049
11.00	10.00	0.00047	13.00	10.00	0.00046
15.00	10.00	0.00045	17.00	10.00	0.00044

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

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

16:37:33

\*\*MODELOPTs:

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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	0.00043	25.00	10.00	0.00040

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	10.00	0.00038	40.00	10.00	0.00034
50.00	10.00	0.00030	60.00	10.00	0.00027
70.00	10.00	0.00024	80.00	10.00	0.00021
90.00	10.00	0.00019	100.00	10.00	0.00017
-100.00	20.00	0.00060	-90.00	20.00	0.00062
-80.00	20.00	0.00065	-70.00	20.00	0.00067
-60.00	20.00	0.00070	-50.00	20.00	0.00072
-40.00	20.00	0.00073	-30.00	20.00	0.00073
-25.00	20.00	0.00072	-20.00	20.00	0.00070
-17.00	20.00	0.00069	-15.00	20.00	0.00068
-13.00	20.00	0.00067	-11.00	20.00	0.00067
-9.00	20.00	0.00065	9.00	20.00	0.00054
11.00	20.00	0.00053	13.00	20.00	0.00051
15.00	20.00	0.00050	17.00	20.00	0.00049
20.00	20.00	0.00047	25.00	20.00	0.00044
30.00	20.00	0.00041	40.00	20.00	0.00037
50.00	20.00	0.00032	60.00	20.00	0.00029
70.00	20.00	0.00026	80.00	20.00	0.00023
90.00	20.00	0.00020	100.00	20.00	0.00017
-100.00	30.00	0.00066	-90.00	30.00	0.00069
-80.00	30.00	0.00072	-70.00	30.00	0.00074
-60.00	30.00	0.00077	-50.00	30.00	0.00080
-40.00	30.00	0.00082	-30.00	30.00	0.00082
-25.00	30.00	0.00081	-20.00	30.00	0.00080
-17.00	30.00	0.00079	-15.00	30.00	0.00078
-13.00	30.00	0.00077	-11.00	30.00	0.00075
-9.00	30.00	0.00074	9.00	30.00	0.00060
11.00	30.00	0.00059	13.00	30.00	0.00057
15.00	30.00	0.00056	17.00	30.00	0.00054
20.00	30.00	0.00052	25.00	30.00	0.00049
30.00	30.00	0.00045	40.00	30.00	0.00040
50.00	30.00	0.00035	60.00	30.00	0.00031
70.00	30.00	0.00027	80.00	30.00	0.00024
90.00	30.00	0.00021	100.00	30.00	0.00018
-100.00	40.00	0.00073	-90.00	40.00	0.00076
-80.00	40.00	0.00079	-70.00	40.00	0.00083
-60.00	40.00	0.00086	-50.00	40.00	0.00090
-40.00	40.00	0.00092	-30.00	40.00	0.00093
-25.00	40.00	0.00093	-20.00	40.00	0.00091

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00090	-15.00	40.00	0.00089
-13.00	40.00	0.00088	-11.00	40.00	0.00086
-9.00	40.00	0.00085	9.00	40.00	0.00068
11.00	40.00	0.00066	13.00	40.00	0.00064
15.00	40.00	0.00062	17.00	40.00	0.00060
20.00	40.00	0.00058	25.00	40.00	0.00054
30.00	40.00	0.00050	40.00	40.00	0.00043
50.00	40.00	0.00038	60.00	40.00	0.00033
70.00	40.00	0.00028	80.00	40.00	0.00025
90.00	40.00	0.00021	100.00	40.00	0.00018
-100.00	50.00	0.00081	-90.00	50.00	0.00085
-80.00	50.00	0.00089	-70.00	50.00	0.00093
-60.00	50.00	0.00097	-50.00	50.00	0.00101
-40.00	50.00	0.00105	-30.00	50.00	0.00107
-25.00	50.00	0.00106	-20.00	50.00	0.00105
-17.00	50.00	0.00104	-15.00	50.00	0.00102
-13.00	50.00	0.00101	-11.00	50.00	0.00099
-9.00	50.00	0.00098	9.00	50.00	0.00077
11.00	50.00	0.00075	13.00	50.00	0.00072
15.00	50.00	0.00070	17.00	50.00	0.00068
20.00	50.00	0.00065	25.00	50.00	0.00060
30.00	50.00	0.00055	40.00	50.00	0.00047
50.00	50.00	0.00041	60.00	50.00	0.00035
70.00	50.00	0.00030	80.00	50.00	0.00025
90.00	50.00	0.00022	100.00	50.00	0.00019
-100.00	60.00	0.00089	-90.00	60.00	0.00094
-80.00	60.00	0.00100	-70.00	60.00	0.00105
-60.00	60.00	0.00109	-50.00	60.00	0.00114
-40.00	60.00	0.00120	-30.00	60.00	0.00123
-25.00	60.00	0.00123	-20.00	60.00	0.00122
-17.00	60.00	0.00120	-15.00	60.00	0.00119
-13.00	60.00	0.00118	-11.00	60.00	0.00116
-9.00	60.00	0.00114	9.00	60.00	0.00088
11.00	60.00	0.00085	13.00	60.00	0.00082
15.00	60.00	0.00079	17.00	60.00	0.00076
20.00	60.00	0.00072	25.00	60.00	0.00067
30.00	60.00	0.00061	40.00	60.00	0.00052
50.00	60.00	0.00044	60.00	60.00	0.00037
70.00	60.00	0.00031	80.00	60.00	0.00026

90.00 60.00 0.00022 100.00 60.00 0.00019

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00097	-90.00	70.00	0.00104
-80.00	70.00	0.00111	-70.00	70.00	0.00118
-60.00	70.00	0.00125	-50.00	70.00	0.00131
-40.00	70.00	0.00137	-30.00	70.00	0.00142
-25.00	70.00	0.00143	-20.00	70.00	0.00143
-17.00	70.00	0.00142	-15.00	70.00	0.00140
-13.00	70.00	0.00139	-11.00	70.00	0.00136
-9.00	70.00	0.00134	9.00	70.00	0.00101
11.00	70.00	0.00097	13.00	70.00	0.00093
15.00	70.00	0.00090	17.00	70.00	0.00086
20.00	70.00	0.00082	25.00	70.00	0.00074
30.00	70.00	0.00068	40.00	70.00	0.00057
50.00	70.00	0.00047	60.00	70.00	0.00039
70.00	70.00	0.00032	80.00	70.00	0.00027
90.00	70.00	0.00023	100.00	70.00	0.00020
-100.00	80.00	0.00105	-90.00	80.00	0.00114
-80.00	80.00	0.00124	-70.00	80.00	0.00134
-60.00	80.00	0.00143	-50.00	80.00	0.00151
-40.00	80.00	0.00158	-30.00	80.00	0.00166
-25.00	80.00	0.00168	-20.00	80.00	0.00169
-17.00	80.00	0.00168	-15.00	80.00	0.00167
-13.00	80.00	0.00165	-11.00	80.00	0.00163
-9.00	80.00	0.00160	9.00	80.00	0.00117
11.00	80.00	0.00112	13.00	80.00	0.00107
15.00	80.00	0.00102	17.00	80.00	0.00098
20.00	80.00	0.00092	25.00	80.00	0.00083
30.00	80.00	0.00075	40.00	80.00	0.00061
50.00	80.00	0.00050	60.00	80.00	0.00041
70.00	80.00	0.00034	80.00	80.00	0.00028
90.00	80.00	0.00023	100.00	80.00	0.00020
-100.00	90.00	0.00112	-90.00	90.00	0.00124
-80.00	90.00	0.00137	-70.00	90.00	0.00150
-60.00	90.00	0.00163	-50.00	90.00	0.00175

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	90.00	0.00185	-30.00	90.00	0.00195
-25.00	90.00	0.00199	-20.00	90.00	0.00201
-17.00	90.00	0.00201	-15.00	90.00	0.00200
-13.00	90.00	0.00199	-11.00	90.00	0.00196
-9.00	90.00	0.00193	9.00	90.00	0.00136
11.00	90.00	0.00129	13.00	90.00	0.00123
15.00	90.00	0.00117	17.00	90.00	0.00112

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

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

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

INCLUDING SOURCE(S) :            NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00104	25.00	90.00	0.00093
30.00	90.00	0.00083	40.00	90.00	0.00066
50.00	90.00	0.00052	60.00	90.00	0.00042
70.00	90.00	0.00035	80.00	90.00	0.00029
90.00	90.00	0.00024	100.00	90.00	0.00020
-100.00	100.00	0.00120	-90.00	100.00	0.00134
-80.00	100.00	0.00149	-70.00	100.00	0.00166
-60.00	100.00	0.00184	-50.00	100.00	0.00202
-40.00	100.00	0.00218	-30.00	100.00	0.00231
-25.00	100.00	0.00236	-20.00	100.00	0.00240
-17.00	100.00	0.00242	-15.00	100.00	0.00242
-13.00	100.00	0.00241	-11.00	100.00	0.00239
-9.00	100.00	0.00235	9.00	100.00	0.00159
11.00	100.00	0.00150	13.00	100.00	0.00142
15.00	100.00	0.00134	17.00	100.00	0.00127
20.00	100.00	0.00117	25.00	100.00	0.00102
30.00	100.00	0.00090	40.00	100.00	0.00069
50.00	100.00	0.00055	60.00	100.00	0.00044
70.00	100.00	0.00035	80.00	100.00	0.00029
90.00	100.00	0.00024	100.00	100.00	0.00021
-100.00	110.00	0.00125	-90.00	110.00	0.00142
-80.00	110.00	0.00161	-70.00	110.00	0.00182
-60.00	110.00	0.00205	-50.00	110.00	0.00230
-40.00	110.00	0.00255	-30.00	110.00	0.00276
-25.00	110.00	0.00284	-20.00	110.00	0.00289
-17.00	110.00	0.00292	-15.00	110.00	0.00293
-13.00	110.00	0.00294	-11.00	110.00	0.00293

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	110.00	0.00290	9.00	110.00	0.00185
11.00	110.00	0.00173	13.00	110.00	0.00162
15.00	110.00	0.00152	17.00	110.00	0.00142
20.00	110.00	0.00129	25.00	110.00	0.00111
30.00	110.00	0.00096	40.00	110.00	0.00073
50.00	110.00	0.00057	60.00	110.00	0.00045
70.00	110.00	0.00036	80.00	110.00	0.00030
90.00	110.00	0.00025	100.00	110.00	0.00021
-100.00	120.00	0.00129	-90.00	120.00	0.00148
-80.00	120.00	0.00171	-70.00	120.00	0.00196
-60.00	120.00	0.00224	-50.00	120.00	0.00256
-40.00	120.00	0.00290	-30.00	120.00	0.00324
-25.00	120.00	0.00339	-20.00	120.00	0.00352

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00357	-15.00	120.00	0.00360
-13.00	120.00	0.00362	-11.00	120.00	0.00363
-9.00	120.00	0.00362	9.00	120.00	0.00214
11.00	120.00	0.00197	13.00	120.00	0.00181
15.00	120.00	0.00168	17.00	120.00	0.00155
20.00	120.00	0.00140	25.00	120.00	0.00118
30.00	120.00	0.00101	40.00	120.00	0.00076
50.00	120.00	0.00059	60.00	120.00	0.00046
70.00	120.00	0.00038	80.00	120.00	0.00031
90.00	120.00	0.00026	100.00	120.00	0.00022
-100.00	130.00	0.00130	-90.00	130.00	0.00151
-80.00	130.00	0.00176	-70.00	130.00	0.00205
-60.00	130.00	0.00238	-50.00	130.00	0.00277
-40.00	130.00	0.00321	-30.00	130.00	0.00368
-25.00	130.00	0.00392	-20.00	130.00	0.00416
-17.00	130.00	0.00431	-15.00	130.00	0.00441
-13.00	130.00	0.00450	-11.00	130.00	0.00461
-9.00	130.00	0.00471	9.00	130.00	0.00239
11.00	130.00	0.00216	13.00	130.00	0.00196
15.00	130.00	0.00180	17.00	130.00	0.00167
20.00	130.00	0.00149	25.00	130.00	0.00125

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	130.00	0.00107	40.00	130.00	0.00080
50.00	130.00	0.00062	60.00	130.00	0.00049
70.00	130.00	0.00040	80.00	130.00	0.00033
90.00	130.00	0.00028	100.00	130.00	0.00024
-100.00	140.00	0.00128	-90.00	140.00	0.00150
-80.00	140.00	0.00176	-70.00	140.00	0.00207
-60.00	140.00	0.00244	-50.00	140.00	0.00287
-40.00	140.00	0.00336	-30.00	140.00	0.00391
-25.00	140.00	0.00421	-20.00	140.00	0.00454
-17.00	140.00	0.00476	-15.00	140.00	0.00491
-13.00	140.00	0.00508	-11.00	140.00	0.00530
-9.00	140.00	0.00556	9.00	140.00	0.00288
11.00	140.00	0.00255	13.00	140.00	0.00230
15.00	140.00	0.00209	17.00	140.00	0.00192
20.00	140.00	0.00171	25.00	140.00	0.00142
30.00	140.00	0.00120	40.00	140.00	0.00089
50.00	140.00	0.00068	60.00	140.00	0.00053
70.00	140.00	0.00043	80.00	140.00	0.00036
90.00	140.00	0.00030	100.00	140.00	0.00025

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

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00124	-90.00	150.00	0.00145
-80.00	150.00	0.00172	-70.00	150.00	0.00204
-60.00	150.00	0.00243	-50.00	150.00	0.00288
-40.00	150.00	0.00338	-30.00	150.00	0.00395
-25.00	150.00	0.00426	-20.00	150.00	0.00459
-17.00	150.00	0.00483	-15.00	150.00	0.00501
-13.00	150.00	0.00523	-11.00	150.00	0.00551
-9.00	150.00	0.00593	9.00	150.00	0.00393
11.00	150.00	0.00342	13.00	150.00	0.00302
15.00	150.00	0.00271	17.00	150.00	0.00244
20.00	150.00	0.00212	25.00	150.00	0.00171
30.00	150.00	0.00142	40.00	150.00	0.00102
50.00	150.00	0.00077	60.00	150.00	0.00060
70.00	150.00	0.00048	80.00	150.00	0.00039
90.00	150.00	0.00033	100.00	150.00	0.00028

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	160.00	0.00118	-90.00	160.00	0.00138
-80.00	160.00	0.00164	-70.00	160.00	0.00195
-60.00	160.00	0.00233	-50.00	160.00	0.00279
-40.00	160.00	0.00330	-30.00	160.00	0.00387
-25.00	160.00	0.00419	-20.00	160.00	0.00458
-17.00	160.00	0.00489	-15.00	160.00	0.00514
-13.00	160.00	0.00547	-11.00	160.00	0.00590
-9.00	160.00	0.00652	9.00	160.00	0.00481
11.00	160.00	0.00420	13.00	160.00	0.00373
15.00	160.00	0.00334	17.00	160.00	0.00300
20.00	160.00	0.00259	25.00	160.00	0.00206
30.00	160.00	0.00168	40.00	160.00	0.00118
50.00	160.00	0.00087	60.00	160.00	0.00067
70.00	160.00	0.00054	80.00	160.00	0.00044
90.00	160.00	0.00036	100.00	160.00	0.00031
-100.00	170.00	0.00110	-90.00	170.00	0.00129
-80.00	170.00	0.00152	-70.00	170.00	0.00181
-60.00	170.00	0.00217	-50.00	170.00	0.00262
-40.00	170.00	0.00313	-30.00	170.00	0.00374
-25.00	170.00	0.00410	-20.00	170.00	0.00458
-17.00	170.00	0.00497	-15.00	170.00	0.00531
-13.00	170.00	0.00574	-11.00	170.00	0.00630
-9.00	170.00	0.00705	9.00	170.00	0.00545
11.00	170.00	0.00478	13.00	170.00	0.00425
15.00	170.00	0.00382	17.00	170.00	0.00346

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

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00299	25.00	170.00	0.00239
30.00	170.00	0.00194	40.00	170.00	0.00135
50.00	170.00	0.00099	60.00	170.00	0.00076
70.00	170.00	0.00060	80.00	170.00	0.00048
90.00	170.00	0.00040	100.00	170.00	0.00034
-100.00	180.00	0.00100	-90.00	180.00	0.00117
-80.00	180.00	0.00138	-70.00	180.00	0.00164
-60.00	180.00	0.00197	-50.00	180.00	0.00238
-40.00	180.00	0.00291	-30.00	180.00	0.00356

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	180.00	0.00397	-20.00	180.00	0.00454
-17.00	180.00	0.00501	-15.00	180.00	0.00541
-13.00	180.00	0.00591	-11.00	180.00	0.00655
-9.00	180.00	0.00737	9.00	180.00	0.00588
11.00	180.00	0.00518	13.00	180.00	0.00462
15.00	180.00	0.00416	17.00	180.00	0.00377
20.00	180.00	0.00329	25.00	180.00	0.00266
30.00	180.00	0.00218	40.00	180.00	0.00152
50.00	180.00	0.00111	60.00	180.00	0.00085
70.00	180.00	0.00066	80.00	180.00	0.00054
90.00	180.00	0.00044	100.00	180.00	0.00037
-100.00	190.00	0.00089	-90.00	190.00	0.00104
-80.00	190.00	0.00122	-70.00	190.00	0.00145
-60.00	190.00	0.00174	-50.00	190.00	0.00211
-40.00	190.00	0.00261	-30.00	190.00	0.00330
-25.00	190.00	0.00377	-20.00	190.00	0.00440
-17.00	190.00	0.00493	-15.00	190.00	0.00537
-13.00	190.00	0.00592	-11.00	190.00	0.00660
-9.00	190.00	0.00746	9.00	190.00	0.00615
11.00	190.00	0.00543	13.00	190.00	0.00487
15.00	190.00	0.00440	17.00	190.00	0.00400
20.00	190.00	0.00349	25.00	190.00	0.00285
30.00	190.00	0.00237	40.00	190.00	0.00168
50.00	190.00	0.00123	60.00	190.00	0.00094
70.00	190.00	0.00073	80.00	190.00	0.00059
90.00	190.00	0.00048	100.00	190.00	0.00040
-100.00	200.00	0.00078	-90.00	200.00	0.00090
-80.00	200.00	0.00105	-70.00	200.00	0.00124
-60.00	200.00	0.00149	-50.00	200.00	0.00182
-40.00	200.00	0.00227	-30.00	200.00	0.00294
-25.00	200.00	0.00344	-20.00	200.00	0.00413

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

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00469	-15.00	200.00	0.00516
-13.00	200.00	0.00572	-11.00	200.00	0.00642
-9.00	200.00	0.00731	9.00	200.00	0.00627

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	200.00	0.00555	13.00	200.00	0.00500
15.00	200.00	0.00454	17.00	200.00	0.00414
20.00	200.00	0.00365	25.00	200.00	0.00300
30.00	200.00	0.00251	40.00	200.00	0.00181
50.00	200.00	0.00135	60.00	200.00	0.00102
70.00	200.00	0.00080	80.00	200.00	0.00064
90.00	200.00	0.00052	100.00	200.00	0.00043
-100.00	210.00	0.00067	-90.00	210.00	0.00077
-80.00	210.00	0.00089	-70.00	210.00	0.00105
-60.00	210.00	0.00125	-50.00	210.00	0.00152
-40.00	210.00	0.00190	-30.00	210.00	0.00251
-25.00	210.00	0.00299	-20.00	210.00	0.00367
-17.00	210.00	0.00425	-15.00	210.00	0.00472
-13.00	210.00	0.00529	-11.00	210.00	0.00600
-9.00	210.00	0.00688	9.00	210.00	0.00628
11.00	210.00	0.00559	13.00	210.00	0.00506
15.00	210.00	0.00462	17.00	210.00	0.00424
20.00	210.00	0.00376	25.00	210.00	0.00312
30.00	210.00	0.00263	40.00	210.00	0.00192
50.00	210.00	0.00144	60.00	210.00	0.00110
70.00	210.00	0.00086	80.00	210.00	0.00069
90.00	210.00	0.00056	100.00	210.00	0.00046
-100.00	220.00	0.00058	-90.00	220.00	0.00066
-80.00	220.00	0.00076	-70.00	220.00	0.00088
-60.00	220.00	0.00104	-50.00	220.00	0.00126
-40.00	220.00	0.00158	-30.00	220.00	0.00210
-25.00	220.00	0.00252	-20.00	220.00	0.00313
-17.00	220.00	0.00364	-15.00	220.00	0.00406
-13.00	220.00	0.00457	-11.00	220.00	0.00521
-9.00	220.00	0.00602	9.00	220.00	0.00625
11.00	220.00	0.00562	13.00	220.00	0.00509
15.00	220.00	0.00467	17.00	220.00	0.00431
20.00	220.00	0.00383	25.00	220.00	0.00320
30.00	220.00	0.00270	40.00	220.00	0.00199
50.00	220.00	0.00150	60.00	220.00	0.00116
70.00	220.00	0.00091	80.00	220.00	0.00072
90.00	220.00	0.00059	100.00	220.00	0.00049

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

03NCRA\_NAPA97-300 DPM TRAV ANN N-S Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00051	-90.00	230.00	0.00057
-80.00	230.00	0.00066	-70.00	230.00	0.00076
-60.00	230.00	0.00089	-50.00	230.00	0.00108
-40.00	230.00	0.00137	-30.00	230.00	0.00185
-25.00	230.00	0.00224	-20.00	230.00	0.00280
-17.00	230.00	0.00326	-15.00	230.00	0.00363
-13.00	230.00	0.00408	-11.00	230.00	0.00462
-9.00	230.00	0.00528	9.00	230.00	0.00586
11.00	230.00	0.00536	13.00	230.00	0.00491
15.00	230.00	0.00452	17.00	230.00	0.00418
20.00	230.00	0.00373	25.00	230.00	0.00313
30.00	230.00	0.00266	40.00	230.00	0.00198
50.00	230.00	0.00152	60.00	230.00	0.00118
70.00	230.00	0.00093	80.00	230.00	0.00075
90.00	230.00	0.00061	100.00	230.00	0.00051
-100.00	240.00	0.00045	-90.00	240.00	0.00050
-80.00	240.00	0.00057	-70.00	240.00	0.00067
-60.00	240.00	0.00079	-50.00	240.00	0.00097
-40.00	240.00	0.00125	-30.00	240.00	0.00175
-25.00	240.00	0.00215	-20.00	240.00	0.00272
-17.00	240.00	0.00318	-15.00	240.00	0.00354
-13.00	240.00	0.00396	-11.00	240.00	0.00443
-9.00	240.00	0.00493	9.00	240.00	0.00486
11.00	240.00	0.00454	13.00	240.00	0.00425
15.00	240.00	0.00398	17.00	240.00	0.00373
20.00	240.00	0.00339	25.00	240.00	0.00291
30.00	240.00	0.00251	40.00	240.00	0.00191
50.00	240.00	0.00149	60.00	240.00	0.00117
70.00	240.00	0.00094	80.00	240.00	0.00076
90.00	240.00	0.00062	100.00	240.00	0.00052
-100.00	250.00	0.00040	-90.00	250.00	0.00045
-80.00	250.00	0.00051	-70.00	250.00	0.00060
-60.00	250.00	0.00072	-50.00	250.00	0.00091
-40.00	250.00	0.00120	-30.00	250.00	0.00172
-25.00	250.00	0.00211	-20.00	250.00	0.00264
-17.00	250.00	0.00303	-15.00	250.00	0.00333
-13.00	250.00	0.00364	-11.00	250.00	0.00396
-9.00	250.00	0.00427	9.00	250.00	0.00399
11.00	250.00	0.00377	13.00	250.00	0.00356
15.00	250.00	0.00337	17.00	250.00	0.00319

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03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

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

\*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00295	25.00	250.00	0.00260
30.00	250.00	0.00229	40.00	250.00	0.00180
50.00	250.00	0.00143	60.00	250.00	0.00115
70.00	250.00	0.00093	80.00	250.00	0.00076
90.00	250.00	0.00063	100.00	250.00	0.00052

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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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	0.00018	-90.00	-250.00	0.00018
-80.00	-250.00	0.00018	-70.00	-250.00	0.00018
-60.00	-250.00	0.00018	-50.00	-250.00	0.00018
-40.00	-250.00	0.00017	-30.00	-250.00	0.00017
-25.00	-250.00	0.00016	-20.00	-250.00	0.00016
-17.00	-250.00	0.00016	-15.00	-250.00	0.00016
-13.00	-250.00	0.00016	-11.00	-250.00	0.00016
-9.00	-250.00	0.00015	9.00	-250.00	0.00014
11.00	-250.00	0.00014	13.00	-250.00	0.00014
15.00	-250.00	0.00014	17.00	-250.00	0.00014
20.00	-250.00	0.00013	25.00	-250.00	0.00013
30.00	-250.00	0.00013	40.00	-250.00	0.00012
50.00	-250.00	0.00011	60.00	-250.00	0.00011
70.00	-250.00	0.00010	80.00	-250.00	0.00009
90.00	-250.00	0.00009	100.00	-250.00	0.00008
-100.00	-240.00	0.00019	-90.00	-240.00	0.00019
-80.00	-240.00	0.00019	-70.00	-240.00	0.00019
-60.00	-240.00	0.00019	-50.00	-240.00	0.00019
-40.00	-240.00	0.00018	-30.00	-240.00	0.00018
-25.00	-240.00	0.00017	-20.00	-240.00	0.00017

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

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

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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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
20.00	-230.00	0.00015	25.00	-230.00	0.00014
30.00	-230.00	0.00014	40.00	-230.00	0.00013
50.00	-230.00	0.00012	60.00	-230.00	0.00012
70.00	-230.00	0.00011	80.00	-230.00	0.00010
90.00	-230.00	0.00010	100.00	-230.00	0.00009
-100.00	-220.00	0.00021	-90.00	-220.00	0.00021
-80.00	-220.00	0.00022	-70.00	-220.00	0.00022
-60.00	-220.00	0.00021	-50.00	-220.00	0.00021
-40.00	-220.00	0.00021	-30.00	-220.00	0.00020
-25.00	-220.00	0.00020	-20.00	-220.00	0.00019
-17.00	-220.00	0.00019	-15.00	-220.00	0.00019
-13.00	-220.00	0.00019	-11.00	-220.00	0.00019
-9.00	-220.00	0.00018	9.00	-220.00	0.00017
11.00	-220.00	0.00016	13.00	-220.00	0.00016

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-220.00	0.00016	17.00	-220.00	0.00016
20.00	-220.00	0.00016	25.00	-220.00	0.00015
30.00	-220.00	0.00015	40.00	-220.00	0.00014
50.00	-220.00	0.00013	60.00	-220.00	0.00012
70.00	-220.00	0.00011	80.00	-220.00	0.00011
90.00	-220.00	0.00010	100.00	-220.00	0.00009
-100.00	-210.00	0.00022	-90.00	-210.00	0.00023
-80.00	-210.00	0.00023	-70.00	-210.00	0.00023
-60.00	-210.00	0.00023	-50.00	-210.00	0.00022
-40.00	-210.00	0.00022	-30.00	-210.00	0.00021
-25.00	-210.00	0.00021	-20.00	-210.00	0.00021
-17.00	-210.00	0.00020	-15.00	-210.00	0.00020
-13.00	-210.00	0.00020	-11.00	-210.00	0.00020
-9.00	-210.00	0.00020	9.00	-210.00	0.00018
11.00	-210.00	0.00017	13.00	-210.00	0.00017
15.00	-210.00	0.00017	17.00	-210.00	0.00017
20.00	-210.00	0.00016	25.00	-210.00	0.00016
30.00	-210.00	0.00015	40.00	-210.00	0.00014
50.00	-210.00	0.00014	60.00	-210.00	0.00013
70.00	-210.00	0.00012	80.00	-210.00	0.00011
90.00	-210.00	0.00011	100.00	-210.00	0.00010
-100.00	-200.00	0.00024	-90.00	-200.00	0.00024
-80.00	-200.00	0.00024	-70.00	-200.00	0.00024
-60.00	-200.00	0.00024	-50.00	-200.00	0.00024
-40.00	-200.00	0.00023	-30.00	-200.00	0.00023
-25.00	-200.00	0.00022	-20.00	-200.00	0.00022

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

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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	0.00022	-15.00	-200.00	0.00021
-13.00	-200.00	0.00021	-11.00	-200.00	0.00021
-9.00	-200.00	0.00021	9.00	-200.00	0.00019
11.00	-200.00	0.00019	13.00	-200.00	0.00018
15.00	-200.00	0.00018	17.00	-200.00	0.00018
20.00	-200.00	0.00017	25.00	-200.00	0.00017
30.00	-200.00	0.00016	40.00	-200.00	0.00015
50.00	-200.00	0.00014	60.00	-200.00	0.00013

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

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

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

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

16:37:33  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

03NCRA NAPA97-300\_DPM\_TRAV\_ANN N-S Bound  
 INCLUDING SOURCE(S) : NCRA\_S2 ,

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	-150.00	0.00024	25.00	-150.00	0.00023	
30.00	-150.00	0.00022	40.00	-150.00	0.00020	
50.00	-150.00	0.00019	60.00	-150.00	0.00017	
70.00	-150.00	0.00016	80.00	-150.00	0.00015	
90.00	-150.00	0.00014	100.00	-150.00	0.00013	
-100.00	-140.00	0.00035	-90.00	-140.00	0.00036	
-80.00	-140.00	0.00036	-70.00	-140.00	0.00037	
-60.00	-140.00	0.00037	-50.00	-140.00	0.00037	
-40.00	-140.00	0.00037	-30.00	-140.00	0.00036	
-25.00	-140.00	0.00035	-20.00	-140.00	0.00035	
-17.00	-140.00	0.00034	-15.00	-140.00	0.00034	
-13.00	-140.00	0.00033	-11.00	-140.00	0.00033	
-9.00	-140.00	0.00032	9.00	-140.00	0.00028	
11.00	-140.00	0.00028	13.00	-140.00	0.00028	
15.00	-140.00	0.00027	17.00	-140.00	0.00027	
20.00	-140.00	0.00026	25.00	-140.00	0.00025	
30.00	-140.00	0.00024	40.00	-140.00	0.00022	
50.00	-140.00	0.00020	60.00	-140.00	0.00018	
70.00	-140.00	0.00017	80.00	-140.00	0.00016	
90.00	-140.00	0.00014	100.00	-140.00	0.00013	
-100.00	-130.00	0.00037	-90.00	-130.00	0.00038	
-80.00	-130.00	0.00039	-70.00	-130.00	0.00040	
-60.00	-130.00	0.00040	-50.00	-130.00	0.00041	
-40.00	-130.00	0.00040	-30.00	-130.00	0.00039	
-25.00	-130.00	0.00038	-20.00	-130.00	0.00038	
-17.00	-130.00	0.00037	-15.00	-130.00	0.00037	
-13.00	-130.00	0.00036	-11.00	-130.00	0.00036	
-9.00	-130.00	0.00035	9.00	-130.00	0.00031	
11.00	-130.00	0.00030	13.00	-130.00	0.00030	
15.00	-130.00	0.00029	17.00	-130.00	0.00029	
20.00	-130.00	0.00028	25.00	-130.00	0.00027	
30.00	-130.00	0.00025	40.00	-130.00	0.00023	
50.00	-130.00	0.00021	60.00	-130.00	0.00020	
70.00	-130.00	0.00018	80.00	-130.00	0.00017	
90.00	-130.00	0.00015	100.00	-130.00	0.00014	
-100.00	-120.00	0.00040	-90.00	-120.00	0.00041	
-80.00	-120.00	0.00042	-70.00	-120.00	0.00043	
-60.00	-120.00	0.00044	-50.00	-120.00	0.00044	
-40.00	-120.00	0.00044	-30.00	-120.00	0.00043	
-25.00	-120.00	0.00042	-20.00	-120.00	0.00041	

1 \*\*\* ICSCT3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:37:33

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00041	-15.00	-120.00	0.00040
-13.00	-120.00	0.00040	-11.00	-120.00	0.00039
-9.00	-120.00	0.00039	9.00	-120.00	0.00033
11.00	-120.00	0.00033	13.00	-120.00	0.00032
15.00	-120.00	0.00032	17.00	-120.00	0.00031
20.00	-120.00	0.00030	25.00	-120.00	0.00029
30.00	-120.00	0.00027	40.00	-120.00	0.00025
50.00	-120.00	0.00023	60.00	-120.00	0.00021
70.00	-120.00	0.00019	80.00	-120.00	0.00017
90.00	-120.00	0.00016	100.00	-120.00	0.00015
-100.00	-110.00	0.00043	-90.00	-110.00	0.00044
-80.00	-110.00	0.00046	-70.00	-110.00	0.00047
-60.00	-110.00	0.00048	-50.00	-110.00	0.00048
-40.00	-110.00	0.00048	-30.00	-110.00	0.00047
-25.00	-110.00	0.00046	-20.00	-110.00	0.00045
-17.00	-110.00	0.00045	-15.00	-110.00	0.00044
-13.00	-110.00	0.00044	-11.00	-110.00	0.00043
-9.00	-110.00	0.00043	9.00	-110.00	0.00036
11.00	-110.00	0.00036	13.00	-110.00	0.00035
15.00	-110.00	0.00034	17.00	-110.00	0.00034
20.00	-110.00	0.00033	25.00	-110.00	0.00031
30.00	-110.00	0.00030	40.00	-110.00	0.00027
50.00	-110.00	0.00024	60.00	-110.00	0.00022
70.00	-110.00	0.00020	80.00	-110.00	0.00018
90.00	-110.00	0.00017	100.00	-110.00	0.00015
-100.00	-100.00	0.00047	-90.00	-100.00	0.00048
-80.00	-100.00	0.00050	-70.00	-100.00	0.00051
-60.00	-100.00	0.00052	-50.00	-100.00	0.00053
-40.00	-100.00	0.00053	-30.00	-100.00	0.00052
-25.00	-100.00	0.00051	-20.00	-100.00	0.00050
-17.00	-100.00	0.00049	-15.00	-100.00	0.00049
-13.00	-100.00	0.00048	-11.00	-100.00	0.00048
-9.00	-100.00	0.00047	9.00	-100.00	0.00040
11.00	-100.00	0.00039	13.00	-100.00	0.00038

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-100.00	0.00038	17.00	-100.00	0.00037
20.00	-100.00	0.00036	25.00	-100.00	0.00034
30.00	-100.00	0.00032	40.00	-100.00	0.00029
50.00	-100.00	0.00026	60.00	-100.00	0.00024
70.00	-100.00	0.00021	80.00	-100.00	0.00019
90.00	-100.00	0.00017	100.00	-100.00	0.00016

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

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

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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	-90.00	0.00050	-90.00	-90.00	0.00052
-80.00	-90.00	0.00054	-70.00	-90.00	0.00056
-60.00	-90.00	0.00057	-50.00	-90.00	0.00059
-40.00	-90.00	0.00059	-30.00	-90.00	0.00058
-25.00	-90.00	0.00057	-20.00	-90.00	0.00056
-17.00	-90.00	0.00055	-15.00	-90.00	0.00054
-13.00	-90.00	0.00054	-11.00	-90.00	0.00053
-9.00	-90.00	0.00052	9.00	-90.00	0.00044
11.00	-90.00	0.00043	13.00	-90.00	0.00042
15.00	-90.00	0.00041	17.00	-90.00	0.00040
20.00	-90.00	0.00039	25.00	-90.00	0.00037
30.00	-90.00	0.00035	40.00	-90.00	0.00031
50.00	-90.00	0.00028	60.00	-90.00	0.00025
70.00	-90.00	0.00023	80.00	-90.00	0.00020
90.00	-90.00	0.00018	100.00	-90.00	0.00016
-100.00	-80.00	0.00055	-90.00	-80.00	0.00057
-80.00	-80.00	0.00059	-70.00	-80.00	0.00061
-60.00	-80.00	0.00063	-50.00	-80.00	0.00065
-40.00	-80.00	0.00065	-30.00	-80.00	0.00065
-25.00	-80.00	0.00064	-20.00	-80.00	0.00062
-17.00	-80.00	0.00061	-15.00	-80.00	0.00061
-13.00	-80.00	0.00060	-11.00	-80.00	0.00059
-9.00	-80.00	0.00058	9.00	-80.00	0.00049
11.00	-80.00	0.00047	13.00	-80.00	0.00046
15.00	-80.00	0.00045	17.00	-80.00	0.00044
20.00	-80.00	0.00043	25.00	-80.00	0.00040
30.00	-80.00	0.00038	40.00	-80.00	0.00034
50.00	-80.00	0.00030	60.00	-80.00	0.00027

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-80.00	0.00024	80.00	-80.00	0.00021
90.00	-80.00	0.00019	100.00	-80.00	0.00017
-100.00	-70.00	0.00060	-90.00	-70.00	0.00062
-80.00	-70.00	0.00065	-70.00	-70.00	0.00067
-60.00	-70.00	0.00070	-50.00	-70.00	0.00072
-40.00	-70.00	0.00073	-30.00	-70.00	0.00073
-25.00	-70.00	0.00072	-20.00	-70.00	0.00070
-17.00	-70.00	0.00069	-15.00	-70.00	0.00068
-13.00	-70.00	0.00067	-11.00	-70.00	0.00067
-9.00	-70.00	0.00065	9.00	-70.00	0.00054
11.00	-70.00	0.00053	13.00	-70.00	0.00051
15.00	-70.00	0.00050	17.00	-70.00	0.00049

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

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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	-70.00	0.00047	25.00	-70.00	0.00044
30.00	-70.00	0.00041	40.00	-70.00	0.00037
50.00	-70.00	0.00032	60.00	-70.00	0.00029
70.00	-70.00	0.00026	80.00	-70.00	0.00023
90.00	-70.00	0.00020	100.00	-70.00	0.00017
-100.00	-60.00	0.00066	-90.00	-60.00	0.00069
-80.00	-60.00	0.00072	-70.00	-60.00	0.00074
-60.00	-60.00	0.00077	-50.00	-60.00	0.00080
-40.00	-60.00	0.00082	-30.00	-60.00	0.00082
-25.00	-60.00	0.00081	-20.00	-60.00	0.00080
-17.00	-60.00	0.00079	-15.00	-60.00	0.00078
-13.00	-60.00	0.00077	-11.00	-60.00	0.00075
-9.00	-60.00	0.00074	9.00	-60.00	0.00060
11.00	-60.00	0.00059	13.00	-60.00	0.00057
15.00	-60.00	0.00056	17.00	-60.00	0.00054
20.00	-60.00	0.00052	25.00	-60.00	0.00049
30.00	-60.00	0.00045	40.00	-60.00	0.00040
50.00	-60.00	0.00035	60.00	-60.00	0.00031
70.00	-60.00	0.00027	80.00	-60.00	0.00024
90.00	-60.00	0.00021	100.00	-60.00	0.00018
-100.00	-50.00	0.00073	-90.00	-50.00	0.00076
-80.00	-50.00	0.00079	-70.00	-50.00	0.00083

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-50.00	0.00086	-50.00	-50.00	0.00090
-40.00	-50.00	0.00092	-30.00	-50.00	0.00093
-25.00	-50.00	0.00093	-20.00	-50.00	0.00091
-17.00	-50.00	0.00090	-15.00	-50.00	0.00089
-13.00	-50.00	0.00088	-11.00	-50.00	0.00086
-9.00	-50.00	0.00085	9.00	-50.00	0.00068
11.00	-50.00	0.00066	13.00	-50.00	0.00064
15.00	-50.00	0.00062	17.00	-50.00	0.00060
20.00	-50.00	0.00058	25.00	-50.00	0.00054
30.00	-50.00	0.00050	40.00	-50.00	0.00043
50.00	-50.00	0.00038	60.00	-50.00	0.00033
70.00	-50.00	0.00028	80.00	-50.00	0.00025
90.00	-50.00	0.00021	100.00	-50.00	0.00018
-100.00	-40.00	0.00081	-90.00	-40.00	0.00085
-80.00	-40.00	0.00089	-70.00	-40.00	0.00093
-60.00	-40.00	0.00097	-50.00	-40.00	0.00101
-40.00	-40.00	0.00105	-30.00	-40.00	0.00107
-25.00	-40.00	0.00106	-20.00	-40.00	0.00105

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

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

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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	-40.00	0.00104	-15.00	-40.00	0.00102
-13.00	-40.00	0.00101	-11.00	-40.00	0.00099
-9.00	-40.00	0.00098	9.00	-40.00	0.00077
11.00	-40.00	0.00075	13.00	-40.00	0.00072
15.00	-40.00	0.00070	17.00	-40.00	0.00068
20.00	-40.00	0.00065	25.00	-40.00	0.00060
30.00	-40.00	0.00055	40.00	-40.00	0.00047
50.00	-40.00	0.00041	60.00	-40.00	0.00035
70.00	-40.00	0.00030	80.00	-40.00	0.00025
90.00	-40.00	0.00022	100.00	-40.00	0.00019
-100.00	-30.00	0.00089	-90.00	-30.00	0.00094
-80.00	-30.00	0.00100	-70.00	-30.00	0.00105
-60.00	-30.00	0.00109	-50.00	-30.00	0.00114
-40.00	-30.00	0.00120	-30.00	-30.00	0.00123
-25.00	-30.00	0.00123	-20.00	-30.00	0.00122
-17.00	-30.00	0.00120	-15.00	-30.00	0.00119

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-30.00	0.00118	-11.00	-30.00	0.00116
-9.00	-30.00	0.00114	9.00	-30.00	0.00088
11.00	-30.00	0.00085	13.00	-30.00	0.00082
15.00	-30.00	0.00079	17.00	-30.00	0.00076
20.00	-30.00	0.00072	25.00	-30.00	0.00067
30.00	-30.00	0.00061	40.00	-30.00	0.00052
50.00	-30.00	0.00044	60.00	-30.00	0.00037
70.00	-30.00	0.00031	80.00	-30.00	0.00026
90.00	-30.00	0.00022	100.00	-30.00	0.00019
-100.00	-20.00	0.00097	-90.00	-20.00	0.00104
-80.00	-20.00	0.00111	-70.00	-20.00	0.00118
-60.00	-20.00	0.00125	-50.00	-20.00	0.00131
-40.00	-20.00	0.00137	-30.00	-20.00	0.00142
-25.00	-20.00	0.00143	-20.00	-20.00	0.00143
-17.00	-20.00	0.00142	-15.00	-20.00	0.00140
-13.00	-20.00	0.00139	-11.00	-20.00	0.00136
-9.00	-20.00	0.00134	9.00	-20.00	0.00101
11.00	-20.00	0.00097	13.00	-20.00	0.00093
15.00	-20.00	0.00090	17.00	-20.00	0.00086
20.00	-20.00	0.00082	25.00	-20.00	0.00074
30.00	-20.00	0.00068	40.00	-20.00	0.00057
50.00	-20.00	0.00047	60.00	-20.00	0.00039
70.00	-20.00	0.00032	80.00	-20.00	0.00027
90.00	-20.00	0.00023	100.00	-20.00	0.00020

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

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

16:37:33

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00105	-90.00	-10.00	0.00114
-80.00	-10.00	0.00124	-70.00	-10.00	0.00134
-60.00	-10.00	0.00143	-50.00	-10.00	0.00151
-40.00	-10.00	0.00158	-30.00	-10.00	0.00166
-25.00	-10.00	0.00168	-20.00	-10.00	0.00169
-17.00	-10.00	0.00168	-15.00	-10.00	0.00167
-13.00	-10.00	0.00165	-11.00	-10.00	0.00163
-9.00	-10.00	0.00160	9.00	-10.00	0.00117
11.00	-10.00	0.00112	13.00	-10.00	0.00107
15.00	-10.00	0.00102	17.00	-10.00	0.00098

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-10.00	0.00092	25.00	-10.00	0.00083
30.00	-10.00	0.00075	40.00	-10.00	0.00061
50.00	-10.00	0.00050	60.00	-10.00	0.00041
70.00	-10.00	0.00034	80.00	-10.00	0.00028
90.00	-10.00	0.00023	100.00	-10.00	0.00020
-100.00	0.00	0.00112	-90.00	0.00	0.00124
-80.00	0.00	0.00137	-70.00	0.00	0.00150
-60.00	0.00	0.00163	-50.00	0.00	0.00175
-40.00	0.00	0.00185	-30.00	0.00	0.00195
-25.00	0.00	0.00199	-20.00	0.00	0.00201
-17.00	0.00	0.00201	-15.00	0.00	0.00200
-13.00	0.00	0.00199	-11.00	0.00	0.00196
-9.00	0.00	0.00193	9.00	0.00	0.00136
11.00	0.00	0.00129	13.00	0.00	0.00123
15.00	0.00	0.00117	17.00	0.00	0.00112
20.00	0.00	0.00104	25.00	0.00	0.00093
30.00	0.00	0.00083	40.00	0.00	0.00066
50.00	0.00	0.00052	60.00	0.00	0.00042
70.00	0.00	0.00035	80.00	0.00	0.00029
90.00	0.00	0.00024	100.00	0.00	0.00020
-100.00	10.00	0.00120	-90.00	10.00	0.00134
-80.00	10.00	0.00149	-70.00	10.00	0.00166
-60.00	10.00	0.00184	-50.00	10.00	0.00202
-40.00	10.00	0.00218	-30.00	10.00	0.00231
-25.00	10.00	0.00236	-20.00	10.00	0.00240
-17.00	10.00	0.00242	-15.00	10.00	0.00242
-13.00	10.00	0.00241	-11.00	10.00	0.00239
-9.00	10.00	0.00235	9.00	10.00	0.00159
11.00	10.00	0.00150	13.00	10.00	0.00142
15.00	10.00	0.00134	17.00	10.00	0.00127

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

16:37:33  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00117	25.00	10.00	0.00102
30.00	10.00	0.00090	40.00	10.00	0.00069
50.00	10.00	0.00055	60.00	10.00	0.00044
70.00	10.00	0.00035	80.00	10.00	0.00029

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	10.00	0.00024	100.00	10.00	0.00021
-100.00	20.00	0.00125	-90.00	20.00	0.00142
-80.00	20.00	0.00161	-70.00	20.00	0.00182
-60.00	20.00	0.00205	-50.00	20.00	0.00230
-40.00	20.00	0.00255	-30.00	20.00	0.00276
-25.00	20.00	0.00284	-20.00	20.00	0.00289
-17.00	20.00	0.00292	-15.00	20.00	0.00293
-13.00	20.00	0.00294	-11.00	20.00	0.00293
-9.00	20.00	0.00290	9.00	20.00	0.00185
11.00	20.00	0.00173	13.00	20.00	0.00162
15.00	20.00	0.00152	17.00	20.00	0.00142
20.00	20.00	0.00129	25.00	20.00	0.00111
30.00	20.00	0.00096	40.00	20.00	0.00073
50.00	20.00	0.00057	60.00	20.00	0.00045
70.00	20.00	0.00036	80.00	20.00	0.00030
90.00	20.00	0.00025	100.00	20.00	0.00021
-100.00	30.00	0.00129	-90.00	30.00	0.00148
-80.00	30.00	0.00171	-70.00	30.00	0.00196
-60.00	30.00	0.00224	-50.00	30.00	0.00256
-40.00	30.00	0.00290	-30.00	30.00	0.00324
-25.00	30.00	0.00339	-20.00	30.00	0.00352
-17.00	30.00	0.00357	-15.00	30.00	0.00360
-13.00	30.00	0.00362	-11.00	30.00	0.00363
-9.00	30.00	0.00362	9.00	30.00	0.00214
11.00	30.00	0.00197	13.00	30.00	0.00181
15.00	30.00	0.00168	17.00	30.00	0.00155
20.00	30.00	0.00140	25.00	30.00	0.00118
30.00	30.00	0.00101	40.00	30.00	0.00076
50.00	30.00	0.00059	60.00	30.00	0.00046
70.00	30.00	0.00038	80.00	30.00	0.00031
90.00	30.00	0.00026	100.00	30.00	0.00022
-100.00	40.00	0.00130	-90.00	40.00	0.00151
-80.00	40.00	0.00176	-70.00	40.00	0.00205
-60.00	40.00	0.00238	-50.00	40.00	0.00277
-40.00	40.00	0.00321	-30.00	40.00	0.00368
-25.00	40.00	0.00392	-20.00	40.00	0.00416

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

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

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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 \*\*\*

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00431	-15.00	40.00	0.00441
-13.00	40.00	0.00450	-11.00	40.00	0.00461
-9.00	40.00	0.00471	9.00	40.00	0.00239
11.00	40.00	0.00216	13.00	40.00	0.00196
15.00	40.00	0.00180	17.00	40.00	0.00167
20.00	40.00	0.00149	25.00	40.00	0.00125
30.00	40.00	0.00107	40.00	40.00	0.00080
50.00	40.00	0.00062	60.00	40.00	0.00049
70.00	40.00	0.00040	80.00	40.00	0.00033
90.00	40.00	0.00028	100.00	40.00	0.00024
-100.00	50.00	0.00128	-90.00	50.00	0.00150
-80.00	50.00	0.00176	-70.00	50.00	0.00207
-60.00	50.00	0.00244	-50.00	50.00	0.00287
-40.00	50.00	0.00336	-30.00	50.00	0.00391
-25.00	50.00	0.00421	-20.00	50.00	0.00454
-17.00	50.00	0.00476	-15.00	50.00	0.00491
-13.00	50.00	0.00508	-11.00	50.00	0.00530
-9.00	50.00	0.00556	9.00	50.00	0.00288
11.00	50.00	0.00255	13.00	50.00	0.00230
15.00	50.00	0.00209	17.00	50.00	0.00192
20.00	50.00	0.00171	25.00	50.00	0.00142
30.00	50.00	0.00120	40.00	50.00	0.00089
50.00	50.00	0.00068	60.00	50.00	0.00053
70.00	50.00	0.00043	80.00	50.00	0.00036
90.00	50.00	0.00030	100.00	50.00	0.00025
-100.00	60.00	0.00124	-90.00	60.00	0.00145
-80.00	60.00	0.00172	-70.00	60.00	0.00204
-60.00	60.00	0.00243	-50.00	60.00	0.00288
-40.00	60.00	0.00338	-30.00	60.00	0.00395
-25.00	60.00	0.00426	-20.00	60.00	0.00459
-17.00	60.00	0.00483	-15.00	60.00	0.00501
-13.00	60.00	0.00523	-11.00	60.00	0.00551
-9.00	60.00	0.00593	9.00	60.00	0.00393
11.00	60.00	0.00342	13.00	60.00	0.00302
15.00	60.00	0.00271	17.00	60.00	0.00244
20.00	60.00	0.00212	25.00	60.00	0.00171
30.00	60.00	0.00142	40.00	60.00	0.00102
50.00	60.00	0.00077	60.00	60.00	0.00060
70.00	60.00	0.00048	80.00	60.00	0.00039
90.00	60.00	0.00033	100.00	60.00	0.00028

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:37:33

\*\*MODELOPTS:  
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00118	-90.00	70.00	0.00138
-80.00	70.00	0.00164	-70.00	70.00	0.00195
-60.00	70.00	0.00233	-50.00	70.00	0.00279
-40.00	70.00	0.00330	-30.00	70.00	0.00387
-25.00	70.00	0.00419	-20.00	70.00	0.00458
-17.00	70.00	0.00489	-15.00	70.00	0.00514
-13.00	70.00	0.00547	-11.00	70.00	0.00590
-9.00	70.00	0.00652	9.00	70.00	0.00481
11.00	70.00	0.00420	13.00	70.00	0.00373
15.00	70.00	0.00334	17.00	70.00	0.00300
20.00	70.00	0.00259	25.00	70.00	0.00206
30.00	70.00	0.00168	40.00	70.00	0.00118
50.00	70.00	0.00087	60.00	70.00	0.00067
70.00	70.00	0.00054	80.00	70.00	0.00044
90.00	70.00	0.00036	100.00	70.00	0.00031
-100.00	80.00	0.00110	-90.00	80.00	0.00129
-80.00	80.00	0.00152	-70.00	80.00	0.00181
-60.00	80.00	0.00217	-50.00	80.00	0.00262
-40.00	80.00	0.00313	-30.00	80.00	0.00374
-25.00	80.00	0.00410	-20.00	80.00	0.00458
-17.00	80.00	0.00497	-15.00	80.00	0.00531
-13.00	80.00	0.00574	-11.00	80.00	0.00630
-9.00	80.00	0.00705	9.00	80.00	0.00545
11.00	80.00	0.00478	13.00	80.00	0.00425
15.00	80.00	0.00382	17.00	80.00	0.00346
20.00	80.00	0.00299	25.00	80.00	0.00239
30.00	80.00	0.00194	40.00	80.00	0.00135
50.00	80.00	0.00099	60.00	80.00	0.00076
70.00	80.00	0.00060	80.00	80.00	0.00048
90.00	80.00	0.00040	100.00	80.00	0.00034
-100.00	90.00	0.00100	-90.00	90.00	0.00117
-80.00	90.00	0.00138	-70.00	90.00	0.00164
-60.00	90.00	0.00197	-50.00	90.00	0.00238
-40.00	90.00	0.00291	-30.00	90.00	0.00356
-25.00	90.00	0.00397	-20.00	90.00	0.00454
-17.00	90.00	0.00501	-15.00	90.00	0.00541

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	90.00	0.00591	-11.00	90.00	0.00655
-9.00	90.00	0.00737	9.00	90.00	0.00588
11.00	90.00	0.00518	13.00	90.00	0.00462
15.00	90.00	0.00416	17.00	90.00	0.00377

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00329	25.00	90.00	0.00266
30.00	90.00	0.00218	40.00	90.00	0.00152
50.00	90.00	0.00111	60.00	90.00	0.00085
70.00	90.00	0.00066	80.00	90.00	0.00054
90.00	90.00	0.00044	100.00	90.00	0.00037
-100.00	100.00	0.00089	-90.00	100.00	0.00104
-80.00	100.00	0.00122	-70.00	100.00	0.00145
-60.00	100.00	0.00174	-50.00	100.00	0.00211
-40.00	100.00	0.00261	-30.00	100.00	0.00330
-25.00	100.00	0.00377	-20.00	100.00	0.00440
-17.00	100.00	0.00493	-15.00	100.00	0.00537
-13.00	100.00	0.00592	-11.00	100.00	0.00660
-9.00	100.00	0.00746	9.00	100.00	0.00615
11.00	100.00	0.00543	13.00	100.00	0.00487
15.00	100.00	0.00440	17.00	100.00	0.00400
20.00	100.00	0.00349	25.00	100.00	0.00285
30.00	100.00	0.00237	40.00	100.00	0.00168
50.00	100.00	0.00123	60.00	100.00	0.00094
70.00	100.00	0.00073	80.00	100.00	0.00059
90.00	100.00	0.00048	100.00	100.00	0.00040
-100.00	110.00	0.00078	-90.00	110.00	0.00090
-80.00	110.00	0.00105	-70.00	110.00	0.00124
-60.00	110.00	0.00149	-50.00	110.00	0.00182
-40.00	110.00	0.00227	-30.00	110.00	0.00294
-25.00	110.00	0.00344	-20.00	110.00	0.00413
-17.00	110.00	0.00469	-15.00	110.00	0.00516
-13.00	110.00	0.00572	-11.00	110.00	0.00642
-9.00	110.00	0.00731	9.00	110.00	0.00627
11.00	110.00	0.00555	13.00	110.00	0.00500
15.00	110.00	0.00454	17.00	110.00	0.00414

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	110.00	0.00365	25.00	110.00	0.00300
30.00	110.00	0.00251	40.00	110.00	0.00181
50.00	110.00	0.00135	60.00	110.00	0.00102
70.00	110.00	0.00080	80.00	110.00	0.00064
90.00	110.00	0.00052	100.00	110.00	0.00043
-100.00	120.00	0.00067	-90.00	120.00	0.00077
-80.00	120.00	0.00089	-70.00	120.00	0.00105
-60.00	120.00	0.00125	-50.00	120.00	0.00152
-40.00	120.00	0.00190	-30.00	120.00	0.00251
-25.00	120.00	0.00299	-20.00	120.00	0.00367

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

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

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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	0.00425	-15.00	120.00	0.00472
-13.00	120.00	0.00529	-11.00	120.00	0.00600
-9.00	120.00	0.00688	9.00	120.00	0.00628
11.00	120.00	0.00559	13.00	120.00	0.00506
15.00	120.00	0.00462	17.00	120.00	0.00424
20.00	120.00	0.00376	25.00	120.00	0.00312
30.00	120.00	0.00263	40.00	120.00	0.00192
50.00	120.00	0.00144	60.00	120.00	0.00110
70.00	120.00	0.00086	80.00	120.00	0.00069
90.00	120.00	0.00056	100.00	120.00	0.00046
-100.00	130.00	0.00058	-90.00	130.00	0.00066
-80.00	130.00	0.00076	-70.00	130.00	0.00088
-60.00	130.00	0.00104	-50.00	130.00	0.00126
-40.00	130.00	0.00158	-30.00	130.00	0.00210
-25.00	130.00	0.00252	-20.00	130.00	0.00313
-17.00	130.00	0.00364	-15.00	130.00	0.00406
-13.00	130.00	0.00457	-11.00	130.00	0.00521
-9.00	130.00	0.00602	9.00	130.00	0.00625
11.00	130.00	0.00562	13.00	130.00	0.00509
15.00	130.00	0.00467	17.00	130.00	0.00431
20.00	130.00	0.00383	25.00	130.00	0.00320
30.00	130.00	0.00270	40.00	130.00	0.00199
50.00	130.00	0.00150	60.00	130.00	0.00116
70.00	130.00	0.00091	80.00	130.00	0.00072

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	130.00	0.00059	100.00	130.00	0.00049
-100.00	140.00	0.00051	-90.00	140.00	0.00057
-80.00	140.00	0.00066	-70.00	140.00	0.00076
-60.00	140.00	0.00089	-50.00	140.00	0.00108
-40.00	140.00	0.00137	-30.00	140.00	0.00185
-25.00	140.00	0.00224	-20.00	140.00	0.00280
-17.00	140.00	0.00326	-15.00	140.00	0.00363
-13.00	140.00	0.00408	-11.00	140.00	0.00462
-9.00	140.00	0.00528	9.00	140.00	0.00586
11.00	140.00	0.00536	13.00	140.00	0.00491
15.00	140.00	0.00452	17.00	140.00	0.00418
20.00	140.00	0.00373	25.00	140.00	0.00313
30.00	140.00	0.00266	40.00	140.00	0.00198
50.00	140.00	0.00152	60.00	140.00	0.00118
70.00	140.00	0.00093	80.00	140.00	0.00075
90.00	140.00	0.00061	100.00	140.00	0.00051

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

URBAN FLAT FLGPOL DFAULT

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

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00045	-90.00	150.00	0.00050
-80.00	150.00	0.00057	-70.00	150.00	0.00067
-60.00	150.00	0.00079	-50.00	150.00	0.00097
-40.00	150.00	0.00125	-30.00	150.00	0.00175
-25.00	150.00	0.00215	-20.00	150.00	0.00272
-17.00	150.00	0.00318	-15.00	150.00	0.00354
-13.00	150.00	0.00396	-11.00	150.00	0.00443
-9.00	150.00	0.00493	9.00	150.00	0.00486
11.00	150.00	0.00454	13.00	150.00	0.00425
15.00	150.00	0.00398	17.00	150.00	0.00373
20.00	150.00	0.00339	25.00	150.00	0.00291
30.00	150.00	0.00251	40.00	150.00	0.00191
50.00	150.00	0.00149	60.00	150.00	0.00117
70.00	150.00	0.00094	80.00	150.00	0.00076
90.00	150.00	0.00062	100.00	150.00	0.00052
-100.00	160.00	0.00040	-90.00	160.00	0.00045
-80.00	160.00	0.00051	-70.00	160.00	0.00060
-60.00	160.00	0.00072	-50.00	160.00	0.00091

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	160.00	0.00120	-30.00	160.00	0.00172
-25.00	160.00	0.00211	-20.00	160.00	0.00264
-17.00	160.00	0.00303	-15.00	160.00	0.00333
-13.00	160.00	0.00364	-11.00	160.00	0.00396
-9.00	160.00	0.00427	9.00	160.00	0.00399
11.00	160.00	0.00377	13.00	160.00	0.00356
15.00	160.00	0.00337	17.00	160.00	0.00319
20.00	160.00	0.00295	25.00	160.00	0.00260
30.00	160.00	0.00229	40.00	160.00	0.00180
50.00	160.00	0.00143	60.00	160.00	0.00115
70.00	160.00	0.00093	80.00	160.00	0.00076
90.00	160.00	0.00063	100.00	160.00	0.00052
-100.00	170.00	0.00036	-90.00	170.00	0.00041
-80.00	170.00	0.00047	-70.00	170.00	0.00056
-60.00	170.00	0.00069	-50.00	170.00	0.00088
-40.00	170.00	0.00118	-30.00	170.00	0.00167
-25.00	170.00	0.00202	-20.00	170.00	0.00247
-17.00	170.00	0.00278	-15.00	170.00	0.00299
-13.00	170.00	0.00321	-11.00	170.00	0.00341
-9.00	170.00	0.00359	9.00	170.00	0.00331
11.00	170.00	0.00316	13.00	170.00	0.00300
15.00	170.00	0.00286	17.00	170.00	0.00273

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

URBAN FLAT FLGPOL DFAULT

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

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00254	25.00	170.00	0.00227
30.00	170.00	0.00204	40.00	170.00	0.00165
50.00	170.00	0.00134	60.00	170.00	0.00110
70.00	170.00	0.00091	80.00	170.00	0.00075
90.00	170.00	0.00062	100.00	170.00	0.00052
-100.00	180.00	0.00034	-90.00	180.00	0.00039
-80.00	180.00	0.00045	-70.00	180.00	0.00054
-60.00	180.00	0.00067	-50.00	180.00	0.00085
-40.00	180.00	0.00114	-30.00	180.00	0.00159
-25.00	180.00	0.00189	-20.00	180.00	0.00225
-17.00	180.00	0.00248	-15.00	180.00	0.00263
-13.00	180.00	0.00277	-11.00	180.00	0.00289

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	180.00	0.00300	9.00	180.00	0.00277
11.00	180.00	0.00266	13.00	180.00	0.00255
15.00	180.00	0.00245	17.00	180.00	0.00234
20.00	180.00	0.00220	25.00	180.00	0.00198
30.00	180.00	0.00180	40.00	180.00	0.00149
50.00	180.00	0.00124	60.00	180.00	0.00104
70.00	180.00	0.00087	80.00	180.00	0.00073
90.00	180.00	0.00062	100.00	180.00	0.00052
-100.00	190.00	0.00032	-90.00	190.00	0.00037
-80.00	190.00	0.00044	-70.00	190.00	0.00052
-60.00	190.00	0.00065	-50.00	190.00	0.00083
-40.00	190.00	0.00110	-30.00	190.00	0.00149
-25.00	190.00	0.00174	-20.00	190.00	0.00202
-17.00	190.00	0.00218	-15.00	190.00	0.00228
-13.00	190.00	0.00238	-11.00	190.00	0.00246
-9.00	190.00	0.00252	9.00	190.00	0.00234
11.00	190.00	0.00227	13.00	190.00	0.00219
15.00	190.00	0.00211	17.00	190.00	0.00203
20.00	190.00	0.00191	25.00	190.00	0.00174
30.00	190.00	0.00159	40.00	190.00	0.00134
50.00	190.00	0.00114	60.00	190.00	0.00097
70.00	190.00	0.00083	80.00	190.00	0.00070
90.00	190.00	0.00060	100.00	190.00	0.00051
-100.00	200.00	0.00031	-90.00	200.00	0.00036
-80.00	200.00	0.00042	-70.00	200.00	0.00051
-60.00	200.00	0.00063	-50.00	200.00	0.00080
-40.00	200.00	0.00105	-30.00	200.00	0.00139
-25.00	200.00	0.00159	-20.00	200.00	0.00179

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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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	0.00191	-15.00	200.00	0.00198
-13.00	200.00	0.00205	-11.00	200.00	0.00210
-9.00	200.00	0.00214	9.00	200.00	0.00200
11.00	200.00	0.00194	13.00	200.00	0.00188
15.00	200.00	0.00182	17.00	200.00	0.00176
20.00	200.00	0.00167	25.00	200.00	0.00153

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	200.00	0.00141	40.00	200.00	0.00120
50.00	200.00	0.00104	60.00	200.00	0.00090
70.00	200.00	0.00078	80.00	200.00	0.00067
90.00	200.00	0.00058	100.00	200.00	0.00050
-100.00	210.00	0.00030	-90.00	210.00	0.00035
-80.00	210.00	0.00041	-70.00	210.00	0.00049
-60.00	210.00	0.00061	-50.00	210.00	0.00077
-40.00	210.00	0.00099	-30.00	210.00	0.00128
-25.00	210.00	0.00144	-20.00	210.00	0.00159
-17.00	210.00	0.00168	-15.00	210.00	0.00173
-13.00	210.00	0.00177	-11.00	210.00	0.00181
-9.00	210.00	0.00183	9.00	210.00	0.00172
11.00	210.00	0.00168	13.00	210.00	0.00164
15.00	210.00	0.00159	17.00	210.00	0.00154
20.00	210.00	0.00147	25.00	210.00	0.00136
30.00	210.00	0.00126	40.00	210.00	0.00108
50.00	210.00	0.00094	60.00	210.00	0.00083
70.00	210.00	0.00073	80.00	210.00	0.00064
90.00	210.00	0.00056	100.00	210.00	0.00049
-100.00	220.00	0.00029	-90.00	220.00	0.00034
-80.00	220.00	0.00040	-70.00	220.00	0.00048
-60.00	220.00	0.00059	-50.00	220.00	0.00073
-40.00	220.00	0.00093	-30.00	220.00	0.00117
-25.00	220.00	0.00130	-20.00	220.00	0.00142
-17.00	220.00	0.00148	-15.00	220.00	0.00151
-13.00	220.00	0.00154	-11.00	220.00	0.00157
-9.00	220.00	0.00159	9.00	220.00	0.00149
11.00	220.00	0.00146	13.00	220.00	0.00143
15.00	220.00	0.00140	17.00	220.00	0.00136
20.00	220.00	0.00131	25.00	220.00	0.00121
30.00	220.00	0.00113	40.00	220.00	0.00098
50.00	220.00	0.00086	60.00	220.00	0.00076
70.00	220.00	0.00067	80.00	220.00	0.00060
90.00	220.00	0.00053	100.00	220.00	0.00047

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

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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\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	230.00	0.00028	-90.00	230.00	0.00033
-80.00	230.00	0.00039	-70.00	230.00	0.00046
-60.00	230.00	0.00057	-50.00	230.00	0.00070
-40.00	230.00	0.00087	-30.00	230.00	0.00107
-25.00	230.00	0.00117	-20.00	230.00	0.00126
-17.00	230.00	0.00131	-15.00	230.00	0.00133
-13.00	230.00	0.00135	-11.00	230.00	0.00137
-9.00	230.00	0.00138	9.00	230.00	0.00131
11.00	230.00	0.00129	13.00	230.00	0.00126
15.00	230.00	0.00123	17.00	230.00	0.00121
20.00	230.00	0.00116	25.00	230.00	0.00109
30.00	230.00	0.00102	40.00	230.00	0.00089
50.00	230.00	0.00078	60.00	230.00	0.00070
70.00	230.00	0.00062	80.00	230.00	0.00056
90.00	230.00	0.00050	100.00	230.00	0.00045
-100.00	240.00	0.00028	-90.00	240.00	0.00032
-80.00	240.00	0.00038	-70.00	240.00	0.00045
-60.00	240.00	0.00054	-50.00	240.00	0.00067
-40.00	240.00	0.00082	-30.00	240.00	0.00098
-25.00	240.00	0.00106	-20.00	240.00	0.00113
-17.00	240.00	0.00116	-15.00	240.00	0.00118
-13.00	240.00	0.00120	-11.00	240.00	0.00121
-9.00	240.00	0.00122	9.00	240.00	0.00116
11.00	240.00	0.00114	13.00	240.00	0.00112
15.00	240.00	0.00110	17.00	240.00	0.00107
20.00	240.00	0.00104	25.00	240.00	0.00098
30.00	240.00	0.00092	40.00	240.00	0.00081
50.00	240.00	0.00072	60.00	240.00	0.00064
70.00	240.00	0.00058	80.00	240.00	0.00052
90.00	240.00	0.00047	100.00	240.00	0.00043
-100.00	250.00	0.00027	-90.00	250.00	0.00031
-80.00	250.00	0.00036	-70.00	250.00	0.00043
-60.00	250.00	0.00052	-50.00	250.00	0.00063
-40.00	250.00	0.00076	-30.00	250.00	0.00090
-25.00	250.00	0.00096	-20.00	250.00	0.00101
-17.00	250.00	0.00104	-15.00	250.00	0.00105
-13.00	250.00	0.00106	-11.00	250.00	0.00107
-9.00	250.00	0.00108	9.00	250.00	0.00103
11.00	250.00	0.00101	13.00	250.00	0.00100
15.00	250.00	0.00098	17.00	250.00	0.00096

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

\*\*\*

\*\*\* 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\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	250.00	0.00093	25.00	250.00	0.00089	
30.00	250.00	0.00084	40.00	250.00	0.00074	
50.00	250.00	0.00066	60.00	250.00	0.00059	
70.00	250.00	0.00053	80.00	250.00	0.00049	
90.00	250.00	0.00044	100.00	250.00	0.00040	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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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	0.00030	-90.00	-250.00	0.00031	
-80.00	-250.00	0.00032	-70.00	-250.00	0.00032	
-60.00	-250.00	0.00032	-50.00	-250.00	0.00032	
-40.00	-250.00	0.00031	-30.00	-250.00	0.00030	
-25.00	-250.00	0.00030	-20.00	-250.00	0.00029	
-17.00	-250.00	0.00029	-15.00	-250.00	0.00029	
-13.00	-250.00	0.00028	-11.00	-250.00	0.00028	
-9.00	-250.00	0.00028	9.00	-250.00	0.00025	
11.00	-250.00	0.00024	13.00	-250.00	0.00024	
15.00	-250.00	0.00023	17.00	-250.00	0.00023	
20.00	-250.00	0.00022	25.00	-250.00	0.00022	
30.00	-250.00	0.00021	40.00	-250.00	0.00019	
50.00	-250.00	0.00018	60.00	-250.00	0.00016	
70.00	-250.00	0.00015	80.00	-250.00	0.00014	
90.00	-250.00	0.00013	100.00	-250.00	0.00012	
-100.00	-240.00	0.00032	-90.00	-240.00	0.00033	
-80.00	-240.00	0.00034	-70.00	-240.00	0.00034	
-60.00	-240.00	0.00035	-50.00	-240.00	0.00034	
-40.00	-240.00	0.00034	-30.00	-240.00	0.00033	
-25.00	-240.00	0.00032	-20.00	-240.00	0.00032	
-17.00	-240.00	0.00031	-15.00	-240.00	0.00031	
-13.00	-240.00	0.00031	-11.00	-240.00	0.00030	
-9.00	-240.00	0.00030	9.00	-240.00	0.00026	

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-240.00	0.00026	13.00	-240.00	0.00026
15.00	-240.00	0.00025	17.00	-240.00	0.00025
20.00	-240.00	0.00024	25.00	-240.00	0.00023
30.00	-240.00	0.00022	40.00	-240.00	0.00020
50.00	-240.00	0.00019	60.00	-240.00	0.00017
70.00	-240.00	0.00016	80.00	-240.00	0.00015
90.00	-240.00	0.00014	100.00	-240.00	0.00013
-100.00	-230.00	0.00035	-90.00	-230.00	0.00036
-80.00	-230.00	0.00036	-70.00	-230.00	0.00037
-60.00	-230.00	0.00037	-50.00	-230.00	0.00037
-40.00	-230.00	0.00037	-30.00	-230.00	0.00036
-25.00	-230.00	0.00035	-20.00	-230.00	0.00035
-17.00	-230.00	0.00034	-15.00	-230.00	0.00034
-13.00	-230.00	0.00033	-11.00	-230.00	0.00033
-9.00	-230.00	0.00032	9.00	-230.00	0.00028
11.00	-230.00	0.00028	13.00	-230.00	0.00028
15.00	-230.00	0.00027	17.00	-230.00	0.00027

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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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\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00026	25.00	-230.00	0.00025
30.00	-230.00	0.00024	40.00	-230.00	0.00022
50.00	-230.00	0.00020	60.00	-230.00	0.00018
70.00	-230.00	0.00017	80.00	-230.00	0.00016
90.00	-230.00	0.00014	100.00	-230.00	0.00013
-100.00	-220.00	0.00037	-90.00	-220.00	0.00038
-80.00	-220.00	0.00039	-70.00	-220.00	0.00040
-60.00	-220.00	0.00040	-50.00	-220.00	0.00041
-40.00	-220.00	0.00040	-30.00	-220.00	0.00039
-25.00	-220.00	0.00038	-20.00	-220.00	0.00038
-17.00	-220.00	0.00037	-15.00	-220.00	0.00037
-13.00	-220.00	0.00036	-11.00	-220.00	0.00036
-9.00	-220.00	0.00035	9.00	-220.00	0.00031
11.00	-220.00	0.00030	13.00	-220.00	0.00030
15.00	-220.00	0.00029	17.00	-220.00	0.00029
20.00	-220.00	0.00028	25.00	-220.00	0.00027
30.00	-220.00	0.00025	40.00	-220.00	0.00023

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-220.00	0.00021	60.00	-220.00	0.00020
70.00	-220.00	0.00018	80.00	-220.00	0.00017
90.00	-220.00	0.00015	100.00	-220.00	0.00014
-100.00	-210.00	0.00040	-90.00	-210.00	0.00041
-80.00	-210.00	0.00042	-70.00	-210.00	0.00043
-60.00	-210.00	0.00044	-50.00	-210.00	0.00044
-40.00	-210.00	0.00044	-30.00	-210.00	0.00043
-25.00	-210.00	0.00042	-20.00	-210.00	0.00041
-17.00	-210.00	0.00041	-15.00	-210.00	0.00040
-13.00	-210.00	0.00040	-11.00	-210.00	0.00039
-9.00	-210.00	0.00039	9.00	-210.00	0.00033
11.00	-210.00	0.00033	13.00	-210.00	0.00032
15.00	-210.00	0.00032	17.00	-210.00	0.00031
20.00	-210.00	0.00030	25.00	-210.00	0.00029
30.00	-210.00	0.00027	40.00	-210.00	0.00025
50.00	-210.00	0.00023	60.00	-210.00	0.00021
70.00	-210.00	0.00019	80.00	-210.00	0.00017
90.00	-210.00	0.00016	100.00	-210.00	0.00015
-100.00	-200.00	0.00043	-90.00	-200.00	0.00044
-80.00	-200.00	0.00046	-70.00	-200.00	0.00047
-60.00	-200.00	0.00048	-50.00	-200.00	0.00048
-40.00	-200.00	0.00048	-30.00	-200.00	0.00047
-25.00	-200.00	0.00046	-20.00	-200.00	0.00045

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

16:37:33  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00045	-15.00	-200.00	0.00044
-13.00	-200.00	0.00044	-11.00	-200.00	0.00043
-9.00	-200.00	0.00043	9.00	-200.00	0.00036
11.00	-200.00	0.00036	13.00	-200.00	0.00035
15.00	-200.00	0.00034	17.00	-200.00	0.00034
20.00	-200.00	0.00033	25.00	-200.00	0.00031
30.00	-200.00	0.00030	40.00	-200.00	0.00027
50.00	-200.00	0.00024	60.00	-200.00	0.00022
70.00	-200.00	0.00020	80.00	-200.00	0.00018
90.00	-200.00	0.00017	100.00	-200.00	0.00015
-100.00	-190.00	0.00047	-90.00	-190.00	0.00048

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	-190.00	0.00050	-70.00	-190.00	0.00051
-60.00	-190.00	0.00052	-50.00	-190.00	0.00053
-40.00	-190.00	0.00053	-30.00	-190.00	0.00052
-25.00	-190.00	0.00051	-20.00	-190.00	0.00050
-17.00	-190.00	0.00049	-15.00	-190.00	0.00049
-13.00	-190.00	0.00048	-11.00	-190.00	0.00048
-9.00	-190.00	0.00047	9.00	-190.00	0.00040
11.00	-190.00	0.00039	13.00	-190.00	0.00038
15.00	-190.00	0.00038	17.00	-190.00	0.00037
20.00	-190.00	0.00036	25.00	-190.00	0.00034
30.00	-190.00	0.00032	40.00	-190.00	0.00029
50.00	-190.00	0.00026	60.00	-190.00	0.00024
70.00	-190.00	0.00021	80.00	-190.00	0.00019
90.00	-190.00	0.00017	100.00	-190.00	0.00016
-100.00	-180.00	0.00050	-90.00	-180.00	0.00052
-80.00	-180.00	0.00054	-70.00	-180.00	0.00056
-60.00	-180.00	0.00057	-50.00	-180.00	0.00059
-40.00	-180.00	0.00059	-30.00	-180.00	0.00058
-25.00	-180.00	0.00057	-20.00	-180.00	0.00056
-17.00	-180.00	0.00055	-15.00	-180.00	0.00054
-13.00	-180.00	0.00054	-11.00	-180.00	0.00053
-9.00	-180.00	0.00052	9.00	-180.00	0.00044
11.00	-180.00	0.00043	13.00	-180.00	0.00042
15.00	-180.00	0.00041	17.00	-180.00	0.00040
20.00	-180.00	0.00039	25.00	-180.00	0.00037
30.00	-180.00	0.00035	40.00	-180.00	0.00031
50.00	-180.00	0.00028	60.00	-180.00	0.00025
70.00	-180.00	0.00023	80.00	-180.00	0.00020
90.00	-180.00	0.00018	100.00	-180.00	0.00016

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

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

16:37:33

\*\*MODELOPTS:  
 PAGE 66

CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00055	-90.00	-170.00	0.00057
-80.00	-170.00	0.00059	-70.00	-170.00	0.00061
-60.00	-170.00	0.00063	-50.00	-170.00	0.00065
-40.00	-170.00	0.00065	-30.00	-170.00	0.00065
-25.00	-170.00	0.00064	-20.00	-170.00	0.00062

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-170.00	0.00061	-15.00	-170.00	0.00061
-13.00	-170.00	0.00060	-11.00	-170.00	0.00059
-9.00	-170.00	0.00058	9.00	-170.00	0.00049
11.00	-170.00	0.00047	13.00	-170.00	0.00046
15.00	-170.00	0.00045	17.00	-170.00	0.00044
20.00	-170.00	0.00043	25.00	-170.00	0.00040
30.00	-170.00	0.00038	40.00	-170.00	0.00034
50.00	-170.00	0.00030	60.00	-170.00	0.00027
70.00	-170.00	0.00024	80.00	-170.00	0.00021
90.00	-170.00	0.00019	100.00	-170.00	0.00017
-100.00	-160.00	0.00060	-90.00	-160.00	0.00062
-80.00	-160.00	0.00065	-70.00	-160.00	0.00067
-60.00	-160.00	0.00070	-50.00	-160.00	0.00072
-40.00	-160.00	0.00073	-30.00	-160.00	0.00073
-25.00	-160.00	0.00072	-20.00	-160.00	0.00070
-17.00	-160.00	0.00069	-15.00	-160.00	0.00068
-13.00	-160.00	0.00067	-11.00	-160.00	0.00067
-9.00	-160.00	0.00065	9.00	-160.00	0.00054
11.00	-160.00	0.00053	13.00	-160.00	0.00051
15.00	-160.00	0.00050	17.00	-160.00	0.00049
20.00	-160.00	0.00047	25.00	-160.00	0.00044
30.00	-160.00	0.00041	40.00	-160.00	0.00037
50.00	-160.00	0.00032	60.00	-160.00	0.00029
70.00	-160.00	0.00026	80.00	-160.00	0.00023
90.00	-160.00	0.00020	100.00	-160.00	0.00017
-100.00	-150.00	0.00066	-90.00	-150.00	0.00069
-80.00	-150.00	0.00072	-70.00	-150.00	0.00074
-60.00	-150.00	0.00077	-50.00	-150.00	0.00080
-40.00	-150.00	0.00082	-30.00	-150.00	0.00082
-25.00	-150.00	0.00081	-20.00	-150.00	0.00080
-17.00	-150.00	0.00079	-15.00	-150.00	0.00078
-13.00	-150.00	0.00077	-11.00	-150.00	0.00075
-9.00	-150.00	0.00074	9.00	-150.00	0.00060
11.00	-150.00	0.00059	13.00	-150.00	0.00057
15.00	-150.00	0.00056	17.00	-150.00	0.00054

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

16:37:33  
 \*\*MODELOPTs:  
 PAGE 67

CONC      URBAN FLAT    FLGPOL    DFAULT

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

03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	-150.00	0.00052	25.00	-150.00	0.00049	
30.00	-150.00	0.00045	40.00	-150.00	0.00040	
50.00	-150.00	0.00035	60.00	-150.00	0.00031	
70.00	-150.00	0.00027	80.00	-150.00	0.00024	
90.00	-150.00	0.00021	100.00	-150.00	0.00018	
-100.00	-140.00	0.00073	-90.00	-140.00	0.00076	
-80.00	-140.00	0.00079	-70.00	-140.00	0.00083	
-60.00	-140.00	0.00086	-50.00	-140.00	0.00090	
-40.00	-140.00	0.00092	-30.00	-140.00	0.00093	
-25.00	-140.00	0.00093	-20.00	-140.00	0.00091	
-17.00	-140.00	0.00090	-15.00	-140.00	0.00089	
-13.00	-140.00	0.00088	-11.00	-140.00	0.00086	
-9.00	-140.00	0.00085	9.00	-140.00	0.00068	
11.00	-140.00	0.00066	13.00	-140.00	0.00064	
15.00	-140.00	0.00062	17.00	-140.00	0.00060	
20.00	-140.00	0.00058	25.00	-140.00	0.00054	
30.00	-140.00	0.00050	40.00	-140.00	0.00043	
50.00	-140.00	0.00038	60.00	-140.00	0.00033	
70.00	-140.00	0.00028	80.00	-140.00	0.00025	
90.00	-140.00	0.00021	100.00	-140.00	0.00018	
-100.00	-130.00	0.00081	-90.00	-130.00	0.00085	
-80.00	-130.00	0.00089	-70.00	-130.00	0.00093	
-60.00	-130.00	0.00097	-50.00	-130.00	0.00101	
-40.00	-130.00	0.00105	-30.00	-130.00	0.00107	
-25.00	-130.00	0.00106	-20.00	-130.00	0.00105	
-17.00	-130.00	0.00104	-15.00	-130.00	0.00102	
-13.00	-130.00	0.00101	-11.00	-130.00	0.00099	
-9.00	-130.00	0.00098	9.00	-130.00	0.00077	
11.00	-130.00	0.00075	13.00	-130.00	0.00072	
15.00	-130.00	0.00070	17.00	-130.00	0.00068	
20.00	-130.00	0.00065	25.00	-130.00	0.00060	
30.00	-130.00	0.00055	40.00	-130.00	0.00047	
50.00	-130.00	0.00041	60.00	-130.00	0.00035	
70.00	-130.00	0.00030	80.00	-130.00	0.00025	
90.00	-130.00	0.00022	100.00	-130.00	0.00019	
-100.00	-120.00	0.00089	-90.00	-120.00	0.00094	
-80.00	-120.00	0.00100	-70.00	-120.00	0.00105	
-60.00	-120.00	0.00109	-50.00	-120.00	0.00114	
-40.00	-120.00	0.00120	-30.00	-120.00	0.00123	
-25.00	-120.00	0.00123	-20.00	-120.00	0.00122	

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:37:33  
\*\*MODELOPTS:

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00120	-15.00	-120.00	0.00119
-13.00	-120.00	0.00118	-11.00	-120.00	0.00116
-9.00	-120.00	0.00114	9.00	-120.00	0.00088
11.00	-120.00	0.00085	13.00	-120.00	0.00082
15.00	-120.00	0.00079	17.00	-120.00	0.00076
20.00	-120.00	0.00072	25.00	-120.00	0.00067
30.00	-120.00	0.00061	40.00	-120.00	0.00052
50.00	-120.00	0.00044	60.00	-120.00	0.00037
70.00	-120.00	0.00031	80.00	-120.00	0.00026
90.00	-120.00	0.00022	100.00	-120.00	0.00019
-100.00	-110.00	0.00097	-90.00	-110.00	0.00104
-80.00	-110.00	0.00111	-70.00	-110.00	0.00118
-60.00	-110.00	0.00125	-50.00	-110.00	0.00131
-40.00	-110.00	0.00137	-30.00	-110.00	0.00142
-25.00	-110.00	0.00143	-20.00	-110.00	0.00143
-17.00	-110.00	0.00142	-15.00	-110.00	0.00140
-13.00	-110.00	0.00139	-11.00	-110.00	0.00136
-9.00	-110.00	0.00134	9.00	-110.00	0.00101
11.00	-110.00	0.00097	13.00	-110.00	0.00093
15.00	-110.00	0.00090	17.00	-110.00	0.00086
20.00	-110.00	0.00082	25.00	-110.00	0.00074
30.00	-110.00	0.00068	40.00	-110.00	0.00057
50.00	-110.00	0.00047	60.00	-110.00	0.00039
70.00	-110.00	0.00032	80.00	-110.00	0.00027
90.00	-110.00	0.00023	100.00	-110.00	0.00020
-100.00	-100.00	0.00105	-90.00	-100.00	0.00114
-80.00	-100.00	0.00124	-70.00	-100.00	0.00134
-60.00	-100.00	0.00143	-50.00	-100.00	0.00151
-40.00	-100.00	0.00158	-30.00	-100.00	0.00166
-25.00	-100.00	0.00168	-20.00	-100.00	0.00169
-17.00	-100.00	0.00168	-15.00	-100.00	0.00167
-13.00	-100.00	0.00165	-11.00	-100.00	0.00163
-9.00	-100.00	0.00160	9.00	-100.00	0.00117
11.00	-100.00	0.00112	13.00	-100.00	0.00107
15.00	-100.00	0.00102	17.00	-100.00	0.00098
20.00	-100.00	0.00092	25.00	-100.00	0.00083
30.00	-100.00	0.00075	40.00	-100.00	0.00061

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-100.00	0.00050	60.00	-100.00	0.00041
70.00	-100.00	0.00034	80.00	-100.00	0.00028
90.00	-100.00	0.00023	100.00	-100.00	0.00020

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

16:37:33  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00112	-90.00	-90.00	0.00124
-80.00	-90.00	0.00137	-70.00	-90.00	0.00150
-60.00	-90.00	0.00163	-50.00	-90.00	0.00175
-40.00	-90.00	0.00185	-30.00	-90.00	0.00195
-25.00	-90.00	0.00199	-20.00	-90.00	0.00201
-17.00	-90.00	0.00201	-15.00	-90.00	0.00200
-13.00	-90.00	0.00199	-11.00	-90.00	0.00196
-9.00	-90.00	0.00193	9.00	-90.00	0.00136
11.00	-90.00	0.00129	13.00	-90.00	0.00123
15.00	-90.00	0.00117	17.00	-90.00	0.00112
20.00	-90.00	0.00104	25.00	-90.00	0.00093
30.00	-90.00	0.00083	40.00	-90.00	0.00066
50.00	-90.00	0.00052	60.00	-90.00	0.00042
70.00	-90.00	0.00035	80.00	-90.00	0.00029
90.00	-90.00	0.00024	100.00	-90.00	0.00020
-100.00	-80.00	0.00120	-90.00	-80.00	0.00134
-80.00	-80.00	0.00149	-70.00	-80.00	0.00166
-60.00	-80.00	0.00184	-50.00	-80.00	0.00202
-40.00	-80.00	0.00218	-30.00	-80.00	0.00231
-25.00	-80.00	0.00236	-20.00	-80.00	0.00240
-17.00	-80.00	0.00242	-15.00	-80.00	0.00242
-13.00	-80.00	0.00241	-11.00	-80.00	0.00239
-9.00	-80.00	0.00235	9.00	-80.00	0.00159
11.00	-80.00	0.00150	13.00	-80.00	0.00142
15.00	-80.00	0.00134	17.00	-80.00	0.00127
20.00	-80.00	0.00117	25.00	-80.00	0.00102
30.00	-80.00	0.00090	40.00	-80.00	0.00069
50.00	-80.00	0.00055	60.00	-80.00	0.00044
70.00	-80.00	0.00035	80.00	-80.00	0.00029
90.00	-80.00	0.00024	100.00	-80.00	0.00021
-100.00	-70.00	0.00125	-90.00	-70.00	0.00142

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	-70.00	0.00161	-70.00	-70.00	0.00182
-60.00	-70.00	0.00205	-50.00	-70.00	0.00230
-40.00	-70.00	0.00255	-30.00	-70.00	0.00276
-25.00	-70.00	0.00284	-20.00	-70.00	0.00289
-17.00	-70.00	0.00292	-15.00	-70.00	0.00293
-13.00	-70.00	0.00294	-11.00	-70.00	0.00293
-9.00	-70.00	0.00290	9.00	-70.00	0.00185
11.00	-70.00	0.00173	13.00	-70.00	0.00162
15.00	-70.00	0.00152	17.00	-70.00	0.00142

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

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

16:37:33

\*\*MODELOPTs:

PAGE 70

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00129	25.00	-70.00	0.00111
30.00	-70.00	0.00096	40.00	-70.00	0.00073
50.00	-70.00	0.00057	60.00	-70.00	0.00045
70.00	-70.00	0.00036	80.00	-70.00	0.00030
90.00	-70.00	0.00025	100.00	-70.00	0.00021
-100.00	-60.00	0.00129	-90.00	-60.00	0.00148
-80.00	-60.00	0.00171	-70.00	-60.00	0.00196
-60.00	-60.00	0.00224	-50.00	-60.00	0.00256
-40.00	-60.00	0.00290	-30.00	-60.00	0.00324
-25.00	-60.00	0.00339	-20.00	-60.00	0.00352
-17.00	-60.00	0.00357	-15.00	-60.00	0.00360
-13.00	-60.00	0.00362	-11.00	-60.00	0.00363
-9.00	-60.00	0.00362	9.00	-60.00	0.00214
11.00	-60.00	0.00197	13.00	-60.00	0.00181
15.00	-60.00	0.00168	17.00	-60.00	0.00155
20.00	-60.00	0.00140	25.00	-60.00	0.00118
30.00	-60.00	0.00101	40.00	-60.00	0.00076
50.00	-60.00	0.00059	60.00	-60.00	0.00046
70.00	-60.00	0.00038	80.00	-60.00	0.00031
90.00	-60.00	0.00026	100.00	-60.00	0.00022
-100.00	-50.00	0.00130	-90.00	-50.00	0.00151
-80.00	-50.00	0.00176	-70.00	-50.00	0.00205
-60.00	-50.00	0.00238	-50.00	-50.00	0.00277
-40.00	-50.00	0.00321	-30.00	-50.00	0.00368
-25.00	-50.00	0.00392	-20.00	-50.00	0.00416

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	-50.00	0.00431	-15.00	-50.00	0.00441
-13.00	-50.00	0.00450	-11.00	-50.00	0.00461
-9.00	-50.00	0.00471	9.00	-50.00	0.00239
11.00	-50.00	0.00216	13.00	-50.00	0.00196
15.00	-50.00	0.00180	17.00	-50.00	0.00167
20.00	-50.00	0.00149	25.00	-50.00	0.00125
30.00	-50.00	0.00107	40.00	-50.00	0.00080
50.00	-50.00	0.00062	60.00	-50.00	0.00049
70.00	-50.00	0.00040	80.00	-50.00	0.00033
90.00	-50.00	0.00028	100.00	-50.00	0.00024
-100.00	-40.00	0.00128	-90.00	-40.00	0.00150
-80.00	-40.00	0.00176	-70.00	-40.00	0.00207
-60.00	-40.00	0.00244	-50.00	-40.00	0.00287
-40.00	-40.00	0.00336	-30.00	-40.00	0.00391
-25.00	-40.00	0.00421	-20.00	-40.00	0.00454

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

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

16:37:33

\*\*MODELOPTs:  
 PAGE 71

CONC                      URBAN FLAT    FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00476	-15.00	-40.00	0.00491
-13.00	-40.00	0.00508	-11.00	-40.00	0.00530
-9.00	-40.00	0.00556	9.00	-40.00	0.00288
11.00	-40.00	0.00255	13.00	-40.00	0.00230
15.00	-40.00	0.00209	17.00	-40.00	0.00192
20.00	-40.00	0.00171	25.00	-40.00	0.00142
30.00	-40.00	0.00120	40.00	-40.00	0.00089
50.00	-40.00	0.00068	60.00	-40.00	0.00053
70.00	-40.00	0.00043	80.00	-40.00	0.00036
90.00	-40.00	0.00030	100.00	-40.00	0.00025
-100.00	-30.00	0.00124	-90.00	-30.00	0.00145
-80.00	-30.00	0.00172	-70.00	-30.00	0.00204
-60.00	-30.00	0.00243	-50.00	-30.00	0.00288
-40.00	-30.00	0.00338	-30.00	-30.00	0.00395
-25.00	-30.00	0.00426	-20.00	-30.00	0.00459
-17.00	-30.00	0.00483	-15.00	-30.00	0.00501
-13.00	-30.00	0.00523	-11.00	-30.00	0.00551
-9.00	-30.00	0.00593	9.00	-30.00	0.00393
11.00	-30.00	0.00342	13.00	-30.00	0.00302

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	-30.00	0.00271	17.00	-30.00	0.00244
20.00	-30.00	0.00212	25.00	-30.00	0.00171
30.00	-30.00	0.00142	40.00	-30.00	0.00102
50.00	-30.00	0.00077	60.00	-30.00	0.00060
70.00	-30.00	0.00048	80.00	-30.00	0.00039
90.00	-30.00	0.00033	100.00	-30.00	0.00028
-100.00	-20.00	0.00118	-90.00	-20.00	0.00138
-80.00	-20.00	0.00164	-70.00	-20.00	0.00195
-60.00	-20.00	0.00233	-50.00	-20.00	0.00279
-40.00	-20.00	0.00330	-30.00	-20.00	0.00387
-25.00	-20.00	0.00419	-20.00	-20.00	0.00458
-17.00	-20.00	0.00489	-15.00	-20.00	0.00514
-13.00	-20.00	0.00547	-11.00	-20.00	0.00590
-9.00	-20.00	0.00652	9.00	-20.00	0.00481
11.00	-20.00	0.00420	13.00	-20.00	0.00373
15.00	-20.00	0.00334	17.00	-20.00	0.00300
20.00	-20.00	0.00259	25.00	-20.00	0.00206
30.00	-20.00	0.00168	40.00	-20.00	0.00118
50.00	-20.00	0.00087	60.00	-20.00	0.00067
70.00	-20.00	0.00054	80.00	-20.00	0.00044
90.00	-20.00	0.00036	100.00	-20.00	0.00031

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

16:37:33  
 \*\*MODELOPTs:  
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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	0.00110	-90.00	-10.00	0.00129
-80.00	-10.00	0.00152	-70.00	-10.00	0.00181
-60.00	-10.00	0.00217	-50.00	-10.00	0.00262
-40.00	-10.00	0.00313	-30.00	-10.00	0.00374
-25.00	-10.00	0.00410	-20.00	-10.00	0.00458
-17.00	-10.00	0.00497	-15.00	-10.00	0.00531
-13.00	-10.00	0.00574	-11.00	-10.00	0.00630
-9.00	-10.00	0.00705	9.00	-10.00	0.00545
11.00	-10.00	0.00478	13.00	-10.00	0.00425
15.00	-10.00	0.00382	17.00	-10.00	0.00346
20.00	-10.00	0.00299	25.00	-10.00	0.00239
30.00	-10.00	0.00194	40.00	-10.00	0.00135
50.00	-10.00	0.00099	60.00	-10.00	0.00076

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	-10.00	0.00060	80.00	-10.00	0.00048
90.00	-10.00	0.00040	100.00	-10.00	0.00034
-100.00	0.00	0.00100	-90.00	0.00	0.00117
-80.00	0.00	0.00138	-70.00	0.00	0.00164
-60.00	0.00	0.00197	-50.00	0.00	0.00238
-40.00	0.00	0.00291	-30.00	0.00	0.00356
-25.00	0.00	0.00397	-20.00	0.00	0.00454
-17.00	0.00	0.00501	-15.00	0.00	0.00541
-13.00	0.00	0.00591	-11.00	0.00	0.00655
-9.00	0.00	0.00737	9.00	0.00	0.00588
11.00	0.00	0.00518	13.00	0.00	0.00462
15.00	0.00	0.00416	17.00	0.00	0.00377
20.00	0.00	0.00329	25.00	0.00	0.00266
30.00	0.00	0.00218	40.00	0.00	0.00152
50.00	0.00	0.00111	60.00	0.00	0.00085
70.00	0.00	0.00066	80.00	0.00	0.00054
90.00	0.00	0.00044	100.00	0.00	0.00037
-100.00	10.00	0.00089	-90.00	10.00	0.00104
-80.00	10.00	0.00122	-70.00	10.00	0.00145
-60.00	10.00	0.00174	-50.00	10.00	0.00211
-40.00	10.00	0.00261	-30.00	10.00	0.00330
-25.00	10.00	0.00377	-20.00	10.00	0.00440
-17.00	10.00	0.00493	-15.00	10.00	0.00537
-13.00	10.00	0.00592	-11.00	10.00	0.00660
-9.00	10.00	0.00746	9.00	10.00	0.00615
11.00	10.00	0.00543	13.00	10.00	0.00487
15.00	10.00	0.00440	17.00	10.00	0.00400

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

16:37:33  
 \*\*MODELOPTs:  
 PAGE 73

CONC                      URBAN FLAT    FLGPOL    DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00349	25.00	10.00	0.00285
30.00	10.00	0.00237	40.00	10.00	0.00168
50.00	10.00	0.00123	60.00	10.00	0.00094
70.00	10.00	0.00073	80.00	10.00	0.00059
90.00	10.00	0.00048	100.00	10.00	0.00040
-100.00	20.00	0.00078	-90.00	20.00	0.00090
-80.00	20.00	0.00105	-70.00	20.00	0.00124

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	20.00	0.00149	-50.00	20.00	0.00182
-40.00	20.00	0.00227	-30.00	20.00	0.00294
-25.00	20.00	0.00344	-20.00	20.00	0.00413
-17.00	20.00	0.00469	-15.00	20.00	0.00516
-13.00	20.00	0.00572	-11.00	20.00	0.00642
-9.00	20.00	0.00731	9.00	20.00	0.00627
11.00	20.00	0.00555	13.00	20.00	0.00500
15.00	20.00	0.00454	17.00	20.00	0.00414
20.00	20.00	0.00365	25.00	20.00	0.00300
30.00	20.00	0.00251	40.00	20.00	0.00181
50.00	20.00	0.00135	60.00	20.00	0.00102
70.00	20.00	0.00080	80.00	20.00	0.00064
90.00	20.00	0.00052	100.00	20.00	0.00043
-100.00	30.00	0.00067	-90.00	30.00	0.00077
-80.00	30.00	0.00089	-70.00	30.00	0.00105
-60.00	30.00	0.00125	-50.00	30.00	0.00152
-40.00	30.00	0.00190	-30.00	30.00	0.00251
-25.00	30.00	0.00299	-20.00	30.00	0.00367
-17.00	30.00	0.00425	-15.00	30.00	0.00472
-13.00	30.00	0.00529	-11.00	30.00	0.00600
-9.00	30.00	0.00688	9.00	30.00	0.00628
11.00	30.00	0.00559	13.00	30.00	0.00506
15.00	30.00	0.00462	17.00	30.00	0.00424
20.00	30.00	0.00376	25.00	30.00	0.00312
30.00	30.00	0.00263	40.00	30.00	0.00192
50.00	30.00	0.00144	60.00	30.00	0.00110
70.00	30.00	0.00086	80.00	30.00	0.00069
90.00	30.00	0.00056	100.00	30.00	0.00046
-100.00	40.00	0.00058	-90.00	40.00	0.00066
-80.00	40.00	0.00076	-70.00	40.00	0.00088
-60.00	40.00	0.00104	-50.00	40.00	0.00126
-40.00	40.00	0.00158	-30.00	40.00	0.00210
-25.00	40.00	0.00252	-20.00	40.00	0.00313

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

16:37:33  
 \*\*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	0.00364	-15.00	40.00	0.00406

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	40.00	0.00457	-11.00	40.00	0.00521
-9.00	40.00	0.00602	9.00	40.00	0.00625
11.00	40.00	0.00562	13.00	40.00	0.00509
15.00	40.00	0.00467	17.00	40.00	0.00431
20.00	40.00	0.00383	25.00	40.00	0.00320
30.00	40.00	0.00270	40.00	40.00	0.00199
50.00	40.00	0.00150	60.00	40.00	0.00116
70.00	40.00	0.00091	80.00	40.00	0.00072
90.00	40.00	0.00059	100.00	40.00	0.00049
-100.00	50.00	0.00051	-90.00	50.00	0.00057
-80.00	50.00	0.00066	-70.00	50.00	0.00076
-60.00	50.00	0.00089	-50.00	50.00	0.00108
-40.00	50.00	0.00137	-30.00	50.00	0.00185
-25.00	50.00	0.00224	-20.00	50.00	0.00280
-17.00	50.00	0.00326	-15.00	50.00	0.00363
-13.00	50.00	0.00408	-11.00	50.00	0.00462
-9.00	50.00	0.00528	9.00	50.00	0.00586
11.00	50.00	0.00536	13.00	50.00	0.00491
15.00	50.00	0.00452	17.00	50.00	0.00418
20.00	50.00	0.00373	25.00	50.00	0.00313
30.00	50.00	0.00266	40.00	50.00	0.00198
50.00	50.00	0.00152	60.00	50.00	0.00118
70.00	50.00	0.00093	80.00	50.00	0.00075
90.00	50.00	0.00061	100.00	50.00	0.00051
-100.00	60.00	0.00045	-90.00	60.00	0.00050
-80.00	60.00	0.00057	-70.00	60.00	0.00067
-60.00	60.00	0.00079	-50.00	60.00	0.00097
-40.00	60.00	0.00125	-30.00	60.00	0.00175
-25.00	60.00	0.00215	-20.00	60.00	0.00272
-17.00	60.00	0.00318	-15.00	60.00	0.00354
-13.00	60.00	0.00396	-11.00	60.00	0.00443
-9.00	60.00	0.00493	9.00	60.00	0.00486
11.00	60.00	0.00454	13.00	60.00	0.00425
15.00	60.00	0.00398	17.00	60.00	0.00373
20.00	60.00	0.00339	25.00	60.00	0.00291
30.00	60.00	0.00251	40.00	60.00	0.00191
50.00	60.00	0.00149	60.00	60.00	0.00117
70.00	60.00	0.00094	80.00	60.00	0.00076
90.00	60.00	0.00062	100.00	60.00	0.00052

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:37:33

\*\*MODELOPTs:

PAGE 75

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00040	-90.00	70.00	0.00045
-80.00	70.00	0.00051	-70.00	70.00	0.00060
-60.00	70.00	0.00072	-50.00	70.00	0.00091
-40.00	70.00	0.00120	-30.00	70.00	0.00172
-25.00	70.00	0.00211	-20.00	70.00	0.00264
-17.00	70.00	0.00303	-15.00	70.00	0.00333
-13.00	70.00	0.00364	-11.00	70.00	0.00396
-9.00	70.00	0.00427	9.00	70.00	0.00399
11.00	70.00	0.00377	13.00	70.00	0.00356
15.00	70.00	0.00337	17.00	70.00	0.00319
20.00	70.00	0.00295	25.00	70.00	0.00260
30.00	70.00	0.00229	40.00	70.00	0.00180
50.00	70.00	0.00143	60.00	70.00	0.00115
70.00	70.00	0.00093	80.00	70.00	0.00076
90.00	70.00	0.00063	100.00	70.00	0.00052
-100.00	80.00	0.00036	-90.00	80.00	0.00041
-80.00	80.00	0.00047	-70.00	80.00	0.00056
-60.00	80.00	0.00069	-50.00	80.00	0.00088
-40.00	80.00	0.00118	-30.00	80.00	0.00167
-25.00	80.00	0.00202	-20.00	80.00	0.00247
-17.00	80.00	0.00278	-15.00	80.00	0.00299
-13.00	80.00	0.00321	-11.00	80.00	0.00341
-9.00	80.00	0.00359	9.00	80.00	0.00331
11.00	80.00	0.00316	13.00	80.00	0.00300
15.00	80.00	0.00286	17.00	80.00	0.00273
20.00	80.00	0.00254	25.00	80.00	0.00227
30.00	80.00	0.00204	40.00	80.00	0.00165
50.00	80.00	0.00134	60.00	80.00	0.00110
70.00	80.00	0.00091	80.00	80.00	0.00075
90.00	80.00	0.00062	100.00	80.00	0.00052
-100.00	90.00	0.00034	-90.00	90.00	0.00039
-80.00	90.00	0.00045	-70.00	90.00	0.00054
-60.00	90.00	0.00067	-50.00	90.00	0.00085
-40.00	90.00	0.00114	-30.00	90.00	0.00159
-25.00	90.00	0.00189	-20.00	90.00	0.00225
-17.00	90.00	0.00248	-15.00	90.00	0.00263
-13.00	90.00	0.00277	-11.00	90.00	0.00289
-9.00	90.00	0.00300	9.00	90.00	0.00277
11.00	90.00	0.00266	13.00	90.00	0.00255

15.00 90.00 0.00245 17.00 90.00 0.00234

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

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\*\*MODELOPTs:  
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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	0.00220	25.00	90.00	0.00198
30.00	90.00	0.00180	40.00	90.00	0.00149
50.00	90.00	0.00124	60.00	90.00	0.00104
70.00	90.00	0.00087	80.00	90.00	0.00073
90.00	90.00	0.00062	100.00	90.00	0.00052
-100.00	100.00	0.00032	-90.00	100.00	0.00037
-80.00	100.00	0.00044	-70.00	100.00	0.00052
-60.00	100.00	0.00065	-50.00	100.00	0.00083
-40.00	100.00	0.00110	-30.00	100.00	0.00149
-25.00	100.00	0.00174	-20.00	100.00	0.00202
-17.00	100.00	0.00218	-15.00	100.00	0.00228
-13.00	100.00	0.00238	-11.00	100.00	0.00246
-9.00	100.00	0.00252	9.00	100.00	0.00234
11.00	100.00	0.00227	13.00	100.00	0.00219
15.00	100.00	0.00211	17.00	100.00	0.00203
20.00	100.00	0.00191	25.00	100.00	0.00174
30.00	100.00	0.00159	40.00	100.00	0.00134
50.00	100.00	0.00114	60.00	100.00	0.00097
70.00	100.00	0.00083	80.00	100.00	0.00070
90.00	100.00	0.00060	100.00	100.00	0.00051
-100.00	110.00	0.00031	-90.00	110.00	0.00036
-80.00	110.00	0.00042	-70.00	110.00	0.00051
-60.00	110.00	0.00063	-50.00	110.00	0.00080
-40.00	110.00	0.00105	-30.00	110.00	0.00139
-25.00	110.00	0.00159	-20.00	110.00	0.00179
-17.00	110.00	0.00191	-15.00	110.00	0.00198
-13.00	110.00	0.00205	-11.00	110.00	0.00210
-9.00	110.00	0.00214	9.00	110.00	0.00200
11.00	110.00	0.00194	13.00	110.00	0.00188
15.00	110.00	0.00182	17.00	110.00	0.00176
20.00	110.00	0.00167	25.00	110.00	0.00153
30.00	110.00	0.00141	40.00	110.00	0.00120
50.00	110.00	0.00104	60.00	110.00	0.00090

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	110.00	0.00078	80.00	110.00	0.00067
90.00	110.00	0.00058	100.00	110.00	0.00050
-100.00	120.00	0.00030	-90.00	120.00	0.00035
-80.00	120.00	0.00041	-70.00	120.00	0.00049
-60.00	120.00	0.00061	-50.00	120.00	0.00077
-40.00	120.00	0.00099	-30.00	120.00	0.00128
-25.00	120.00	0.00144	-20.00	120.00	0.00159

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

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

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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	0.00168	-15.00	120.00	0.00173
-13.00	120.00	0.00177	-11.00	120.00	0.00181
-9.00	120.00	0.00183	9.00	120.00	0.00172
11.00	120.00	0.00168	13.00	120.00	0.00164
15.00	120.00	0.00159	17.00	120.00	0.00154
20.00	120.00	0.00147	25.00	120.00	0.00136
30.00	120.00	0.00126	40.00	120.00	0.00108
50.00	120.00	0.00094	60.00	120.00	0.00083
70.00	120.00	0.00073	80.00	120.00	0.00064
90.00	120.00	0.00056	100.00	120.00	0.00049
-100.00	130.00	0.00029	-90.00	130.00	0.00034
-80.00	130.00	0.00040	-70.00	130.00	0.00048
-60.00	130.00	0.00059	-50.00	130.00	0.00073
-40.00	130.00	0.00093	-30.00	130.00	0.00117
-25.00	130.00	0.00130	-20.00	130.00	0.00142
-17.00	130.00	0.00148	-15.00	130.00	0.00151
-13.00	130.00	0.00154	-11.00	130.00	0.00157
-9.00	130.00	0.00159	9.00	130.00	0.00149
11.00	130.00	0.00146	13.00	130.00	0.00143
15.00	130.00	0.00140	17.00	130.00	0.00136
20.00	130.00	0.00131	25.00	130.00	0.00121
30.00	130.00	0.00113	40.00	130.00	0.00098
50.00	130.00	0.00086	60.00	130.00	0.00076
70.00	130.00	0.00067	80.00	130.00	0.00060
90.00	130.00	0.00053	100.00	130.00	0.00047
-100.00	140.00	0.00028	-90.00	140.00	0.00033
-80.00	140.00	0.00039	-70.00	140.00	0.00046

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	140.00	0.00057	-50.00	140.00	0.00070
-40.00	140.00	0.00087	-30.00	140.00	0.00107
-25.00	140.00	0.00117	-20.00	140.00	0.00126
-17.00	140.00	0.00131	-15.00	140.00	0.00133
-13.00	140.00	0.00135	-11.00	140.00	0.00137
-9.00	140.00	0.00138	9.00	140.00	0.00131
11.00	140.00	0.00129	13.00	140.00	0.00126
15.00	140.00	0.00123	17.00	140.00	0.00121
20.00	140.00	0.00116	25.00	140.00	0.00109
30.00	140.00	0.00102	40.00	140.00	0.00089
50.00	140.00	0.00078	60.00	140.00	0.00070
70.00	140.00	0.00062	80.00	140.00	0.00056
90.00	140.00	0.00050	100.00	140.00	0.00045

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

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

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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	0.00028	-90.00	150.00	0.00032
-80.00	150.00	0.00038	-70.00	150.00	0.00045
-60.00	150.00	0.00054	-50.00	150.00	0.00067
-40.00	150.00	0.00082	-30.00	150.00	0.00098
-25.00	150.00	0.00106	-20.00	150.00	0.00113
-17.00	150.00	0.00116	-15.00	150.00	0.00118
-13.00	150.00	0.00120	-11.00	150.00	0.00121
-9.00	150.00	0.00122	9.00	150.00	0.00116
11.00	150.00	0.00114	13.00	150.00	0.00112
15.00	150.00	0.00110	17.00	150.00	0.00107
20.00	150.00	0.00104	25.00	150.00	0.00098
30.00	150.00	0.00092	40.00	150.00	0.00081
50.00	150.00	0.00072	60.00	150.00	0.00064
70.00	150.00	0.00058	80.00	150.00	0.00052
90.00	150.00	0.00047	100.00	150.00	0.00043
-100.00	160.00	0.00027	-90.00	160.00	0.00031
-80.00	160.00	0.00036	-70.00	160.00	0.00043
-60.00	160.00	0.00052	-50.00	160.00	0.00063
-40.00	160.00	0.00076	-30.00	160.00	0.00090
-25.00	160.00	0.00096	-20.00	160.00	0.00101
-17.00	160.00	0.00104	-15.00	160.00	0.00105

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	160.00	0.00106	-11.00	160.00	0.00107
-9.00	160.00	0.00108	9.00	160.00	0.00103
11.00	160.00	0.00101	13.00	160.00	0.00100
15.00	160.00	0.00098	17.00	160.00	0.00096
20.00	160.00	0.00093	25.00	160.00	0.00089
30.00	160.00	0.00084	40.00	160.00	0.00074
50.00	160.00	0.00066	60.00	160.00	0.00059
70.00	160.00	0.00053	80.00	160.00	0.00049
90.00	160.00	0.00044	100.00	160.00	0.00040
-100.00	170.00	0.00026	-90.00	170.00	0.00030
-80.00	170.00	0.00035	-70.00	170.00	0.00042
-60.00	170.00	0.00050	-50.00	170.00	0.00060
-40.00	170.00	0.00071	-30.00	170.00	0.00082
-25.00	170.00	0.00087	-20.00	170.00	0.00091
-17.00	170.00	0.00093	-15.00	170.00	0.00094
-13.00	170.00	0.00095	-11.00	170.00	0.00096
-9.00	170.00	0.00096	9.00	170.00	0.00092
11.00	170.00	0.00091	13.00	170.00	0.00090
15.00	170.00	0.00088	17.00	170.00	0.00087

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

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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	0.00084	25.00	170.00	0.00080
30.00	170.00	0.00076	40.00	170.00	0.00068
50.00	170.00	0.00061	60.00	170.00	0.00055
70.00	170.00	0.00050	80.00	170.00	0.00045
90.00	170.00	0.00042	100.00	170.00	0.00038
-100.00	180.00	0.00026	-90.00	180.00	0.00029
-80.00	180.00	0.00034	-70.00	180.00	0.00040
-60.00	180.00	0.00048	-50.00	180.00	0.00056
-40.00	180.00	0.00066	-30.00	180.00	0.00075
-25.00	180.00	0.00079	-20.00	180.00	0.00083
-17.00	180.00	0.00084	-15.00	180.00	0.00085
-13.00	180.00	0.00086	-11.00	180.00	0.00086
-9.00	180.00	0.00086	9.00	180.00	0.00083
11.00	180.00	0.00082	13.00	180.00	0.00081
15.00	180.00	0.00080	17.00	180.00	0.00078

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	180.00	0.00077	25.00	180.00	0.00073
30.00	180.00	0.00070	40.00	180.00	0.00063
50.00	180.00	0.00056	60.00	180.00	0.00051
70.00	180.00	0.00046	80.00	180.00	0.00042
90.00	180.00	0.00039	100.00	180.00	0.00036
-100.00	190.00	0.00025	-90.00	190.00	0.00028
-80.00	190.00	0.00033	-70.00	190.00	0.00039
-60.00	190.00	0.00046	-50.00	190.00	0.00053
-40.00	190.00	0.00062	-30.00	190.00	0.00069
-25.00	190.00	0.00073	-20.00	190.00	0.00075
-17.00	190.00	0.00076	-15.00	190.00	0.00077
-13.00	190.00	0.00078	-11.00	190.00	0.00078
-9.00	190.00	0.00078	9.00	190.00	0.00075
11.00	190.00	0.00074	13.00	190.00	0.00073
15.00	190.00	0.00072	17.00	190.00	0.00071
20.00	190.00	0.00070	25.00	190.00	0.00067
30.00	190.00	0.00064	40.00	190.00	0.00058
50.00	190.00	0.00052	60.00	190.00	0.00048
70.00	190.00	0.00043	80.00	190.00	0.00040
90.00	190.00	0.00037	100.00	190.00	0.00034
-100.00	200.00	0.00024	-90.00	200.00	0.00028
-80.00	200.00	0.00032	-70.00	200.00	0.00037
-60.00	200.00	0.00043	-50.00	200.00	0.00050
-40.00	200.00	0.00058	-30.00	200.00	0.00064
-25.00	200.00	0.00067	-20.00	200.00	0.00069

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00070	-15.00	200.00	0.00070
-13.00	200.00	0.00070	-11.00	200.00	0.00071
-9.00	200.00	0.00071	9.00	200.00	0.00068
11.00	200.00	0.00068	13.00	200.00	0.00067
15.00	200.00	0.00066	17.00	200.00	0.00065
20.00	200.00	0.00064	25.00	200.00	0.00061
30.00	200.00	0.00059	40.00	200.00	0.00054
50.00	200.00	0.00049	60.00	200.00	0.00044
70.00	200.00	0.00041	80.00	200.00	0.00037

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	200.00	0.00035	100.00	200.00	0.00032
-100.00	210.00	0.00023	-90.00	210.00	0.00027
-80.00	210.00	0.00031	-70.00	210.00	0.00036
-60.00	210.00	0.00041	-50.00	210.00	0.00048
-40.00	210.00	0.00054	-30.00	210.00	0.00059
-25.00	210.00	0.00061	-20.00	210.00	0.00063
-17.00	210.00	0.00064	-15.00	210.00	0.00064
-13.00	210.00	0.00064	-11.00	210.00	0.00065
-9.00	210.00	0.00065	9.00	210.00	0.00062
11.00	210.00	0.00062	13.00	210.00	0.00061
15.00	210.00	0.00060	17.00	210.00	0.00060
20.00	210.00	0.00059	25.00	210.00	0.00057
30.00	210.00	0.00054	40.00	210.00	0.00050
50.00	210.00	0.00046	60.00	210.00	0.00042
70.00	210.00	0.00038	80.00	210.00	0.00035
90.00	210.00	0.00033	100.00	210.00	0.00030
-100.00	220.00	0.00023	-90.00	220.00	0.00026
-80.00	220.00	0.00030	-70.00	220.00	0.00034
-60.00	220.00	0.00040	-50.00	220.00	0.00045
-40.00	220.00	0.00050	-30.00	220.00	0.00055
-25.00	220.00	0.00056	-20.00	220.00	0.00058
-17.00	220.00	0.00058	-15.00	220.00	0.00059
-13.00	220.00	0.00059	-11.00	220.00	0.00059
-9.00	220.00	0.00059	9.00	220.00	0.00057
11.00	220.00	0.00057	13.00	220.00	0.00056
15.00	220.00	0.00056	17.00	220.00	0.00055
20.00	220.00	0.00054	25.00	220.00	0.00052
30.00	220.00	0.00050	40.00	220.00	0.00047
50.00	220.00	0.00043	60.00	220.00	0.00039
70.00	220.00	0.00036	80.00	220.00	0.00033
90.00	220.00	0.00031	100.00	220.00	0.00029

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00022	-90.00	230.00	0.00025
-80.00	230.00	0.00029	-70.00	230.00	0.00033
-60.00	230.00	0.00038	-50.00	230.00	0.00042

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	230.00	0.00047	-30.00	230.00	0.00051
-25.00	230.00	0.00052	-20.00	230.00	0.00053
-17.00	230.00	0.00054	-15.00	230.00	0.00054
-13.00	230.00	0.00054	-11.00	230.00	0.00054
-9.00	230.00	0.00054	9.00	230.00	0.00053
11.00	230.00	0.00052	13.00	230.00	0.00052
15.00	230.00	0.00051	17.00	230.00	0.00051
20.00	230.00	0.00050	25.00	230.00	0.00048
30.00	230.00	0.00047	40.00	230.00	0.00043
50.00	230.00	0.00040	60.00	230.00	0.00037
70.00	230.00	0.00034	80.00	230.00	0.00031
90.00	230.00	0.00029	100.00	230.00	0.00027
-100.00	240.00	0.00022	-90.00	240.00	0.00025
-80.00	240.00	0.00028	-70.00	240.00	0.00032
-60.00	240.00	0.00036	-50.00	240.00	0.00040
-40.00	240.00	0.00044	-30.00	240.00	0.00047
-25.00	240.00	0.00048	-20.00	240.00	0.00049
-17.00	240.00	0.00050	-15.00	240.00	0.00050
-13.00	240.00	0.00050	-11.00	240.00	0.00050
-9.00	240.00	0.00050	9.00	240.00	0.00049
11.00	240.00	0.00048	13.00	240.00	0.00048
15.00	240.00	0.00047	17.00	240.00	0.00047
20.00	240.00	0.00046	25.00	240.00	0.00045
30.00	240.00	0.00044	40.00	240.00	0.00041
50.00	240.00	0.00038	60.00	240.00	0.00035
70.00	240.00	0.00032	80.00	240.00	0.00030
90.00	240.00	0.00028	100.00	240.00	0.00026
-100.00	250.00	0.00021	-90.00	250.00	0.00024
-80.00	250.00	0.00027	-70.00	250.00	0.00030
-60.00	250.00	0.00034	-50.00	250.00	0.00038
-40.00	250.00	0.00041	-30.00	250.00	0.00044
-25.00	250.00	0.00045	-20.00	250.00	0.00046
-17.00	250.00	0.00046	-15.00	250.00	0.00046
-13.00	250.00	0.00046	-11.00	250.00	0.00046
-9.00	250.00	0.00047	9.00	250.00	0.00045
11.00	250.00	0.00045	13.00	250.00	0.00044
15.00	250.00	0.00044	17.00	250.00	0.00044

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

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

16:37:33

\*\*MODELOPTs:  
 PAGE 82

CONC URBAN FLAT FLGPOL DFAULT

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

03NCRA\_NAPA97-300 DPM TRAV ANN N-S Bound  
\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00043	25.00	250.00	0.00042
30.00	250.00	0.00041	40.00	250.00	0.00038
50.00	250.00	0.00035	60.00	250.00	0.00033
70.00	250.00	0.00030	80.00	250.00	0.00028
90.00	250.00	0.00026	100.00	250.00	0.00025

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

16:37:33  
\*\*MODELOPTs:  
PAGE 83  
CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00060	-90.00	-250.00	0.00062
-80.00	-250.00	0.00065	-70.00	-250.00	0.00067
-60.00	-250.00	0.00070	-50.00	-250.00	0.00072
-40.00	-250.00	0.00073	-30.00	-250.00	0.00073
-25.00	-250.00	0.00072	-20.00	-250.00	0.00070
-17.00	-250.00	0.00069	-15.00	-250.00	0.00068
-13.00	-250.00	0.00067	-11.00	-250.00	0.00067
-9.00	-250.00	0.00065	9.00	-250.00	0.00054
11.00	-250.00	0.00053	13.00	-250.00	0.00051
15.00	-250.00	0.00050	17.00	-250.00	0.00049
20.00	-250.00	0.00047	25.00	-250.00	0.00044
30.00	-250.00	0.00041	40.00	-250.00	0.00037
50.00	-250.00	0.00032	60.00	-250.00	0.00029
70.00	-250.00	0.00026	80.00	-250.00	0.00023
90.00	-250.00	0.00020	100.00	-250.00	0.00017
-100.00	-240.00	0.00066	-90.00	-240.00	0.00069
-80.00	-240.00	0.00072	-70.00	-240.00	0.00074
-60.00	-240.00	0.00077	-50.00	-240.00	0.00080
-40.00	-240.00	0.00082	-30.00	-240.00	0.00082
-25.00	-240.00	0.00081	-20.00	-240.00	0.00080
-17.00	-240.00	0.00079	-15.00	-240.00	0.00078
-13.00	-240.00	0.00077	-11.00	-240.00	0.00075
-9.00	-240.00	0.00074	9.00	-240.00	0.00060
11.00	-240.00	0.00059	13.00	-240.00	0.00057
15.00	-240.00	0.00056	17.00	-240.00	0.00054
20.00	-240.00	0.00052	25.00	-240.00	0.00049

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-240.00	0.00045	40.00	-240.00	0.00040
50.00	-240.00	0.00035	60.00	-240.00	0.00031
70.00	-240.00	0.00027	80.00	-240.00	0.00024
90.00	-240.00	0.00021	100.00	-240.00	0.00018
-100.00	-230.00	0.00073	-90.00	-230.00	0.00076
-80.00	-230.00	0.00079	-70.00	-230.00	0.00083
-60.00	-230.00	0.00086	-50.00	-230.00	0.00090
-40.00	-230.00	0.00092	-30.00	-230.00	0.00093
-25.00	-230.00	0.00093	-20.00	-230.00	0.00091
-17.00	-230.00	0.00090	-15.00	-230.00	0.00089
-13.00	-230.00	0.00088	-11.00	-230.00	0.00086
-9.00	-230.00	0.00085	9.00	-230.00	0.00068
11.00	-230.00	0.00066	13.00	-230.00	0.00064
15.00	-230.00	0.00062	17.00	-230.00	0.00060

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

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

16:37:33

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00058	25.00	-230.00	0.00054
30.00	-230.00	0.00050	40.00	-230.00	0.00043
50.00	-230.00	0.00038	60.00	-230.00	0.00033
70.00	-230.00	0.00028	80.00	-230.00	0.00025
90.00	-230.00	0.00021	100.00	-230.00	0.00018
-100.00	-220.00	0.00081	-90.00	-220.00	0.00085
-80.00	-220.00	0.00089	-70.00	-220.00	0.00093
-60.00	-220.00	0.00097	-50.00	-220.00	0.00101
-40.00	-220.00	0.00105	-30.00	-220.00	0.00107
-25.00	-220.00	0.00106	-20.00	-220.00	0.00105
-17.00	-220.00	0.00104	-15.00	-220.00	0.00102
-13.00	-220.00	0.00101	-11.00	-220.00	0.00099
-9.00	-220.00	0.00098	9.00	-220.00	0.00077
11.00	-220.00	0.00075	13.00	-220.00	0.00072
15.00	-220.00	0.00070	17.00	-220.00	0.00068
20.00	-220.00	0.00065	25.00	-220.00	0.00060
30.00	-220.00	0.00055	40.00	-220.00	0.00047
50.00	-220.00	0.00041	60.00	-220.00	0.00035
70.00	-220.00	0.00030	80.00	-220.00	0.00025
90.00	-220.00	0.00022	100.00	-220.00	0.00019

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-210.00	0.00089	-90.00	-210.00	0.00094
-80.00	-210.00	0.00100	-70.00	-210.00	0.00105
-60.00	-210.00	0.00109	-50.00	-210.00	0.00114
-40.00	-210.00	0.00120	-30.00	-210.00	0.00123
-25.00	-210.00	0.00123	-20.00	-210.00	0.00122
-17.00	-210.00	0.00120	-15.00	-210.00	0.00119
-13.00	-210.00	0.00118	-11.00	-210.00	0.00116
-9.00	-210.00	0.00114	9.00	-210.00	0.00088
11.00	-210.00	0.00085	13.00	-210.00	0.00082
15.00	-210.00	0.00079	17.00	-210.00	0.00076
20.00	-210.00	0.00072	25.00	-210.00	0.00067
30.00	-210.00	0.00061	40.00	-210.00	0.00052
50.00	-210.00	0.00044	60.00	-210.00	0.00037
70.00	-210.00	0.00031	80.00	-210.00	0.00026
90.00	-210.00	0.00022	100.00	-210.00	0.00019
-100.00	-200.00	0.00097	-90.00	-200.00	0.00104
-80.00	-200.00	0.00111	-70.00	-200.00	0.00118
-60.00	-200.00	0.00125	-50.00	-200.00	0.00131
-40.00	-200.00	0.00137	-30.00	-200.00	0.00142
-25.00	-200.00	0.00143	-20.00	-200.00	0.00143

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

16:37:33  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00142	-15.00	-200.00	0.00140
-13.00	-200.00	0.00139	-11.00	-200.00	0.00136
-9.00	-200.00	0.00134	9.00	-200.00	0.00101
11.00	-200.00	0.00097	13.00	-200.00	0.00093
15.00	-200.00	0.00090	17.00	-200.00	0.00086
20.00	-200.00	0.00082	25.00	-200.00	0.00074
30.00	-200.00	0.00068	40.00	-200.00	0.00057
50.00	-200.00	0.00047	60.00	-200.00	0.00039
70.00	-200.00	0.00032	80.00	-200.00	0.00027
90.00	-200.00	0.00023	100.00	-200.00	0.00020
-100.00	-190.00	0.00105	-90.00	-190.00	0.00114
-80.00	-190.00	0.00124	-70.00	-190.00	0.00134
-60.00	-190.00	0.00143	-50.00	-190.00	0.00151
-40.00	-190.00	0.00158	-30.00	-190.00	0.00166

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	-190.00	0.00168	-20.00	-190.00	0.00169
-17.00	-190.00	0.00168	-15.00	-190.00	0.00167
-13.00	-190.00	0.00165	-11.00	-190.00	0.00163
-9.00	-190.00	0.00160	9.00	-190.00	0.00117
11.00	-190.00	0.00112	13.00	-190.00	0.00107
15.00	-190.00	0.00102	17.00	-190.00	0.00098
20.00	-190.00	0.00092	25.00	-190.00	0.00083
30.00	-190.00	0.00075	40.00	-190.00	0.00061
50.00	-190.00	0.00050	60.00	-190.00	0.00041
70.00	-190.00	0.00034	80.00	-190.00	0.00028
90.00	-190.00	0.00023	100.00	-190.00	0.00020
-100.00	-180.00	0.00112	-90.00	-180.00	0.00124
-80.00	-180.00	0.00137	-70.00	-180.00	0.00150
-60.00	-180.00	0.00163	-50.00	-180.00	0.00175
-40.00	-180.00	0.00185	-30.00	-180.00	0.00195
-25.00	-180.00	0.00199	-20.00	-180.00	0.00201
-17.00	-180.00	0.00201	-15.00	-180.00	0.00200
-13.00	-180.00	0.00199	-11.00	-180.00	0.00196
-9.00	-180.00	0.00193	9.00	-180.00	0.00136
11.00	-180.00	0.00129	13.00	-180.00	0.00123
15.00	-180.00	0.00117	17.00	-180.00	0.00112
20.00	-180.00	0.00104	25.00	-180.00	0.00093
30.00	-180.00	0.00083	40.00	-180.00	0.00066
50.00	-180.00	0.00052	60.00	-180.00	0.00042
70.00	-180.00	0.00035	80.00	-180.00	0.00029
90.00	-180.00	0.00024	100.00	-180.00	0.00020

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

04/20/08

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

16:37:33

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00120	-90.00	-170.00	0.00134
-80.00	-170.00	0.00149	-70.00	-170.00	0.00166
-60.00	-170.00	0.00184	-50.00	-170.00	0.00202
-40.00	-170.00	0.00218	-30.00	-170.00	0.00231
-25.00	-170.00	0.00236	-20.00	-170.00	0.00240
-17.00	-170.00	0.00242	-15.00	-170.00	0.00242
-13.00	-170.00	0.00241	-11.00	-170.00	0.00239
-9.00	-170.00	0.00235	9.00	-170.00	0.00159

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-170.00	0.00150	13.00	-170.00	0.00142
15.00	-170.00	0.00134	17.00	-170.00	0.00127
20.00	-170.00	0.00117	25.00	-170.00	0.00102
30.00	-170.00	0.00090	40.00	-170.00	0.00069
50.00	-170.00	0.00055	60.00	-170.00	0.00044
70.00	-170.00	0.00035	80.00	-170.00	0.00029
90.00	-170.00	0.00024	100.00	-170.00	0.00021
-100.00	-160.00	0.00125	-90.00	-160.00	0.00142
-80.00	-160.00	0.00161	-70.00	-160.00	0.00182
-60.00	-160.00	0.00205	-50.00	-160.00	0.00230
-40.00	-160.00	0.00255	-30.00	-160.00	0.00276
-25.00	-160.00	0.00284	-20.00	-160.00	0.00289
-17.00	-160.00	0.00292	-15.00	-160.00	0.00293
-13.00	-160.00	0.00294	-11.00	-160.00	0.00293
-9.00	-160.00	0.00290	9.00	-160.00	0.00185
11.00	-160.00	0.00173	13.00	-160.00	0.00162
15.00	-160.00	0.00152	17.00	-160.00	0.00142
20.00	-160.00	0.00129	25.00	-160.00	0.00111
30.00	-160.00	0.00096	40.00	-160.00	0.00073
50.00	-160.00	0.00057	60.00	-160.00	0.00045
70.00	-160.00	0.00036	80.00	-160.00	0.00030
90.00	-160.00	0.00025	100.00	-160.00	0.00021
-100.00	-150.00	0.00129	-90.00	-150.00	0.00148
-80.00	-150.00	0.00171	-70.00	-150.00	0.00196
-60.00	-150.00	0.00224	-50.00	-150.00	0.00256
-40.00	-150.00	0.00290	-30.00	-150.00	0.00324
-25.00	-150.00	0.00339	-20.00	-150.00	0.00352
-17.00	-150.00	0.00357	-15.00	-150.00	0.00360
-13.00	-150.00	0.00362	-11.00	-150.00	0.00363
-9.00	-150.00	0.00362	9.00	-150.00	0.00214
11.00	-150.00	0.00197	13.00	-150.00	0.00181
15.00	-150.00	0.00168	17.00	-150.00	0.00155

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

16:37:33  
 \*\*MODELOPTS:  
 PAGE 87  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00140	25.00	-150.00	0.00118
30.00	-150.00	0.00101	40.00	-150.00	0.00076

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-150.00	0.00059	60.00	-150.00	0.00046
70.00	-150.00	0.00038	80.00	-150.00	0.00031
90.00	-150.00	0.00026	100.00	-150.00	0.00022
-100.00	-140.00	0.00130	-90.00	-140.00	0.00151
-80.00	-140.00	0.00176	-70.00	-140.00	0.00205
-60.00	-140.00	0.00238	-50.00	-140.00	0.00277
-40.00	-140.00	0.00321	-30.00	-140.00	0.00368
-25.00	-140.00	0.00392	-20.00	-140.00	0.00416
-17.00	-140.00	0.00431	-15.00	-140.00	0.00441
-13.00	-140.00	0.00450	-11.00	-140.00	0.00461
-9.00	-140.00	0.00471	9.00	-140.00	0.00239
11.00	-140.00	0.00216	13.00	-140.00	0.00196
15.00	-140.00	0.00180	17.00	-140.00	0.00167
20.00	-140.00	0.00149	25.00	-140.00	0.00125
30.00	-140.00	0.00107	40.00	-140.00	0.00080
50.00	-140.00	0.00062	60.00	-140.00	0.00049
70.00	-140.00	0.00040	80.00	-140.00	0.00033
90.00	-140.00	0.00028	100.00	-140.00	0.00024
-100.00	-130.00	0.00128	-90.00	-130.00	0.00150
-80.00	-130.00	0.00176	-70.00	-130.00	0.00207
-60.00	-130.00	0.00244	-50.00	-130.00	0.00287
-40.00	-130.00	0.00336	-30.00	-130.00	0.00391
-25.00	-130.00	0.00421	-20.00	-130.00	0.00454
-17.00	-130.00	0.00476	-15.00	-130.00	0.00491
-13.00	-130.00	0.00508	-11.00	-130.00	0.00530
-9.00	-130.00	0.00556	9.00	-130.00	0.00288
11.00	-130.00	0.00255	13.00	-130.00	0.00230
15.00	-130.00	0.00209	17.00	-130.00	0.00192
20.00	-130.00	0.00171	25.00	-130.00	0.00142
30.00	-130.00	0.00120	40.00	-130.00	0.00089
50.00	-130.00	0.00068	60.00	-130.00	0.00053
70.00	-130.00	0.00043	80.00	-130.00	0.00036
90.00	-130.00	0.00030	100.00	-130.00	0.00025
-100.00	-120.00	0.00124	-90.00	-120.00	0.00145
-80.00	-120.00	0.00172	-70.00	-120.00	0.00204
-60.00	-120.00	0.00243	-50.00	-120.00	0.00288
-40.00	-120.00	0.00338	-30.00	-120.00	0.00395
-25.00	-120.00	0.00426	-20.00	-120.00	0.00459

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

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

16:37:33  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

03NCRA NAPA97-300\_DPM\_TRAV\_ANN N-S Bound  
 INCLUDING SOURCE(S) : NCRA\_S4 ,

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00483	-15.00	-120.00	0.00501
-13.00	-120.00	0.00523	-11.00	-120.00	0.00551
-9.00	-120.00	0.00593	9.00	-120.00	0.00393
11.00	-120.00	0.00342	13.00	-120.00	0.00302
15.00	-120.00	0.00271	17.00	-120.00	0.00244
20.00	-120.00	0.00212	25.00	-120.00	0.00171
30.00	-120.00	0.00142	40.00	-120.00	0.00102
50.00	-120.00	0.00077	60.00	-120.00	0.00060
70.00	-120.00	0.00048	80.00	-120.00	0.00039
90.00	-120.00	0.00033	100.00	-120.00	0.00028
-100.00	-110.00	0.00118	-90.00	-110.00	0.00138
-80.00	-110.00	0.00164	-70.00	-110.00	0.00195
-60.00	-110.00	0.00233	-50.00	-110.00	0.00279
-40.00	-110.00	0.00330	-30.00	-110.00	0.00387
-25.00	-110.00	0.00419	-20.00	-110.00	0.00458
-17.00	-110.00	0.00489	-15.00	-110.00	0.00514
-13.00	-110.00	0.00547	-11.00	-110.00	0.00590
-9.00	-110.00	0.00652	9.00	-110.00	0.00481
11.00	-110.00	0.00420	13.00	-110.00	0.00373
15.00	-110.00	0.00334	17.00	-110.00	0.00300
20.00	-110.00	0.00259	25.00	-110.00	0.00206
30.00	-110.00	0.00168	40.00	-110.00	0.00118
50.00	-110.00	0.00087	60.00	-110.00	0.00067
70.00	-110.00	0.00054	80.00	-110.00	0.00044
90.00	-110.00	0.00036	100.00	-110.00	0.00031
-100.00	-100.00	0.00110	-90.00	-100.00	0.00129
-80.00	-100.00	0.00152	-70.00	-100.00	0.00181
-60.00	-100.00	0.00217	-50.00	-100.00	0.00262
-40.00	-100.00	0.00313	-30.00	-100.00	0.00374
-25.00	-100.00	0.00410	-20.00	-100.00	0.00458
-17.00	-100.00	0.00497	-15.00	-100.00	0.00531
-13.00	-100.00	0.00574	-11.00	-100.00	0.00630
-9.00	-100.00	0.00705	9.00	-100.00	0.00545
11.00	-100.00	0.00478	13.00	-100.00	0.00425
15.00	-100.00	0.00382	17.00	-100.00	0.00346
20.00	-100.00	0.00299	25.00	-100.00	0.00239
30.00	-100.00	0.00194	40.00	-100.00	0.00135
50.00	-100.00	0.00099	60.00	-100.00	0.00076
70.00	-100.00	0.00060	80.00	-100.00	0.00048
90.00	-100.00	0.00040	100.00	-100.00	0.00034

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:37:33

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00100	-90.00	-90.00	0.00117
-80.00	-90.00	0.00138	-70.00	-90.00	0.00164
-60.00	-90.00	0.00197	-50.00	-90.00	0.00238
-40.00	-90.00	0.00291	-30.00	-90.00	0.00356
-25.00	-90.00	0.00397	-20.00	-90.00	0.00454
-17.00	-90.00	0.00501	-15.00	-90.00	0.00541
-13.00	-90.00	0.00591	-11.00	-90.00	0.00655
-9.00	-90.00	0.00737	9.00	-90.00	0.00588
11.00	-90.00	0.00518	13.00	-90.00	0.00462
15.00	-90.00	0.00416	17.00	-90.00	0.00377
20.00	-90.00	0.00329	25.00	-90.00	0.00266
30.00	-90.00	0.00218	40.00	-90.00	0.00152
50.00	-90.00	0.00111	60.00	-90.00	0.00085
70.00	-90.00	0.00066	80.00	-90.00	0.00054
90.00	-90.00	0.00044	100.00	-90.00	0.00037
-100.00	-80.00	0.00089	-90.00	-80.00	0.00104
-80.00	-80.00	0.00122	-70.00	-80.00	0.00145
-60.00	-80.00	0.00174	-50.00	-80.00	0.00211
-40.00	-80.00	0.00261	-30.00	-80.00	0.00330
-25.00	-80.00	0.00377	-20.00	-80.00	0.00440
-17.00	-80.00	0.00493	-15.00	-80.00	0.00537
-13.00	-80.00	0.00592	-11.00	-80.00	0.00660
-9.00	-80.00	0.00746	9.00	-80.00	0.00615
11.00	-80.00	0.00543	13.00	-80.00	0.00487
15.00	-80.00	0.00440	17.00	-80.00	0.00400
20.00	-80.00	0.00349	25.00	-80.00	0.00285
30.00	-80.00	0.00237	40.00	-80.00	0.00168
50.00	-80.00	0.00123	60.00	-80.00	0.00094
70.00	-80.00	0.00073	80.00	-80.00	0.00059
90.00	-80.00	0.00048	100.00	-80.00	0.00040
-100.00	-70.00	0.00078	-90.00	-70.00	0.00090
-80.00	-70.00	0.00105	-70.00	-70.00	0.00124
-60.00	-70.00	0.00149	-50.00	-70.00	0.00182
-40.00	-70.00	0.00227	-30.00	-70.00	0.00294

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	-70.00	0.00344	-20.00	-70.00	0.00413
-17.00	-70.00	0.00469	-15.00	-70.00	0.00516
-13.00	-70.00	0.00572	-11.00	-70.00	0.00642
-9.00	-70.00	0.00731	9.00	-70.00	0.00627
11.00	-70.00	0.00555	13.00	-70.00	0.00500
15.00	-70.00	0.00454	17.00	-70.00	0.00414

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

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

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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	0.00365	25.00	-70.00	0.00300
30.00	-70.00	0.00251	40.00	-70.00	0.00181
50.00	-70.00	0.00135	60.00	-70.00	0.00102
70.00	-70.00	0.00080	80.00	-70.00	0.00064
90.00	-70.00	0.00052	100.00	-70.00	0.00043
-100.00	-60.00	0.00067	-90.00	-60.00	0.00077
-80.00	-60.00	0.00089	-70.00	-60.00	0.00105
-60.00	-60.00	0.00125	-50.00	-60.00	0.00152
-40.00	-60.00	0.00190	-30.00	-60.00	0.00251
-25.00	-60.00	0.00299	-20.00	-60.00	0.00367
-17.00	-60.00	0.00425	-15.00	-60.00	0.00472
-13.00	-60.00	0.00529	-11.00	-60.00	0.00600
-9.00	-60.00	0.00688	9.00	-60.00	0.00628
11.00	-60.00	0.00559	13.00	-60.00	0.00506
15.00	-60.00	0.00462	17.00	-60.00	0.00424
20.00	-60.00	0.00376	25.00	-60.00	0.00312
30.00	-60.00	0.00263	40.00	-60.00	0.00192
50.00	-60.00	0.00144	60.00	-60.00	0.00110
70.00	-60.00	0.00086	80.00	-60.00	0.00069
90.00	-60.00	0.00056	100.00	-60.00	0.00046
-100.00	-50.00	0.00058	-90.00	-50.00	0.00066
-80.00	-50.00	0.00076	-70.00	-50.00	0.00088
-60.00	-50.00	0.00104	-50.00	-50.00	0.00126
-40.00	-50.00	0.00158	-30.00	-50.00	0.00210
-25.00	-50.00	0.00252	-20.00	-50.00	0.00313
-17.00	-50.00	0.00364	-15.00	-50.00	0.00406
-13.00	-50.00	0.00457	-11.00	-50.00	0.00521
-9.00	-50.00	0.00602	9.00	-50.00	0.00625

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	-50.00	0.00562	13.00	-50.00	0.00509
15.00	-50.00	0.00467	17.00	-50.00	0.00431
20.00	-50.00	0.00383	25.00	-50.00	0.00320
30.00	-50.00	0.00270	40.00	-50.00	0.00199
50.00	-50.00	0.00150	60.00	-50.00	0.00116
70.00	-50.00	0.00091	80.00	-50.00	0.00072
90.00	-50.00	0.00059	100.00	-50.00	0.00049
-100.00	-40.00	0.00051	-90.00	-40.00	0.00057
-80.00	-40.00	0.00066	-70.00	-40.00	0.00076
-60.00	-40.00	0.00089	-50.00	-40.00	0.00108
-40.00	-40.00	0.00137	-30.00	-40.00	0.00185
-25.00	-40.00	0.00224	-20.00	-40.00	0.00280

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00326	-15.00	-40.00	0.00363
-13.00	-40.00	0.00408	-11.00	-40.00	0.00462
-9.00	-40.00	0.00528	9.00	-40.00	0.00586
11.00	-40.00	0.00536	13.00	-40.00	0.00491
15.00	-40.00	0.00452	17.00	-40.00	0.00418
20.00	-40.00	0.00373	25.00	-40.00	0.00313
30.00	-40.00	0.00266	40.00	-40.00	0.00198
50.00	-40.00	0.00152	60.00	-40.00	0.00118
70.00	-40.00	0.00093	80.00	-40.00	0.00075
90.00	-40.00	0.00061	100.00	-40.00	0.00051
-100.00	-30.00	0.00045	-90.00	-30.00	0.00050
-80.00	-30.00	0.00057	-70.00	-30.00	0.00067
-60.00	-30.00	0.00079	-50.00	-30.00	0.00097
-40.00	-30.00	0.00125	-30.00	-30.00	0.00175
-25.00	-30.00	0.00215	-20.00	-30.00	0.00272
-17.00	-30.00	0.00318	-15.00	-30.00	0.00354
-13.00	-30.00	0.00396	-11.00	-30.00	0.00443
-9.00	-30.00	0.00493	9.00	-30.00	0.00486
11.00	-30.00	0.00454	13.00	-30.00	0.00425
15.00	-30.00	0.00398	17.00	-30.00	0.00373
20.00	-30.00	0.00339	25.00	-30.00	0.00291
30.00	-30.00	0.00251	40.00	-30.00	0.00191

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	-30.00	0.00149	60.00	-30.00	0.00117
70.00	-30.00	0.00094	80.00	-30.00	0.00076
90.00	-30.00	0.00062	100.00	-30.00	0.00052
-100.00	-20.00	0.00040	-90.00	-20.00	0.00045
-80.00	-20.00	0.00051	-70.00	-20.00	0.00060
-60.00	-20.00	0.00072	-50.00	-20.00	0.00091
-40.00	-20.00	0.00120	-30.00	-20.00	0.00172
-25.00	-20.00	0.00211	-20.00	-20.00	0.00264
-17.00	-20.00	0.00303	-15.00	-20.00	0.00333
-13.00	-20.00	0.00364	-11.00	-20.00	0.00396
-9.00	-20.00	0.00427	9.00	-20.00	0.00399
11.00	-20.00	0.00377	13.00	-20.00	0.00356
15.00	-20.00	0.00337	17.00	-20.00	0.00319
20.00	-20.00	0.00295	25.00	-20.00	0.00260
30.00	-20.00	0.00229	40.00	-20.00	0.00180
50.00	-20.00	0.00143	60.00	-20.00	0.00115
70.00	-20.00	0.00093	80.00	-20.00	0.00076
90.00	-20.00	0.00063	100.00	-20.00	0.00052

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00036	-90.00	-10.00	0.00041
-80.00	-10.00	0.00047	-70.00	-10.00	0.00056
-60.00	-10.00	0.00069	-50.00	-10.00	0.00088
-40.00	-10.00	0.00118	-30.00	-10.00	0.00167
-25.00	-10.00	0.00202	-20.00	-10.00	0.00247
-17.00	-10.00	0.00278	-15.00	-10.00	0.00299
-13.00	-10.00	0.00321	-11.00	-10.00	0.00341
-9.00	-10.00	0.00359	9.00	-10.00	0.00331
11.00	-10.00	0.00316	13.00	-10.00	0.00300
15.00	-10.00	0.00286	17.00	-10.00	0.00273
20.00	-10.00	0.00254	25.00	-10.00	0.00227
30.00	-10.00	0.00204	40.00	-10.00	0.00165
50.00	-10.00	0.00134	60.00	-10.00	0.00110
70.00	-10.00	0.00091	80.00	-10.00	0.00075
90.00	-10.00	0.00062	100.00	-10.00	0.00052
-100.00	0.00	0.00034	-90.00	0.00	0.00039

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	0.00	0.00045	-70.00	0.00	0.00054
-60.00	0.00	0.00067	-50.00	0.00	0.00085
-40.00	0.00	0.00114	-30.00	0.00	0.00159
-25.00	0.00	0.00189	-20.00	0.00	0.00225
-17.00	0.00	0.00248	-15.00	0.00	0.00263
-13.00	0.00	0.00277	-11.00	0.00	0.00289
-9.00	0.00	0.00300	9.00	0.00	0.00277
11.00	0.00	0.00266	13.00	0.00	0.00255
15.00	0.00	0.00245	17.00	0.00	0.00234
20.00	0.00	0.00220	25.00	0.00	0.00198
30.00	0.00	0.00180	40.00	0.00	0.00149
50.00	0.00	0.00124	60.00	0.00	0.00104
70.00	0.00	0.00087	80.00	0.00	0.00073
90.00	0.00	0.00062	100.00	0.00	0.00052
-100.00	10.00	0.00032	-90.00	10.00	0.00037
-80.00	10.00	0.00044	-70.00	10.00	0.00052
-60.00	10.00	0.00065	-50.00	10.00	0.00083
-40.00	10.00	0.00110	-30.00	10.00	0.00149
-25.00	10.00	0.00174	-20.00	10.00	0.00202
-17.00	10.00	0.00218	-15.00	10.00	0.00228
-13.00	10.00	0.00238	-11.00	10.00	0.00246
-9.00	10.00	0.00252	9.00	10.00	0.00234
11.00	10.00	0.00227	13.00	10.00	0.00219
15.00	10.00	0.00211	17.00	10.00	0.00203

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

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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	10.00	0.00191	25.00	10.00	0.00174
30.00	10.00	0.00159	40.00	10.00	0.00134
50.00	10.00	0.00114	60.00	10.00	0.00097
70.00	10.00	0.00083	80.00	10.00	0.00070
90.00	10.00	0.00060	100.00	10.00	0.00051
-100.00	20.00	0.00031	-90.00	20.00	0.00036
-80.00	20.00	0.00042	-70.00	20.00	0.00051
-60.00	20.00	0.00063	-50.00	20.00	0.00080
-40.00	20.00	0.00105	-30.00	20.00	0.00139
-25.00	20.00	0.00159	-20.00	20.00	0.00179

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	20.00	0.00191	-15.00	20.00	0.00198
-13.00	20.00	0.00205	-11.00	20.00	0.00210
-9.00	20.00	0.00214	9.00	20.00	0.00200
11.00	20.00	0.00194	13.00	20.00	0.00188
15.00	20.00	0.00182	17.00	20.00	0.00176
20.00	20.00	0.00167	25.00	20.00	0.00153
30.00	20.00	0.00141	40.00	20.00	0.00120
50.00	20.00	0.00104	60.00	20.00	0.00090
70.00	20.00	0.00078	80.00	20.00	0.00067
90.00	20.00	0.00058	100.00	20.00	0.00050
-100.00	30.00	0.00030	-90.00	30.00	0.00035
-80.00	30.00	0.00041	-70.00	30.00	0.00049
-60.00	30.00	0.00061	-50.00	30.00	0.00077
-40.00	30.00	0.00099	-30.00	30.00	0.00128
-25.00	30.00	0.00144	-20.00	30.00	0.00159
-17.00	30.00	0.00168	-15.00	30.00	0.00173
-13.00	30.00	0.00177	-11.00	30.00	0.00181
-9.00	30.00	0.00183	9.00	30.00	0.00172
11.00	30.00	0.00168	13.00	30.00	0.00164
15.00	30.00	0.00159	17.00	30.00	0.00154
20.00	30.00	0.00147	25.00	30.00	0.00136
30.00	30.00	0.00126	40.00	30.00	0.00108
50.00	30.00	0.00094	60.00	30.00	0.00083
70.00	30.00	0.00073	80.00	30.00	0.00064
90.00	30.00	0.00056	100.00	30.00	0.00049
-100.00	40.00	0.00029	-90.00	40.00	0.00034
-80.00	40.00	0.00040	-70.00	40.00	0.00048
-60.00	40.00	0.00059	-50.00	40.00	0.00073
-40.00	40.00	0.00093	-30.00	40.00	0.00117
-25.00	40.00	0.00130	-20.00	40.00	0.00142

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00148	-15.00	40.00	0.00151
-13.00	40.00	0.00154	-11.00	40.00	0.00157
-9.00	40.00	0.00159	9.00	40.00	0.00149
11.00	40.00	0.00146	13.00	40.00	0.00143

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	40.00	0.00140	17.00	40.00	0.00136
20.00	40.00	0.00131	25.00	40.00	0.00121
30.00	40.00	0.00113	40.00	40.00	0.00098
50.00	40.00	0.00086	60.00	40.00	0.00076
70.00	40.00	0.00067	80.00	40.00	0.00060
90.00	40.00	0.00053	100.00	40.00	0.00047
-100.00	50.00	0.00028	-90.00	50.00	0.00033
-80.00	50.00	0.00039	-70.00	50.00	0.00046
-60.00	50.00	0.00057	-50.00	50.00	0.00070
-40.00	50.00	0.00087	-30.00	50.00	0.00107
-25.00	50.00	0.00117	-20.00	50.00	0.00126
-17.00	50.00	0.00131	-15.00	50.00	0.00133
-13.00	50.00	0.00135	-11.00	50.00	0.00137
-9.00	50.00	0.00138	9.00	50.00	0.00131
11.00	50.00	0.00129	13.00	50.00	0.00126
15.00	50.00	0.00123	17.00	50.00	0.00121
20.00	50.00	0.00116	25.00	50.00	0.00109
30.00	50.00	0.00102	40.00	50.00	0.00089
50.00	50.00	0.00078	60.00	50.00	0.00070
70.00	50.00	0.00062	80.00	50.00	0.00056
90.00	50.00	0.00050	100.00	50.00	0.00045
-100.00	60.00	0.00028	-90.00	60.00	0.00032
-80.00	60.00	0.00038	-70.00	60.00	0.00045
-60.00	60.00	0.00054	-50.00	60.00	0.00067
-40.00	60.00	0.00082	-30.00	60.00	0.00098
-25.00	60.00	0.00106	-20.00	60.00	0.00113
-17.00	60.00	0.00116	-15.00	60.00	0.00118
-13.00	60.00	0.00120	-11.00	60.00	0.00121
-9.00	60.00	0.00122	9.00	60.00	0.00116
11.00	60.00	0.00114	13.00	60.00	0.00112
15.00	60.00	0.00110	17.00	60.00	0.00107
20.00	60.00	0.00104	25.00	60.00	0.00098
30.00	60.00	0.00092	40.00	60.00	0.00081
50.00	60.00	0.00072	60.00	60.00	0.00064
70.00	60.00	0.00058	80.00	60.00	0.00052
90.00	60.00	0.00047	100.00	60.00	0.00043

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00027	-90.00	70.00	0.00031
-80.00	70.00	0.00036	-70.00	70.00	0.00043
-60.00	70.00	0.00052	-50.00	70.00	0.00063
-40.00	70.00	0.00076	-30.00	70.00	0.00090
-25.00	70.00	0.00096	-20.00	70.00	0.00101
-17.00	70.00	0.00104	-15.00	70.00	0.00105
-13.00	70.00	0.00106	-11.00	70.00	0.00107
-9.00	70.00	0.00108	9.00	70.00	0.00103
11.00	70.00	0.00101	13.00	70.00	0.00100
15.00	70.00	0.00098	17.00	70.00	0.00096
20.00	70.00	0.00093	25.00	70.00	0.00089
30.00	70.00	0.00084	40.00	70.00	0.00074
50.00	70.00	0.00066	60.00	70.00	0.00059
70.00	70.00	0.00053	80.00	70.00	0.00049
90.00	70.00	0.00044	100.00	70.00	0.00040
-100.00	80.00	0.00026	-90.00	80.00	0.00030
-80.00	80.00	0.00035	-70.00	80.00	0.00042
-60.00	80.00	0.00050	-50.00	80.00	0.00060
-40.00	80.00	0.00071	-30.00	80.00	0.00082
-25.00	80.00	0.00087	-20.00	80.00	0.00091
-17.00	80.00	0.00093	-15.00	80.00	0.00094
-13.00	80.00	0.00095	-11.00	80.00	0.00096
-9.00	80.00	0.00096	9.00	80.00	0.00092
11.00	80.00	0.00091	13.00	80.00	0.00090
15.00	80.00	0.00088	17.00	80.00	0.00087
20.00	80.00	0.00084	25.00	80.00	0.00080
30.00	80.00	0.00076	40.00	80.00	0.00068
50.00	80.00	0.00061	60.00	80.00	0.00055
70.00	80.00	0.00050	80.00	80.00	0.00045
90.00	80.00	0.00042	100.00	80.00	0.00038
-100.00	90.00	0.00026	-90.00	90.00	0.00029
-80.00	90.00	0.00034	-70.00	90.00	0.00040
-60.00	90.00	0.00048	-50.00	90.00	0.00056
-40.00	90.00	0.00066	-30.00	90.00	0.00075
-25.00	90.00	0.00079	-20.00	90.00	0.00083
-17.00	90.00	0.00084	-15.00	90.00	0.00085
-13.00	90.00	0.00086	-11.00	90.00	0.00086
-9.00	90.00	0.00086	9.00	90.00	0.00083
11.00	90.00	0.00082	13.00	90.00	0.00081
15.00	90.00	0.00080	17.00	90.00	0.00078

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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	0.00077	25.00	90.00	0.00073
30.00	90.00	0.00070	40.00	90.00	0.00063
50.00	90.00	0.00056	60.00	90.00	0.00051
70.00	90.00	0.00046	80.00	90.00	0.00042
90.00	90.00	0.00039	100.00	90.00	0.00036
-100.00	100.00	0.00025	-90.00	100.00	0.00028
-80.00	100.00	0.00033	-70.00	100.00	0.00039
-60.00	100.00	0.00046	-50.00	100.00	0.00053
-40.00	100.00	0.00062	-30.00	100.00	0.00069
-25.00	100.00	0.00073	-20.00	100.00	0.00075
-17.00	100.00	0.00076	-15.00	100.00	0.00077
-13.00	100.00	0.00078	-11.00	100.00	0.00078
-9.00	100.00	0.00078	9.00	100.00	0.00075
11.00	100.00	0.00074	13.00	100.00	0.00073
15.00	100.00	0.00072	17.00	100.00	0.00071
20.00	100.00	0.00070	25.00	100.00	0.00067
30.00	100.00	0.00064	40.00	100.00	0.00058
50.00	100.00	0.00052	60.00	100.00	0.00048
70.00	100.00	0.00043	80.00	100.00	0.00040
90.00	100.00	0.00037	100.00	100.00	0.00034
-100.00	110.00	0.00024	-90.00	110.00	0.00028
-80.00	110.00	0.00032	-70.00	110.00	0.00037
-60.00	110.00	0.00043	-50.00	110.00	0.00050
-40.00	110.00	0.00058	-30.00	110.00	0.00064
-25.00	110.00	0.00067	-20.00	110.00	0.00069
-17.00	110.00	0.00070	-15.00	110.00	0.00070
-13.00	110.00	0.00070	-11.00	110.00	0.00071
-9.00	110.00	0.00071	9.00	110.00	0.00068
11.00	110.00	0.00068	13.00	110.00	0.00067
15.00	110.00	0.00066	17.00	110.00	0.00065
20.00	110.00	0.00064	25.00	110.00	0.00061
30.00	110.00	0.00059	40.00	110.00	0.00054
50.00	110.00	0.00049	60.00	110.00	0.00044
70.00	110.00	0.00041	80.00	110.00	0.00037
90.00	110.00	0.00035	100.00	110.00	0.00032
-100.00	120.00	0.00023	-90.00	120.00	0.00027

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	120.00	0.00031	-70.00	120.00	0.00036
-60.00	120.00	0.00041	-50.00	120.00	0.00048
-40.00	120.00	0.00054	-30.00	120.00	0.00059
-25.00	120.00	0.00061	-20.00	120.00	0.00063

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

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00064	-15.00	120.00	0.00064
-13.00	120.00	0.00064	-11.00	120.00	0.00065
-9.00	120.00	0.00065	9.00	120.00	0.00062
11.00	120.00	0.00062	13.00	120.00	0.00061
15.00	120.00	0.00060	17.00	120.00	0.00060
20.00	120.00	0.00059	25.00	120.00	0.00057
30.00	120.00	0.00054	40.00	120.00	0.00050
50.00	120.00	0.00046	60.00	120.00	0.00042
70.00	120.00	0.00038	80.00	120.00	0.00035
90.00	120.00	0.00033	100.00	120.00	0.00030
-100.00	130.00	0.00023	-90.00	130.00	0.00026
-80.00	130.00	0.00030	-70.00	130.00	0.00034
-60.00	130.00	0.00040	-50.00	130.00	0.00045
-40.00	130.00	0.00050	-30.00	130.00	0.00055
-25.00	130.00	0.00056	-20.00	130.00	0.00058
-17.00	130.00	0.00058	-15.00	130.00	0.00059
-13.00	130.00	0.00059	-11.00	130.00	0.00059
-9.00	130.00	0.00059	9.00	130.00	0.00057
11.00	130.00	0.00057	13.00	130.00	0.00056
15.00	130.00	0.00056	17.00	130.00	0.00055
20.00	130.00	0.00054	25.00	130.00	0.00052
30.00	130.00	0.00050	40.00	130.00	0.00047
50.00	130.00	0.00043	60.00	130.00	0.00039
70.00	130.00	0.00036	80.00	130.00	0.00033
90.00	130.00	0.00031	100.00	130.00	0.00029
-100.00	140.00	0.00022	-90.00	140.00	0.00025
-80.00	140.00	0.00029	-70.00	140.00	0.00033
-60.00	140.00	0.00038	-50.00	140.00	0.00042
-40.00	140.00	0.00047	-30.00	140.00	0.00051
-25.00	140.00	0.00052	-20.00	140.00	0.00053

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	140.00	0.00054	-15.00	140.00	0.00054
-13.00	140.00	0.00054	-11.00	140.00	0.00054
-9.00	140.00	0.00054	9.00	140.00	0.00053
11.00	140.00	0.00052	13.00	140.00	0.00052
15.00	140.00	0.00051	17.00	140.00	0.00051
20.00	140.00	0.00050	25.00	140.00	0.00048
30.00	140.00	0.00047	40.00	140.00	0.00043
50.00	140.00	0.00040	60.00	140.00	0.00037
70.00	140.00	0.00034	80.00	140.00	0.00031
90.00	140.00	0.00029	100.00	140.00	0.00027

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00022	-90.00	150.00	0.00025
-80.00	150.00	0.00028	-70.00	150.00	0.00032
-60.00	150.00	0.00036	-50.00	150.00	0.00040
-40.00	150.00	0.00044	-30.00	150.00	0.00047
-25.00	150.00	0.00048	-20.00	150.00	0.00049
-17.00	150.00	0.00050	-15.00	150.00	0.00050
-13.00	150.00	0.00050	-11.00	150.00	0.00050
-9.00	150.00	0.00050	9.00	150.00	0.00049
11.00	150.00	0.00048	13.00	150.00	0.00048
15.00	150.00	0.00047	17.00	150.00	0.00047
20.00	150.00	0.00046	25.00	150.00	0.00045
30.00	150.00	0.00044	40.00	150.00	0.00041
50.00	150.00	0.00038	60.00	150.00	0.00035
70.00	150.00	0.00032	80.00	150.00	0.00030
90.00	150.00	0.00028	100.00	150.00	0.00026
-100.00	160.00	0.00021	-90.00	160.00	0.00024
-80.00	160.00	0.00027	-70.00	160.00	0.00030
-60.00	160.00	0.00034	-50.00	160.00	0.00038
-40.00	160.00	0.00041	-30.00	160.00	0.00044
-25.00	160.00	0.00045	-20.00	160.00	0.00046
-17.00	160.00	0.00046	-15.00	160.00	0.00046
-13.00	160.00	0.00046	-11.00	160.00	0.00046
-9.00	160.00	0.00047	9.00	160.00	0.00045
11.00	160.00	0.00045	13.00	160.00	0.00044

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	160.00	0.00044	17.00	160.00	0.00044
20.00	160.00	0.00043	25.00	160.00	0.00042
30.00	160.00	0.00041	40.00	160.00	0.00038
50.00	160.00	0.00035	60.00	160.00	0.00033
70.00	160.00	0.00030	80.00	160.00	0.00028
90.00	160.00	0.00026	100.00	160.00	0.00025
-100.00	170.00	0.00021	-90.00	170.00	0.00023
-80.00	170.00	0.00026	-70.00	170.00	0.00029
-60.00	170.00	0.00033	-50.00	170.00	0.00036
-40.00	170.00	0.00039	-30.00	170.00	0.00041
-25.00	170.00	0.00042	-20.00	170.00	0.00043
-17.00	170.00	0.00043	-15.00	170.00	0.00043
-13.00	170.00	0.00043	-11.00	170.00	0.00043
-9.00	170.00	0.00043	9.00	170.00	0.00042
11.00	170.00	0.00042	13.00	170.00	0.00041
15.00	170.00	0.00041	17.00	170.00	0.00041

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00040	25.00	170.00	0.00039
30.00	170.00	0.00038	40.00	170.00	0.00036
50.00	170.00	0.00033	60.00	170.00	0.00031
70.00	170.00	0.00029	80.00	170.00	0.00027
90.00	170.00	0.00025	100.00	170.00	0.00023
-100.00	180.00	0.00020	-90.00	180.00	0.00022
-80.00	180.00	0.00025	-70.00	180.00	0.00028
-60.00	180.00	0.00031	-50.00	180.00	0.00034
-40.00	180.00	0.00037	-30.00	180.00	0.00039
-25.00	180.00	0.00039	-20.00	180.00	0.00040
-17.00	180.00	0.00040	-15.00	180.00	0.00040
-13.00	180.00	0.00040	-11.00	180.00	0.00040
-9.00	180.00	0.00040	9.00	180.00	0.00039
11.00	180.00	0.00039	13.00	180.00	0.00039
15.00	180.00	0.00038	17.00	180.00	0.00038
20.00	180.00	0.00038	25.00	180.00	0.00037
30.00	180.00	0.00036	40.00	180.00	0.00034
50.00	180.00	0.00031	60.00	180.00	0.00029

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	180.00	0.00027	80.00	180.00	0.00025
90.00	180.00	0.00024	100.00	180.00	0.00022
-100.00	190.00	0.00019	-90.00	190.00	0.00022
-80.00	190.00	0.00024	-70.00	190.00	0.00027
-60.00	190.00	0.00030	-50.00	190.00	0.00032
-40.00	190.00	0.00034	-30.00	190.00	0.00036
-25.00	190.00	0.00037	-20.00	190.00	0.00037
-17.00	190.00	0.00037	-15.00	190.00	0.00037
-13.00	190.00	0.00038	-11.00	190.00	0.00038
-9.00	190.00	0.00038	9.00	190.00	0.00037
11.00	190.00	0.00036	13.00	190.00	0.00036
15.00	190.00	0.00036	17.00	190.00	0.00036
20.00	190.00	0.00035	25.00	190.00	0.00034
30.00	190.00	0.00034	40.00	190.00	0.00032
50.00	190.00	0.00030	60.00	190.00	0.00028
70.00	190.00	0.00026	80.00	190.00	0.00024
90.00	190.00	0.00023	100.00	190.00	0.00021
-100.00	200.00	0.00019	-90.00	200.00	0.00021
-80.00	200.00	0.00023	-70.00	200.00	0.00026
-60.00	200.00	0.00028	-50.00	200.00	0.00031
-40.00	200.00	0.00033	-30.00	200.00	0.00034
-25.00	200.00	0.00035	-20.00	200.00	0.00035

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00035	-15.00	200.00	0.00035
-13.00	200.00	0.00035	-11.00	200.00	0.00035
-9.00	200.00	0.00035	9.00	200.00	0.00034
11.00	200.00	0.00034	13.00	200.00	0.00034
15.00	200.00	0.00034	17.00	200.00	0.00033
20.00	200.00	0.00033	25.00	200.00	0.00032
30.00	200.00	0.00032	40.00	200.00	0.00030
50.00	200.00	0.00028	60.00	200.00	0.00026
70.00	200.00	0.00025	80.00	200.00	0.00023
90.00	200.00	0.00022	100.00	200.00	0.00020
-100.00	210.00	0.00018	-90.00	210.00	0.00020
-80.00	210.00	0.00023	-70.00	210.00	0.00025

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	210.00	0.00027	-50.00	210.00	0.00029
-40.00	210.00	0.00031	-30.00	210.00	0.00032
-25.00	210.00	0.00032	-20.00	210.00	0.00033
-17.00	210.00	0.00033	-15.00	210.00	0.00033
-13.00	210.00	0.00033	-11.00	210.00	0.00033
-9.00	210.00	0.00033	9.00	210.00	0.00032
11.00	210.00	0.00032	13.00	210.00	0.00032
15.00	210.00	0.00032	17.00	210.00	0.00031
20.00	210.00	0.00031	25.00	210.00	0.00030
30.00	210.00	0.00030	40.00	210.00	0.00028
50.00	210.00	0.00027	60.00	210.00	0.00025
70.00	210.00	0.00024	80.00	210.00	0.00022
90.00	210.00	0.00021	100.00	210.00	0.00020
-100.00	220.00	0.00018	-90.00	220.00	0.00020
-80.00	220.00	0.00022	-70.00	220.00	0.00024
-60.00	220.00	0.00026	-50.00	220.00	0.00028
-40.00	220.00	0.00029	-30.00	220.00	0.00030
-25.00	220.00	0.00031	-20.00	220.00	0.00031
-17.00	220.00	0.00031	-15.00	220.00	0.00031
-13.00	220.00	0.00031	-11.00	220.00	0.00031
-9.00	220.00	0.00031	9.00	220.00	0.00030
11.00	220.00	0.00030	13.00	220.00	0.00030
15.00	220.00	0.00030	17.00	220.00	0.00030
20.00	220.00	0.00029	25.00	220.00	0.00029
30.00	220.00	0.00028	40.00	220.00	0.00027
50.00	220.00	0.00025	60.00	220.00	0.00024
70.00	220.00	0.00022	80.00	220.00	0.00021
90.00	220.00	0.00020	100.00	220.00	0.00019

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

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00017	-90.00	230.00	0.00019
-80.00	230.00	0.00021	-70.00	230.00	0.00023
-60.00	230.00	0.00025	-50.00	230.00	0.00026
-40.00	230.00	0.00028	-30.00	230.00	0.00029
-25.00	230.00	0.00029	-20.00	230.00	0.00029
-17.00	230.00	0.00029	-15.00	230.00	0.00029

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	230.00	0.00029	-11.00	230.00	0.00029
-9.00	230.00	0.00029	9.00	230.00	0.00029
11.00	230.00	0.00028	13.00	230.00	0.00028
15.00	230.00	0.00028	17.00	230.00	0.00028
20.00	230.00	0.00028	25.00	230.00	0.00027
30.00	230.00	0.00027	40.00	230.00	0.00025
50.00	230.00	0.00024	60.00	230.00	0.00023
70.00	230.00	0.00021	80.00	230.00	0.00020
90.00	230.00	0.00019	100.00	230.00	0.00018
-100.00	240.00	0.00017	-90.00	240.00	0.00019
-80.00	240.00	0.00020	-70.00	240.00	0.00022
-60.00	240.00	0.00024	-50.00	240.00	0.00025
-40.00	240.00	0.00026	-30.00	240.00	0.00027
-25.00	240.00	0.00027	-20.00	240.00	0.00028
-17.00	240.00	0.00028	-15.00	240.00	0.00028
-13.00	240.00	0.00028	-11.00	240.00	0.00028
-9.00	240.00	0.00028	9.00	240.00	0.00027
11.00	240.00	0.00027	13.00	240.00	0.00027
15.00	240.00	0.00027	17.00	240.00	0.00026
20.00	240.00	0.00026	25.00	240.00	0.00026
30.00	240.00	0.00025	40.00	240.00	0.00024
50.00	240.00	0.00023	60.00	240.00	0.00022
70.00	240.00	0.00021	80.00	240.00	0.00019
90.00	240.00	0.00018	100.00	240.00	0.00017
-100.00	250.00	0.00016	-90.00	250.00	0.00018
-80.00	250.00	0.00020	-70.00	250.00	0.00021
-60.00	250.00	0.00023	-50.00	250.00	0.00024
-40.00	250.00	0.00025	-30.00	250.00	0.00026
-25.00	250.00	0.00026	-20.00	250.00	0.00026
-17.00	250.00	0.00026	-15.00	250.00	0.00026
-13.00	250.00	0.00026	-11.00	250.00	0.00026
-9.00	250.00	0.00026	9.00	250.00	0.00026
11.00	250.00	0.00025	13.00	250.00	0.00025
15.00	250.00	0.00025	17.00	250.00	0.00025

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

04/20/08

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	250.00	0.00025	25.00	250.00	0.00024
30.00	250.00	0.00024	40.00	250.00	0.00023
50.00	250.00	0.00022	60.00	250.00	0.00021
70.00	250.00	0.00020	80.00	250.00	0.00019
90.00	250.00	0.00018	100.00	250.00	0.00017

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

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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	-250.00	0.00125	-90.00	-250.00	0.00142
-80.00	-250.00	0.00161	-70.00	-250.00	0.00182
-60.00	-250.00	0.00205	-50.00	-250.00	0.00230
-40.00	-250.00	0.00255	-30.00	-250.00	0.00276
-25.00	-250.00	0.00284	-20.00	-250.00	0.00289
-17.00	-250.00	0.00292	-15.00	-250.00	0.00293
-13.00	-250.00	0.00294	-11.00	-250.00	0.00293
-9.00	-250.00	0.00290	9.00	-250.00	0.00185
11.00	-250.00	0.00173	13.00	-250.00	0.00162
15.00	-250.00	0.00152	17.00	-250.00	0.00142
20.00	-250.00	0.00129	25.00	-250.00	0.00111
30.00	-250.00	0.00096	40.00	-250.00	0.00073
50.00	-250.00	0.00057	60.00	-250.00	0.00045
70.00	-250.00	0.00036	80.00	-250.00	0.00030
90.00	-250.00	0.00025	100.00	-250.00	0.00021
-100.00	-240.00	0.00129	-90.00	-240.00	0.00148
-80.00	-240.00	0.00171	-70.00	-240.00	0.00196
-60.00	-240.00	0.00224	-50.00	-240.00	0.00256
-40.00	-240.00	0.00290	-30.00	-240.00	0.00324
-25.00	-240.00	0.00339	-20.00	-240.00	0.00352
-17.00	-240.00	0.00357	-15.00	-240.00	0.00360
-13.00	-240.00	0.00362	-11.00	-240.00	0.00363
-9.00	-240.00	0.00362	9.00	-240.00	0.00214
11.00	-240.00	0.00197	13.00	-240.00	0.00181
15.00	-240.00	0.00168	17.00	-240.00	0.00155
20.00	-240.00	0.00140	25.00	-240.00	0.00118
30.00	-240.00	0.00101	40.00	-240.00	0.00076
50.00	-240.00	0.00059	60.00	-240.00	0.00046
70.00	-240.00	0.00038	80.00	-240.00	0.00031

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-240.00	0.00026	100.00	-240.00	0.00022
-100.00	-230.00	0.00130	-90.00	-230.00	0.00151
-80.00	-230.00	0.00176	-70.00	-230.00	0.00205
-60.00	-230.00	0.00238	-50.00	-230.00	0.00277
-40.00	-230.00	0.00321	-30.00	-230.00	0.00368
-25.00	-230.00	0.00392	-20.00	-230.00	0.00416
-17.00	-230.00	0.00431	-15.00	-230.00	0.00441
-13.00	-230.00	0.00450	-11.00	-230.00	0.00461
-9.00	-230.00	0.00471	9.00	-230.00	0.00239
11.00	-230.00	0.00216	13.00	-230.00	0.00196
15.00	-230.00	0.00180	17.00	-230.00	0.00167

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

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 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00149	25.00	-230.00	0.00125
30.00	-230.00	0.00107	40.00	-230.00	0.00080
50.00	-230.00	0.00062	60.00	-230.00	0.00049
70.00	-230.00	0.00040	80.00	-230.00	0.00033
90.00	-230.00	0.00028	100.00	-230.00	0.00024
-100.00	-220.00	0.00128	-90.00	-220.00	0.00150
-80.00	-220.00	0.00176	-70.00	-220.00	0.00207
-60.00	-220.00	0.00244	-50.00	-220.00	0.00287
-40.00	-220.00	0.00336	-30.00	-220.00	0.00391
-25.00	-220.00	0.00421	-20.00	-220.00	0.00454
-17.00	-220.00	0.00476	-15.00	-220.00	0.00491
-13.00	-220.00	0.00508	-11.00	-220.00	0.00530
-9.00	-220.00	0.00556	9.00	-220.00	0.00288
11.00	-220.00	0.00255	13.00	-220.00	0.00230
15.00	-220.00	0.00209	17.00	-220.00	0.00192
20.00	-220.00	0.00171	25.00	-220.00	0.00142
30.00	-220.00	0.00120	40.00	-220.00	0.00089
50.00	-220.00	0.00068	60.00	-220.00	0.00053
70.00	-220.00	0.00043	80.00	-220.00	0.00036
90.00	-220.00	0.00030	100.00	-220.00	0.00025
-100.00	-210.00	0.00124	-90.00	-210.00	0.00145
-80.00	-210.00	0.00172	-70.00	-210.00	0.00204
-60.00	-210.00	0.00243	-50.00	-210.00	0.00288

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-210.00	0.00338	-30.00	-210.00	0.00395
-25.00	-210.00	0.00426	-20.00	-210.00	0.00459
-17.00	-210.00	0.00483	-15.00	-210.00	0.00501
-13.00	-210.00	0.00523	-11.00	-210.00	0.00551
-9.00	-210.00	0.00593	9.00	-210.00	0.00393
11.00	-210.00	0.00342	13.00	-210.00	0.00302
15.00	-210.00	0.00271	17.00	-210.00	0.00244
20.00	-210.00	0.00212	25.00	-210.00	0.00171
30.00	-210.00	0.00142	40.00	-210.00	0.00102
50.00	-210.00	0.00077	60.00	-210.00	0.00060
70.00	-210.00	0.00048	80.00	-210.00	0.00039
90.00	-210.00	0.00033	100.00	-210.00	0.00028
-100.00	-200.00	0.00118	-90.00	-200.00	0.00138
-80.00	-200.00	0.00164	-70.00	-200.00	0.00195
-60.00	-200.00	0.00233	-50.00	-200.00	0.00279
-40.00	-200.00	0.00330	-30.00	-200.00	0.00387
-25.00	-200.00	0.00419	-20.00	-200.00	0.00458

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

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

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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	0.00489	-15.00	-200.00	0.00514
-13.00	-200.00	0.00547	-11.00	-200.00	0.00590
-9.00	-200.00	0.00652	9.00	-200.00	0.00481
11.00	-200.00	0.00420	13.00	-200.00	0.00373
15.00	-200.00	0.00334	17.00	-200.00	0.00300
20.00	-200.00	0.00259	25.00	-200.00	0.00206
30.00	-200.00	0.00168	40.00	-200.00	0.00118
50.00	-200.00	0.00087	60.00	-200.00	0.00067
70.00	-200.00	0.00054	80.00	-200.00	0.00044
90.00	-200.00	0.00036	100.00	-200.00	0.00031
-100.00	-190.00	0.00110	-90.00	-190.00	0.00129
-80.00	-190.00	0.00152	-70.00	-190.00	0.00181
-60.00	-190.00	0.00217	-50.00	-190.00	0.00262
-40.00	-190.00	0.00313	-30.00	-190.00	0.00374
-25.00	-190.00	0.00410	-20.00	-190.00	0.00458
-17.00	-190.00	0.00497	-15.00	-190.00	0.00531
-13.00	-190.00	0.00574	-11.00	-190.00	0.00630

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-190.00	0.00705	9.00	-190.00	0.00545
11.00	-190.00	0.00478	13.00	-190.00	0.00425
15.00	-190.00	0.00382	17.00	-190.00	0.00346
20.00	-190.00	0.00299	25.00	-190.00	0.00239
30.00	-190.00	0.00194	40.00	-190.00	0.00135
50.00	-190.00	0.00099	60.00	-190.00	0.00076
70.00	-190.00	0.00060	80.00	-190.00	0.00048
90.00	-190.00	0.00040	100.00	-190.00	0.00034
-100.00	-180.00	0.00100	-90.00	-180.00	0.00117
-80.00	-180.00	0.00138	-70.00	-180.00	0.00164
-60.00	-180.00	0.00197	-50.00	-180.00	0.00238
-40.00	-180.00	0.00291	-30.00	-180.00	0.00356
-25.00	-180.00	0.00397	-20.00	-180.00	0.00454
-17.00	-180.00	0.00501	-15.00	-180.00	0.00541
-13.00	-180.00	0.00591	-11.00	-180.00	0.00655
-9.00	-180.00	0.00737	9.00	-180.00	0.00588
11.00	-180.00	0.00518	13.00	-180.00	0.00462
15.00	-180.00	0.00416	17.00	-180.00	0.00377
20.00	-180.00	0.00329	25.00	-180.00	0.00266
30.00	-180.00	0.00218	40.00	-180.00	0.00152
50.00	-180.00	0.00111	60.00	-180.00	0.00085
70.00	-180.00	0.00066	80.00	-180.00	0.00054
90.00	-180.00	0.00044	100.00	-180.00	0.00037

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

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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	-170.00	0.00089	-90.00	-170.00	0.00104
-80.00	-170.00	0.00122	-70.00	-170.00	0.00145
-60.00	-170.00	0.00174	-50.00	-170.00	0.00211
-40.00	-170.00	0.00261	-30.00	-170.00	0.00330
-25.00	-170.00	0.00377	-20.00	-170.00	0.00440
-17.00	-170.00	0.00493	-15.00	-170.00	0.00537
-13.00	-170.00	0.00592	-11.00	-170.00	0.00660
-9.00	-170.00	0.00746	9.00	-170.00	0.00615
11.00	-170.00	0.00543	13.00	-170.00	0.00487
15.00	-170.00	0.00440	17.00	-170.00	0.00400
20.00	-170.00	0.00349	25.00	-170.00	0.00285

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-170.00	0.00237	40.00	-170.00	0.00168
50.00	-170.00	0.00123	60.00	-170.00	0.00094
70.00	-170.00	0.00073	80.00	-170.00	0.00059
90.00	-170.00	0.00048	100.00	-170.00	0.00040
-100.00	-160.00	0.00078	-90.00	-160.00	0.00090
-80.00	-160.00	0.00105	-70.00	-160.00	0.00124
-60.00	-160.00	0.00149	-50.00	-160.00	0.00182
-40.00	-160.00	0.00227	-30.00	-160.00	0.00294
-25.00	-160.00	0.00344	-20.00	-160.00	0.00413
-17.00	-160.00	0.00469	-15.00	-160.00	0.00516
-13.00	-160.00	0.00572	-11.00	-160.00	0.00642
-9.00	-160.00	0.00731	9.00	-160.00	0.00627
11.00	-160.00	0.00555	13.00	-160.00	0.00500
15.00	-160.00	0.00454	17.00	-160.00	0.00414
20.00	-160.00	0.00365	25.00	-160.00	0.00300
30.00	-160.00	0.00251	40.00	-160.00	0.00181
50.00	-160.00	0.00135	60.00	-160.00	0.00102
70.00	-160.00	0.00080	80.00	-160.00	0.00064
90.00	-160.00	0.00052	100.00	-160.00	0.00043
-100.00	-150.00	0.00067	-90.00	-150.00	0.00077
-80.00	-150.00	0.00089	-70.00	-150.00	0.00105
-60.00	-150.00	0.00125	-50.00	-150.00	0.00152
-40.00	-150.00	0.00190	-30.00	-150.00	0.00251
-25.00	-150.00	0.00299	-20.00	-150.00	0.00367
-17.00	-150.00	0.00425	-15.00	-150.00	0.00472
-13.00	-150.00	0.00529	-11.00	-150.00	0.00600
-9.00	-150.00	0.00688	9.00	-150.00	0.00628
11.00	-150.00	0.00559	13.00	-150.00	0.00506
15.00	-150.00	0.00462	17.00	-150.00	0.00424

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

16:37:33  
 \*\*MODELOPTS:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00376	25.00	-150.00	0.00312
30.00	-150.00	0.00263	40.00	-150.00	0.00192
50.00	-150.00	0.00144	60.00	-150.00	0.00110
70.00	-150.00	0.00086	80.00	-150.00	0.00069
90.00	-150.00	0.00056	100.00	-150.00	0.00046

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-140.00	0.00058	-90.00	-140.00	0.00066
-80.00	-140.00	0.00076	-70.00	-140.00	0.00088
-60.00	-140.00	0.00104	-50.00	-140.00	0.00126
-40.00	-140.00	0.00158	-30.00	-140.00	0.00210
-25.00	-140.00	0.00252	-20.00	-140.00	0.00313
-17.00	-140.00	0.00364	-15.00	-140.00	0.00406
-13.00	-140.00	0.00457	-11.00	-140.00	0.00521
-9.00	-140.00	0.00602	9.00	-140.00	0.00625
11.00	-140.00	0.00562	13.00	-140.00	0.00509
15.00	-140.00	0.00467	17.00	-140.00	0.00431
20.00	-140.00	0.00383	25.00	-140.00	0.00320
30.00	-140.00	0.00270	40.00	-140.00	0.00199
50.00	-140.00	0.00150	60.00	-140.00	0.00116
70.00	-140.00	0.00091	80.00	-140.00	0.00072
90.00	-140.00	0.00059	100.00	-140.00	0.00049
-100.00	-130.00	0.00051	-90.00	-130.00	0.00057
-80.00	-130.00	0.00066	-70.00	-130.00	0.00076
-60.00	-130.00	0.00089	-50.00	-130.00	0.00108
-40.00	-130.00	0.00137	-30.00	-130.00	0.00185
-25.00	-130.00	0.00224	-20.00	-130.00	0.00280
-17.00	-130.00	0.00326	-15.00	-130.00	0.00363
-13.00	-130.00	0.00408	-11.00	-130.00	0.00462
-9.00	-130.00	0.00528	9.00	-130.00	0.00586
11.00	-130.00	0.00536	13.00	-130.00	0.00491
15.00	-130.00	0.00452	17.00	-130.00	0.00418
20.00	-130.00	0.00373	25.00	-130.00	0.00313
30.00	-130.00	0.00266	40.00	-130.00	0.00198
50.00	-130.00	0.00152	60.00	-130.00	0.00118
70.00	-130.00	0.00093	80.00	-130.00	0.00075
90.00	-130.00	0.00061	100.00	-130.00	0.00051
-100.00	-120.00	0.00045	-90.00	-120.00	0.00050
-80.00	-120.00	0.00057	-70.00	-120.00	0.00067
-60.00	-120.00	0.00079	-50.00	-120.00	0.00097
-40.00	-120.00	0.00125	-30.00	-120.00	0.00175
-25.00	-120.00	0.00215	-20.00	-120.00	0.00272

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

16:37:33  
 \*\*MODELOPTs:  
 PAGE 108  
 CONC

URBAN FLAT FLGPOL DFAULT

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

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00318	-15.00	-120.00	0.00354
-13.00	-120.00	0.00396	-11.00	-120.00	0.00443
-9.00	-120.00	0.00493	9.00	-120.00	0.00486
11.00	-120.00	0.00454	13.00	-120.00	0.00425
15.00	-120.00	0.00398	17.00	-120.00	0.00373
20.00	-120.00	0.00339	25.00	-120.00	0.00291
30.00	-120.00	0.00251	40.00	-120.00	0.00191
50.00	-120.00	0.00149	60.00	-120.00	0.00117
70.00	-120.00	0.00094	80.00	-120.00	0.00076
90.00	-120.00	0.00062	100.00	-120.00	0.00052
-100.00	-110.00	0.00040	-90.00	-110.00	0.00045
-80.00	-110.00	0.00051	-70.00	-110.00	0.00060
-60.00	-110.00	0.00072	-50.00	-110.00	0.00091
-40.00	-110.00	0.00120	-30.00	-110.00	0.00172
-25.00	-110.00	0.00211	-20.00	-110.00	0.00264
-17.00	-110.00	0.00303	-15.00	-110.00	0.00333
-13.00	-110.00	0.00364	-11.00	-110.00	0.00396
-9.00	-110.00	0.00427	9.00	-110.00	0.00399
11.00	-110.00	0.00377	13.00	-110.00	0.00356
15.00	-110.00	0.00337	17.00	-110.00	0.00319
20.00	-110.00	0.00295	25.00	-110.00	0.00260
30.00	-110.00	0.00229	40.00	-110.00	0.00180
50.00	-110.00	0.00143	60.00	-110.00	0.00115
70.00	-110.00	0.00093	80.00	-110.00	0.00076
90.00	-110.00	0.00063	100.00	-110.00	0.00052
-100.00	-100.00	0.00036	-90.00	-100.00	0.00041
-80.00	-100.00	0.00047	-70.00	-100.00	0.00056
-60.00	-100.00	0.00069	-50.00	-100.00	0.00088
-40.00	-100.00	0.00118	-30.00	-100.00	0.00167
-25.00	-100.00	0.00202	-20.00	-100.00	0.00247
-17.00	-100.00	0.00278	-15.00	-100.00	0.00299
-13.00	-100.00	0.00321	-11.00	-100.00	0.00341
-9.00	-100.00	0.00359	9.00	-100.00	0.00331
11.00	-100.00	0.00316	13.00	-100.00	0.00300
15.00	-100.00	0.00286	17.00	-100.00	0.00273
20.00	-100.00	0.00254	25.00	-100.00	0.00227
30.00	-100.00	0.00204	40.00	-100.00	0.00165
50.00	-100.00	0.00134	60.00	-100.00	0.00110
70.00	-100.00	0.00091	80.00	-100.00	0.00075
90.00	-100.00	0.00062	100.00	-100.00	0.00052

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:37:33

\*\*MODELOPTs:

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00034	-90.00	-90.00	0.00039
-80.00	-90.00	0.00045	-70.00	-90.00	0.00054
-60.00	-90.00	0.00067	-50.00	-90.00	0.00085
-40.00	-90.00	0.00114	-30.00	-90.00	0.00159
-25.00	-90.00	0.00189	-20.00	-90.00	0.00225
-17.00	-90.00	0.00248	-15.00	-90.00	0.00263
-13.00	-90.00	0.00277	-11.00	-90.00	0.00289
-9.00	-90.00	0.00300	9.00	-90.00	0.00277
11.00	-90.00	0.00266	13.00	-90.00	0.00255
15.00	-90.00	0.00245	17.00	-90.00	0.00234
20.00	-90.00	0.00220	25.00	-90.00	0.00198
30.00	-90.00	0.00180	40.00	-90.00	0.00149
50.00	-90.00	0.00124	60.00	-90.00	0.00104
70.00	-90.00	0.00087	80.00	-90.00	0.00073
90.00	-90.00	0.00062	100.00	-90.00	0.00052
-100.00	-80.00	0.00032	-90.00	-80.00	0.00037
-80.00	-80.00	0.00044	-70.00	-80.00	0.00052
-60.00	-80.00	0.00065	-50.00	-80.00	0.00083
-40.00	-80.00	0.00110	-30.00	-80.00	0.00149
-25.00	-80.00	0.00174	-20.00	-80.00	0.00202
-17.00	-80.00	0.00218	-15.00	-80.00	0.00228
-13.00	-80.00	0.00238	-11.00	-80.00	0.00246
-9.00	-80.00	0.00252	9.00	-80.00	0.00234
11.00	-80.00	0.00227	13.00	-80.00	0.00219
15.00	-80.00	0.00211	17.00	-80.00	0.00203
20.00	-80.00	0.00191	25.00	-80.00	0.00174
30.00	-80.00	0.00159	40.00	-80.00	0.00134
50.00	-80.00	0.00114	60.00	-80.00	0.00097
70.00	-80.00	0.00083	80.00	-80.00	0.00070
90.00	-80.00	0.00060	100.00	-80.00	0.00051
-100.00	-70.00	0.00031	-90.00	-70.00	0.00036
-80.00	-70.00	0.00042	-70.00	-70.00	0.00051
-60.00	-70.00	0.00063	-50.00	-70.00	0.00080
-40.00	-70.00	0.00105	-30.00	-70.00	0.00139
-25.00	-70.00	0.00159	-20.00	-70.00	0.00179
-17.00	-70.00	0.00191	-15.00	-70.00	0.00198
-13.00	-70.00	0.00205	-11.00	-70.00	0.00210

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-70.00	0.00214	9.00	-70.00	0.00200
11.00	-70.00	0.00194	13.00	-70.00	0.00188
15.00	-70.00	0.00182	17.00	-70.00	0.00176

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00167	25.00	-70.00	0.00153
30.00	-70.00	0.00141	40.00	-70.00	0.00120
50.00	-70.00	0.00104	60.00	-70.00	0.00090
70.00	-70.00	0.00078	80.00	-70.00	0.00067
90.00	-70.00	0.00058	100.00	-70.00	0.00050
-100.00	-60.00	0.00030	-90.00	-60.00	0.00035
-80.00	-60.00	0.00041	-70.00	-60.00	0.00049
-60.00	-60.00	0.00061	-50.00	-60.00	0.00077
-40.00	-60.00	0.00099	-30.00	-60.00	0.00128
-25.00	-60.00	0.00144	-20.00	-60.00	0.00159
-17.00	-60.00	0.00168	-15.00	-60.00	0.00173
-13.00	-60.00	0.00177	-11.00	-60.00	0.00181
-9.00	-60.00	0.00183	9.00	-60.00	0.00172
11.00	-60.00	0.00168	13.00	-60.00	0.00164
15.00	-60.00	0.00159	17.00	-60.00	0.00154
20.00	-60.00	0.00147	25.00	-60.00	0.00136
30.00	-60.00	0.00126	40.00	-60.00	0.00108
50.00	-60.00	0.00094	60.00	-60.00	0.00083
70.00	-60.00	0.00073	80.00	-60.00	0.00064
90.00	-60.00	0.00056	100.00	-60.00	0.00049
-100.00	-50.00	0.00029	-90.00	-50.00	0.00034
-80.00	-50.00	0.00040	-70.00	-50.00	0.00048
-60.00	-50.00	0.00059	-50.00	-50.00	0.00073
-40.00	-50.00	0.00093	-30.00	-50.00	0.00117
-25.00	-50.00	0.00130	-20.00	-50.00	0.00142
-17.00	-50.00	0.00148	-15.00	-50.00	0.00151
-13.00	-50.00	0.00154	-11.00	-50.00	0.00157
-9.00	-50.00	0.00159	9.00	-50.00	0.00149
11.00	-50.00	0.00146	13.00	-50.00	0.00143
15.00	-50.00	0.00140	17.00	-50.00	0.00136
20.00	-50.00	0.00131	25.00	-50.00	0.00121

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	-50.00	0.00113	40.00	-50.00	0.00098
50.00	-50.00	0.00086	60.00	-50.00	0.00076
70.00	-50.00	0.00067	80.00	-50.00	0.00060
90.00	-50.00	0.00053	100.00	-50.00	0.00047
-100.00	-40.00	0.00028	-90.00	-40.00	0.00033
-80.00	-40.00	0.00039	-70.00	-40.00	0.00046
-60.00	-40.00	0.00057	-50.00	-40.00	0.00070
-40.00	-40.00	0.00087	-30.00	-40.00	0.00107
-25.00	-40.00	0.00117	-20.00	-40.00	0.00126

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

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

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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	-40.00	0.00131	-15.00	-40.00	0.00133
-13.00	-40.00	0.00135	-11.00	-40.00	0.00137
-9.00	-40.00	0.00138	9.00	-40.00	0.00131
11.00	-40.00	0.00129	13.00	-40.00	0.00126
15.00	-40.00	0.00123	17.00	-40.00	0.00121
20.00	-40.00	0.00116	25.00	-40.00	0.00109
30.00	-40.00	0.00102	40.00	-40.00	0.00089
50.00	-40.00	0.00078	60.00	-40.00	0.00070
70.00	-40.00	0.00062	80.00	-40.00	0.00056
90.00	-40.00	0.00050	100.00	-40.00	0.00045
-100.00	-30.00	0.00028	-90.00	-30.00	0.00032
-80.00	-30.00	0.00038	-70.00	-30.00	0.00045
-60.00	-30.00	0.00054	-50.00	-30.00	0.00067
-40.00	-30.00	0.00082	-30.00	-30.00	0.00098
-25.00	-30.00	0.00106	-20.00	-30.00	0.00113
-17.00	-30.00	0.00116	-15.00	-30.00	0.00118
-13.00	-30.00	0.00120	-11.00	-30.00	0.00121
-9.00	-30.00	0.00122	9.00	-30.00	0.00116
11.00	-30.00	0.00114	13.00	-30.00	0.00112
15.00	-30.00	0.00110	17.00	-30.00	0.00107
20.00	-30.00	0.00104	25.00	-30.00	0.00098
30.00	-30.00	0.00092	40.00	-30.00	0.00081
50.00	-30.00	0.00072	60.00	-30.00	0.00064
70.00	-30.00	0.00058	80.00	-30.00	0.00052
90.00	-30.00	0.00047	100.00	-30.00	0.00043

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	-20.00	0.00027	-90.00	-20.00	0.00031
-80.00	-20.00	0.00036	-70.00	-20.00	0.00043
-60.00	-20.00	0.00052	-50.00	-20.00	0.00063
-40.00	-20.00	0.00076	-30.00	-20.00	0.00090
-25.00	-20.00	0.00096	-20.00	-20.00	0.00101
-17.00	-20.00	0.00104	-15.00	-20.00	0.00105
-13.00	-20.00	0.00106	-11.00	-20.00	0.00107
-9.00	-20.00	0.00108	9.00	-20.00	0.00103
11.00	-20.00	0.00101	13.00	-20.00	0.00100
15.00	-20.00	0.00098	17.00	-20.00	0.00096
20.00	-20.00	0.00093	25.00	-20.00	0.00089
30.00	-20.00	0.00084	40.00	-20.00	0.00074
50.00	-20.00	0.00066	60.00	-20.00	0.00059
70.00	-20.00	0.00053	80.00	-20.00	0.00049
90.00	-20.00	0.00044	100.00	-20.00	0.00040

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

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

16:37:33

\*\*MODELOPTs:

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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	0.00026	-90.00	-10.00	0.00030
-80.00	-10.00	0.00035	-70.00	-10.00	0.00042
-60.00	-10.00	0.00050	-50.00	-10.00	0.00060
-40.00	-10.00	0.00071	-30.00	-10.00	0.00082
-25.00	-10.00	0.00087	-20.00	-10.00	0.00091
-17.00	-10.00	0.00093	-15.00	-10.00	0.00094
-13.00	-10.00	0.00095	-11.00	-10.00	0.00096
-9.00	-10.00	0.00096	9.00	-10.00	0.00092
11.00	-10.00	0.00091	13.00	-10.00	0.00090
15.00	-10.00	0.00088	17.00	-10.00	0.00087
20.00	-10.00	0.00084	25.00	-10.00	0.00080
30.00	-10.00	0.00076	40.00	-10.00	0.00068
50.00	-10.00	0.00061	60.00	-10.00	0.00055
70.00	-10.00	0.00050	80.00	-10.00	0.00045
90.00	-10.00	0.00042	100.00	-10.00	0.00038
-100.00	0.00	0.00026	-90.00	0.00	0.00029
-80.00	0.00	0.00034	-70.00	0.00	0.00040
-60.00	0.00	0.00048	-50.00	0.00	0.00056
-40.00	0.00	0.00066	-30.00	0.00	0.00075

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	0.00	0.00079	-20.00	0.00	0.00083
-17.00	0.00	0.00084	-15.00	0.00	0.00085
-13.00	0.00	0.00086	-11.00	0.00	0.00086
-9.00	0.00	0.00086	9.00	0.00	0.00083
11.00	0.00	0.00082	13.00	0.00	0.00081
15.00	0.00	0.00080	17.00	0.00	0.00078
20.00	0.00	0.00077	25.00	0.00	0.00073
30.00	0.00	0.00070	40.00	0.00	0.00063
50.00	0.00	0.00056	60.00	0.00	0.00051
70.00	0.00	0.00046	80.00	0.00	0.00042
90.00	0.00	0.00039	100.00	0.00	0.00036
-100.00	10.00	0.00025	-90.00	10.00	0.00028
-80.00	10.00	0.00033	-70.00	10.00	0.00039
-60.00	10.00	0.00046	-50.00	10.00	0.00053
-40.00	10.00	0.00062	-30.00	10.00	0.00069
-25.00	10.00	0.00073	-20.00	10.00	0.00075
-17.00	10.00	0.00076	-15.00	10.00	0.00077
-13.00	10.00	0.00078	-11.00	10.00	0.00078
-9.00	10.00	0.00078	9.00	10.00	0.00075
11.00	10.00	0.00074	13.00	10.00	0.00073
15.00	10.00	0.00072	17.00	10.00	0.00071

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

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

16:37:33

\*\*MODELOPTs:  
 PAGE 113

CONC                      URBAN FLAT    FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00070	25.00	10.00	0.00067
30.00	10.00	0.00064	40.00	10.00	0.00058
50.00	10.00	0.00052	60.00	10.00	0.00048
70.00	10.00	0.00043	80.00	10.00	0.00040
90.00	10.00	0.00037	100.00	10.00	0.00034
-100.00	20.00	0.00024	-90.00	20.00	0.00028
-80.00	20.00	0.00032	-70.00	20.00	0.00037
-60.00	20.00	0.00043	-50.00	20.00	0.00050
-40.00	20.00	0.00058	-30.00	20.00	0.00064
-25.00	20.00	0.00067	-20.00	20.00	0.00069
-17.00	20.00	0.00070	-15.00	20.00	0.00070
-13.00	20.00	0.00070	-11.00	20.00	0.00071
-9.00	20.00	0.00071	9.00	20.00	0.00068

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	20.00	0.00068	13.00	20.00	0.00067
15.00	20.00	0.00066	17.00	20.00	0.00065
20.00	20.00	0.00064	25.00	20.00	0.00061
30.00	20.00	0.00059	40.00	20.00	0.00054
50.00	20.00	0.00049	60.00	20.00	0.00044
70.00	20.00	0.00041	80.00	20.00	0.00037
90.00	20.00	0.00035	100.00	20.00	0.00032
-100.00	30.00	0.00023	-90.00	30.00	0.00027
-80.00	30.00	0.00031	-70.00	30.00	0.00036
-60.00	30.00	0.00041	-50.00	30.00	0.00048
-40.00	30.00	0.00054	-30.00	30.00	0.00059
-25.00	30.00	0.00061	-20.00	30.00	0.00063
-17.00	30.00	0.00064	-15.00	30.00	0.00064
-13.00	30.00	0.00064	-11.00	30.00	0.00065
-9.00	30.00	0.00065	9.00	30.00	0.00062
11.00	30.00	0.00062	13.00	30.00	0.00061
15.00	30.00	0.00060	17.00	30.00	0.00060
20.00	30.00	0.00059	25.00	30.00	0.00057
30.00	30.00	0.00054	40.00	30.00	0.00050
50.00	30.00	0.00046	60.00	30.00	0.00042
70.00	30.00	0.00038	80.00	30.00	0.00035
90.00	30.00	0.00033	100.00	30.00	0.00030
-100.00	40.00	0.00023	-90.00	40.00	0.00026
-80.00	40.00	0.00030	-70.00	40.00	0.00034
-60.00	40.00	0.00040	-50.00	40.00	0.00045
-40.00	40.00	0.00050	-30.00	40.00	0.00055
-25.00	40.00	0.00056	-20.00	40.00	0.00058

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

16:37:33  
 \*\*MODELOPTs:  
 PAGE 114  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00058	-15.00	40.00	0.00059
-13.00	40.00	0.00059	-11.00	40.00	0.00059
-9.00	40.00	0.00059	9.00	40.00	0.00057
11.00	40.00	0.00057	13.00	40.00	0.00056
15.00	40.00	0.00056	17.00	40.00	0.00055
20.00	40.00	0.00054	25.00	40.00	0.00052
30.00	40.00	0.00050	40.00	40.00	0.00047

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	40.00	0.00043	60.00	40.00	0.00039
70.00	40.00	0.00036	80.00	40.00	0.00033
90.00	40.00	0.00031	100.00	40.00	0.00029
-100.00	50.00	0.00022	-90.00	50.00	0.00025
-80.00	50.00	0.00029	-70.00	50.00	0.00033
-60.00	50.00	0.00038	-50.00	50.00	0.00042
-40.00	50.00	0.00047	-30.00	50.00	0.00051
-25.00	50.00	0.00052	-20.00	50.00	0.00053
-17.00	50.00	0.00054	-15.00	50.00	0.00054
-13.00	50.00	0.00054	-11.00	50.00	0.00054
-9.00	50.00	0.00054	9.00	50.00	0.00053
11.00	50.00	0.00052	13.00	50.00	0.00052
15.00	50.00	0.00051	17.00	50.00	0.00051
20.00	50.00	0.00050	25.00	50.00	0.00048
30.00	50.00	0.00047	40.00	50.00	0.00043
50.00	50.00	0.00040	60.00	50.00	0.00037
70.00	50.00	0.00034	80.00	50.00	0.00031
90.00	50.00	0.00029	100.00	50.00	0.00027
-100.00	60.00	0.00022	-90.00	60.00	0.00025
-80.00	60.00	0.00028	-70.00	60.00	0.00032
-60.00	60.00	0.00036	-50.00	60.00	0.00040
-40.00	60.00	0.00044	-30.00	60.00	0.00047
-25.00	60.00	0.00048	-20.00	60.00	0.00049
-17.00	60.00	0.00050	-15.00	60.00	0.00050
-13.00	60.00	0.00050	-11.00	60.00	0.00050
-9.00	60.00	0.00050	9.00	60.00	0.00049
11.00	60.00	0.00048	13.00	60.00	0.00048
15.00	60.00	0.00047	17.00	60.00	0.00047
20.00	60.00	0.00046	25.00	60.00	0.00045
30.00	60.00	0.00044	40.00	60.00	0.00041
50.00	60.00	0.00038	60.00	60.00	0.00035
70.00	60.00	0.00032	80.00	60.00	0.00030
90.00	60.00	0.00028	100.00	60.00	0.00026

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

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 \*\*MODELOPTs:  
 PAGE 115  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00021	-90.00	70.00	0.00024

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	70.00	0.00027	-70.00	70.00	0.00030
-60.00	70.00	0.00034	-50.00	70.00	0.00038
-40.00	70.00	0.00041	-30.00	70.00	0.00044
-25.00	70.00	0.00045	-20.00	70.00	0.00046
-17.00	70.00	0.00046	-15.00	70.00	0.00046
-13.00	70.00	0.00046	-11.00	70.00	0.00046
-9.00	70.00	0.00047	9.00	70.00	0.00045
11.00	70.00	0.00045	13.00	70.00	0.00044
15.00	70.00	0.00044	17.00	70.00	0.00044
20.00	70.00	0.00043	25.00	70.00	0.00042
30.00	70.00	0.00041	40.00	70.00	0.00038
50.00	70.00	0.00035	60.00	70.00	0.00033
70.00	70.00	0.00030	80.00	70.00	0.00028
90.00	70.00	0.00026	100.00	70.00	0.00025
-100.00	80.00	0.00021	-90.00	80.00	0.00023
-80.00	80.00	0.00026	-70.00	80.00	0.00029
-60.00	80.00	0.00033	-50.00	80.00	0.00036
-40.00	80.00	0.00039	-30.00	80.00	0.00041
-25.00	80.00	0.00042	-20.00	80.00	0.00043
-17.00	80.00	0.00043	-15.00	80.00	0.00043
-13.00	80.00	0.00043	-11.00	80.00	0.00043
-9.00	80.00	0.00043	9.00	80.00	0.00042
11.00	80.00	0.00042	13.00	80.00	0.00041
15.00	80.00	0.00041	17.00	80.00	0.00041
20.00	80.00	0.00040	25.00	80.00	0.00039
30.00	80.00	0.00038	40.00	80.00	0.00036
50.00	80.00	0.00033	60.00	80.00	0.00031
70.00	80.00	0.00029	80.00	80.00	0.00027
90.00	80.00	0.00025	100.00	80.00	0.00023
-100.00	90.00	0.00020	-90.00	90.00	0.00022
-80.00	90.00	0.00025	-70.00	90.00	0.00028
-60.00	90.00	0.00031	-50.00	90.00	0.00034
-40.00	90.00	0.00037	-30.00	90.00	0.00039
-25.00	90.00	0.00039	-20.00	90.00	0.00040
-17.00	90.00	0.00040	-15.00	90.00	0.00040
-13.00	90.00	0.00040	-11.00	90.00	0.00040
-9.00	90.00	0.00040	9.00	90.00	0.00039
11.00	90.00	0.00039	13.00	90.00	0.00039
15.00	90.00	0.00038	17.00	90.00	0.00038

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00038	25.00	90.00	0.00037
30.00	90.00	0.00036	40.00	90.00	0.00034
50.00	90.00	0.00031	60.00	90.00	0.00029
70.00	90.00	0.00027	80.00	90.00	0.00025
90.00	90.00	0.00024	100.00	90.00	0.00022
-100.00	100.00	0.00019	-90.00	100.00	0.00022
-80.00	100.00	0.00024	-70.00	100.00	0.00027
-60.00	100.00	0.00030	-50.00	100.00	0.00032
-40.00	100.00	0.00034	-30.00	100.00	0.00036
-25.00	100.00	0.00037	-20.00	100.00	0.00037
-17.00	100.00	0.00037	-15.00	100.00	0.00037
-13.00	100.00	0.00038	-11.00	100.00	0.00038
-9.00	100.00	0.00038	9.00	100.00	0.00037
11.00	100.00	0.00036	13.00	100.00	0.00036
15.00	100.00	0.00036	17.00	100.00	0.00036
20.00	100.00	0.00035	25.00	100.00	0.00034
30.00	100.00	0.00034	40.00	100.00	0.00032
50.00	100.00	0.00030	60.00	100.00	0.00028
70.00	100.00	0.00026	80.00	100.00	0.00024
90.00	100.00	0.00023	100.00	100.00	0.00021
-100.00	110.00	0.00019	-90.00	110.00	0.00021
-80.00	110.00	0.00023	-70.00	110.00	0.00026
-60.00	110.00	0.00028	-50.00	110.00	0.00031
-40.00	110.00	0.00033	-30.00	110.00	0.00034
-25.00	110.00	0.00035	-20.00	110.00	0.00035
-17.00	110.00	0.00035	-15.00	110.00	0.00035
-13.00	110.00	0.00035	-11.00	110.00	0.00035
-9.00	110.00	0.00035	9.00	110.00	0.00034
11.00	110.00	0.00034	13.00	110.00	0.00034
15.00	110.00	0.00034	17.00	110.00	0.00033
20.00	110.00	0.00033	25.00	110.00	0.00032
30.00	110.00	0.00032	40.00	110.00	0.00030
50.00	110.00	0.00028	60.00	110.00	0.00026
70.00	110.00	0.00025	80.00	110.00	0.00023
90.00	110.00	0.00022	100.00	110.00	0.00020
-100.00	120.00	0.00018	-90.00	120.00	0.00020
-80.00	120.00	0.00023	-70.00	120.00	0.00025
-60.00	120.00	0.00027	-50.00	120.00	0.00029
-40.00	120.00	0.00031	-30.00	120.00	0.00032

-25.00 120.00 0.00032 -20.00 120.00 0.00033

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

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\*\*MODELOPTs:  
 PAGE 117

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00033	-15.00	120.00	0.00033
-13.00	120.00	0.00033	-11.00	120.00	0.00033
-9.00	120.00	0.00033	9.00	120.00	0.00032
11.00	120.00	0.00032	13.00	120.00	0.00032
15.00	120.00	0.00032	17.00	120.00	0.00031
20.00	120.00	0.00031	25.00	120.00	0.00030
30.00	120.00	0.00030	40.00	120.00	0.00028
50.00	120.00	0.00027	60.00	120.00	0.00025
70.00	120.00	0.00024	80.00	120.00	0.00022
90.00	120.00	0.00021	100.00	120.00	0.00020
-100.00	130.00	0.00018	-90.00	130.00	0.00020
-80.00	130.00	0.00022	-70.00	130.00	0.00024
-60.00	130.00	0.00026	-50.00	130.00	0.00028
-40.00	130.00	0.00029	-30.00	130.00	0.00030
-25.00	130.00	0.00031	-20.00	130.00	0.00031
-17.00	130.00	0.00031	-15.00	130.00	0.00031
-13.00	130.00	0.00031	-11.00	130.00	0.00031
-9.00	130.00	0.00031	9.00	130.00	0.00030
11.00	130.00	0.00030	13.00	130.00	0.00030
15.00	130.00	0.00030	17.00	130.00	0.00030
20.00	130.00	0.00029	25.00	130.00	0.00029
30.00	130.00	0.00028	40.00	130.00	0.00027
50.00	130.00	0.00025	60.00	130.00	0.00024
70.00	130.00	0.00022	80.00	130.00	0.00021
90.00	130.00	0.00020	100.00	130.00	0.00019
-100.00	140.00	0.00017	-90.00	140.00	0.00019
-80.00	140.00	0.00021	-70.00	140.00	0.00023
-60.00	140.00	0.00025	-50.00	140.00	0.00026
-40.00	140.00	0.00028	-30.00	140.00	0.00029
-25.00	140.00	0.00029	-20.00	140.00	0.00029
-17.00	140.00	0.00029	-15.00	140.00	0.00029
-13.00	140.00	0.00029	-11.00	140.00	0.00029
-9.00	140.00	0.00029	9.00	140.00	0.00029

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	140.00	0.00028	13.00	140.00	0.00028
15.00	140.00	0.00028	17.00	140.00	0.00028
20.00	140.00	0.00028	25.00	140.00	0.00027
30.00	140.00	0.00027	40.00	140.00	0.00025
50.00	140.00	0.00024	60.00	140.00	0.00023
70.00	140.00	0.00021	80.00	140.00	0.00020
90.00	140.00	0.00019	100.00	140.00	0.00018

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

16:37:33  
 \*\*MODELOPTs:  
 PAGE 118  
 CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00017	-90.00	150.00	0.00019
-80.00	150.00	0.00020	-70.00	150.00	0.00022
-60.00	150.00	0.00024	-50.00	150.00	0.00025
-40.00	150.00	0.00026	-30.00	150.00	0.00027
-25.00	150.00	0.00027	-20.00	150.00	0.00028
-17.00	150.00	0.00028	-15.00	150.00	0.00028
-13.00	150.00	0.00028	-11.00	150.00	0.00028
-9.00	150.00	0.00028	9.00	150.00	0.00027
11.00	150.00	0.00027	13.00	150.00	0.00027
15.00	150.00	0.00027	17.00	150.00	0.00026
20.00	150.00	0.00026	25.00	150.00	0.00026
30.00	150.00	0.00025	40.00	150.00	0.00024
50.00	150.00	0.00023	60.00	150.00	0.00022
70.00	150.00	0.00021	80.00	150.00	0.00019
90.00	150.00	0.00018	100.00	150.00	0.00017
-100.00	160.00	0.00016	-90.00	160.00	0.00018
-80.00	160.00	0.00020	-70.00	160.00	0.00021
-60.00	160.00	0.00023	-50.00	160.00	0.00024
-40.00	160.00	0.00025	-30.00	160.00	0.00026
-25.00	160.00	0.00026	-20.00	160.00	0.00026
-17.00	160.00	0.00026	-15.00	160.00	0.00026
-13.00	160.00	0.00026	-11.00	160.00	0.00026
-9.00	160.00	0.00026	9.00	160.00	0.00026
11.00	160.00	0.00025	13.00	160.00	0.00025
15.00	160.00	0.00025	17.00	160.00	0.00025
20.00	160.00	0.00025	25.00	160.00	0.00024
30.00	160.00	0.00024	40.00	160.00	0.00023

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	160.00	0.00022	60.00	160.00	0.00021
70.00	160.00	0.00020	80.00	160.00	0.00019
90.00	160.00	0.00018	100.00	160.00	0.00017
-100.00	170.00	0.00016	-90.00	170.00	0.00017
-80.00	170.00	0.00019	-70.00	170.00	0.00020
-60.00	170.00	0.00022	-50.00	170.00	0.00023
-40.00	170.00	0.00024	-30.00	170.00	0.00024
-25.00	170.00	0.00025	-20.00	170.00	0.00025
-17.00	170.00	0.00025	-15.00	170.00	0.00025
-13.00	170.00	0.00025	-11.00	170.00	0.00025
-9.00	170.00	0.00025	9.00	170.00	0.00024
11.00	170.00	0.00024	13.00	170.00	0.00024
15.00	170.00	0.00024	17.00	170.00	0.00024

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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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	0.00024	25.00	170.00	0.00023
30.00	170.00	0.00023	40.00	170.00	0.00022
50.00	170.00	0.00021	60.00	170.00	0.00020
70.00	170.00	0.00019	80.00	170.00	0.00018
90.00	170.00	0.00017	100.00	170.00	0.00016
-100.00	180.00	0.00016	-90.00	180.00	0.00017
-80.00	180.00	0.00018	-70.00	180.00	0.00019
-60.00	180.00	0.00021	-50.00	180.00	0.00022
-40.00	180.00	0.00023	-30.00	180.00	0.00023
-25.00	180.00	0.00023	-20.00	180.00	0.00023
-17.00	180.00	0.00023	-15.00	180.00	0.00023
-13.00	180.00	0.00023	-11.00	180.00	0.00023
-9.00	180.00	0.00023	9.00	180.00	0.00023
11.00	180.00	0.00023	13.00	180.00	0.00023
15.00	180.00	0.00023	17.00	180.00	0.00023
20.00	180.00	0.00022	25.00	180.00	0.00022
30.00	180.00	0.00022	40.00	180.00	0.00021
50.00	180.00	0.00020	60.00	180.00	0.00019
70.00	180.00	0.00018	80.00	180.00	0.00017
90.00	180.00	0.00016	100.00	180.00	0.00015
-100.00	190.00	0.00015	-90.00	190.00	0.00016

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-80.00	190.00	0.00018	-70.00	190.00	0.00019
-60.00	190.00	0.00020	-50.00	190.00	0.00021
-40.00	190.00	0.00021	-30.00	190.00	0.00022
-25.00	190.00	0.00022	-20.00	190.00	0.00022
-17.00	190.00	0.00022	-15.00	190.00	0.00022
-13.00	190.00	0.00022	-11.00	190.00	0.00022
-9.00	190.00	0.00022	9.00	190.00	0.00022
11.00	190.00	0.00022	13.00	190.00	0.00022
15.00	190.00	0.00022	17.00	190.00	0.00021
20.00	190.00	0.00021	25.00	190.00	0.00021
30.00	190.00	0.00021	40.00	190.00	0.00020
50.00	190.00	0.00019	60.00	190.00	0.00018
70.00	190.00	0.00017	80.00	190.00	0.00016
90.00	190.00	0.00016	100.00	190.00	0.00015
-100.00	200.00	0.00015	-90.00	200.00	0.00016
-80.00	200.00	0.00017	-70.00	200.00	0.00018
-60.00	200.00	0.00019	-50.00	200.00	0.00020
-40.00	200.00	0.00021	-30.00	200.00	0.00021
-25.00	200.00	0.00021	-20.00	200.00	0.00021

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

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

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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	0.00021	-15.00	200.00	0.00021
-13.00	200.00	0.00021	-11.00	200.00	0.00021
-9.00	200.00	0.00021	9.00	200.00	0.00021
11.00	200.00	0.00021	13.00	200.00	0.00021
15.00	200.00	0.00021	17.00	200.00	0.00020
20.00	200.00	0.00020	25.00	200.00	0.00020
30.00	200.00	0.00020	40.00	200.00	0.00019
50.00	200.00	0.00018	60.00	200.00	0.00017
70.00	200.00	0.00017	80.00	200.00	0.00016
90.00	200.00	0.00015	100.00	200.00	0.00014
-100.00	210.00	0.00014	-90.00	210.00	0.00015
-80.00	210.00	0.00016	-70.00	210.00	0.00017
-60.00	210.00	0.00018	-50.00	210.00	0.00019
-40.00	210.00	0.00020	-30.00	210.00	0.00020
-25.00	210.00	0.00020	-20.00	210.00	0.00020

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-17.00	210.00	0.00020	-15.00	210.00	0.00020
-13.00	210.00	0.00020	-11.00	210.00	0.00020
-9.00	210.00	0.00020	9.00	210.00	0.00020
11.00	210.00	0.00020	13.00	210.00	0.00020
15.00	210.00	0.00020	17.00	210.00	0.00020
20.00	210.00	0.00019	25.00	210.00	0.00019
30.00	210.00	0.00019	40.00	210.00	0.00018
50.00	210.00	0.00018	60.00	210.00	0.00017
70.00	210.00	0.00016	80.00	210.00	0.00015
90.00	210.00	0.00015	100.00	210.00	0.00014
-100.00	220.00	0.00014	-90.00	220.00	0.00015
-80.00	220.00	0.00016	-70.00	220.00	0.00017
-60.00	220.00	0.00018	-50.00	220.00	0.00018
-40.00	220.00	0.00019	-30.00	220.00	0.00019
-25.00	220.00	0.00019	-20.00	220.00	0.00019
-17.00	220.00	0.00019	-15.00	220.00	0.00019
-13.00	220.00	0.00019	-11.00	220.00	0.00019
-9.00	220.00	0.00019	9.00	220.00	0.00019
11.00	220.00	0.00019	13.00	220.00	0.00019
15.00	220.00	0.00019	17.00	220.00	0.00019
20.00	220.00	0.00018	25.00	220.00	0.00018
30.00	220.00	0.00018	40.00	220.00	0.00017
50.00	220.00	0.00017	60.00	220.00	0.00016
70.00	220.00	0.00015	80.00	220.00	0.00015
90.00	220.00	0.00014	100.00	220.00	0.00013

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

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

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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	0.00013	-90.00	230.00	0.00014
-80.00	230.00	0.00015	-70.00	230.00	0.00016
-60.00	230.00	0.00017	-50.00	230.00	0.00017
-40.00	230.00	0.00018	-30.00	230.00	0.00018
-25.00	230.00	0.00018	-20.00	230.00	0.00018
-17.00	230.00	0.00018	-15.00	230.00	0.00018
-13.00	230.00	0.00018	-11.00	230.00	0.00018
-9.00	230.00	0.00018	9.00	230.00	0.00018
11.00	230.00	0.00018	13.00	230.00	0.00018

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

15.00	230.00	0.00018	17.00	230.00	0.00018
20.00	230.00	0.00018	25.00	230.00	0.00017
30.00	230.00	0.00017	40.00	230.00	0.00017
50.00	230.00	0.00016	60.00	230.00	0.00015
70.00	230.00	0.00015	80.00	230.00	0.00014
90.00	230.00	0.00014	100.00	230.00	0.00013
-100.00	240.00	0.00013	-90.00	240.00	0.00014
-80.00	240.00	0.00015	-70.00	240.00	0.00016
-60.00	240.00	0.00016	-50.00	240.00	0.00017
-40.00	240.00	0.00017	-30.00	240.00	0.00018
-25.00	240.00	0.00018	-20.00	240.00	0.00018
-17.00	240.00	0.00018	-15.00	240.00	0.00018
-13.00	240.00	0.00018	-11.00	240.00	0.00018
-9.00	240.00	0.00018	9.00	240.00	0.00017
11.00	240.00	0.00017	13.00	240.00	0.00017
15.00	240.00	0.00017	17.00	240.00	0.00017
20.00	240.00	0.00017	25.00	240.00	0.00017
30.00	240.00	0.00017	40.00	240.00	0.00016
50.00	240.00	0.00015	60.00	240.00	0.00015
70.00	240.00	0.00014	80.00	240.00	0.00014
90.00	240.00	0.00013	100.00	240.00	0.00012
-100.00	250.00	0.00013	-90.00	250.00	0.00014
-80.00	250.00	0.00014	-70.00	250.00	0.00015
-60.00	250.00	0.00016	-50.00	250.00	0.00016
-40.00	250.00	0.00017	-30.00	250.00	0.00017
-25.00	250.00	0.00017	-20.00	250.00	0.00017
-17.00	250.00	0.00017	-15.00	250.00	0.00017
-13.00	250.00	0.00017	-11.00	250.00	0.00017
-9.00	250.00	0.00017	9.00	250.00	0.00017
11.00	250.00	0.00017	13.00	250.00	0.00016
15.00	250.00	0.00016	17.00	250.00	0.00016

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

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

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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	0.00016	25.00	250.00	0.00016
30.00	250.00	0.00016	40.00	250.00	0.00015
50.00	250.00	0.00015	60.00	250.00	0.00014

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

70.00	250.00	0.00014	80.00	250.00	0.00013
90.00	250.00	0.00013	100.00	250.00	0.00012

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

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 \*\*MODELOPTs:  
 PAGE 123  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00246	-90.00	-250.00	0.00266
-80.00	-250.00	0.00287	-70.00	-250.00	0.00311
-60.00	-250.00	0.00336	-50.00	-250.00	0.00362
-40.00	-250.00	0.00387	-30.00	-250.00	0.00406
-25.00	-250.00	0.00412	-20.00	-250.00	0.00416
-17.00	-250.00	0.00416	-15.00	-250.00	0.00416
-13.00	-250.00	0.00415	-11.00	-250.00	0.00413
-9.00	-250.00	0.00409	9.00	-250.00	0.00287
11.00	-250.00	0.00273	13.00	-250.00	0.00260
15.00	-250.00	0.00248	17.00	-250.00	0.00237
20.00	-250.00	0.00221	25.00	-250.00	0.00198
30.00	-250.00	0.00179	40.00	-250.00	0.00149
50.00	-250.00	0.00126	60.00	-250.00	0.00108
70.00	-250.00	0.00094	80.00	-250.00	0.00083
90.00	-250.00	0.00073	100.00	-250.00	0.00066
-100.00	-240.00	0.00260	-90.00	-240.00	0.00282
-80.00	-240.00	0.00307	-70.00	-240.00	0.00336
-60.00	-240.00	0.00367	-50.00	-240.00	0.00401
-40.00	-240.00	0.00436	-30.00	-240.00	0.00468
-25.00	-240.00	0.00482	-20.00	-240.00	0.00491
-17.00	-240.00	0.00495	-15.00	-240.00	0.00496
-13.00	-240.00	0.00497	-11.00	-240.00	0.00496
-9.00	-240.00	0.00493	9.00	-240.00	0.00325
11.00	-240.00	0.00306	13.00	-240.00	0.00288
15.00	-240.00	0.00272	17.00	-240.00	0.00258
20.00	-240.00	0.00239	25.00	-240.00	0.00212
30.00	-240.00	0.00191	40.00	-240.00	0.00157
50.00	-240.00	0.00132	60.00	-240.00	0.00113
70.00	-240.00	0.00098	80.00	-240.00	0.00086
90.00	-240.00	0.00076	100.00	-240.00	0.00068
-100.00	-230.00	0.00271	-90.00	-230.00	0.00296
-80.00	-230.00	0.00325	-70.00	-230.00	0.00357

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-60.00	-230.00	0.00395	-50.00	-230.00	0.00436
-40.00	-230.00	0.00481	-30.00	-230.00	0.00527
-25.00	-230.00	0.00550	-20.00	-230.00	0.00572
-17.00	-230.00	0.00584	-15.00	-230.00	0.00592
-13.00	-230.00	0.00600	-11.00	-230.00	0.00609
-9.00	-230.00	0.00616	9.00	-230.00	0.00361
11.00	-230.00	0.00335	13.00	-230.00	0.00313
15.00	-230.00	0.00295	17.00	-230.00	0.00278

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00257	25.00	-230.00	0.00227
30.00	-230.00	0.00204	40.00	-230.00	0.00167
50.00	-230.00	0.00140	60.00	-230.00	0.00120
70.00	-230.00	0.00104	80.00	-230.00	0.00091
90.00	-230.00	0.00080	100.00	-230.00	0.00071
-100.00	-220.00	0.00281	-90.00	-220.00	0.00308
-80.00	-220.00	0.00339	-70.00	-220.00	0.00375
-60.00	-220.00	0.00416	-50.00	-220.00	0.00463
-40.00	-220.00	0.00514	-30.00	-220.00	0.00569
-25.00	-220.00	0.00598	-20.00	-220.00	0.00628
-17.00	-220.00	0.00647	-15.00	-220.00	0.00661
-13.00	-220.00	0.00676	-11.00	-220.00	0.00695
-9.00	-220.00	0.00719	9.00	-220.00	0.00423
11.00	-220.00	0.00387	13.00	-220.00	0.00358
15.00	-220.00	0.00335	17.00	-220.00	0.00315
20.00	-220.00	0.00289	25.00	-220.00	0.00253
30.00	-220.00	0.00225	40.00	-220.00	0.00182
50.00	-220.00	0.00152	60.00	-220.00	0.00128
70.00	-220.00	0.00110	80.00	-220.00	0.00096
90.00	-220.00	0.00084	100.00	-220.00	0.00074
-100.00	-210.00	0.00289	-90.00	-210.00	0.00318
-80.00	-210.00	0.00351	-70.00	-210.00	0.00389
-60.00	-210.00	0.00432	-50.00	-210.00	0.00482
-40.00	-210.00	0.00537	-30.00	-210.00	0.00595
-25.00	-210.00	0.00624	-20.00	-210.00	0.00656
-17.00	-210.00	0.00677	-15.00	-210.00	0.00693

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-13.00	-210.00	0.00712	-11.00	-210.00	0.00738
-9.00	-210.00	0.00777	9.00	-210.00	0.00543
11.00	-210.00	0.00488	13.00	-210.00	0.00445
15.00	-210.00	0.00409	17.00	-210.00	0.00379
20.00	-210.00	0.00341	25.00	-210.00	0.00293
30.00	-210.00	0.00256	40.00	-210.00	0.00203
50.00	-210.00	0.00166	60.00	-210.00	0.00139
70.00	-210.00	0.00118	80.00	-210.00	0.00102
90.00	-210.00	0.00089	100.00	-210.00	0.00079
-100.00	-200.00	0.00296	-90.00	-200.00	0.00326
-80.00	-200.00	0.00360	-70.00	-200.00	0.00399
-60.00	-200.00	0.00445	-50.00	-200.00	0.00496
-40.00	-200.00	0.00552	-30.00	-200.00	0.00613
-25.00	-200.00	0.00645	-20.00	-200.00	0.00682

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

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

16:37:33

\*\*MODELOPTs:  
 PAGE 125

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00710	-15.00	-200.00	0.00733
-13.00	-200.00	0.00763	-11.00	-200.00	0.00803
-9.00	-200.00	0.00862	9.00	-200.00	0.00649
11.00	-200.00	0.00583	13.00	-200.00	0.00531
15.00	-200.00	0.00487	17.00	-200.00	0.00450
20.00	-200.00	0.00402	25.00	-200.00	0.00339
30.00	-200.00	0.00292	40.00	-200.00	0.00226
50.00	-200.00	0.00182	60.00	-200.00	0.00151
70.00	-200.00	0.00127	80.00	-200.00	0.00109
90.00	-200.00	0.00095	100.00	-200.00	0.00083
-100.00	-190.00	0.00302	-90.00	-190.00	0.00332
-80.00	-190.00	0.00367	-70.00	-190.00	0.00407
-60.00	-190.00	0.00454	-50.00	-190.00	0.00506
-40.00	-190.00	0.00565	-30.00	-190.00	0.00630
-25.00	-190.00	0.00668	-20.00	-190.00	0.00714
-17.00	-190.00	0.00751	-15.00	-190.00	0.00783
-13.00	-190.00	0.00824	-11.00	-190.00	0.00876
-9.00	-190.00	0.00947	9.00	-190.00	0.00733
11.00	-190.00	0.00661	13.00	-190.00	0.00602
15.00	-190.00	0.00553	17.00	-190.00	0.00511

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

20.00	-190.00	0.00457	25.00	-190.00	0.00385
30.00	-190.00	0.00330	40.00	-190.00	0.00251
50.00	-190.00	0.00200	60.00	-190.00	0.00163
70.00	-190.00	0.00137	80.00	-190.00	0.00116
90.00	-190.00	0.00100	100.00	-190.00	0.00088
-100.00	-180.00	0.00306	-90.00	-180.00	0.00337
-80.00	-180.00	0.00373	-70.00	-180.00	0.00414
-60.00	-180.00	0.00461	-50.00	-180.00	0.00515
-40.00	-180.00	0.00577	-30.00	-180.00	0.00649
-25.00	-180.00	0.00693	-20.00	-180.00	0.00750
-17.00	-180.00	0.00796	-15.00	-180.00	0.00834
-13.00	-180.00	0.00882	-11.00	-180.00	0.00942
-9.00	-180.00	0.01020	9.00	-180.00	0.00802
11.00	-180.00	0.00724	13.00	-180.00	0.00661
15.00	-180.00	0.00608	17.00	-180.00	0.00562
20.00	-180.00	0.00504	25.00	-180.00	0.00426
30.00	-180.00	0.00365	40.00	-180.00	0.00276
50.00	-180.00	0.00218	60.00	-180.00	0.00177
70.00	-180.00	0.00147	80.00	-180.00	0.00124
90.00	-180.00	0.00106	100.00	-180.00	0.00093

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

04/20/08

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

16:37:33

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00310	-90.00	-170.00	0.00341
-80.00	-170.00	0.00377	-70.00	-170.00	0.00419
-60.00	-170.00	0.00468	-50.00	-170.00	0.00524
-40.00	-170.00	0.00590	-30.00	-170.00	0.00669
-25.00	-170.00	0.00720	-20.00	-170.00	0.00785
-17.00	-170.00	0.00838	-15.00	-170.00	0.00881
-13.00	-170.00	0.00933	-11.00	-170.00	0.00998
-9.00	-170.00	0.01080	9.00	-170.00	0.00859
11.00	-170.00	0.00776	13.00	-170.00	0.00710
15.00	-170.00	0.00654	17.00	-170.00	0.00605
20.00	-170.00	0.00543	25.00	-170.00	0.00460
30.00	-170.00	0.00396	40.00	-170.00	0.00300
50.00	-170.00	0.00236	60.00	-170.00	0.00190
70.00	-170.00	0.00157	80.00	-170.00	0.00132

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-170.00	0.00113	100.00	-170.00	0.00098
-100.00	-160.00	0.00312	-90.00	-160.00	0.00344
-80.00	-160.00	0.00381	-70.00	-160.00	0.00424
-60.00	-160.00	0.00474	-50.00	-160.00	0.00533
-40.00	-160.00	0.00603	-30.00	-160.00	0.00689
-25.00	-160.00	0.00745	-20.00	-160.00	0.00818
-17.00	-160.00	0.00875	-15.00	-160.00	0.00922
-13.00	-160.00	0.00977	-11.00	-160.00	0.01045
-9.00	-160.00	0.01130	9.00	-160.00	0.00905
11.00	-160.00	0.00819	13.00	-160.00	0.00751
15.00	-160.00	0.00693	17.00	-160.00	0.00642
20.00	-160.00	0.00577	25.00	-160.00	0.00490
30.00	-160.00	0.00422	40.00	-160.00	0.00322
50.00	-160.00	0.00253	60.00	-160.00	0.00203
70.00	-160.00	0.00167	80.00	-160.00	0.00140
90.00	-160.00	0.00119	100.00	-160.00	0.00103
-100.00	-150.00	0.00314	-90.00	-150.00	0.00347
-80.00	-150.00	0.00384	-70.00	-150.00	0.00428
-60.00	-150.00	0.00480	-50.00	-150.00	0.00542
-40.00	-150.00	0.00615	-30.00	-150.00	0.00708
-25.00	-150.00	0.00769	-20.00	-150.00	0.00848
-17.00	-150.00	0.00909	-15.00	-150.00	0.00958
-13.00	-150.00	0.01015	-11.00	-150.00	0.01085
-9.00	-150.00	0.01170	9.00	-150.00	0.00944
11.00	-150.00	0.00855	13.00	-150.00	0.00784
15.00	-150.00	0.00725	17.00	-150.00	0.00673

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

16:37:33  
 \*\*MODELOPTS:  
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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	0.00606	25.00	-150.00	0.00515
30.00	-150.00	0.00444	40.00	-150.00	0.00341
50.00	-150.00	0.00268	60.00	-150.00	0.00216
70.00	-150.00	0.00177	80.00	-150.00	0.00148
90.00	-150.00	0.00126	100.00	-150.00	0.00108
-100.00	-140.00	0.00316	-90.00	-140.00	0.00349
-80.00	-140.00	0.00388	-70.00	-140.00	0.00433
-60.00	-140.00	0.00486	-50.00	-140.00	0.00550

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-140.00	0.00627	-30.00	-140.00	0.00726
-25.00	-140.00	0.00791	-20.00	-140.00	0.00873
-17.00	-140.00	0.00937	-15.00	-140.00	0.00987
-13.00	-140.00	0.01046	-11.00	-140.00	0.01119
-9.00	-140.00	0.01207	9.00	-140.00	0.00976
11.00	-140.00	0.00887	13.00	-140.00	0.00813
15.00	-140.00	0.00752	17.00	-140.00	0.00699
20.00	-140.00	0.00630	25.00	-140.00	0.00538
30.00	-140.00	0.00464	40.00	-140.00	0.00357
50.00	-140.00	0.00282	60.00	-140.00	0.00228
70.00	-140.00	0.00187	80.00	-140.00	0.00156
90.00	-140.00	0.00132	100.00	-140.00	0.00113
-100.00	-130.00	0.00318	-90.00	-130.00	0.00352
-80.00	-130.00	0.00391	-70.00	-130.00	0.00437
-60.00	-130.00	0.00492	-50.00	-130.00	0.00558
-40.00	-130.00	0.00638	-30.00	-130.00	0.00742
-25.00	-130.00	0.00810	-20.00	-130.00	0.00896
-17.00	-130.00	0.00961	-15.00	-130.00	0.01012
-13.00	-130.00	0.01072	-11.00	-130.00	0.01146
-9.00	-130.00	0.01235	9.00	-130.00	0.00999
11.00	-130.00	0.00912	13.00	-130.00	0.00839
15.00	-130.00	0.00777	17.00	-130.00	0.00722
20.00	-130.00	0.00652	25.00	-130.00	0.00557
30.00	-130.00	0.00482	40.00	-130.00	0.00372
50.00	-130.00	0.00295	60.00	-130.00	0.00238
70.00	-130.00	0.00196	80.00	-130.00	0.00163
90.00	-130.00	0.00138	100.00	-130.00	0.00118
-100.00	-120.00	0.00320	-90.00	-120.00	0.00354
-80.00	-120.00	0.00394	-70.00	-120.00	0.00441
-60.00	-120.00	0.00498	-50.00	-120.00	0.00565
-40.00	-120.00	0.00649	-30.00	-120.00	0.00757
-25.00	-120.00	0.00827	-20.00	-120.00	0.00915

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

16:37:33  
 \*\*MODELOPTs:  
 PAGE 128  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00982	-15.00	-120.00	0.01035
-13.00	-120.00	0.01096	-11.00	-120.00	0.01169

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	-120.00	0.01259	9.00	-120.00	0.01018
11.00	-120.00	0.00931	13.00	-120.00	0.00858
15.00	-120.00	0.00796	17.00	-120.00	0.00741
20.00	-120.00	0.00670	25.00	-120.00	0.00574
30.00	-120.00	0.00497	40.00	-120.00	0.00385
50.00	-120.00	0.00306	60.00	-120.00	0.00248
70.00	-120.00	0.00204	80.00	-120.00	0.00170
90.00	-120.00	0.00144	100.00	-120.00	0.00123
-100.00	-110.00	0.00321	-90.00	-110.00	0.00356
-80.00	-110.00	0.00397	-70.00	-110.00	0.00445
-60.00	-110.00	0.00503	-50.00	-110.00	0.00572
-40.00	-110.00	0.00659	-30.00	-110.00	0.00771
-25.00	-110.00	0.00843	-20.00	-110.00	0.00933
-17.00	-110.00	0.01000	-15.00	-110.00	0.01053
-13.00	-110.00	0.01115	-11.00	-110.00	0.01187
-9.00	-110.00	0.01277	9.00	-110.00	0.01036
11.00	-110.00	0.00949	13.00	-110.00	0.00876
15.00	-110.00	0.00813	17.00	-110.00	0.00758
20.00	-110.00	0.00686	25.00	-110.00	0.00588
30.00	-110.00	0.00511	40.00	-110.00	0.00396
50.00	-110.00	0.00315	60.00	-110.00	0.00256
70.00	-110.00	0.00212	80.00	-110.00	0.00177
90.00	-110.00	0.00150	100.00	-110.00	0.00128
-100.00	-100.00	0.00322	-90.00	-100.00	0.00358
-80.00	-100.00	0.00399	-70.00	-100.00	0.00448
-60.00	-100.00	0.00507	-50.00	-100.00	0.00579
-40.00	-100.00	0.00668	-30.00	-100.00	0.00783
-25.00	-100.00	0.00856	-20.00	-100.00	0.00948
-17.00	-100.00	0.01016	-15.00	-100.00	0.01069
-13.00	-100.00	0.01131	-11.00	-100.00	0.01204
-9.00	-100.00	0.01293	9.00	-100.00	0.01052
11.00	-100.00	0.00964	13.00	-100.00	0.00891
15.00	-100.00	0.00827	17.00	-100.00	0.00772
20.00	-100.00	0.00700	25.00	-100.00	0.00601
30.00	-100.00	0.00523	40.00	-100.00	0.00406
50.00	-100.00	0.00324	60.00	-100.00	0.00264
70.00	-100.00	0.00218	80.00	-100.00	0.00183
90.00	-100.00	0.00155	100.00	-100.00	0.00132

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

04/20/08

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

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\*\*MODELOPTS:  
PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00323	-90.00	-90.00	0.00359
-80.00	-90.00	0.00401	-70.00	-90.00	0.00451
-60.00	-90.00	0.00512	-50.00	-90.00	0.00585
-40.00	-90.00	0.00676	-30.00	-90.00	0.00793
-25.00	-90.00	0.00868	-20.00	-90.00	0.00961
-17.00	-90.00	0.01029	-15.00	-90.00	0.01082
-13.00	-90.00	0.01144	-11.00	-90.00	0.01218
-9.00	-90.00	0.01306	9.00	-90.00	0.01067
11.00	-90.00	0.00978	13.00	-90.00	0.00904
15.00	-90.00	0.00840	17.00	-90.00	0.00784
20.00	-90.00	0.00711	25.00	-90.00	0.00612
30.00	-90.00	0.00533	40.00	-90.00	0.00415
50.00	-90.00	0.00332	60.00	-90.00	0.00271
70.00	-90.00	0.00224	80.00	-90.00	0.00188
90.00	-90.00	0.00160	100.00	-90.00	0.00137
-100.00	-80.00	0.00324	-90.00	-80.00	0.00360
-80.00	-80.00	0.00403	-70.00	-80.00	0.00454
-60.00	-80.00	0.00515	-50.00	-80.00	0.00590
-40.00	-80.00	0.00683	-30.00	-80.00	0.00803
-25.00	-80.00	0.00879	-20.00	-80.00	0.00972
-17.00	-80.00	0.01041	-15.00	-80.00	0.01094
-13.00	-80.00	0.01156	-11.00	-80.00	0.01229
-9.00	-80.00	0.01318	9.00	-80.00	0.01079
11.00	-80.00	0.00990	13.00	-80.00	0.00916
15.00	-80.00	0.00852	17.00	-80.00	0.00795
20.00	-80.00	0.00722	25.00	-80.00	0.00622
30.00	-80.00	0.00542	40.00	-80.00	0.00423
50.00	-80.00	0.00339	60.00	-80.00	0.00277
70.00	-80.00	0.00230	80.00	-80.00	0.00193
90.00	-80.00	0.00164	100.00	-80.00	0.00141
-100.00	-70.00	0.00325	-90.00	-70.00	0.00362
-80.00	-70.00	0.00405	-70.00	-70.00	0.00457
-60.00	-70.00	0.00519	-50.00	-70.00	0.00595
-40.00	-70.00	0.00690	-30.00	-70.00	0.00811
-25.00	-70.00	0.00888	-20.00	-70.00	0.00982
-17.00	-70.00	0.01051	-15.00	-70.00	0.01104
-13.00	-70.00	0.01166	-11.00	-70.00	0.01239
-9.00	-70.00	0.01328	9.00	-70.00	0.01090
11.00	-70.00	0.00999	13.00	-70.00	0.00925
15.00	-70.00	0.00862	17.00	-70.00	0.00805

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:37:33

\*\*MODELOPTs:

PAGE 130

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00731	25.00	-70.00	0.00630
30.00	-70.00	0.00550	40.00	-70.00	0.00430
50.00	-70.00	0.00345	60.00	-70.00	0.00282
70.00	-70.00	0.00235	80.00	-70.00	0.00198
90.00	-70.00	0.00168	100.00	-70.00	0.00144
-100.00	-60.00	0.00325	-90.00	-60.00	0.00362
-80.00	-60.00	0.00406	-70.00	-60.00	0.00459
-60.00	-60.00	0.00522	-50.00	-60.00	0.00600
-40.00	-60.00	0.00695	-30.00	-60.00	0.00818
-25.00	-60.00	0.00896	-20.00	-60.00	0.00990
-17.00	-60.00	0.01059	-15.00	-60.00	0.01114
-13.00	-60.00	0.01176	-11.00	-60.00	0.01249
-9.00	-60.00	0.01337	9.00	-60.00	0.01101
11.00	-60.00	0.01009	13.00	-60.00	0.00933
15.00	-60.00	0.00870	17.00	-60.00	0.00813
20.00	-60.00	0.00739	25.00	-60.00	0.00638
30.00	-60.00	0.00557	40.00	-60.00	0.00436
50.00	-60.00	0.00351	60.00	-60.00	0.00287
70.00	-60.00	0.00239	80.00	-60.00	0.00202
90.00	-60.00	0.00172	100.00	-60.00	0.00148
-100.00	-50.00	0.00325	-90.00	-50.00	0.00363
-80.00	-50.00	0.00407	-70.00	-50.00	0.00461
-60.00	-50.00	0.00525	-50.00	-50.00	0.00603
-40.00	-50.00	0.00701	-30.00	-50.00	0.00824
-25.00	-50.00	0.00902	-20.00	-50.00	0.00997
-17.00	-50.00	0.01066	-15.00	-50.00	0.01120
-13.00	-50.00	0.01183	-11.00	-50.00	0.01258
-9.00	-50.00	0.01348	9.00	-50.00	0.01110
11.00	-50.00	0.01018	13.00	-50.00	0.00940
15.00	-50.00	0.00876	17.00	-50.00	0.00820
20.00	-50.00	0.00746	25.00	-50.00	0.00645
30.00	-50.00	0.00563	40.00	-50.00	0.00442
50.00	-50.00	0.00356	60.00	-50.00	0.00292
70.00	-50.00	0.00243	80.00	-50.00	0.00205

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

90.00	-50.00	0.00175	100.00	-50.00	0.00151
-100.00	-40.00	0.00325	-90.00	-40.00	0.00363
-80.00	-40.00	0.00408	-70.00	-40.00	0.00462
-60.00	-40.00	0.00527	-50.00	-40.00	0.00607
-40.00	-40.00	0.00705	-30.00	-40.00	0.00829
-25.00	-40.00	0.00907	-20.00	-40.00	0.01002

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

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

16:37:33

\*\*MODELOPTs:

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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	0.01073	-15.00	-40.00	0.01127
-13.00	-40.00	0.01189	-11.00	-40.00	0.01264
-9.00	-40.00	0.01355	9.00	-40.00	0.01114
11.00	-40.00	0.01024	13.00	-40.00	0.00949
15.00	-40.00	0.00884	17.00	-40.00	0.00827
20.00	-40.00	0.00753	25.00	-40.00	0.00651
30.00	-40.00	0.00569	40.00	-40.00	0.00447
50.00	-40.00	0.00360	60.00	-40.00	0.00296
70.00	-40.00	0.00247	80.00	-40.00	0.00209
90.00	-40.00	0.00178	100.00	-40.00	0.00153
-100.00	-30.00	0.00325	-90.00	-30.00	0.00363
-80.00	-30.00	0.00409	-70.00	-30.00	0.00463
-60.00	-30.00	0.00529	-50.00	-30.00	0.00609
-40.00	-30.00	0.00708	-30.00	-30.00	0.00834
-25.00	-30.00	0.00912	-20.00	-30.00	0.01008
-17.00	-30.00	0.01078	-15.00	-30.00	0.01133
-13.00	-30.00	0.01196	-11.00	-30.00	0.01270
-9.00	-30.00	0.01361	9.00	-30.00	0.01116
11.00	-30.00	0.01027	13.00	-30.00	0.00953
15.00	-30.00	0.00889	17.00	-30.00	0.00832
20.00	-30.00	0.00758	25.00	-30.00	0.00656
30.00	-30.00	0.00574	40.00	-30.00	0.00451
50.00	-30.00	0.00364	60.00	-30.00	0.00299
70.00	-30.00	0.00250	80.00	-30.00	0.00211
90.00	-30.00	0.00181	100.00	-30.00	0.00156
-100.00	-20.00	0.00324	-90.00	-20.00	0.00363
-80.00	-20.00	0.00409	-70.00	-20.00	0.00464
-60.00	-20.00	0.00530	-50.00	-20.00	0.00612

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-40.00	-20.00	0.00711	-30.00	-20.00	0.00838
-25.00	-20.00	0.00916	-20.00	-20.00	0.01012
-17.00	-20.00	0.01082	-15.00	-20.00	0.01137
-13.00	-20.00	0.01200	-11.00	-20.00	0.01273
-9.00	-20.00	0.01364	9.00	-20.00	0.01120
11.00	-20.00	0.01031	13.00	-20.00	0.00957
15.00	-20.00	0.00893	17.00	-20.00	0.00836
20.00	-20.00	0.00762	25.00	-20.00	0.00660
30.00	-20.00	0.00578	40.00	-20.00	0.00455
50.00	-20.00	0.00367	60.00	-20.00	0.00302
70.00	-20.00	0.00253	80.00	-20.00	0.00214
90.00	-20.00	0.00183	100.00	-20.00	0.00158

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

16:37:33

\*\*MODELOPTs:  
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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	0.00323	-90.00	-10.00	0.00362
-80.00	-10.00	0.00408	-70.00	-10.00	0.00464
-60.00	-10.00	0.00531	-50.00	-10.00	0.00613
-40.00	-10.00	0.00714	-30.00	-10.00	0.00841
-25.00	-10.00	0.00919	-20.00	-10.00	0.01015
-17.00	-10.00	0.01086	-15.00	-10.00	0.01140
-13.00	-10.00	0.01203	-11.00	-10.00	0.01277
-9.00	-10.00	0.01367	9.00	-10.00	0.01124
11.00	-10.00	0.01035	13.00	-10.00	0.00961
15.00	-10.00	0.00896	17.00	-10.00	0.00840
20.00	-10.00	0.00765	25.00	-10.00	0.00663
30.00	-10.00	0.00582	40.00	-10.00	0.00458
50.00	-10.00	0.00370	60.00	-10.00	0.00305
70.00	-10.00	0.00255	80.00	-10.00	0.00216
90.00	-10.00	0.00185	100.00	-10.00	0.00160
-100.00	0.00	0.00322	-90.00	0.00	0.00361
-80.00	0.00	0.00408	-70.00	0.00	0.00464
-60.00	0.00	0.00532	-50.00	0.00	0.00614
-40.00	0.00	0.00715	-30.00	0.00	0.00843
-25.00	0.00	0.00922	-20.00	0.00	0.01018
-17.00	0.00	0.01088	-15.00	0.00	0.01143
-13.00	0.00	0.01206	-11.00	0.00	0.01280

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-9.00	0.00	0.01369	9.00	0.00	0.01128
11.00	0.00	0.01039	13.00	0.00	0.00964
15.00	0.00	0.00899	17.00	0.00	0.00842
20.00	0.00	0.00768	25.00	0.00	0.00666
30.00	0.00	0.00584	40.00	0.00	0.00461
50.00	0.00	0.00372	60.00	0.00	0.00307
70.00	0.00	0.00257	80.00	0.00	0.00218
90.00	0.00	0.00187	100.00	0.00	0.00162
-100.00	10.00	0.00321	-90.00	10.00	0.00360
-80.00	10.00	0.00407	-70.00	10.00	0.00463
-60.00	10.00	0.00531	-50.00	10.00	0.00614
-40.00	10.00	0.00716	-30.00	10.00	0.00844
-25.00	10.00	0.00923	-20.00	10.00	0.01020
-17.00	10.00	0.01090	-15.00	10.00	0.01145
-13.00	10.00	0.01207	-11.00	10.00	0.01281
-9.00	10.00	0.01371	9.00	10.00	0.01132
11.00	10.00	0.01041	13.00	10.00	0.00967
15.00	10.00	0.00902	17.00	10.00	0.00845

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

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

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 \*\*MODELOPTs:  
 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	0.00770	25.00	10.00	0.00669	
30.00	10.00	0.00587	40.00	10.00	0.00463	
50.00	10.00	0.00375	60.00	10.00	0.00309	
70.00	10.00	0.00259	80.00	10.00	0.00220	
90.00	10.00	0.00188	100.00	10.00	0.00163	
-100.00	20.00	0.00319	-90.00	20.00	0.00358	
-80.00	20.00	0.00405	-70.00	20.00	0.00462	
-60.00	20.00	0.00530	-50.00	20.00	0.00614	
-40.00	20.00	0.00716	-30.00	20.00	0.00845	
-25.00	20.00	0.00924	-20.00	20.00	0.01021	
-17.00	20.00	0.01091	-15.00	20.00	0.01146	
-13.00	20.00	0.01208	-11.00	20.00	0.01282	
-9.00	20.00	0.01371	9.00	20.00	0.01134	
11.00	20.00	0.01043	13.00	20.00	0.00968	
15.00	20.00	0.00904	17.00	20.00	0.00847	
20.00	20.00	0.00772	25.00	20.00	0.00670	

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	20.00	0.00588	40.00	20.00	0.00465
50.00	20.00	0.00376	60.00	20.00	0.00310
70.00	20.00	0.00260	80.00	20.00	0.00221
90.00	20.00	0.00190	100.00	20.00	0.00164
-100.00	30.00	0.00316	-90.00	30.00	0.00356
-80.00	30.00	0.00403	-70.00	30.00	0.00460
-60.00	30.00	0.00529	-50.00	30.00	0.00613
-40.00	30.00	0.00715	-30.00	30.00	0.00844
-25.00	30.00	0.00924	-20.00	30.00	0.01021
-17.00	30.00	0.01092	-15.00	30.00	0.01147
-13.00	30.00	0.01210	-11.00	30.00	0.01283
-9.00	30.00	0.01372	9.00	30.00	0.01137
11.00	30.00	0.01045	13.00	30.00	0.00969
15.00	30.00	0.00905	17.00	30.00	0.00848
20.00	30.00	0.00774	25.00	30.00	0.00671
30.00	30.00	0.00589	40.00	30.00	0.00466
50.00	30.00	0.00377	60.00	30.00	0.00312
70.00	30.00	0.00261	80.00	30.00	0.00222
90.00	30.00	0.00191	100.00	30.00	0.00165
-100.00	40.00	0.00314	-90.00	40.00	0.00353
-80.00	40.00	0.00401	-70.00	40.00	0.00458
-60.00	40.00	0.00527	-50.00	40.00	0.00611
-40.00	40.00	0.00714	-30.00	40.00	0.00843
-25.00	40.00	0.00923	-20.00	40.00	0.01020

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

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 \*\*MODELOPTs:  
 PAGE 134  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.01091	-15.00	40.00	0.01145
-13.00	40.00	0.01209	-11.00	40.00	0.01284
-9.00	40.00	0.01375	9.00	40.00	0.01139
11.00	40.00	0.01046	13.00	40.00	0.00969
15.00	40.00	0.00905	17.00	40.00	0.00849
20.00	40.00	0.00774	25.00	40.00	0.00672
30.00	40.00	0.00590	40.00	40.00	0.00466
50.00	40.00	0.00378	60.00	40.00	0.00312
70.00	40.00	0.00262	80.00	40.00	0.00223
90.00	40.00	0.00191	100.00	40.00	0.00166

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	50.00	0.00310	-90.00	50.00	0.00350
-80.00	50.00	0.00398	-70.00	50.00	0.00455
-60.00	50.00	0.00524	-50.00	50.00	0.00609
-40.00	50.00	0.00712	-30.00	50.00	0.00841
-25.00	50.00	0.00921	-20.00	50.00	0.01018
-17.00	50.00	0.01089	-15.00	50.00	0.01144
-13.00	50.00	0.01207	-11.00	50.00	0.01283
-9.00	50.00	0.01374	9.00	50.00	0.01135
11.00	50.00	0.01046	13.00	50.00	0.00971
15.00	50.00	0.00906	17.00	50.00	0.00849
20.00	50.00	0.00775	25.00	50.00	0.00672
30.00	50.00	0.00590	40.00	50.00	0.00467
50.00	50.00	0.00379	60.00	50.00	0.00313
70.00	50.00	0.00263	80.00	50.00	0.00223
90.00	50.00	0.00192	100.00	50.00	0.00167
-100.00	60.00	0.00307	-90.00	60.00	0.00347
-80.00	60.00	0.00394	-70.00	60.00	0.00452
-60.00	60.00	0.00521	-50.00	60.00	0.00605
-40.00	60.00	0.00709	-30.00	60.00	0.00838
-25.00	60.00	0.00918	-20.00	60.00	0.01016
-17.00	60.00	0.01087	-15.00	60.00	0.01142
-13.00	60.00	0.01206	-11.00	60.00	0.01281
-9.00	60.00	0.01373	9.00	60.00	0.01131
11.00	60.00	0.01043	13.00	60.00	0.00969
15.00	60.00	0.00905	17.00	60.00	0.00848
20.00	60.00	0.00774	25.00	60.00	0.00672
30.00	60.00	0.00590	40.00	60.00	0.00467
50.00	60.00	0.00379	60.00	60.00	0.00313
70.00	60.00	0.00263	80.00	60.00	0.00224
90.00	60.00	0.00192	100.00	60.00	0.00167

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

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 \*\*MODELOPTs:  
 PAGE 135  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00302	-90.00	70.00	0.00342
-80.00	70.00	0.00390	-70.00	70.00	0.00447
-60.00	70.00	0.00517	-50.00	70.00	0.00601
-40.00	70.00	0.00705	-30.00	70.00	0.00835

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	70.00	0.00915	-20.00	70.00	0.01012
-17.00	70.00	0.01084	-15.00	70.00	0.01139
-13.00	70.00	0.01203	-11.00	70.00	0.01277
-9.00	70.00	0.01368	9.00	70.00	0.01129
11.00	70.00	0.01040	13.00	70.00	0.00967
15.00	70.00	0.00903	17.00	70.00	0.00846
20.00	70.00	0.00772	25.00	70.00	0.00671
30.00	70.00	0.00589	40.00	70.00	0.00466
50.00	70.00	0.00378	60.00	70.00	0.00313
70.00	70.00	0.00263	80.00	70.00	0.00224
90.00	70.00	0.00193	100.00	70.00	0.00167
-100.00	80.00	0.00297	-90.00	80.00	0.00337
-80.00	80.00	0.00385	-70.00	80.00	0.00442
-60.00	80.00	0.00511	-50.00	80.00	0.00596
-40.00	80.00	0.00699	-30.00	80.00	0.00830
-25.00	80.00	0.00910	-20.00	80.00	0.01008
-17.00	80.00	0.01079	-15.00	80.00	0.01134
-13.00	80.00	0.01198	-11.00	80.00	0.01272
-9.00	80.00	0.01363	9.00	80.00	0.01126
11.00	80.00	0.01038	13.00	80.00	0.00964
15.00	80.00	0.00900	17.00	80.00	0.00844
20.00	80.00	0.00770	25.00	80.00	0.00669
30.00	80.00	0.00588	40.00	80.00	0.00465
50.00	80.00	0.00377	60.00	80.00	0.00312
70.00	80.00	0.00262	80.00	80.00	0.00223
90.00	80.00	0.00193	100.00	80.00	0.00168
-100.00	90.00	0.00292	-90.00	90.00	0.00331
-80.00	90.00	0.00379	-70.00	90.00	0.00436
-60.00	90.00	0.00505	-50.00	90.00	0.00589
-40.00	90.00	0.00693	-30.00	90.00	0.00823
-25.00	90.00	0.00904	-20.00	90.00	0.01002
-17.00	90.00	0.01073	-15.00	90.00	0.01129
-13.00	90.00	0.01192	-11.00	90.00	0.01267
-9.00	90.00	0.01357	9.00	90.00	0.01123
11.00	90.00	0.01034	13.00	90.00	0.00960
15.00	90.00	0.00896	17.00	90.00	0.00840

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

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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 \*\*\*

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00767	25.00	90.00	0.00666
30.00	90.00	0.00585	40.00	90.00	0.00463
50.00	90.00	0.00376	60.00	90.00	0.00311
70.00	90.00	0.00262	80.00	90.00	0.00223
90.00	90.00	0.00192	100.00	90.00	0.00168
-100.00	100.00	0.00285	-90.00	100.00	0.00325
-80.00	100.00	0.00372	-70.00	100.00	0.00429
-60.00	100.00	0.00498	-50.00	100.00	0.00582
-40.00	100.00	0.00685	-30.00	100.00	0.00816
-25.00	100.00	0.00896	-20.00	100.00	0.00995
-17.00	100.00	0.01066	-15.00	100.00	0.01121
-13.00	100.00	0.01185	-11.00	100.00	0.01260
-9.00	100.00	0.01350	9.00	100.00	0.01120
11.00	100.00	0.01030	13.00	100.00	0.00956
15.00	100.00	0.00893	17.00	100.00	0.00836
20.00	100.00	0.00763	25.00	100.00	0.00663
30.00	100.00	0.00582	40.00	100.00	0.00461
50.00	100.00	0.00374	60.00	100.00	0.00310
70.00	100.00	0.00261	80.00	100.00	0.00222
90.00	100.00	0.00192	100.00	100.00	0.00168
-100.00	110.00	0.00277	-90.00	110.00	0.00317
-80.00	110.00	0.00364	-70.00	110.00	0.00420
-60.00	110.00	0.00489	-50.00	110.00	0.00572
-40.00	110.00	0.00676	-30.00	110.00	0.00806
-25.00	110.00	0.00887	-20.00	110.00	0.00985
-17.00	110.00	0.01057	-15.00	110.00	0.01112
-13.00	110.00	0.01176	-11.00	110.00	0.01251
-9.00	110.00	0.01341	9.00	110.00	0.01114
11.00	110.00	0.01024	13.00	110.00	0.00951
15.00	110.00	0.00888	17.00	110.00	0.00832
20.00	110.00	0.00758	25.00	110.00	0.00658
30.00	110.00	0.00578	40.00	110.00	0.00458
50.00	110.00	0.00372	60.00	110.00	0.00308
70.00	110.00	0.00259	80.00	110.00	0.00222
90.00	110.00	0.00192	100.00	110.00	0.00167
-100.00	120.00	0.00268	-90.00	120.00	0.00307
-80.00	120.00	0.00354	-70.00	120.00	0.00411
-60.00	120.00	0.00479	-50.00	120.00	0.00562
-40.00	120.00	0.00664	-30.00	120.00	0.00794
-25.00	120.00	0.00876	-20.00	120.00	0.00974

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

16:37:33

\*\*MODELOPTS:  
PAGE 137

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.01046	-15.00	120.00	0.01102
-13.00	120.00	0.01166	-11.00	120.00	0.01241
-9.00	120.00	0.01331	9.00	120.00	0.01108
11.00	120.00	0.01018	13.00	120.00	0.00944
15.00	120.00	0.00881	17.00	120.00	0.00825
20.00	120.00	0.00753	25.00	120.00	0.00653
30.00	120.00	0.00574	40.00	120.00	0.00454
50.00	120.00	0.00369	60.00	120.00	0.00306
70.00	120.00	0.00258	80.00	120.00	0.00221
90.00	120.00	0.00191	100.00	120.00	0.00167
-100.00	130.00	0.00258	-90.00	130.00	0.00297
-80.00	130.00	0.00343	-70.00	130.00	0.00399
-60.00	130.00	0.00467	-50.00	130.00	0.00549
-40.00	130.00	0.00651	-30.00	130.00	0.00780
-25.00	130.00	0.00861	-20.00	130.00	0.00960
-17.00	130.00	0.01032	-15.00	130.00	0.01088
-13.00	130.00	0.01152	-11.00	130.00	0.01229
-9.00	130.00	0.01322	9.00	130.00	0.01101
11.00	130.00	0.01011	13.00	130.00	0.00935
15.00	130.00	0.00872	17.00	130.00	0.00818
20.00	130.00	0.00746	25.00	130.00	0.00647
30.00	130.00	0.00568	40.00	130.00	0.00450
50.00	130.00	0.00366	60.00	130.00	0.00303
70.00	130.00	0.00256	80.00	130.00	0.00219
90.00	130.00	0.00190	100.00	130.00	0.00166
-100.00	140.00	0.00247	-90.00	140.00	0.00284
-80.00	140.00	0.00330	-70.00	140.00	0.00385
-60.00	140.00	0.00452	-50.00	140.00	0.00534
-40.00	140.00	0.00634	-30.00	140.00	0.00763
-25.00	140.00	0.00843	-20.00	140.00	0.00942
-17.00	140.00	0.01015	-15.00	140.00	0.01071
-13.00	140.00	0.01135	-11.00	140.00	0.01213
-9.00	140.00	0.01306	9.00	140.00	0.01087
11.00	140.00	0.01000	13.00	140.00	0.00927
15.00	140.00	0.00864	17.00	140.00	0.00809
20.00	140.00	0.00738	25.00	140.00	0.00640

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

30.00	140.00	0.00561	40.00	140.00	0.00445
50.00	140.00	0.00362	60.00	140.00	0.00301
70.00	140.00	0.00254	80.00	140.00	0.00218
90.00	140.00	0.00189	100.00	140.00	0.00166

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

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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	0.00235	-90.00	150.00	0.00271
-80.00	150.00	0.00315	-70.00	150.00	0.00369
-60.00	150.00	0.00435	-50.00	150.00	0.00516
-40.00	150.00	0.00615	-30.00	150.00	0.00743
-25.00	150.00	0.00823	-20.00	150.00	0.00921
-17.00	150.00	0.00994	-15.00	150.00	0.01051
-13.00	150.00	0.01116	-11.00	150.00	0.01193
-9.00	150.00	0.01286	9.00	150.00	0.01070
11.00	150.00	0.00985	13.00	150.00	0.00914
15.00	150.00	0.00852	17.00	150.00	0.00798
20.00	150.00	0.00727	25.00	150.00	0.00631
30.00	150.00	0.00554	40.00	150.00	0.00439
50.00	150.00	0.00358	60.00	150.00	0.00298
70.00	150.00	0.00252	80.00	150.00	0.00217
90.00	150.00	0.00188	100.00	150.00	0.00165
-100.00	160.00	0.00222	-90.00	160.00	0.00256
-80.00	160.00	0.00298	-70.00	160.00	0.00350
-60.00	160.00	0.00414	-50.00	160.00	0.00494
-40.00	160.00	0.00592	-30.00	160.00	0.00718
-25.00	160.00	0.00797	-20.00	160.00	0.00895
-17.00	160.00	0.00968	-15.00	160.00	0.01025
-13.00	160.00	0.01090	-11.00	160.00	0.01166
-9.00	160.00	0.01260	9.00	160.00	0.01054
11.00	160.00	0.00969	13.00	160.00	0.00899
15.00	160.00	0.00838	17.00	160.00	0.00785
20.00	160.00	0.00715	25.00	160.00	0.00621
30.00	160.00	0.00545	40.00	160.00	0.00433
50.00	160.00	0.00353	60.00	160.00	0.00295
70.00	160.00	0.00250	80.00	160.00	0.00215
90.00	160.00	0.00187	100.00	160.00	0.00164

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-100.00	170.00	0.00209	-90.00	170.00	0.00240
-80.00	170.00	0.00280	-70.00	170.00	0.00329
-60.00	170.00	0.00390	-50.00	170.00	0.00468
-40.00	170.00	0.00564	-30.00	170.00	0.00688
-25.00	170.00	0.00766	-20.00	170.00	0.00864
-17.00	170.00	0.00936	-15.00	170.00	0.00992
-13.00	170.00	0.01058	-11.00	170.00	0.01135
-9.00	170.00	0.01228	9.00	170.00	0.01034
11.00	170.00	0.00950	13.00	170.00	0.00881
15.00	170.00	0.00821	17.00	170.00	0.00769

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

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

16:37:33

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00701	25.00	170.00	0.00609
30.00	170.00	0.00535	40.00	170.00	0.00426
50.00	170.00	0.00348	60.00	170.00	0.00291
70.00	170.00	0.00248	80.00	170.00	0.00213
90.00	170.00	0.00186	100.00	170.00	0.00164
-100.00	180.00	0.00195	-90.00	180.00	0.00224
-80.00	180.00	0.00260	-70.00	180.00	0.00306
-60.00	180.00	0.00363	-50.00	180.00	0.00436
-40.00	180.00	0.00530	-30.00	180.00	0.00652
-25.00	180.00	0.00729	-20.00	180.00	0.00824
-17.00	180.00	0.00896	-15.00	180.00	0.00952
-13.00	180.00	0.01017	-11.00	180.00	0.01094
-9.00	180.00	0.01187	9.00	180.00	0.01010
11.00	180.00	0.00928	13.00	180.00	0.00860
15.00	180.00	0.00802	17.00	180.00	0.00751
20.00	180.00	0.00685	25.00	180.00	0.00595
30.00	180.00	0.00524	40.00	180.00	0.00418
50.00	180.00	0.00344	60.00	180.00	0.00288
70.00	180.00	0.00245	80.00	180.00	0.00212
90.00	180.00	0.00185	100.00	180.00	0.00163
-100.00	190.00	0.00180	-90.00	190.00	0.00207
-80.00	190.00	0.00240	-70.00	190.00	0.00281
-60.00	190.00	0.00333	-50.00	190.00	0.00400
-40.00	190.00	0.00488	-30.00	190.00	0.00607

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

-25.00	190.00	0.00683	-20.00	190.00	0.00777
-17.00	190.00	0.00847	-15.00	190.00	0.00902
-13.00	190.00	0.00967	-11.00	190.00	0.01043
-9.00	190.00	0.01137	9.00	190.00	0.00983
11.00	190.00	0.00902	13.00	190.00	0.00836
15.00	190.00	0.00780	17.00	190.00	0.00731
20.00	190.00	0.00667	25.00	190.00	0.00581
30.00	190.00	0.00513	40.00	190.00	0.00411
50.00	190.00	0.00339	60.00	190.00	0.00284
70.00	190.00	0.00243	80.00	190.00	0.00210
90.00	190.00	0.00183	100.00	190.00	0.00162
-100.00	200.00	0.00166	-90.00	200.00	0.00190
-80.00	200.00	0.00220	-70.00	200.00	0.00256
-60.00	200.00	0.00303	-50.00	200.00	0.00363
-40.00	200.00	0.00442	-30.00	200.00	0.00551
-25.00	200.00	0.00625	-20.00	200.00	0.00717

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00786	-15.00	200.00	0.00841
-13.00	200.00	0.00904	-11.00	200.00	0.00979
-9.00	200.00	0.01072	9.00	200.00	0.00950
11.00	200.00	0.00871	13.00	200.00	0.00809
15.00	200.00	0.00756	17.00	200.00	0.00710
20.00	200.00	0.00649	25.00	200.00	0.00567
30.00	200.00	0.00502	40.00	200.00	0.00404
50.00	200.00	0.00333	60.00	200.00	0.00281
70.00	200.00	0.00240	80.00	200.00	0.00208
90.00	200.00	0.00181	100.00	200.00	0.00160
-100.00	210.00	0.00153	-90.00	210.00	0.00174
-80.00	210.00	0.00200	-70.00	210.00	0.00232
-60.00	210.00	0.00272	-50.00	210.00	0.00324
-40.00	210.00	0.00393	-30.00	210.00	0.00490
-25.00	210.00	0.00556	-20.00	210.00	0.00643
-17.00	210.00	0.00709	-15.00	210.00	0.00762
-13.00	210.00	0.00824	-11.00	210.00	0.00898
-9.00	210.00	0.00989	9.00	210.00	0.00914

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

11.00	210.00	0.00841	13.00	210.00	0.00782
15.00	210.00	0.00733	17.00	210.00	0.00689
20.00	210.00	0.00633	25.00	210.00	0.00554
30.00	210.00	0.00491	40.00	210.00	0.00397
50.00	210.00	0.00328	60.00	210.00	0.00276
70.00	210.00	0.00236	80.00	210.00	0.00205
90.00	210.00	0.00179	100.00	210.00	0.00158
-100.00	220.00	0.00142	-90.00	220.00	0.00161
-80.00	220.00	0.00183	-70.00	220.00	0.00211
-60.00	220.00	0.00246	-50.00	220.00	0.00290
-40.00	220.00	0.00349	-30.00	220.00	0.00431
-25.00	220.00	0.00488	-20.00	220.00	0.00563
-17.00	220.00	0.00620	-15.00	220.00	0.00666
-13.00	220.00	0.00721	-11.00	220.00	0.00787
-9.00	220.00	0.00870	9.00	220.00	0.00881
11.00	220.00	0.00814	13.00	220.00	0.00757
15.00	220.00	0.00711	17.00	220.00	0.00670
20.00	220.00	0.00616	25.00	220.00	0.00540
30.00	220.00	0.00479	40.00	220.00	0.00387
50.00	220.00	0.00321	60.00	220.00	0.00271
70.00	220.00	0.00232	80.00	220.00	0.00201
90.00	220.00	0.00177	100.00	220.00	0.00156

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):            NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00132	-90.00	230.00	0.00149
-80.00	230.00	0.00170	-70.00	230.00	0.00194
-60.00	230.00	0.00225	-50.00	230.00	0.00264
-40.00	230.00	0.00316	-30.00	230.00	0.00390
-25.00	230.00	0.00441	-20.00	230.00	0.00507
-17.00	230.00	0.00558	-15.00	230.00	0.00598
-13.00	230.00	0.00646	-11.00	230.00	0.00702
-9.00	230.00	0.00768	9.00	230.00	0.00817
11.00	230.00	0.00763	13.00	230.00	0.00715
15.00	230.00	0.00673	17.00	230.00	0.00635
20.00	230.00	0.00585	25.00	230.00	0.00515
30.00	230.00	0.00459	40.00	230.00	0.00373

03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

50.00	230.00	0.00310	60.00	230.00	0.00263
70.00	230.00	0.00226	80.00	230.00	0.00197
90.00	230.00	0.00173	100.00	230.00	0.00153
-100.00	240.00	0.00124	-90.00	240.00	0.00139
-80.00	240.00	0.00158	-70.00	240.00	0.00181
-60.00	240.00	0.00209	-50.00	240.00	0.00245
-40.00	240.00	0.00294	-30.00	240.00	0.00365
-25.00	240.00	0.00415	-20.00	240.00	0.00479
-17.00	240.00	0.00529	-15.00	240.00	0.00567
-13.00	240.00	0.00611	-11.00	240.00	0.00659
-9.00	240.00	0.00711	9.00	240.00	0.00694
11.00	240.00	0.00660	13.00	240.00	0.00628
15.00	240.00	0.00599	17.00	240.00	0.00571
20.00	240.00	0.00532	25.00	240.00	0.00477
30.00	240.00	0.00429	40.00	240.00	0.00353
50.00	240.00	0.00296	60.00	240.00	0.00253
70.00	240.00	0.00218	80.00	240.00	0.00191
90.00	240.00	0.00168	100.00	240.00	0.00150
-100.00	250.00	0.00117	-90.00	250.00	0.00131
-80.00	250.00	0.00149	-70.00	250.00	0.00170
-60.00	250.00	0.00197	-50.00	250.00	0.00232
-40.00	250.00	0.00279	-30.00	250.00	0.00348
-25.00	250.00	0.00395	-20.00	250.00	0.00454
-17.00	250.00	0.00496	-15.00	250.00	0.00528
-13.00	250.00	0.00560	-11.00	250.00	0.00593
-9.00	250.00	0.00625	9.00	250.00	0.00589
11.00	250.00	0.00565	13.00	250.00	0.00542
15.00	250.00	0.00521	17.00	250.00	0.00501

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/20/08  
 16:37:33  
 \*\*MODELOPTs: \*\*\* Maximum train overlap at North/South Bound Direction \*\*\*  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00473	25.00	250.00	0.00430
30.00	250.00	0.00393	40.00	250.00	0.00330
50.00	250.00	0.00281	60.00	250.00	0.00242
70.00	250.00	0.00210	80.00	250.00	0.00184
90.00	250.00	0.00163	100.00	250.00	0.00146

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03NCRA\_NAPA97-300\_DPM\_TRAV\_ANN\_N-S Bound

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

\*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

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

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

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GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00746 AT (-9.00, 190.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00737 AT (-9.00, 180.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00731 AT (-9.00, 200.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00705 AT (-9.00, 170.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00688 AT (-9.00, 210.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00660 AT (-11.00, 190.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00655 AT (-11.00, 180.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00652 AT (-9.00, 160.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00642 AT (-11.00, 200.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00630 AT (-11.00, 170.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00746 AT (-9.00, 100.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00737 AT (-9.00, 90.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00731 AT (-9.00, 110.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00705 AT (-9.00, 80.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00688 AT (-9.00, 120.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00660 AT (-11.00, 100.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00655 AT (-11.00, 90.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00652 AT (-9.00, 70.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00642 AT (-11.00, 110.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00630 AT (-11.00, 80.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00746 AT (-9.00, 10.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00737 AT (-9.00, 0.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00731 AT (-9.00, 20.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00705 AT (-9.00, -10.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00688 AT (-9.00, 30.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00660 AT (-11.00, 10.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00655 AT (-11.00, 0.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00652 AT (-9.00, -20.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00642 AT (-11.00, 20.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00630 AT (-11.00, -10.00, 0.00, 1.20)	DC	NA

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\*\*\* 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

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GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00746 AT (-9.00, -80.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00737 AT (-9.00, -90.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00731 AT (-9.00, -70.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00705 AT (-9.00, -100.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00688 AT (-9.00, -60.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00660 AT (-11.00, -80.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00655 AT (-11.00, -90.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00652 AT (-9.00, -110.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00642 AT (-11.00, -70.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00630 AT (-11.00, -100.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00746 AT (-9.00, -170.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00737 AT (-9.00, -180.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00731 AT (-9.00, -160.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00705 AT (-9.00, -190.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00688 AT (-9.00, -150.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00660 AT (-11.00, -170.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00655 AT (-11.00, -180.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00652 AT (-9.00, -200.00, 0.00, 1.20)	DC	NA

		03NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound							
	9TH HIGHEST VALUE IS	0.00642	AT (	-11.00,	-160.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00630	AT (	-11.00,	-190.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01375	AT (	-9.00,	40.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01374	AT (	-9.00,	50.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01373	AT (	-9.00,	60.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01372	AT (	-9.00,	30.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01371	AT (	-9.00,	20.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01371	AT (	-9.00,	10.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01369	AT (	-9.00,	0.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01368	AT (	-9.00,	70.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01367	AT (	-9.00,	-10.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01364	AT (	-9.00,	-20.00,	0.00,	1.20)	DC	NA

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

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

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

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\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 6 Informational Message(s)  
 A Total of 6 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*