

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 17:21:52

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\08NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at East/West Bound Direction
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTS FLAT
CO FLAGPOLE 1.2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA 135.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA 45.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -45.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -135.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -225.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 90 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

RE DISCCART	-250.0	100.0	1.2
RE DISCCART	-250.0	90.0	1.2
RE DISCCART	-250.0	80.0	1.2
RE DISCCART	-250.0	70.0	1.2
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RE DISCCART	160.0	-20.0	1.2
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RE DISCCART	160.0	-30.0	1.2
RE DISCCART	160.0	-40.0	1.2
RE DISCCART	160.0	-50.0	1.2
RE DISCCART	160.0	-60.0	1.2
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RE DISCCART	160.0	-80.0	1.2
RE DISCCART	160.0	-90.0	1.2
RE DISCCART	160.0	-100.0	1.2
RE DISCCART	170.0	100.0	1.2
RE DISCCART	170.0	90.0	1.2
RE DISCCART	170.0	80.0	1.2
RE DISCCART	170.0	70.0	1.2
RE DISCCART	170.0	60.0	1.2
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RE DISCCART	170.0	30.0	1.2
RE DISCCART	170.0	25.0	1.2
RE DISCCART	170.0	20.0	1.2
RE DISCCART	170.0	17.0	1.2
RE DISCCART	170.0	15.0	1.2
RE DISCCART	170.0	13.0	1.2
RE DISCCART	170.0	11.0	1.2
RE DISCCART	170.0	9.0	1.2

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

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

RE DISCCART	200.0	11.0	1.2
RE DISCCART	200.0	9.0	1.2
RE DISCCART	200.0	-9.0	1.2
RE DISCCART	200.0	-11.0	1.2
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RE DISCCART	200.0	-70.0	1.2
RE DISCCART	200.0	-80.0	1.2
RE DISCCART	200.0	-90.0	1.2
RE DISCCART	200.0	-100.0	1.2
RE DISCCART	210.0	100.0	1.2
RE DISCCART	210.0	90.0	1.2
RE DISCCART	210.0	80.0	1.2
RE DISCCART	210.0	70.0	1.2
RE DISCCART	210.0	60.0	1.2
RE DISCCART	210.0	50.0	1.2
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RE DISCCART	210.0	17.0	1.2
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RE DISCCART	210.0	13.0	1.2
RE DISCCART	210.0	11.0	1.2
RE DISCCART	210.0	9.0	1.2
RE DISCCART	210.0	-9.0	1.2
RE DISCCART	210.0	-11.0	1.2
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RE DISCCART	220.0	50.0	1.2
RE DISCCART	220.0	40.0	1.2
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RE DISCCART	220.0	25.0	1.2
RE DISCCART	220.0	20.0	1.2
RE DISCCART	220.0	17.0	1.2
RE DISCCART	220.0	15.0	1.2
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RE DISCCART	220.0	11.0	1.2
RE DISCCART	220.0	9.0	1.2
RE DISCCART	220.0	-9.0	1.2
RE DISCCART	220.0	-11.0	1.2
RE DISCCART	220.0	-13.0	1.2
RE DISCCART	220.0	-15.0	1.2
RE DISCCART	220.0	-17.0	1.2
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RE DISCCART	220.0	-40.0	1.2
RE DISCCART	220.0	-50.0	1.2
RE DISCCART	220.0	-60.0	1.2
RE DISCCART	220.0	-70.0	1.2
RE DISCCART	220.0	-80.0	1.2
RE DISCCART	220.0	-90.0	1.2
RE DISCCART	220.0	-100.0	1.2
RE DISCCART	230.0	100.0	1.2
RE DISCCART	230.0	90.0	1.2
RE DISCCART	230.0	80.0	1.2
RE DISCCART	230.0	70.0	1.2
RE DISCCART	230.0	60.0	1.2
RE DISCCART	230.0	50.0	1.2
RE DISCCART	230.0	40.0	1.2
RE DISCCART	230.0	30.0	1.2
RE DISCCART	230.0	25.0	1.2
RE DISCCART	230.0	20.0	1.2
RE DISCCART	230.0	17.0	1.2

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

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

ME STARTING
ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP97300.ASC"
ME ANEMHGHT 10 METERS
ME SURFDATA 4901 1997
ME UAIRDATA 4901 1997
ME STARTEND 1997 01 01 1 1997 12 31 24
ME FINISHED

OU STARTING

OU FINISHED

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

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\08NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\08NCRA_NAPA97-300_DPM_TRAV_ANN_N-S Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

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

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

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

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

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

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

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

**The Model Assumes A Pollutant Type of: OTHER

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

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

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

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

0.10000E+07

Output Units = MICROGRAMS/M**3

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

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\08NCRA-1.DAT

**Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\08NCRA-1.LST

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

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**MODELOPTs:
PAGE 2

CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

Table with 11 columns: EMISSION RATE, NUMBER, EMISSION RATE, COORD (SW CORNER), BASE, RELEASE, X-DIM, Y-DIM, ORIENT., INIT. Includes rows for NCRA_S1 through NCRA_S5.

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

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**MODELOPTs:
PAGE 3

CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

- NCRA_S1 NCRA_S1 ,
NCRA_S2 NCRA_S2 ,
NCRA_S3 NCRA_S3 ,
NCRA_S4 NCRA_S4 ,
NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

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

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

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

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

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

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

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

*** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

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

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

17:21:52
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

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

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

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

1 *** ISCT3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound
(METERS)

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

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

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

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

PAGE 11

CONC

URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

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

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

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

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
 PAGE 13

CONC URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

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

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

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

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

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTS:
PAGE 15

CONC URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

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

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

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

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

PAGE 17

CONC

URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

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

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

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

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

*** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN E-W Bound

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

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

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

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

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

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

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

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

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

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

17:21:52
 **MODELOPTS:
 PAGE 24

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00009	-230.00	-25.00	0.00009
-230.00	-30.00	0.00009	-230.00	-40.00	0.00010
-230.00	-50.00	0.00010	-230.00	-60.00	0.00010
-230.00	-70.00	0.00011	-230.00	-80.00	0.00011
-230.00	-90.00	0.00011	-230.00	-100.00	0.00012
-220.00	100.00	0.00006	-220.00	90.00	0.00006
-220.00	80.00	0.00007	-220.00	70.00	0.00007
-220.00	60.00	0.00007	-220.00	50.00	0.00008
-220.00	40.00	0.00008	-220.00	30.00	0.00008
-220.00	25.00	0.00008	-220.00	20.00	0.00008
-220.00	17.00	0.00008	-220.00	15.00	0.00008

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-220.00	13.00	0.00008	-220.00	11.00	0.00009
-220.00	9.00	0.00009	-220.00	-9.00	0.00009
-220.00	-11.00	0.00009	-220.00	-13.00	0.00009
-220.00	-15.00	0.00009	-220.00	-17.00	0.00009
-220.00	-20.00	0.00009	-220.00	-25.00	0.00010
-220.00	-30.00	0.00010	-220.00	-40.00	0.00010
-220.00	-50.00	0.00011	-220.00	-60.00	0.00011
-220.00	-70.00	0.00011	-220.00	-80.00	0.00012
-220.00	-90.00	0.00012	-220.00	-100.00	0.00012
-210.00	100.00	0.00006	-210.00	90.00	0.00007
-210.00	80.00	0.00007	-210.00	70.00	0.00007
-210.00	60.00	0.00008	-210.00	50.00	0.00008
-210.00	40.00	0.00008	-210.00	30.00	0.00008
-210.00	25.00	0.00009	-210.00	20.00	0.00009
-210.00	17.00	0.00009	-210.00	15.00	0.00009
-210.00	13.00	0.00009	-210.00	11.00	0.00009
-210.00	9.00	0.00009	-210.00	-9.00	0.00010
-210.00	-11.00	0.00010	-210.00	-13.00	0.00010
-210.00	-15.00	0.00010	-210.00	-17.00	0.00010
-210.00	-20.00	0.00010	-210.00	-25.00	0.00010
-210.00	-30.00	0.00010	-210.00	-40.00	0.00011
-210.00	-50.00	0.00011	-210.00	-60.00	0.00012
-210.00	-70.00	0.00012	-210.00	-80.00	0.00012
-210.00	-90.00	0.00013	-210.00	-100.00	0.00013
-200.00	100.00	0.00007	-200.00	90.00	0.00007
-200.00	80.00	0.00007	-200.00	70.00	0.00008
-200.00	60.00	0.00008	-200.00	50.00	0.00008
-200.00	40.00	0.00009	-200.00	30.00	0.00009
-200.00	25.00	0.00009	-200.00	20.00	0.00009

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

17:21:52
 **MODELOPTS:
 PAGE 25
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00009	-200.00	15.00	0.00009
-200.00	13.00	0.00009	-200.00	11.00	0.00009
-200.00	9.00	0.00009	-200.00	-9.00	0.00010
-200.00	-11.00	0.00010	-200.00	-13.00	0.00010
-200.00	-15.00	0.00010	-200.00	-17.00	0.00010

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 17:21:52
 **MODELOPTs:
 PAGE 26
 CONC URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00007	-170.00	90.00	0.00008
-170.00	80.00	0.00008	-170.00	70.00	0.00009
-170.00	60.00	0.00009	-170.00	50.00	0.00009
-170.00	40.00	0.00010	-170.00	30.00	0.00010
-170.00	25.00	0.00010	-170.00	20.00	0.00011
-170.00	17.00	0.00011	-170.00	15.00	0.00011
-170.00	13.00	0.00011	-170.00	11.00	0.00011
-170.00	9.00	0.00011	-170.00	-9.00	0.00012
-170.00	-11.00	0.00012	-170.00	-13.00	0.00012
-170.00	-15.00	0.00012	-170.00	-17.00	0.00012
-170.00	-20.00	0.00012	-170.00	-25.00	0.00012
-170.00	-30.00	0.00013	-170.00	-40.00	0.00013
-170.00	-50.00	0.00014	-170.00	-60.00	0.00014
-170.00	-70.00	0.00015	-170.00	-80.00	0.00015
-170.00	-90.00	0.00016	-170.00	-100.00	0.00016
-160.00	100.00	0.00008	-160.00	90.00	0.00008
-160.00	80.00	0.00008	-160.00	70.00	0.00009
-160.00	60.00	0.00009	-160.00	50.00	0.00010
-160.00	40.00	0.00010	-160.00	30.00	0.00011
-160.00	25.00	0.00011	-160.00	20.00	0.00011
-160.00	17.00	0.00011	-160.00	15.00	0.00011
-160.00	13.00	0.00011	-160.00	11.00	0.00011
-160.00	9.00	0.00012	-160.00	-9.00	0.00012
-160.00	-11.00	0.00012	-160.00	-13.00	0.00013
-160.00	-15.00	0.00013	-160.00	-17.00	0.00013
-160.00	-20.00	0.00013	-160.00	-25.00	0.00013
-160.00	-30.00	0.00013	-160.00	-40.00	0.00014
-160.00	-50.00	0.00015	-160.00	-60.00	0.00015
-160.00	-70.00	0.00016	-160.00	-80.00	0.00016
-160.00	-90.00	0.00017	-160.00	-100.00	0.00017
-150.00	100.00	0.00008	-150.00	90.00	0.00008
-150.00	80.00	0.00009	-150.00	70.00	0.00009
-150.00	60.00	0.00010	-150.00	50.00	0.00010
-150.00	40.00	0.00011	-150.00	30.00	0.00011
-150.00	25.00	0.00011	-150.00	20.00	0.00012
-150.00	17.00	0.00012	-150.00	15.00	0.00012
-150.00	13.00	0.00012	-150.00	11.00	0.00012
-150.00	9.00	0.00012	-150.00	-9.00	0.00013
-150.00	-11.00	0.00013	-150.00	-13.00	0.00013
-150.00	-15.00	0.00013	-150.00	-17.00	0.00013

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTS:

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00014	-150.00	-25.00	0.00014
-150.00	-30.00	0.00014	-150.00	-40.00	0.00015
-150.00	-50.00	0.00016	-150.00	-60.00	0.00016
-150.00	-70.00	0.00017	-150.00	-80.00	0.00017
-150.00	-90.00	0.00018	-150.00	-100.00	0.00018
-140.00	100.00	0.00008	-140.00	90.00	0.00009
-140.00	80.00	0.00009	-140.00	70.00	0.00010
-140.00	60.00	0.00010	-140.00	50.00	0.00011
-140.00	40.00	0.00011	-140.00	30.00	0.00012
-140.00	25.00	0.00012	-140.00	20.00	0.00012
-140.00	17.00	0.00012	-140.00	15.00	0.00013
-140.00	13.00	0.00013	-140.00	11.00	0.00013
-140.00	9.00	0.00013	-140.00	-9.00	0.00014
-140.00	-11.00	0.00014	-140.00	-13.00	0.00014
-140.00	-15.00	0.00014	-140.00	-17.00	0.00014
-140.00	-20.00	0.00014	-140.00	-25.00	0.00015
-140.00	-30.00	0.00015	-140.00	-40.00	0.00016
-140.00	-50.00	0.00017	-140.00	-60.00	0.00017
-140.00	-70.00	0.00018	-140.00	-80.00	0.00018
-140.00	-90.00	0.00019	-140.00	-100.00	0.00019
-130.00	100.00	0.00008	-130.00	90.00	0.00009
-130.00	80.00	0.00010	-130.00	70.00	0.00010
-130.00	60.00	0.00011	-130.00	50.00	0.00011
-130.00	40.00	0.00012	-130.00	30.00	0.00012
-130.00	25.00	0.00013	-130.00	20.00	0.00013
-130.00	17.00	0.00013	-130.00	15.00	0.00013
-130.00	13.00	0.00013	-130.00	11.00	0.00013
-130.00	9.00	0.00014	-130.00	-9.00	0.00015
-130.00	-11.00	0.00015	-130.00	-13.00	0.00015
-130.00	-15.00	0.00015	-130.00	-17.00	0.00015
-130.00	-20.00	0.00015	-130.00	-25.00	0.00016
-130.00	-30.00	0.00016	-130.00	-40.00	0.00017
-130.00	-50.00	0.00018	-130.00	-60.00	0.00019
-130.00	-70.00	0.00019	-130.00	-80.00	0.00020
-130.00	-90.00	0.00020	-130.00	-100.00	0.00020
-120.00	100.00	0.00009	-120.00	90.00	0.00009
-120.00	80.00	0.00010	-120.00	70.00	0.00011

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-120.00	60.00	0.00011	-120.00	50.00	0.00012
-120.00	40.00	0.00013	-120.00	30.00	0.00013
-120.00	25.00	0.00014	-120.00	20.00	0.00014

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

PAGE 28

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00014	-120.00	15.00	0.00014
-120.00	13.00	0.00014	-120.00	11.00	0.00014
-120.00	9.00	0.00014	-120.00	-9.00	0.00016
-120.00	-11.00	0.00016	-120.00	-13.00	0.00016
-120.00	-15.00	0.00016	-120.00	-17.00	0.00016
-120.00	-20.00	0.00016	-120.00	-25.00	0.00017
-120.00	-30.00	0.00017	-120.00	-40.00	0.00018
-120.00	-50.00	0.00019	-120.00	-60.00	0.00020
-120.00	-70.00	0.00021	-120.00	-80.00	0.00021
-120.00	-90.00	0.00021	-120.00	-100.00	0.00021
-110.00	100.00	0.00009	-110.00	90.00	0.00010
-110.00	80.00	0.00011	-110.00	70.00	0.00011
-110.00	60.00	0.00012	-110.00	50.00	0.00013
-110.00	40.00	0.00013	-110.00	30.00	0.00014
-110.00	25.00	0.00014	-110.00	20.00	0.00015
-110.00	17.00	0.00015	-110.00	15.00	0.00015
-110.00	13.00	0.00015	-110.00	11.00	0.00015
-110.00	9.00	0.00015	-110.00	-9.00	0.00017
-110.00	-11.00	0.00017	-110.00	-13.00	0.00017
-110.00	-15.00	0.00017	-110.00	-17.00	0.00017
-110.00	-20.00	0.00018	-110.00	-25.00	0.00018
-110.00	-30.00	0.00019	-110.00	-40.00	0.00020
-110.00	-50.00	0.00021	-110.00	-60.00	0.00021
-110.00	-70.00	0.00022	-110.00	-80.00	0.00022
-110.00	-90.00	0.00023	-110.00	-100.00	0.00023
-100.00	100.00	0.00009	-100.00	90.00	0.00010
-100.00	80.00	0.00011	-100.00	70.00	0.00012
-100.00	60.00	0.00013	-100.00	50.00	0.00013
-100.00	40.00	0.00014	-100.00	30.00	0.00015
-100.00	25.00	0.00015	-100.00	20.00	0.00016
-100.00	17.00	0.00016	-100.00	15.00	0.00016

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

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

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

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

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

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

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00023	-70.00	-25.00	0.00024
-70.00	-30.00	0.00025	-70.00	-40.00	0.00027
-70.00	-50.00	0.00028	-70.00	-60.00	0.00029
-70.00	-70.00	0.00030	-70.00	-80.00	0.00030
-70.00	-90.00	0.00030	-70.00	-100.00	0.00030
-60.00	100.00	0.00011	-60.00	90.00	0.00012
-60.00	80.00	0.00013	-60.00	70.00	0.00014
-60.00	60.00	0.00016	-60.00	50.00	0.00017
-60.00	40.00	0.00018	-60.00	30.00	0.00019
-60.00	25.00	0.00020	-60.00	20.00	0.00020
-60.00	17.00	0.00021	-60.00	15.00	0.00021
-60.00	13.00	0.00021	-60.00	11.00	0.00021
-60.00	9.00	0.00022	-60.00	-9.00	0.00024
-60.00	-11.00	0.00024	-60.00	-13.00	0.00024
-60.00	-15.00	0.00025	-60.00	-17.00	0.00025
-60.00	-20.00	0.00025	-60.00	-25.00	0.00026
-60.00	-30.00	0.00027	-60.00	-40.00	0.00029
-60.00	-50.00	0.00030	-60.00	-60.00	0.00031
-60.00	-70.00	0.00032	-60.00	-80.00	0.00032

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

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

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

PAGE 31

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00024	-40.00	15.00	0.00024
-40.00	13.00	0.00025	-40.00	11.00	0.00025
-40.00	9.00	0.00025	-40.00	-9.00	0.00028
-40.00	-11.00	0.00028	-40.00	-13.00	0.00029
-40.00	-15.00	0.00029	-40.00	-17.00	0.00030
-40.00	-20.00	0.00030	-40.00	-25.00	0.00031
-40.00	-30.00	0.00033	-40.00	-40.00	0.00035
-40.00	-50.00	0.00036	-40.00	-60.00	0.00037
-40.00	-70.00	0.00038	-40.00	-80.00	0.00038
-40.00	-90.00	0.00038	-40.00	-100.00	0.00038
-30.00	100.00	0.00013	-30.00	90.00	0.00014
-30.00	80.00	0.00015	-30.00	70.00	0.00017
-30.00	60.00	0.00019	-30.00	50.00	0.00020

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-30.00	40.00	0.00022	-30.00	30.00	0.00024
-30.00	25.00	0.00025	-30.00	20.00	0.00026
-30.00	17.00	0.00026	-30.00	15.00	0.00026
-30.00	13.00	0.00027	-30.00	11.00	0.00027
-30.00	9.00	0.00027	-30.00	-9.00	0.00031
-30.00	-11.00	0.00031	-30.00	-13.00	0.00032
-30.00	-15.00	0.00032	-30.00	-17.00	0.00033
-30.00	-20.00	0.00033	-30.00	-25.00	0.00035
-30.00	-30.00	0.00036	-30.00	-40.00	0.00038
-30.00	-50.00	0.00040	-30.00	-60.00	0.00041
-30.00	-70.00	0.00041	-30.00	-80.00	0.00041
-30.00	-90.00	0.00041	-30.00	-100.00	0.00041
-20.00	100.00	0.00013	-20.00	90.00	0.00014
-20.00	80.00	0.00016	-20.00	70.00	0.00018
-20.00	60.00	0.00020	-20.00	50.00	0.00022
-20.00	40.00	0.00024	-20.00	30.00	0.00026
-20.00	25.00	0.00027	-20.00	20.00	0.00028
-20.00	17.00	0.00028	-20.00	15.00	0.00029
-20.00	13.00	0.00029	-20.00	11.00	0.00030
-20.00	9.00	0.00030	-20.00	-9.00	0.00034
-20.00	-11.00	0.00034	-20.00	-13.00	0.00035
-20.00	-15.00	0.00035	-20.00	-17.00	0.00036
-20.00	-20.00	0.00037	-20.00	-25.00	0.00038
-20.00	-30.00	0.00040	-20.00	-40.00	0.00042
-20.00	-50.00	0.00044	-20.00	-60.00	0.00045
-20.00	-70.00	0.00045	-20.00	-80.00	0.00045
-20.00	-90.00	0.00045	-20.00	-100.00	0.00044

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

17:21:52
 **MODELOPTs:
 PAGE 32

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00014	-10.00	90.00	0.00015
-10.00	80.00	0.00017	-10.00	70.00	0.00019
-10.00	60.00	0.00021	-10.00	50.00	0.00023
-10.00	40.00	0.00026	-10.00	30.00	0.00028
-10.00	25.00	0.00029	-10.00	20.00	0.00030
-10.00	17.00	0.00031	-10.00	15.00	0.00031
-10.00	13.00	0.00032	-10.00	11.00	0.00032

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-10.00	9.00	0.00033	-10.00	-9.00	0.00037
-10.00	-11.00	0.00038	-10.00	-13.00	0.00039
-10.00	-15.00	0.00039	-10.00	-17.00	0.00040
-10.00	-20.00	0.00041	-10.00	-25.00	0.00043
-10.00	-30.00	0.00044	-10.00	-40.00	0.00047
-10.00	-50.00	0.00049	-10.00	-60.00	0.00050
-10.00	-70.00	0.00050	-10.00	-80.00	0.00049
-10.00	-90.00	0.00049	-10.00	-100.00	0.00048
0.00	100.00	0.00015	0.00	90.00	0.00016
0.00	80.00	0.00018	0.00	70.00	0.00020
0.00	60.00	0.00022	0.00	50.00	0.00025
0.00	40.00	0.00028	0.00	30.00	0.00030
0.00	25.00	0.00032	0.00	20.00	0.00033
0.00	17.00	0.00034	0.00	15.00	0.00035
0.00	13.00	0.00035	0.00	11.00	0.00036
0.00	9.00	0.00036	0.00	-9.00	0.00041
0.00	-11.00	0.00042	0.00	-13.00	0.00043
0.00	-15.00	0.00044	0.00	-17.00	0.00044
0.00	-20.00	0.00046	0.00	-25.00	0.00048
0.00	-30.00	0.00049	0.00	-40.00	0.00052
0.00	-50.00	0.00054	0.00	-60.00	0.00055
0.00	-70.00	0.00055	0.00	-80.00	0.00054
0.00	-90.00	0.00053	0.00	-100.00	0.00052
10.00	100.00	0.00016	10.00	90.00	0.00017
10.00	80.00	0.00019	10.00	70.00	0.00021
10.00	60.00	0.00024	10.00	50.00	0.00027
10.00	40.00	0.00030	10.00	30.00	0.00033
10.00	25.00	0.00035	10.00	20.00	0.00037
10.00	17.00	0.00038	10.00	15.00	0.00038
10.00	13.00	0.00039	10.00	11.00	0.00039
10.00	9.00	0.00040	10.00	-9.00	0.00046
10.00	-11.00	0.00047	10.00	-13.00	0.00048
10.00	-15.00	0.00049	10.00	-17.00	0.00050

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

17:21:52
 **MODELOPTs:
 PAGE 33
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00051	10.00	-25.00	0.00054

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

10.00	-30.00	0.00056	10.00	-40.00	0.00059
10.00	-50.00	0.00061	10.00	-60.00	0.00061
10.00	-70.00	0.00061	10.00	-80.00	0.00060
10.00	-90.00	0.00059	10.00	-100.00	0.00057
20.00	100.00	0.00017	20.00	90.00	0.00018
20.00	80.00	0.00020	20.00	70.00	0.00022
20.00	60.00	0.00025	20.00	50.00	0.00029
20.00	40.00	0.00032	20.00	30.00	0.00036
20.00	25.00	0.00038	20.00	20.00	0.00040
20.00	17.00	0.00041	20.00	15.00	0.00042
20.00	13.00	0.00043	20.00	11.00	0.00044
20.00	9.00	0.00044	20.00	-9.00	0.00052
20.00	-11.00	0.00053	20.00	-13.00	0.00054
20.00	-15.00	0.00055	20.00	-17.00	0.00056
20.00	-20.00	0.00058	20.00	-25.00	0.00061
20.00	-30.00	0.00063	20.00	-40.00	0.00067
20.00	-50.00	0.00068	20.00	-60.00	0.00068
20.00	-70.00	0.00068	20.00	-80.00	0.00066
20.00	-90.00	0.00065	20.00	-100.00	0.00063
30.00	100.00	0.00019	30.00	90.00	0.00020
30.00	80.00	0.00022	30.00	70.00	0.00024
30.00	60.00	0.00027	30.00	50.00	0.00031
30.00	40.00	0.00035	30.00	30.00	0.00040
30.00	25.00	0.00042	30.00	20.00	0.00045
30.00	17.00	0.00046	30.00	15.00	0.00047
30.00	13.00	0.00048	30.00	11.00	0.00049
30.00	9.00	0.00050	30.00	-9.00	0.00059
30.00	-11.00	0.00060	30.00	-13.00	0.00062
30.00	-15.00	0.00063	30.00	-17.00	0.00064
30.00	-20.00	0.00066	30.00	-25.00	0.00070
30.00	-30.00	0.00072	30.00	-40.00	0.00076
30.00	-50.00	0.00077	30.00	-60.00	0.00077
30.00	-70.00	0.00075	30.00	-80.00	0.00074
30.00	-90.00	0.00071	30.00	-100.00	0.00069
40.00	100.00	0.00021	40.00	90.00	0.00022
40.00	80.00	0.00023	40.00	70.00	0.00026
40.00	60.00	0.00029	40.00	50.00	0.00033
40.00	40.00	0.00038	40.00	30.00	0.00044
40.00	25.00	0.00047	40.00	20.00	0.00050

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00052	40.00	15.00	0.00053
40.00	13.00	0.00054	40.00	11.00	0.00055
40.00	9.00	0.00056	40.00	-9.00	0.00068
40.00	-11.00	0.00069	40.00	-13.00	0.00071
40.00	-15.00	0.00072	40.00	-17.00	0.00074
40.00	-20.00	0.00077	40.00	-25.00	0.00080
40.00	-30.00	0.00083	40.00	-40.00	0.00086
40.00	-50.00	0.00087	40.00	-60.00	0.00086
40.00	-70.00	0.00085	40.00	-80.00	0.00082
40.00	-90.00	0.00079	40.00	-100.00	0.00075
50.00	100.00	0.00023	50.00	90.00	0.00024
50.00	80.00	0.00026	50.00	70.00	0.00028
50.00	60.00	0.00031	50.00	50.00	0.00035
50.00	40.00	0.00041	50.00	30.00	0.00048
50.00	25.00	0.00052	50.00	20.00	0.00056
50.00	17.00	0.00058	50.00	15.00	0.00059
50.00	13.00	0.00061	50.00	11.00	0.00062
50.00	9.00	0.00064	50.00	-9.00	0.00078
50.00	-11.00	0.00080	50.00	-13.00	0.00082
50.00	-15.00	0.00084	50.00	-17.00	0.00086
50.00	-20.00	0.00089	50.00	-25.00	0.00093
50.00	-30.00	0.00096	50.00	-40.00	0.00099
50.00	-50.00	0.00100	50.00	-60.00	0.00098
50.00	-70.00	0.00095	50.00	-80.00	0.00092
50.00	-90.00	0.00087	50.00	-100.00	0.00083
60.00	100.00	0.00026	60.00	90.00	0.00027
60.00	80.00	0.00029	60.00	70.00	0.00031
60.00	60.00	0.00034	60.00	50.00	0.00038
60.00	40.00	0.00045	60.00	30.00	0.00053
60.00	25.00	0.00058	60.00	20.00	0.00063
60.00	17.00	0.00065	60.00	15.00	0.00067
60.00	13.00	0.00069	60.00	11.00	0.00071
60.00	9.00	0.00073	60.00	-9.00	0.00091
60.00	-11.00	0.00094	60.00	-13.00	0.00096
60.00	-15.00	0.00099	60.00	-17.00	0.00101
60.00	-20.00	0.00105	60.00	-25.00	0.00109
60.00	-30.00	0.00113	60.00	-40.00	0.00115
60.00	-50.00	0.00114	60.00	-60.00	0.00112
60.00	-70.00	0.00108	60.00	-80.00	0.00102

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

60.00 -90.00 0.00096 60.00 -100.00 0.00090

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

17:21:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00030	70.00	90.00	0.00032
70.00	80.00	0.00033	70.00	70.00	0.00035
70.00	60.00	0.00038	70.00	50.00	0.00042
70.00	40.00	0.00049	70.00	30.00	0.00059
70.00	25.00	0.00064	70.00	20.00	0.00070
70.00	17.00	0.00074	70.00	15.00	0.00076
70.00	13.00	0.00079	70.00	11.00	0.00081
70.00	9.00	0.00084	70.00	-9.00	0.00108
70.00	-11.00	0.00111	70.00	-13.00	0.00115
70.00	-15.00	0.00118	70.00	-17.00	0.00121
70.00	-20.00	0.00125	70.00	-25.00	0.00130
70.00	-30.00	0.00133	70.00	-40.00	0.00134
70.00	-50.00	0.00132	70.00	-60.00	0.00128
70.00	-70.00	0.00121	70.00	-80.00	0.00114
70.00	-90.00	0.00105	70.00	-100.00	0.00097
80.00	100.00	0.00036	80.00	90.00	0.00037
80.00	80.00	0.00038	80.00	70.00	0.00040
80.00	60.00	0.00043	80.00	50.00	0.00047
80.00	40.00	0.00054	80.00	30.00	0.00065
80.00	25.00	0.00072	80.00	20.00	0.00079
80.00	17.00	0.00084	80.00	15.00	0.00087
80.00	13.00	0.00090	80.00	11.00	0.00093
80.00	9.00	0.00097	80.00	-9.00	0.00129
80.00	-11.00	0.00134	80.00	-13.00	0.00138
80.00	-15.00	0.00142	80.00	-17.00	0.00146
80.00	-20.00	0.00150	80.00	-25.00	0.00155
80.00	-30.00	0.00158	80.00	-40.00	0.00158
80.00	-50.00	0.00153	80.00	-60.00	0.00146
80.00	-70.00	0.00136	80.00	-80.00	0.00125
80.00	-90.00	0.00114	80.00	-100.00	0.00104
90.00	100.00	0.00043	90.00	90.00	0.00044
90.00	80.00	0.00046	90.00	70.00	0.00047
90.00	60.00	0.00050	90.00	50.00	0.00054

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

90.00	40.00	0.00060	90.00	30.00	0.00071
90.00	25.00	0.00079	90.00	20.00	0.00089
90.00	17.00	0.00095	90.00	15.00	0.00099
90.00	13.00	0.00104	90.00	11.00	0.00108
90.00	9.00	0.00112	90.00	-9.00	0.00158
90.00	-11.00	0.00164	90.00	-13.00	0.00169
90.00	-15.00	0.00174	90.00	-17.00	0.00178

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

17:21:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00182	90.00	-25.00	0.00187
90.00	-30.00	0.00189	90.00	-40.00	0.00186
90.00	-50.00	0.00178	90.00	-60.00	0.00166
90.00	-70.00	0.00151	90.00	-80.00	0.00137
90.00	-90.00	0.00123	90.00	-100.00	0.00111
100.00	100.00	0.00053	100.00	90.00	0.00055
100.00	80.00	0.00057	100.00	70.00	0.00059
100.00	60.00	0.00061	100.00	50.00	0.00064
100.00	40.00	0.00069	100.00	30.00	0.00080
100.00	25.00	0.00088	100.00	20.00	0.00099
100.00	17.00	0.00107	100.00	15.00	0.00113
100.00	13.00	0.00119	100.00	11.00	0.00125
100.00	9.00	0.00131	100.00	-9.00	0.00195
100.00	-11.00	0.00203	100.00	-13.00	0.00209
100.00	-15.00	0.00215	100.00	-17.00	0.00219
100.00	-20.00	0.00224	100.00	-25.00	0.00227
100.00	-30.00	0.00228	100.00	-40.00	0.00220
100.00	-50.00	0.00204	100.00	-60.00	0.00185
100.00	-70.00	0.00166	100.00	-80.00	0.00149
100.00	-90.00	0.00133	100.00	-100.00	0.00118
110.00	100.00	0.00067	110.00	90.00	0.00070
110.00	80.00	0.00073	110.00	70.00	0.00076
110.00	60.00	0.00078	110.00	50.00	0.00081
110.00	40.00	0.00085	110.00	30.00	0.00093
110.00	25.00	0.00101	110.00	20.00	0.00111
110.00	17.00	0.00120	110.00	15.00	0.00127
110.00	13.00	0.00134	110.00	11.00	0.00142

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

110.00	9.00	0.00151	110.00	-9.00	0.00246
110.00	-11.00	0.00255	110.00	-13.00	0.00263
110.00	-15.00	0.00268	110.00	-17.00	0.00272
110.00	-20.00	0.00276	110.00	-25.00	0.00278
110.00	-30.00	0.00274	110.00	-40.00	0.00255
110.00	-50.00	0.00231	110.00	-60.00	0.00206
110.00	-70.00	0.00182	110.00	-80.00	0.00161
110.00	-90.00	0.00142	110.00	-100.00	0.00125
120.00	100.00	0.00085	120.00	90.00	0.00091
120.00	80.00	0.00097	120.00	70.00	0.00103
120.00	60.00	0.00109	120.00	50.00	0.00113
120.00	40.00	0.00117	120.00	30.00	0.00121
120.00	25.00	0.00125	120.00	20.00	0.00131

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00138	120.00	15.00	0.00145
120.00	13.00	0.00153	120.00	11.00	0.00162
120.00	9.00	0.00173	120.00	-9.00	0.00318
120.00	-11.00	0.00327	120.00	-13.00	0.00334
120.00	-15.00	0.00338	120.00	-17.00	0.00340
120.00	-20.00	0.00340	120.00	-25.00	0.00334
120.00	-30.00	0.00322	120.00	-40.00	0.00292
120.00	-50.00	0.00259	120.00	-60.00	0.00227
120.00	-70.00	0.00198	120.00	-80.00	0.00172
120.00	-90.00	0.00150	120.00	-100.00	0.00131
130.00	100.00	0.00107	130.00	90.00	0.00117
130.00	80.00	0.00128	130.00	70.00	0.00141
130.00	60.00	0.00154	130.00	50.00	0.00168
130.00	40.00	0.00182	130.00	30.00	0.00194
130.00	25.00	0.00198	130.00	20.00	0.00201
130.00	17.00	0.00202	130.00	15.00	0.00203
130.00	13.00	0.00204	130.00	11.00	0.00208
130.00	9.00	0.00215	130.00	-9.00	0.00426
130.00	-11.00	0.00427	130.00	-13.00	0.00425
130.00	-15.00	0.00422	130.00	-17.00	0.00418
130.00	-20.00	0.00410	130.00	-25.00	0.00392

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

130.00	-30.00	0.00372	130.00	-40.00	0.00329
130.00	-50.00	0.00285	130.00	-60.00	0.00245
130.00	-70.00	0.00211	130.00	-80.00	0.00181
130.00	-90.00	0.00156	130.00	-100.00	0.00135
140.00	100.00	0.00128	140.00	90.00	0.00142
140.00	80.00	0.00159	140.00	70.00	0.00180
140.00	60.00	0.00203	140.00	50.00	0.00231
140.00	40.00	0.00264	140.00	30.00	0.00303
140.00	25.00	0.00325	140.00	20.00	0.00351
140.00	17.00	0.00367	140.00	15.00	0.00379
140.00	13.00	0.00393	140.00	11.00	0.00409
140.00	9.00	0.00431	140.00	-9.00	0.00533
140.00	-11.00	0.00519	140.00	-13.00	0.00506
140.00	-15.00	0.00494	140.00	-17.00	0.00483
140.00	-20.00	0.00466	140.00	-25.00	0.00438
140.00	-30.00	0.00410	140.00	-40.00	0.00354
140.00	-50.00	0.00302	140.00	-60.00	0.00257
140.00	-70.00	0.00218	140.00	-80.00	0.00185
140.00	-90.00	0.00158	140.00	-100.00	0.00136

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00146	150.00	90.00	0.00164
150.00	80.00	0.00186	150.00	70.00	0.00212
150.00	60.00	0.00243	150.00	50.00	0.00280
150.00	40.00	0.00324	150.00	30.00	0.00377
150.00	25.00	0.00407	150.00	20.00	0.00442
150.00	17.00	0.00464	150.00	15.00	0.00479
150.00	13.00	0.00494	150.00	11.00	0.00510
150.00	9.00	0.00528	150.00	-9.00	0.00549
150.00	-11.00	0.00534	150.00	-13.00	0.00521
150.00	-15.00	0.00510	150.00	-17.00	0.00499
150.00	-20.00	0.00482	150.00	-25.00	0.00452
150.00	-30.00	0.00422	150.00	-40.00	0.00362
150.00	-50.00	0.00307	150.00	-60.00	0.00258
150.00	-70.00	0.00217	150.00	-80.00	0.00183
150.00	-90.00	0.00156	150.00	-100.00	0.00134

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

160.00	100.00	0.00160	160.00	90.00	0.00181
160.00	80.00	0.00206	160.00	70.00	0.00236
160.00	60.00	0.00271	160.00	50.00	0.00314
160.00	40.00	0.00364	160.00	30.00	0.00424
160.00	25.00	0.00457	160.00	20.00	0.00491
160.00	17.00	0.00512	160.00	15.00	0.00525
160.00	13.00	0.00537	160.00	11.00	0.00550
160.00	9.00	0.00565	160.00	-9.00	0.00546
160.00	-11.00	0.00529	160.00	-13.00	0.00516
160.00	-15.00	0.00504	160.00	-17.00	0.00492
160.00	-20.00	0.00474	160.00	-25.00	0.00445
160.00	-30.00	0.00415	160.00	-40.00	0.00356
160.00	-50.00	0.00300	160.00	-60.00	0.00251
160.00	-70.00	0.00210	160.00	-80.00	0.00177
160.00	-90.00	0.00151	160.00	-100.00	0.00130
170.00	100.00	0.00169	170.00	90.00	0.00192
170.00	80.00	0.00219	170.00	70.00	0.00252
170.00	60.00	0.00291	170.00	50.00	0.00338
170.00	40.00	0.00392	170.00	30.00	0.00452
170.00	25.00	0.00484	170.00	20.00	0.00515
170.00	17.00	0.00533	170.00	15.00	0.00544
170.00	13.00	0.00555	170.00	11.00	0.00565
170.00	9.00	0.00577	170.00	-9.00	0.00532
170.00	-11.00	0.00514	170.00	-13.00	0.00499
170.00	-15.00	0.00485	170.00	-17.00	0.00473

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

17:21:52
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00455	170.00	-25.00	0.00425
170.00	-30.00	0.00396	170.00	-40.00	0.00337
170.00	-50.00	0.00283	170.00	-60.00	0.00237
170.00	-70.00	0.00199	170.00	-80.00	0.00168
170.00	-90.00	0.00144	170.00	-100.00	0.00124
180.00	100.00	0.00174	180.00	90.00	0.00198
180.00	80.00	0.00227	180.00	70.00	0.00262
180.00	60.00	0.00303	180.00	50.00	0.00352
180.00	40.00	0.00407	180.00	30.00	0.00467

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

180.00	25.00	0.00497	180.00	20.00	0.00525
180.00	17.00	0.00540	180.00	15.00	0.00549
180.00	13.00	0.00558	180.00	11.00	0.00567
180.00	9.00	0.00577	180.00	-9.00	0.00509
180.00	-11.00	0.00488	180.00	-13.00	0.00471
180.00	-15.00	0.00456	180.00	-17.00	0.00443
180.00	-20.00	0.00424	180.00	-25.00	0.00394
180.00	-30.00	0.00365	180.00	-40.00	0.00309
180.00	-50.00	0.00259	180.00	-60.00	0.00217
180.00	-70.00	0.00183	180.00	-80.00	0.00156
180.00	-90.00	0.00133	180.00	-100.00	0.00115
190.00	100.00	0.00173	190.00	90.00	0.00198
190.00	80.00	0.00228	190.00	70.00	0.00264
190.00	60.00	0.00307	190.00	50.00	0.00357
190.00	40.00	0.00413	190.00	30.00	0.00471
190.00	25.00	0.00500	190.00	20.00	0.00525
190.00	17.00	0.00538	190.00	15.00	0.00546
190.00	13.00	0.00553	190.00	11.00	0.00559
190.00	9.00	0.00566	190.00	-9.00	0.00472
190.00	-11.00	0.00449	190.00	-13.00	0.00431
190.00	-15.00	0.00415	190.00	-17.00	0.00400
190.00	-20.00	0.00381	190.00	-25.00	0.00351
190.00	-30.00	0.00323	190.00	-40.00	0.00272
190.00	-50.00	0.00229	190.00	-60.00	0.00194
190.00	-70.00	0.00165	190.00	-80.00	0.00141
190.00	-90.00	0.00121	190.00	-100.00	0.00104
200.00	100.00	0.00167	200.00	90.00	0.00192
200.00	80.00	0.00222	200.00	70.00	0.00258
200.00	60.00	0.00300	200.00	50.00	0.00350
200.00	40.00	0.00406	200.00	30.00	0.00466
200.00	25.00	0.00494	200.00	20.00	0.00519

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00531	200.00	15.00	0.00537
200.00	13.00	0.00542	200.00	11.00	0.00545
200.00	9.00	0.00550	200.00	-9.00	0.00420

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

200.00	-11.00	0.00395	200.00	-13.00	0.00375
200.00	-15.00	0.00358	200.00	-17.00	0.00344
200.00	-20.00	0.00324	200.00	-25.00	0.00296
200.00	-30.00	0.00271	200.00	-40.00	0.00230
200.00	-50.00	0.00196	200.00	-60.00	0.00167
200.00	-70.00	0.00143	200.00	-80.00	0.00123
200.00	-90.00	0.00106	200.00	-100.00	0.00092
210.00	100.00	0.00155	210.00	90.00	0.00178
210.00	80.00	0.00205	210.00	70.00	0.00238
210.00	60.00	0.00277	210.00	50.00	0.00324
210.00	40.00	0.00380	210.00	30.00	0.00442
210.00	25.00	0.00474	210.00	20.00	0.00502
210.00	17.00	0.00515	210.00	15.00	0.00521
210.00	13.00	0.00525	210.00	11.00	0.00527
210.00	9.00	0.00528	210.00	-9.00	0.00345
210.00	-11.00	0.00318	210.00	-13.00	0.00298
210.00	-15.00	0.00282	210.00	-17.00	0.00269
210.00	-20.00	0.00253	210.00	-25.00	0.00232
210.00	-30.00	0.00214	210.00	-40.00	0.00184
210.00	-50.00	0.00159	210.00	-60.00	0.00137
210.00	-70.00	0.00118	210.00	-80.00	0.00103
210.00	-90.00	0.00090	210.00	-100.00	0.00080
220.00	100.00	0.00139	220.00	90.00	0.00157
220.00	80.00	0.00179	220.00	70.00	0.00205
220.00	60.00	0.00236	220.00	50.00	0.00273
220.00	40.00	0.00317	220.00	30.00	0.00370
220.00	25.00	0.00400	220.00	20.00	0.00432
220.00	17.00	0.00450	220.00	15.00	0.00461
220.00	13.00	0.00471	220.00	11.00	0.00479
220.00	9.00	0.00485	220.00	-9.00	0.00229
220.00	-11.00	0.00211	220.00	-13.00	0.00198
220.00	-15.00	0.00189	220.00	-17.00	0.00182
220.00	-20.00	0.00173	220.00	-25.00	0.00162
220.00	-30.00	0.00152	220.00	-40.00	0.00135
220.00	-50.00	0.00120	220.00	-60.00	0.00107
220.00	-70.00	0.00094	220.00	-80.00	0.00084
220.00	-90.00	0.00075	220.00	-100.00	0.00067

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
 PAGE 41

CONC URBAN FLAT FLGPOL DFAULT

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

08NCRA_NAPA97-300 DPM TRAV ANN E-W Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00120	230.00	90.00	0.00135
230.00	80.00	0.00151	230.00	70.00	0.00169
230.00	60.00	0.00190	230.00	50.00	0.00212
230.00	40.00	0.00236	230.00	30.00	0.00260
230.00	25.00	0.00271	230.00	20.00	0.00279
230.00	17.00	0.00281	230.00	15.00	0.00280
230.00	13.00	0.00278	230.00	11.00	0.00272
230.00	9.00	0.00262	230.00	-9.00	0.00111
230.00	-11.00	0.00108	230.00	-13.00	0.00106
230.00	-15.00	0.00104	230.00	-17.00	0.00103
230.00	-20.00	0.00102	230.00	-25.00	0.00101
230.00	-30.00	0.00099	230.00	-40.00	0.00094
230.00	-50.00	0.00088	230.00	-60.00	0.00081
230.00	-70.00	0.00074	230.00	-80.00	0.00067
230.00	-90.00	0.00061	230.00	-100.00	0.00056
240.00	100.00	0.00103	240.00	90.00	0.00114
240.00	80.00	0.00125	240.00	70.00	0.00137
240.00	60.00	0.00150	240.00	50.00	0.00163
240.00	40.00	0.00175	240.00	30.00	0.00183
240.00	25.00	0.00184	240.00	20.00	0.00182
240.00	17.00	0.00178	240.00	15.00	0.00174
240.00	13.00	0.00169	240.00	11.00	0.00164
240.00	9.00	0.00157	240.00	-9.00	0.00081
240.00	-11.00	0.00077	240.00	-13.00	0.00074
240.00	-15.00	0.00072	240.00	-17.00	0.00070
240.00	-20.00	0.00069	240.00	-25.00	0.00068
240.00	-30.00	0.00068	240.00	-40.00	0.00067
240.00	-50.00	0.00065	240.00	-60.00	0.00062
240.00	-70.00	0.00058	240.00	-80.00	0.00054
240.00	-90.00	0.00050	240.00	-100.00	0.00046
250.00	100.00	0.00089	250.00	90.00	0.00096
250.00	80.00	0.00104	250.00	70.00	0.00112
250.00	60.00	0.00120	250.00	50.00	0.00128
250.00	40.00	0.00132	250.00	30.00	0.00131
250.00	25.00	0.00129	250.00	20.00	0.00125
250.00	17.00	0.00121	250.00	15.00	0.00118
250.00	13.00	0.00115	250.00	11.00	0.00112
250.00	9.00	0.00108	250.00	-9.00	0.00065
250.00	-11.00	0.00061	250.00	-13.00	0.00059
250.00	-15.00	0.00056	250.00	-17.00	0.00055

04/20/08

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00053	250.00	-25.00	0.00051
250.00	-30.00	0.00050	250.00	-40.00	0.00050
250.00	-50.00	0.00049	250.00	-60.00	0.00048
250.00	-70.00	0.00046	250.00	-80.00	0.00044
250.00	-90.00	0.00041	250.00	-100.00	0.00039

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00008	-250.00	90.00	0.00008
-250.00	80.00	0.00008	-250.00	70.00	0.00009
-250.00	60.00	0.00009	-250.00	50.00	0.00010
-250.00	40.00	0.00010	-250.00	30.00	0.00011
-250.00	25.00	0.00011	-250.00	20.00	0.00011
-250.00	17.00	0.00011	-250.00	15.00	0.00011
-250.00	13.00	0.00011	-250.00	11.00	0.00011
-250.00	9.00	0.00012	-250.00	-9.00	0.00012
-250.00	-11.00	0.00012	-250.00	-13.00	0.00013
-250.00	-15.00	0.00013	-250.00	-17.00	0.00013
-250.00	-20.00	0.00013	-250.00	-25.00	0.00013
-250.00	-30.00	0.00013	-250.00	-40.00	0.00014
-250.00	-50.00	0.00015	-250.00	-60.00	0.00015
-250.00	-70.00	0.00016	-250.00	-80.00	0.00016
-250.00	-90.00	0.00017	-250.00	-100.00	0.00017
-240.00	100.00	0.00008	-240.00	90.00	0.00008
-240.00	80.00	0.00009	-240.00	70.00	0.00009
-240.00	60.00	0.00010	-240.00	50.00	0.00010
-240.00	40.00	0.00011	-240.00	30.00	0.00011
-240.00	25.00	0.00011	-240.00	20.00	0.00012

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-240.00	17.00	0.00012	-240.00	15.00	0.00012
-240.00	13.00	0.00012	-240.00	11.00	0.00012
-240.00	9.00	0.00012	-240.00	-9.00	0.00013
-240.00	-11.00	0.00013	-240.00	-13.00	0.00013
-240.00	-15.00	0.00013	-240.00	-17.00	0.00013
-240.00	-20.00	0.00014	-240.00	-25.00	0.00014
-240.00	-30.00	0.00014	-240.00	-40.00	0.00015
-240.00	-50.00	0.00016	-240.00	-60.00	0.00016
-240.00	-70.00	0.00017	-240.00	-80.00	0.00017
-240.00	-90.00	0.00018	-240.00	-100.00	0.00018
-230.00	100.00	0.00008	-230.00	90.00	0.00009
-230.00	80.00	0.00009	-230.00	70.00	0.00010
-230.00	60.00	0.00010	-230.00	50.00	0.00011
-230.00	40.00	0.00011	-230.00	30.00	0.00012
-230.00	25.00	0.00012	-230.00	20.00	0.00012
-230.00	17.00	0.00012	-230.00	15.00	0.00013
-230.00	13.00	0.00013	-230.00	11.00	0.00013
-230.00	9.00	0.00013	-230.00	-9.00	0.00014
-230.00	-11.00	0.00014	-230.00	-13.00	0.00014
-230.00	-15.00	0.00014	-230.00	-17.00	0.00014

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

17:21:52
 **MODELOPTS:
 PAGE 44
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00014	-230.00	-25.00	0.00015
-230.00	-30.00	0.00015	-230.00	-40.00	0.00016
-230.00	-50.00	0.00017	-230.00	-60.00	0.00017
-230.00	-70.00	0.00018	-230.00	-80.00	0.00018
-230.00	-90.00	0.00019	-230.00	-100.00	0.00019
-220.00	100.00	0.00008	-220.00	90.00	0.00009
-220.00	80.00	0.00010	-220.00	70.00	0.00010
-220.00	60.00	0.00011	-220.00	50.00	0.00011
-220.00	40.00	0.00012	-220.00	30.00	0.00012
-220.00	25.00	0.00013	-220.00	20.00	0.00013
-220.00	17.00	0.00013	-220.00	15.00	0.00013
-220.00	13.00	0.00013	-220.00	11.00	0.00013
-220.00	9.00	0.00014	-220.00	-9.00	0.00015
-220.00	-11.00	0.00015	-220.00	-13.00	0.00015

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-220.00	-15.00	0.00015	-220.00	-17.00	0.00015
-220.00	-20.00	0.00015	-220.00	-25.00	0.00016
-220.00	-30.00	0.00016	-220.00	-40.00	0.00017
-220.00	-50.00	0.00018	-220.00	-60.00	0.00019
-220.00	-70.00	0.00019	-220.00	-80.00	0.00020
-220.00	-90.00	0.00020	-220.00	-100.00	0.00020
-210.00	100.00	0.00009	-210.00	90.00	0.00009
-210.00	80.00	0.00010	-210.00	70.00	0.00011
-210.00	60.00	0.00011	-210.00	50.00	0.00012
-210.00	40.00	0.00013	-210.00	30.00	0.00013
-210.00	25.00	0.00014	-210.00	20.00	0.00014
-210.00	17.00	0.00014	-210.00	15.00	0.00014
-210.00	13.00	0.00014	-210.00	11.00	0.00014
-210.00	9.00	0.00014	-210.00	-9.00	0.00016
-210.00	-11.00	0.00016	-210.00	-13.00	0.00016
-210.00	-15.00	0.00016	-210.00	-17.00	0.00016
-210.00	-20.00	0.00016	-210.00	-25.00	0.00017
-210.00	-30.00	0.00017	-210.00	-40.00	0.00018
-210.00	-50.00	0.00019	-210.00	-60.00	0.00020
-210.00	-70.00	0.00021	-210.00	-80.00	0.00021
-210.00	-90.00	0.00021	-210.00	-100.00	0.00021
-200.00	100.00	0.00009	-200.00	90.00	0.00010
-200.00	80.00	0.00011	-200.00	70.00	0.00011
-200.00	60.00	0.00012	-200.00	50.00	0.00013
-200.00	40.00	0.00013	-200.00	30.00	0.00014
-200.00	25.00	0.00014	-200.00	20.00	0.00015

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00015	-200.00	15.00	0.00015
-200.00	13.00	0.00015	-200.00	11.00	0.00015
-200.00	9.00	0.00015	-200.00	-9.00	0.00017
-200.00	-11.00	0.00017	-200.00	-13.00	0.00017
-200.00	-15.00	0.00017	-200.00	-17.00	0.00017
-200.00	-20.00	0.00018	-200.00	-25.00	0.00018
-200.00	-30.00	0.00019	-200.00	-40.00	0.00020
-200.00	-50.00	0.00021	-200.00	-60.00	0.00021

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-200.00	-70.00	0.00022	-200.00	-80.00	0.00022
-200.00	-90.00	0.00023	-200.00	-100.00	0.00023
-190.00	100.00	0.00009	-190.00	90.00	0.00010
-190.00	80.00	0.00011	-190.00	70.00	0.00012
-190.00	60.00	0.00013	-190.00	50.00	0.00013
-190.00	40.00	0.00014	-190.00	30.00	0.00015
-190.00	25.00	0.00015	-190.00	20.00	0.00016
-190.00	17.00	0.00016	-190.00	15.00	0.00016
-190.00	13.00	0.00016	-190.00	11.00	0.00016
-190.00	9.00	0.00016	-190.00	-9.00	0.00018
-190.00	-11.00	0.00018	-190.00	-13.00	0.00018
-190.00	-15.00	0.00018	-190.00	-17.00	0.00018
-190.00	-20.00	0.00019	-190.00	-25.00	0.00019
-190.00	-30.00	0.00020	-190.00	-40.00	0.00021
-190.00	-50.00	0.00022	-190.00	-60.00	0.00023
-190.00	-70.00	0.00024	-190.00	-80.00	0.00024
-190.00	-90.00	0.00024	-190.00	-100.00	0.00024
-180.00	100.00	0.00010	-180.00	90.00	0.00011
-180.00	80.00	0.00012	-180.00	70.00	0.00012
-180.00	60.00	0.00013	-180.00	50.00	0.00014
-180.00	40.00	0.00015	-180.00	30.00	0.00016
-180.00	25.00	0.00016	-180.00	20.00	0.00017
-180.00	17.00	0.00017	-180.00	15.00	0.00017
-180.00	13.00	0.00017	-180.00	11.00	0.00017
-180.00	9.00	0.00017	-180.00	-9.00	0.00019
-180.00	-11.00	0.00019	-180.00	-13.00	0.00019
-180.00	-15.00	0.00020	-180.00	-17.00	0.00020
-180.00	-20.00	0.00020	-180.00	-25.00	0.00021
-180.00	-30.00	0.00021	-180.00	-40.00	0.00023
-180.00	-50.00	0.00024	-180.00	-60.00	0.00025
-180.00	-70.00	0.00025	-180.00	-80.00	0.00026
-180.00	-90.00	0.00026	-180.00	-100.00	0.00026

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTS:
 PAGE 46

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00010	-170.00	90.00	0.00011
-170.00	80.00	0.00012	-170.00	70.00	0.00013

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-170.00	60.00	0.00014	-170.00	50.00	0.00015
-170.00	40.00	0.00016	-170.00	30.00	0.00017
-170.00	25.00	0.00017	-170.00	20.00	0.00018
-170.00	17.00	0.00018	-170.00	15.00	0.00018
-170.00	13.00	0.00018	-170.00	11.00	0.00019
-170.00	9.00	0.00019	-170.00	-9.00	0.00020
-170.00	-11.00	0.00021	-170.00	-13.00	0.00021
-170.00	-15.00	0.00021	-170.00	-17.00	0.00021
-170.00	-20.00	0.00022	-170.00	-25.00	0.00022
-170.00	-30.00	0.00023	-170.00	-40.00	0.00024
-170.00	-50.00	0.00026	-170.00	-60.00	0.00027
-170.00	-70.00	0.00027	-170.00	-80.00	0.00028
-170.00	-90.00	0.00028	-170.00	-100.00	0.00028
-160.00	100.00	0.00011	-160.00	90.00	0.00012
-160.00	80.00	0.00013	-160.00	70.00	0.00014
-160.00	60.00	0.00015	-160.00	50.00	0.00016
-160.00	40.00	0.00017	-160.00	30.00	0.00018
-160.00	25.00	0.00018	-160.00	20.00	0.00019
-160.00	17.00	0.00019	-160.00	15.00	0.00019
-160.00	13.00	0.00020	-160.00	11.00	0.00020
-160.00	9.00	0.00020	-160.00	-9.00	0.00022
-160.00	-11.00	0.00022	-160.00	-13.00	0.00023
-160.00	-15.00	0.00023	-160.00	-17.00	0.00023
-160.00	-20.00	0.00023	-160.00	-25.00	0.00024
-160.00	-30.00	0.00025	-160.00	-40.00	0.00027
-160.00	-50.00	0.00028	-160.00	-60.00	0.00029
-160.00	-70.00	0.00030	-160.00	-80.00	0.00030
-160.00	-90.00	0.00030	-160.00	-100.00	0.00030
-150.00	100.00	0.00011	-150.00	90.00	0.00012
-150.00	80.00	0.00013	-150.00	70.00	0.00014
-150.00	60.00	0.00016	-150.00	50.00	0.00017
-150.00	40.00	0.00018	-150.00	30.00	0.00019
-150.00	25.00	0.00020	-150.00	20.00	0.00020
-150.00	17.00	0.00021	-150.00	15.00	0.00021
-150.00	13.00	0.00021	-150.00	11.00	0.00021
-150.00	9.00	0.00022	-150.00	-9.00	0.00024
-150.00	-11.00	0.00024	-150.00	-13.00	0.00024
-150.00	-15.00	0.00025	-150.00	-17.00	0.00025

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

08NCRA NAPA97-300_DPM_TRAV ANN E-W Bound
 INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-150.00	-20.00	0.00025	-150.00	-25.00	0.00026	
-150.00	-30.00	0.00027	-150.00	-40.00	0.00029	
-150.00	-50.00	0.00030	-150.00	-60.00	0.00031	
-150.00	-70.00	0.00032	-150.00	-80.00	0.00032	
-150.00	-90.00	0.00032	-150.00	-100.00	0.00032	
-140.00	100.00	0.00012	-140.00	90.00	0.00013	
-140.00	80.00	0.00014	-140.00	70.00	0.00015	
-140.00	60.00	0.00016	-140.00	50.00	0.00018	
-140.00	40.00	0.00019	-140.00	30.00	0.00021	
-140.00	25.00	0.00021	-140.00	20.00	0.00022	
-140.00	17.00	0.00022	-140.00	15.00	0.00023	
-140.00	13.00	0.00023	-140.00	11.00	0.00023	
-140.00	9.00	0.00023	-140.00	-9.00	0.00026	
-140.00	-11.00	0.00026	-140.00	-13.00	0.00026	
-140.00	-15.00	0.00027	-140.00	-17.00	0.00027	
-140.00	-20.00	0.00028	-140.00	-25.00	0.00029	
-140.00	-30.00	0.00030	-140.00	-40.00	0.00032	
-140.00	-50.00	0.00033	-140.00	-60.00	0.00034	
-140.00	-70.00	0.00035	-140.00	-80.00	0.00035	
-140.00	-90.00	0.00035	-140.00	-100.00	0.00035	
-130.00	100.00	0.00012	-130.00	90.00	0.00013	
-130.00	80.00	0.00014	-130.00	70.00	0.00016	
-130.00	60.00	0.00017	-130.00	50.00	0.00019	
-130.00	40.00	0.00021	-130.00	30.00	0.00022	
-130.00	25.00	0.00023	-130.00	20.00	0.00024	
-130.00	17.00	0.00024	-130.00	15.00	0.00024	
-130.00	13.00	0.00025	-130.00	11.00	0.00025	
-130.00	9.00	0.00025	-130.00	-9.00	0.00028	
-130.00	-11.00	0.00028	-130.00	-13.00	0.00029	
-130.00	-15.00	0.00029	-130.00	-17.00	0.00030	
-130.00	-20.00	0.00030	-130.00	-25.00	0.00031	
-130.00	-30.00	0.00033	-130.00	-40.00	0.00035	
-130.00	-50.00	0.00036	-130.00	-60.00	0.00037	
-130.00	-70.00	0.00038	-130.00	-80.00	0.00038	
-130.00	-90.00	0.00038	-130.00	-100.00	0.00038	
-120.00	100.00	0.00013	-120.00	90.00	0.00014	
-120.00	80.00	0.00015	-120.00	70.00	0.00017	
-120.00	60.00	0.00019	-120.00	50.00	0.00020	
-120.00	40.00	0.00022	-120.00	30.00	0.00024	
-120.00	25.00	0.00025	-120.00	20.00	0.00026	

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

*** NCRA Cumulative DPM Impacts

17:21:52

**MODELOPTs:

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*** Maximum train overlap at East/West Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00026	-120.00	15.00	0.00026
-120.00	13.00	0.00027	-120.00	11.00	0.00027
-120.00	9.00	0.00027	-120.00	-9.00	0.00031
-120.00	-11.00	0.00031	-120.00	-13.00	0.00032
-120.00	-15.00	0.00032	-120.00	-17.00	0.00033
-120.00	-20.00	0.00033	-120.00	-25.00	0.00035
-120.00	-30.00	0.00036	-120.00	-40.00	0.00038
-120.00	-50.00	0.00040	-120.00	-60.00	0.00041
-120.00	-70.00	0.00041	-120.00	-80.00	0.00041
-120.00	-90.00	0.00041	-120.00	-100.00	0.00041
-110.00	100.00	0.00013	-110.00	90.00	0.00014
-110.00	80.00	0.00016	-110.00	70.00	0.00018
-110.00	60.00	0.00020	-110.00	50.00	0.00022
-110.00	40.00	0.00024	-110.00	30.00	0.00026
-110.00	25.00	0.00027	-110.00	20.00	0.00028
-110.00	17.00	0.00028	-110.00	15.00	0.00029
-110.00	13.00	0.00029	-110.00	11.00	0.00030
-110.00	9.00	0.00030	-110.00	-9.00	0.00034
-110.00	-11.00	0.00034	-110.00	-13.00	0.00035
-110.00	-15.00	0.00035	-110.00	-17.00	0.00036
-110.00	-20.00	0.00037	-110.00	-25.00	0.00038
-110.00	-30.00	0.00040	-110.00	-40.00	0.00042
-110.00	-50.00	0.00044	-110.00	-60.00	0.00045
-110.00	-70.00	0.00045	-110.00	-80.00	0.00045
-110.00	-90.00	0.00045	-110.00	-100.00	0.00044
-100.00	100.00	0.00014	-100.00	90.00	0.00015
-100.00	80.00	0.00017	-100.00	70.00	0.00019
-100.00	60.00	0.00021	-100.00	50.00	0.00023
-100.00	40.00	0.00026	-100.00	30.00	0.00028
-100.00	25.00	0.00029	-100.00	20.00	0.00030
-100.00	17.00	0.00031	-100.00	15.00	0.00031
-100.00	13.00	0.00032	-100.00	11.00	0.00032
-100.00	9.00	0.00033	-100.00	-9.00	0.00037
-100.00	-11.00	0.00038	-100.00	-13.00	0.00039

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-100.00	-15.00	0.00039	-100.00	-17.00	0.00040
-100.00	-20.00	0.00041	-100.00	-25.00	0.00043
-100.00	-30.00	0.00044	-100.00	-40.00	0.00047
-100.00	-50.00	0.00049	-100.00	-60.00	0.00050
-100.00	-70.00	0.00050	-100.00	-80.00	0.00049
-100.00	-90.00	0.00049	-100.00	-100.00	0.00048

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

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00015	-90.00	90.00	0.00016
-90.00	80.00	0.00018	-90.00	70.00	0.00020
-90.00	60.00	0.00022	-90.00	50.00	0.00025
-90.00	40.00	0.00028	-90.00	30.00	0.00030
-90.00	25.00	0.00032	-90.00	20.00	0.00033
-90.00	17.00	0.00034	-90.00	15.00	0.00035
-90.00	13.00	0.00035	-90.00	11.00	0.00036
-90.00	9.00	0.00036	-90.00	-9.00	0.00041
-90.00	-11.00	0.00042	-90.00	-13.00	0.00043
-90.00	-15.00	0.00044	-90.00	-17.00	0.00044
-90.00	-20.00	0.00046	-90.00	-25.00	0.00048
-90.00	-30.00	0.00049	-90.00	-40.00	0.00052
-90.00	-50.00	0.00054	-90.00	-60.00	0.00055
-90.00	-70.00	0.00055	-90.00	-80.00	0.00054
-90.00	-90.00	0.00053	-90.00	-100.00	0.00052
-80.00	100.00	0.00016	-80.00	90.00	0.00017
-80.00	80.00	0.00019	-80.00	70.00	0.00021
-80.00	60.00	0.00024	-80.00	50.00	0.00027
-80.00	40.00	0.00030	-80.00	30.00	0.00033
-80.00	25.00	0.00035	-80.00	20.00	0.00037
-80.00	17.00	0.00038	-80.00	15.00	0.00038
-80.00	13.00	0.00039	-80.00	11.00	0.00039
-80.00	9.00	0.00040	-80.00	-9.00	0.00046
-80.00	-11.00	0.00047	-80.00	-13.00	0.00048
-80.00	-15.00	0.00049	-80.00	-17.00	0.00050
-80.00	-20.00	0.00051	-80.00	-25.00	0.00054
-80.00	-30.00	0.00056	-80.00	-40.00	0.00059
-80.00	-50.00	0.00061	-80.00	-60.00	0.00061

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-80.00	-70.00	0.00061	-80.00	-80.00	0.00060
-80.00	-90.00	0.00059	-80.00	-100.00	0.00057
-70.00	100.00	0.00017	-70.00	90.00	0.00018
-70.00	80.00	0.00020	-70.00	70.00	0.00022
-70.00	60.00	0.00025	-70.00	50.00	0.00029
-70.00	40.00	0.00032	-70.00	30.00	0.00036
-70.00	25.00	0.00038	-70.00	20.00	0.00040
-70.00	17.00	0.00041	-70.00	15.00	0.00042
-70.00	13.00	0.00043	-70.00	11.00	0.00044
-70.00	9.00	0.00044	-70.00	-9.00	0.00052
-70.00	-11.00	0.00053	-70.00	-13.00	0.00054
-70.00	-15.00	0.00055	-70.00	-17.00	0.00056

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00058	-70.00	-25.00	0.00061
-70.00	-30.00	0.00063	-70.00	-40.00	0.00067
-70.00	-50.00	0.00068	-70.00	-60.00	0.00068
-70.00	-70.00	0.00068	-70.00	-80.00	0.00066
-70.00	-90.00	0.00065	-70.00	-100.00	0.00063
-60.00	100.00	0.00019	-60.00	90.00	0.00020
-60.00	80.00	0.00022	-60.00	70.00	0.00024
-60.00	60.00	0.00027	-60.00	50.00	0.00031
-60.00	40.00	0.00035	-60.00	30.00	0.00040
-60.00	25.00	0.00042	-60.00	20.00	0.00045
-60.00	17.00	0.00046	-60.00	15.00	0.00047
-60.00	13.00	0.00048	-60.00	11.00	0.00049
-60.00	9.00	0.00050	-60.00	-9.00	0.00059
-60.00	-11.00	0.00060	-60.00	-13.00	0.00062
-60.00	-15.00	0.00063	-60.00	-17.00	0.00064
-60.00	-20.00	0.00066	-60.00	-25.00	0.00070
-60.00	-30.00	0.00072	-60.00	-40.00	0.00076
-60.00	-50.00	0.00077	-60.00	-60.00	0.00077
-60.00	-70.00	0.00075	-60.00	-80.00	0.00074
-60.00	-90.00	0.00071	-60.00	-100.00	0.00069
-50.00	100.00	0.00021	-50.00	90.00	0.00022
-50.00	80.00	0.00023	-50.00	70.00	0.00026

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-50.00	60.00	0.00029	-50.00	50.00	0.00033
-50.00	40.00	0.00038	-50.00	30.00	0.00044
-50.00	25.00	0.00047	-50.00	20.00	0.00050
-50.00	17.00	0.00052	-50.00	15.00	0.00053
-50.00	13.00	0.00054	-50.00	11.00	0.00055
-50.00	9.00	0.00056	-50.00	-9.00	0.00068
-50.00	-11.00	0.00069	-50.00	-13.00	0.00071
-50.00	-15.00	0.00072	-50.00	-17.00	0.00074
-50.00	-20.00	0.00077	-50.00	-25.00	0.00080
-50.00	-30.00	0.00083	-50.00	-40.00	0.00086
-50.00	-50.00	0.00087	-50.00	-60.00	0.00086
-50.00	-70.00	0.00085	-50.00	-80.00	0.00082
-50.00	-90.00	0.00079	-50.00	-100.00	0.00075
-40.00	100.00	0.00023	-40.00	90.00	0.00024
-40.00	80.00	0.00026	-40.00	70.00	0.00028
-40.00	60.00	0.00031	-40.00	50.00	0.00035
-40.00	40.00	0.00041	-40.00	30.00	0.00048
-40.00	25.00	0.00052	-40.00	20.00	0.00056

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00058	-40.00	15.00	0.00059
-40.00	13.00	0.00061	-40.00	11.00	0.00062
-40.00	9.00	0.00064	-40.00	-9.00	0.00078
-40.00	-11.00	0.00080	-40.00	-13.00	0.00082
-40.00	-15.00	0.00084	-40.00	-17.00	0.00086
-40.00	-20.00	0.00089	-40.00	-25.00	0.00093
-40.00	-30.00	0.00096	-40.00	-40.00	0.00099
-40.00	-50.00	0.00100	-40.00	-60.00	0.00098
-40.00	-70.00	0.00095	-40.00	-80.00	0.00092
-40.00	-90.00	0.00087	-40.00	-100.00	0.00083
-30.00	100.00	0.00026	-30.00	90.00	0.00027
-30.00	80.00	0.00029	-30.00	70.00	0.00031
-30.00	60.00	0.00034	-30.00	50.00	0.00038
-30.00	40.00	0.00045	-30.00	30.00	0.00053
-30.00	25.00	0.00058	-30.00	20.00	0.00063
-30.00	17.00	0.00065	-30.00	15.00	0.00067

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-30.00	13.00	0.00069	-30.00	11.00	0.00071
-30.00	9.00	0.00073	-30.00	-9.00	0.00091
-30.00	-11.00	0.00094	-30.00	-13.00	0.00096
-30.00	-15.00	0.00099	-30.00	-17.00	0.00101
-30.00	-20.00	0.00105	-30.00	-25.00	0.00109
-30.00	-30.00	0.00113	-30.00	-40.00	0.00115
-30.00	-50.00	0.00114	-30.00	-60.00	0.00112
-30.00	-70.00	0.00108	-30.00	-80.00	0.00102
-30.00	-90.00	0.00096	-30.00	-100.00	0.00090
-20.00	100.00	0.00030	-20.00	90.00	0.00032
-20.00	80.00	0.00033	-20.00	70.00	0.00035
-20.00	60.00	0.00038	-20.00	50.00	0.00042
-20.00	40.00	0.00049	-20.00	30.00	0.00059
-20.00	25.00	0.00064	-20.00	20.00	0.00070
-20.00	17.00	0.00074	-20.00	15.00	0.00076
-20.00	13.00	0.00079	-20.00	11.00	0.00081
-20.00	9.00	0.00084	-20.00	-9.00	0.00108
-20.00	-11.00	0.00111	-20.00	-13.00	0.00115
-20.00	-15.00	0.00118	-20.00	-17.00	0.00121
-20.00	-20.00	0.00125	-20.00	-25.00	0.00130
-20.00	-30.00	0.00133	-20.00	-40.00	0.00134
-20.00	-50.00	0.00132	-20.00	-60.00	0.00128
-20.00	-70.00	0.00121	-20.00	-80.00	0.00114
-20.00	-90.00	0.00105	-20.00	-100.00	0.00097

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00036	-10.00	90.00	0.00037
-10.00	80.00	0.00038	-10.00	70.00	0.00040
-10.00	60.00	0.00043	-10.00	50.00	0.00047
-10.00	40.00	0.00054	-10.00	30.00	0.00065
-10.00	25.00	0.00072	-10.00	20.00	0.00079
-10.00	17.00	0.00084	-10.00	15.00	0.00087
-10.00	13.00	0.00090	-10.00	11.00	0.00093
-10.00	9.00	0.00097	-10.00	-9.00	0.00129
-10.00	-11.00	0.00134	-10.00	-13.00	0.00138
-10.00	-15.00	0.00142	-10.00	-17.00	0.00146

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-10.00	-20.00	0.00150	-10.00	-25.00	0.00155
-10.00	-30.00	0.00158	-10.00	-40.00	0.00158
-10.00	-50.00	0.00153	-10.00	-60.00	0.00146
-10.00	-70.00	0.00136	-10.00	-80.00	0.00125
-10.00	-90.00	0.00114	-10.00	-100.00	0.00104
0.00	100.00	0.00043	0.00	90.00	0.00044
0.00	80.00	0.00046	0.00	70.00	0.00047
0.00	60.00	0.00050	0.00	50.00	0.00054
0.00	40.00	0.00060	0.00	30.00	0.00071
0.00	25.00	0.00079	0.00	20.00	0.00089
0.00	17.00	0.00095	0.00	15.00	0.00099
0.00	13.00	0.00104	0.00	11.00	0.00108
0.00	9.00	0.00112	0.00	-9.00	0.00158
0.00	-11.00	0.00164	0.00	-13.00	0.00169
0.00	-15.00	0.00174	0.00	-17.00	0.00178
0.00	-20.00	0.00182	0.00	-25.00	0.00187
0.00	-30.00	0.00189	0.00	-40.00	0.00186
0.00	-50.00	0.00178	0.00	-60.00	0.00166
0.00	-70.00	0.00151	0.00	-80.00	0.00137
0.00	-90.00	0.00123	0.00	-100.00	0.00111
10.00	100.00	0.00053	10.00	90.00	0.00055
10.00	80.00	0.00057	10.00	70.00	0.00059
10.00	60.00	0.00061	10.00	50.00	0.00064
10.00	40.00	0.00069	10.00	30.00	0.00080
10.00	25.00	0.00088	10.00	20.00	0.00099
10.00	17.00	0.00107	10.00	15.00	0.00113
10.00	13.00	0.00119	10.00	11.00	0.00125
10.00	9.00	0.00131	10.00	-9.00	0.00195
10.00	-11.00	0.00203	10.00	-13.00	0.00209
10.00	-15.00	0.00215	10.00	-17.00	0.00219

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

17:21:52
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00224	10.00	-25.00	0.00227
10.00	-30.00	0.00228	10.00	-40.00	0.00220
10.00	-50.00	0.00204	10.00	-60.00	0.00185
10.00	-70.00	0.00166	10.00	-80.00	0.00149

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

10.00	-90.00	0.00133	10.00	-100.00	0.00118
20.00	100.00	0.00067	20.00	90.00	0.00070
20.00	80.00	0.00073	20.00	70.00	0.00076
20.00	60.00	0.00078	20.00	50.00	0.00081
20.00	40.00	0.00085	20.00	30.00	0.00093
20.00	25.00	0.00101	20.00	20.00	0.00111
20.00	17.00	0.00120	20.00	15.00	0.00127
20.00	13.00	0.00134	20.00	11.00	0.00142
20.00	9.00	0.00151	20.00	-9.00	0.00246
20.00	-11.00	0.00255	20.00	-13.00	0.00263
20.00	-15.00	0.00268	20.00	-17.00	0.00272
20.00	-20.00	0.00276	20.00	-25.00	0.00278
20.00	-30.00	0.00274	20.00	-40.00	0.00255
20.00	-50.00	0.00231	20.00	-60.00	0.00206
20.00	-70.00	0.00182	20.00	-80.00	0.00161
20.00	-90.00	0.00142	20.00	-100.00	0.00125
30.00	100.00	0.00085	30.00	90.00	0.00091
30.00	80.00	0.00097	30.00	70.00	0.00103
30.00	60.00	0.00109	30.00	50.00	0.00113
30.00	40.00	0.00117	30.00	30.00	0.00121
30.00	25.00	0.00125	30.00	20.00	0.00131
30.00	17.00	0.00138	30.00	15.00	0.00145
30.00	13.00	0.00153	30.00	11.00	0.00162
30.00	9.00	0.00173	30.00	-9.00	0.00318
30.00	-11.00	0.00327	30.00	-13.00	0.00334
30.00	-15.00	0.00338	30.00	-17.00	0.00340
30.00	-20.00	0.00340	30.00	-25.00	0.00334
30.00	-30.00	0.00322	30.00	-40.00	0.00292
30.00	-50.00	0.00259	30.00	-60.00	0.00227
30.00	-70.00	0.00198	30.00	-80.00	0.00172
30.00	-90.00	0.00150	30.00	-100.00	0.00131
40.00	100.00	0.00107	40.00	90.00	0.00117
40.00	80.00	0.00128	40.00	70.00	0.00141
40.00	60.00	0.00154	40.00	50.00	0.00168
40.00	40.00	0.00182	40.00	30.00	0.00194
40.00	25.00	0.00198	40.00	20.00	0.00201

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00202	40.00	15.00	0.00203
40.00	13.00	0.00204	40.00	11.00	0.00208
40.00	9.00	0.00215	40.00	-9.00	0.00426
40.00	-11.00	0.00427	40.00	-13.00	0.00425
40.00	-15.00	0.00422	40.00	-17.00	0.00418
40.00	-20.00	0.00410	40.00	-25.00	0.00392
40.00	-30.00	0.00372	40.00	-40.00	0.00329
40.00	-50.00	0.00285	40.00	-60.00	0.00245
40.00	-70.00	0.00211	40.00	-80.00	0.00181
40.00	-90.00	0.00156	40.00	-100.00	0.00135
50.00	100.00	0.00128	50.00	90.00	0.00142
50.00	80.00	0.00159	50.00	70.00	0.00180
50.00	60.00	0.00203	50.00	50.00	0.00231
50.00	40.00	0.00264	50.00	30.00	0.00303
50.00	25.00	0.00325	50.00	20.00	0.00351
50.00	17.00	0.00367	50.00	15.00	0.00379
50.00	13.00	0.00393	50.00	11.00	0.00409
50.00	9.00	0.00431	50.00	-9.00	0.00533
50.00	-11.00	0.00519	50.00	-13.00	0.00506
50.00	-15.00	0.00494	50.00	-17.00	0.00483
50.00	-20.00	0.00466	50.00	-25.00	0.00438
50.00	-30.00	0.00410	50.00	-40.00	0.00354
50.00	-50.00	0.00302	50.00	-60.00	0.00257
50.00	-70.00	0.00218	50.00	-80.00	0.00185
50.00	-90.00	0.00158	50.00	-100.00	0.00136
60.00	100.00	0.00146	60.00	90.00	0.00164
60.00	80.00	0.00186	60.00	70.00	0.00212
60.00	60.00	0.00243	60.00	50.00	0.00280
60.00	40.00	0.00324	60.00	30.00	0.00377
60.00	25.00	0.00407	60.00	20.00	0.00442
60.00	17.00	0.00464	60.00	15.00	0.00479
60.00	13.00	0.00494	60.00	11.00	0.00510
60.00	9.00	0.00528	60.00	-9.00	0.00549
60.00	-11.00	0.00534	60.00	-13.00	0.00521
60.00	-15.00	0.00510	60.00	-17.00	0.00499
60.00	-20.00	0.00482	60.00	-25.00	0.00452
60.00	-30.00	0.00422	60.00	-40.00	0.00362
60.00	-50.00	0.00307	60.00	-60.00	0.00258
60.00	-70.00	0.00217	60.00	-80.00	0.00183
60.00	-90.00	0.00156	60.00	-100.00	0.00134

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTS:
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CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00160	70.00	90.00	0.00181
70.00	80.00	0.00206	70.00	70.00	0.00236
70.00	60.00	0.00271	70.00	50.00	0.00314
70.00	40.00	0.00364	70.00	30.00	0.00424
70.00	25.00	0.00457	70.00	20.00	0.00491
70.00	17.00	0.00512	70.00	15.00	0.00525
70.00	13.00	0.00537	70.00	11.00	0.00550
70.00	9.00	0.00565	70.00	-9.00	0.00546
70.00	-11.00	0.00529	70.00	-13.00	0.00516
70.00	-15.00	0.00504	70.00	-17.00	0.00492
70.00	-20.00	0.00474	70.00	-25.00	0.00445
70.00	-30.00	0.00415	70.00	-40.00	0.00356
70.00	-50.00	0.00300	70.00	-60.00	0.00251
70.00	-70.00	0.00210	70.00	-80.00	0.00177
70.00	-90.00	0.00151	70.00	-100.00	0.00130
80.00	100.00	0.00169	80.00	90.00	0.00192
80.00	80.00	0.00219	80.00	70.00	0.00252
80.00	60.00	0.00291	80.00	50.00	0.00338
80.00	40.00	0.00392	80.00	30.00	0.00452
80.00	25.00	0.00484	80.00	20.00	0.00515
80.00	17.00	0.00533	80.00	15.00	0.00544
80.00	13.00	0.00555	80.00	11.00	0.00565
80.00	9.00	0.00577	80.00	-9.00	0.00532
80.00	-11.00	0.00514	80.00	-13.00	0.00499
80.00	-15.00	0.00485	80.00	-17.00	0.00473
80.00	-20.00	0.00455	80.00	-25.00	0.00425
80.00	-30.00	0.00396	80.00	-40.00	0.00337
80.00	-50.00	0.00283	80.00	-60.00	0.00237
80.00	-70.00	0.00199	80.00	-80.00	0.00168
80.00	-90.00	0.00144	80.00	-100.00	0.00124
90.00	100.00	0.00174	90.00	90.00	0.00198
90.00	80.00	0.00227	90.00	70.00	0.00262
90.00	60.00	0.00303	90.00	50.00	0.00352
90.00	40.00	0.00407	90.00	30.00	0.00467
90.00	25.00	0.00497	90.00	20.00	0.00525
90.00	17.00	0.00540	90.00	15.00	0.00549

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

90.00	13.00	0.00558	90.00	11.00	0.00567
90.00	9.00	0.00577	90.00	-9.00	0.00509
90.00	-11.00	0.00488	90.00	-13.00	0.00471
90.00	-15.00	0.00456	90.00	-17.00	0.00443

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

17:21:52
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00424	90.00	-25.00	0.00394
90.00	-30.00	0.00365	90.00	-40.00	0.00309
90.00	-50.00	0.00259	90.00	-60.00	0.00217
90.00	-70.00	0.00183	90.00	-80.00	0.00156
90.00	-90.00	0.00133	90.00	-100.00	0.00115
100.00	100.00	0.00173	100.00	90.00	0.00198
100.00	80.00	0.00228	100.00	70.00	0.00264
100.00	60.00	0.00307	100.00	50.00	0.00357
100.00	40.00	0.00413	100.00	30.00	0.00471
100.00	25.00	0.00500	100.00	20.00	0.00525
100.00	17.00	0.00538	100.00	15.00	0.00546
100.00	13.00	0.00553	100.00	11.00	0.00559
100.00	9.00	0.00566	100.00	-9.00	0.00472
100.00	-11.00	0.00449	100.00	-13.00	0.00431
100.00	-15.00	0.00415	100.00	-17.00	0.00400
100.00	-20.00	0.00381	100.00	-25.00	0.00351
100.00	-30.00	0.00323	100.00	-40.00	0.00272
100.00	-50.00	0.00229	100.00	-60.00	0.00194
100.00	-70.00	0.00165	100.00	-80.00	0.00141
100.00	-90.00	0.00121	100.00	-100.00	0.00104
110.00	100.00	0.00167	110.00	90.00	0.00192
110.00	80.00	0.00222	110.00	70.00	0.00258
110.00	60.00	0.00300	110.00	50.00	0.00350
110.00	40.00	0.00406	110.00	30.00	0.00466
110.00	25.00	0.00494	110.00	20.00	0.00519
110.00	17.00	0.00531	110.00	15.00	0.00537
110.00	13.00	0.00542	110.00	11.00	0.00545
110.00	9.00	0.00550	110.00	-9.00	0.00420
110.00	-11.00	0.00395	110.00	-13.00	0.00375
110.00	-15.00	0.00358	110.00	-17.00	0.00344

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

110.00	-20.00	0.00324	110.00	-25.00	0.00296
110.00	-30.00	0.00271	110.00	-40.00	0.00230
110.00	-50.00	0.00196	110.00	-60.00	0.00167
110.00	-70.00	0.00143	110.00	-80.00	0.00123
110.00	-90.00	0.00106	110.00	-100.00	0.00092
120.00	100.00	0.00155	120.00	90.00	0.00178
120.00	80.00	0.00205	120.00	70.00	0.00238
120.00	60.00	0.00277	120.00	50.00	0.00324
120.00	40.00	0.00380	120.00	30.00	0.00442
120.00	25.00	0.00474	120.00	20.00	0.00502

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00515	120.00	15.00	0.00521
120.00	13.00	0.00525	120.00	11.00	0.00527
120.00	9.00	0.00528	120.00	-9.00	0.00345
120.00	-11.00	0.00318	120.00	-13.00	0.00298
120.00	-15.00	0.00282	120.00	-17.00	0.00269
120.00	-20.00	0.00253	120.00	-25.00	0.00232
120.00	-30.00	0.00214	120.00	-40.00	0.00184
120.00	-50.00	0.00159	120.00	-60.00	0.00137
120.00	-70.00	0.00118	120.00	-80.00	0.00103
120.00	-90.00	0.00090	120.00	-100.00	0.00080
130.00	100.00	0.00139	130.00	90.00	0.00157
130.00	80.00	0.00179	130.00	70.00	0.00205
130.00	60.00	0.00236	130.00	50.00	0.00273
130.00	40.00	0.00317	130.00	30.00	0.00370
130.00	25.00	0.00400	130.00	20.00	0.00432
130.00	17.00	0.00450	130.00	15.00	0.00461
130.00	13.00	0.00471	130.00	11.00	0.00479
130.00	9.00	0.00485	130.00	-9.00	0.00229
130.00	-11.00	0.00211	130.00	-13.00	0.00198
130.00	-15.00	0.00189	130.00	-17.00	0.00182
130.00	-20.00	0.00173	130.00	-25.00	0.00162
130.00	-30.00	0.00152	130.00	-40.00	0.00135
130.00	-50.00	0.00120	130.00	-60.00	0.00107
130.00	-70.00	0.00094	130.00	-80.00	0.00084

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

130.00	-90.00	0.00075	130.00	-100.00	0.00067
140.00	100.00	0.00120	140.00	90.00	0.00135
140.00	80.00	0.00151	140.00	70.00	0.00169
140.00	60.00	0.00190	140.00	50.00	0.00212
140.00	40.00	0.00236	140.00	30.00	0.00260
140.00	25.00	0.00271	140.00	20.00	0.00279
140.00	17.00	0.00281	140.00	15.00	0.00280
140.00	13.00	0.00278	140.00	11.00	0.00272
140.00	9.00	0.00262	140.00	-9.00	0.00111
140.00	-11.00	0.00108	140.00	-13.00	0.00106
140.00	-15.00	0.00104	140.00	-17.00	0.00103
140.00	-20.00	0.00102	140.00	-25.00	0.00101
140.00	-30.00	0.00099	140.00	-40.00	0.00094
140.00	-50.00	0.00088	140.00	-60.00	0.00081
140.00	-70.00	0.00074	140.00	-80.00	0.00067
140.00	-90.00	0.00061	140.00	-100.00	0.00056

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

17:21:52

*** Maximum train overlap at East/West Bound Direction ***

**MODELOPTs:
 PAGE 58

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00103	150.00	90.00	0.00114
150.00	80.00	0.00125	150.00	70.00	0.00137
150.00	60.00	0.00150	150.00	50.00	0.00163
150.00	40.00	0.00175	150.00	30.00	0.00183
150.00	25.00	0.00184	150.00	20.00	0.00182
150.00	17.00	0.00178	150.00	15.00	0.00174
150.00	13.00	0.00169	150.00	11.00	0.00164
150.00	9.00	0.00157	150.00	-9.00	0.00081
150.00	-11.00	0.00077	150.00	-13.00	0.00074
150.00	-15.00	0.00072	150.00	-17.00	0.00070
150.00	-20.00	0.00069	150.00	-25.00	0.00068
150.00	-30.00	0.00068	150.00	-40.00	0.00067
150.00	-50.00	0.00065	150.00	-60.00	0.00062
150.00	-70.00	0.00058	150.00	-80.00	0.00054
150.00	-90.00	0.00050	150.00	-100.00	0.00046
160.00	100.00	0.00089	160.00	90.00	0.00096
160.00	80.00	0.00104	160.00	70.00	0.00112
160.00	60.00	0.00120	160.00	50.00	0.00128

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

160.00	40.00	0.00132	160.00	30.00	0.00131
160.00	25.00	0.00129	160.00	20.00	0.00125
160.00	17.00	0.00121	160.00	15.00	0.00118
160.00	13.00	0.00115	160.00	11.00	0.00112
160.00	9.00	0.00108	160.00	-9.00	0.00065
160.00	-11.00	0.00061	160.00	-13.00	0.00059
160.00	-15.00	0.00056	160.00	-17.00	0.00055
160.00	-20.00	0.00053	160.00	-25.00	0.00051
160.00	-30.00	0.00050	160.00	-40.00	0.00050
160.00	-50.00	0.00049	160.00	-60.00	0.00048
160.00	-70.00	0.00046	160.00	-80.00	0.00044
160.00	-90.00	0.00041	160.00	-100.00	0.00039
170.00	100.00	0.00076	170.00	90.00	0.00082
170.00	80.00	0.00087	170.00	70.00	0.00093
170.00	60.00	0.00097	170.00	50.00	0.00100
170.00	40.00	0.00100	170.00	30.00	0.00097
170.00	25.00	0.00094	170.00	20.00	0.00091
170.00	17.00	0.00089	170.00	15.00	0.00087
170.00	13.00	0.00085	170.00	11.00	0.00083
170.00	9.00	0.00080	170.00	-9.00	0.00053
170.00	-11.00	0.00050	170.00	-13.00	0.00048
170.00	-15.00	0.00046	170.00	-17.00	0.00045

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

17:21:52
 **MODELOPTs:
 PAGE 59

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00043	170.00	-25.00	0.00041
170.00	-30.00	0.00040	170.00	-40.00	0.00038
170.00	-50.00	0.00038	170.00	-60.00	0.00037
170.00	-70.00	0.00036	170.00	-80.00	0.00035
170.00	-90.00	0.00034	170.00	-100.00	0.00032
180.00	100.00	0.00066	180.00	90.00	0.00070
180.00	80.00	0.00073	180.00	70.00	0.00076
180.00	60.00	0.00078	180.00	50.00	0.00078
180.00	40.00	0.00077	180.00	30.00	0.00074
180.00	25.00	0.00072	180.00	20.00	0.00070
180.00	17.00	0.00068	180.00	15.00	0.00067
180.00	13.00	0.00066	180.00	11.00	0.00064

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

180.00	9.00	0.00062	180.00	-9.00	0.00044
180.00	-11.00	0.00042	180.00	-13.00	0.00040
180.00	-15.00	0.00039	180.00	-17.00	0.00038
180.00	-20.00	0.00036	180.00	-25.00	0.00034
180.00	-30.00	0.00033	180.00	-40.00	0.00031
180.00	-50.00	0.00030	180.00	-60.00	0.00030
180.00	-70.00	0.00029	180.00	-80.00	0.00029
180.00	-90.00	0.00028	180.00	-100.00	0.00027
190.00	100.00	0.00057	190.00	90.00	0.00060
190.00	80.00	0.00062	190.00	70.00	0.00063
190.00	60.00	0.00063	190.00	50.00	0.00062
190.00	40.00	0.00061	190.00	30.00	0.00058
190.00	25.00	0.00057	190.00	20.00	0.00056
190.00	17.00	0.00054	190.00	15.00	0.00054
190.00	13.00	0.00052	190.00	11.00	0.00051
190.00	9.00	0.00050	190.00	-9.00	0.00037
190.00	-11.00	0.00035	190.00	-13.00	0.00034
190.00	-15.00	0.00033	190.00	-17.00	0.00032
190.00	-20.00	0.00031	190.00	-25.00	0.00029
190.00	-30.00	0.00027	190.00	-40.00	0.00026
190.00	-50.00	0.00025	190.00	-60.00	0.00025
190.00	-70.00	0.00024	190.00	-80.00	0.00024
190.00	-90.00	0.00023	190.00	-100.00	0.00023
200.00	100.00	0.00049	200.00	90.00	0.00051
200.00	80.00	0.00052	200.00	70.00	0.00052
200.00	60.00	0.00052	200.00	50.00	0.00051
200.00	40.00	0.00049	200.00	30.00	0.00047
200.00	25.00	0.00046	200.00	20.00	0.00045

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
 PAGE 60

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00044	200.00	15.00	0.00044
200.00	13.00	0.00043	200.00	11.00	0.00042
200.00	9.00	0.00041	200.00	-9.00	0.00031
200.00	-11.00	0.00030	200.00	-13.00	0.00029
200.00	-15.00	0.00028	200.00	-17.00	0.00027
200.00	-20.00	0.00026	200.00	-25.00	0.00025

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

200.00	-30.00	0.00024	200.00	-40.00	0.00022
200.00	-50.00	0.00021	200.00	-60.00	0.00021
200.00	-70.00	0.00020	200.00	-80.00	0.00020
200.00	-90.00	0.00020	200.00	-100.00	0.00019
210.00	100.00	0.00043	210.00	90.00	0.00043
210.00	80.00	0.00044	210.00	70.00	0.00043
210.00	60.00	0.00043	210.00	50.00	0.00042
210.00	40.00	0.00040	210.00	30.00	0.00039
210.00	25.00	0.00039	210.00	20.00	0.00038
210.00	17.00	0.00037	210.00	15.00	0.00036
210.00	13.00	0.00036	210.00	11.00	0.00035
210.00	9.00	0.00034	210.00	-9.00	0.00027
210.00	-11.00	0.00026	210.00	-13.00	0.00025
210.00	-15.00	0.00024	210.00	-17.00	0.00024
210.00	-20.00	0.00023	210.00	-25.00	0.00022
210.00	-30.00	0.00020	210.00	-40.00	0.00019
210.00	-50.00	0.00018	210.00	-60.00	0.00018
210.00	-70.00	0.00017	210.00	-80.00	0.00017
210.00	-90.00	0.00017	210.00	-100.00	0.00017
220.00	100.00	0.00037	220.00	90.00	0.00037
220.00	80.00	0.00037	220.00	70.00	0.00037
220.00	60.00	0.00036	220.00	50.00	0.00035
220.00	40.00	0.00034	220.00	30.00	0.00033
220.00	25.00	0.00033	220.00	20.00	0.00032
220.00	17.00	0.00031	220.00	15.00	0.00031
220.00	13.00	0.00030	220.00	11.00	0.00029
220.00	9.00	0.00029	220.00	-9.00	0.00023
220.00	-11.00	0.00023	220.00	-13.00	0.00022
220.00	-15.00	0.00021	220.00	-17.00	0.00021
220.00	-20.00	0.00020	220.00	-25.00	0.00019
220.00	-30.00	0.00018	220.00	-40.00	0.00017
220.00	-50.00	0.00016	220.00	-60.00	0.00015
220.00	-70.00	0.00015	220.00	-80.00	0.00015
220.00	-90.00	0.00015	220.00	-100.00	0.00014

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

PAGE 61

CONC URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

230.00	100.00	0.00032	230.00	90.00	0.00032
230.00	80.00	0.00032	230.00	70.00	0.00031
230.00	60.00	0.00031	230.00	50.00	0.00030
230.00	40.00	0.00029	230.00	30.00	0.00029
230.00	25.00	0.00028	230.00	20.00	0.00027
230.00	17.00	0.00027	230.00	15.00	0.00026
230.00	13.00	0.00026	230.00	11.00	0.00025
230.00	9.00	0.00025	230.00	-9.00	0.00020
230.00	-11.00	0.00020	230.00	-13.00	0.00019
230.00	-15.00	0.00019	230.00	-17.00	0.00018
230.00	-20.00	0.00018	230.00	-25.00	0.00017
230.00	-30.00	0.00016	230.00	-40.00	0.00015
230.00	-50.00	0.00014	230.00	-60.00	0.00013
230.00	-70.00	0.00013	230.00	-80.00	0.00013
230.00	-90.00	0.00013	230.00	-100.00	0.00013
240.00	100.00	0.00028	240.00	90.00	0.00028
240.00	80.00	0.00027	240.00	70.00	0.00027
240.00	60.00	0.00026	240.00	50.00	0.00026
240.00	40.00	0.00025	240.00	30.00	0.00025
240.00	25.00	0.00024	240.00	20.00	0.00024
240.00	17.00	0.00023	240.00	15.00	0.00023
240.00	13.00	0.00022	240.00	11.00	0.00022
240.00	9.00	0.00021	240.00	-9.00	0.00018
240.00	-11.00	0.00017	240.00	-13.00	0.00017
240.00	-15.00	0.00017	240.00	-17.00	0.00016
240.00	-20.00	0.00016	240.00	-25.00	0.00015
240.00	-30.00	0.00014	240.00	-40.00	0.00013
240.00	-50.00	0.00012	240.00	-60.00	0.00012
240.00	-70.00	0.00012	240.00	-80.00	0.00011
240.00	-90.00	0.00011	240.00	-100.00	0.00011
250.00	100.00	0.00024	250.00	90.00	0.00024
250.00	80.00	0.00024	250.00	70.00	0.00023
250.00	60.00	0.00023	250.00	50.00	0.00022
250.00	40.00	0.00022	250.00	30.00	0.00022
250.00	25.00	0.00021	250.00	20.00	0.00021
250.00	17.00	0.00020	250.00	15.00	0.00020
250.00	13.00	0.00019	250.00	11.00	0.00019
250.00	9.00	0.00019	250.00	-9.00	0.00016
250.00	-11.00	0.00016	250.00	-13.00	0.00015
250.00	-15.00	0.00015	250.00	-17.00	0.00015

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

17:21:52
 **MODELOPTs:
 PAGE 62

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00014	250.00	-25.00	0.00013
250.00	-30.00	0.00013	250.00	-40.00	0.00012
250.00	-50.00	0.00011	250.00	-60.00	0.00011
250.00	-70.00	0.00010	250.00	-80.00	0.00010
250.00	-90.00	0.00010	250.00	-100.00	0.00010

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 17:21:52
 **MODELOPTs:
 PAGE 63
 CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00011	-250.00	90.00	0.00012
-250.00	80.00	0.00013	-250.00	70.00	0.00014
-250.00	60.00	0.00015	-250.00	50.00	0.00016
-250.00	40.00	0.00017	-250.00	30.00	0.00018
-250.00	25.00	0.00018	-250.00	20.00	0.00019
-250.00	17.00	0.00019	-250.00	15.00	0.00019
-250.00	13.00	0.00020	-250.00	11.00	0.00020
-250.00	9.00	0.00020	-250.00	-9.00	0.00022
-250.00	-11.00	0.00022	-250.00	-13.00	0.00023
-250.00	-15.00	0.00023	-250.00	-17.00	0.00023
-250.00	-20.00	0.00023	-250.00	-25.00	0.00024
-250.00	-30.00	0.00025	-250.00	-40.00	0.00027
-250.00	-50.00	0.00028	-250.00	-60.00	0.00029
-250.00	-70.00	0.00030	-250.00	-80.00	0.00030
-250.00	-90.00	0.00030	-250.00	-100.00	0.00030
-240.00	100.00	0.00011	-240.00	90.00	0.00012
-240.00	80.00	0.00013	-240.00	70.00	0.00014
-240.00	60.00	0.00016	-240.00	50.00	0.00017
-240.00	40.00	0.00018	-240.00	30.00	0.00019
-240.00	25.00	0.00020	-240.00	20.00	0.00020
-240.00	17.00	0.00021	-240.00	15.00	0.00021
-240.00	13.00	0.00021	-240.00	11.00	0.00021
-240.00	9.00	0.00022	-240.00	-9.00	0.00024

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-190.00	80.00	0.00017	-190.00	70.00	0.00019
-190.00	60.00	0.00021	-190.00	50.00	0.00023
-190.00	40.00	0.00026	-190.00	30.00	0.00028
-190.00	25.00	0.00029	-190.00	20.00	0.00030
-190.00	17.00	0.00031	-190.00	15.00	0.00031
-190.00	13.00	0.00032	-190.00	11.00	0.00032
-190.00	9.00	0.00033	-190.00	-9.00	0.00037
-190.00	-11.00	0.00038	-190.00	-13.00	0.00039
-190.00	-15.00	0.00039	-190.00	-17.00	0.00040
-190.00	-20.00	0.00041	-190.00	-25.00	0.00043
-190.00	-30.00	0.00044	-190.00	-40.00	0.00047
-190.00	-50.00	0.00049	-190.00	-60.00	0.00050
-190.00	-70.00	0.00050	-190.00	-80.00	0.00049
-190.00	-90.00	0.00049	-190.00	-100.00	0.00048
-180.00	100.00	0.00015	-180.00	90.00	0.00016
-180.00	80.00	0.00018	-180.00	70.00	0.00020
-180.00	60.00	0.00022	-180.00	50.00	0.00025
-180.00	40.00	0.00028	-180.00	30.00	0.00030
-180.00	25.00	0.00032	-180.00	20.00	0.00033
-180.00	17.00	0.00034	-180.00	15.00	0.00035
-180.00	13.00	0.00035	-180.00	11.00	0.00036
-180.00	9.00	0.00036	-180.00	-9.00	0.00041
-180.00	-11.00	0.00042	-180.00	-13.00	0.00043
-180.00	-15.00	0.00044	-180.00	-17.00	0.00044
-180.00	-20.00	0.00046	-180.00	-25.00	0.00048
-180.00	-30.00	0.00049	-180.00	-40.00	0.00052
-180.00	-50.00	0.00054	-180.00	-60.00	0.00055
-180.00	-70.00	0.00055	-180.00	-80.00	0.00054
-180.00	-90.00	0.00053	-180.00	-100.00	0.00052

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTS:
 PAGE 66

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00016	-170.00	90.00	0.00017
-170.00	80.00	0.00019	-170.00	70.00	0.00021
-170.00	60.00	0.00024	-170.00	50.00	0.00027
-170.00	40.00	0.00030	-170.00	30.00	0.00033
-170.00	25.00	0.00035	-170.00	20.00	0.00037

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-170.00	17.00	0.00038	-170.00	15.00	0.00038
-170.00	13.00	0.00039	-170.00	11.00	0.00039
-170.00	9.00	0.00040	-170.00	-9.00	0.00046
-170.00	-11.00	0.00047	-170.00	-13.00	0.00048
-170.00	-15.00	0.00049	-170.00	-17.00	0.00050
-170.00	-20.00	0.00051	-170.00	-25.00	0.00054
-170.00	-30.00	0.00056	-170.00	-40.00	0.00059
-170.00	-50.00	0.00061	-170.00	-60.00	0.00061
-170.00	-70.00	0.00061	-170.00	-80.00	0.00060
-170.00	-90.00	0.00059	-170.00	-100.00	0.00057
-160.00	100.00	0.00017	-160.00	90.00	0.00018
-160.00	80.00	0.00020	-160.00	70.00	0.00022
-160.00	60.00	0.00025	-160.00	50.00	0.00029
-160.00	40.00	0.00032	-160.00	30.00	0.00036
-160.00	25.00	0.00038	-160.00	20.00	0.00040
-160.00	17.00	0.00041	-160.00	15.00	0.00042
-160.00	13.00	0.00043	-160.00	11.00	0.00044
-160.00	9.00	0.00044	-160.00	-9.00	0.00052
-160.00	-11.00	0.00053	-160.00	-13.00	0.00054
-160.00	-15.00	0.00055	-160.00	-17.00	0.00056
-160.00	-20.00	0.00058	-160.00	-25.00	0.00061
-160.00	-30.00	0.00063	-160.00	-40.00	0.00067
-160.00	-50.00	0.00068	-160.00	-60.00	0.00068
-160.00	-70.00	0.00068	-160.00	-80.00	0.00066
-160.00	-90.00	0.00065	-160.00	-100.00	0.00063
-150.00	100.00	0.00019	-150.00	90.00	0.00020
-150.00	80.00	0.00022	-150.00	70.00	0.00024
-150.00	60.00	0.00027	-150.00	50.00	0.00031
-150.00	40.00	0.00035	-150.00	30.00	0.00040
-150.00	25.00	0.00042	-150.00	20.00	0.00045
-150.00	17.00	0.00046	-150.00	15.00	0.00047
-150.00	13.00	0.00048	-150.00	11.00	0.00049
-150.00	9.00	0.00050	-150.00	-9.00	0.00059
-150.00	-11.00	0.00060	-150.00	-13.00	0.00062
-150.00	-15.00	0.00063	-150.00	-17.00	0.00064

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

17:21:52
 **MODELOPTS:
 PAGE 67

CONC URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00066	-150.00	-25.00	0.00070
-150.00	-30.00	0.00072	-150.00	-40.00	0.00076
-150.00	-50.00	0.00077	-150.00	-60.00	0.00077
-150.00	-70.00	0.00075	-150.00	-80.00	0.00074
-150.00	-90.00	0.00071	-150.00	-100.00	0.00069
-140.00	100.00	0.00021	-140.00	90.00	0.00022
-140.00	80.00	0.00023	-140.00	70.00	0.00026
-140.00	60.00	0.00029	-140.00	50.00	0.00033
-140.00	40.00	0.00038	-140.00	30.00	0.00044
-140.00	25.00	0.00047	-140.00	20.00	0.00050
-140.00	17.00	0.00052	-140.00	15.00	0.00053
-140.00	13.00	0.00054	-140.00	11.00	0.00055
-140.00	9.00	0.00056	-140.00	-9.00	0.00068
-140.00	-11.00	0.00069	-140.00	-13.00	0.00071
-140.00	-15.00	0.00072	-140.00	-17.00	0.00074
-140.00	-20.00	0.00077	-140.00	-25.00	0.00080
-140.00	-30.00	0.00083	-140.00	-40.00	0.00086
-140.00	-50.00	0.00087	-140.00	-60.00	0.00086
-140.00	-70.00	0.00085	-140.00	-80.00	0.00082
-140.00	-90.00	0.00079	-140.00	-100.00	0.00075
-130.00	100.00	0.00023	-130.00	90.00	0.00024
-130.00	80.00	0.00026	-130.00	70.00	0.00028
-130.00	60.00	0.00031	-130.00	50.00	0.00035
-130.00	40.00	0.00041	-130.00	30.00	0.00048
-130.00	25.00	0.00052	-130.00	20.00	0.00056
-130.00	17.00	0.00058	-130.00	15.00	0.00059
-130.00	13.00	0.00061	-130.00	11.00	0.00062
-130.00	9.00	0.00064	-130.00	-9.00	0.00078
-130.00	-11.00	0.00080	-130.00	-13.00	0.00082
-130.00	-15.00	0.00084	-130.00	-17.00	0.00086
-130.00	-20.00	0.00089	-130.00	-25.00	0.00093
-130.00	-30.00	0.00096	-130.00	-40.00	0.00099
-130.00	-50.00	0.00100	-130.00	-60.00	0.00098
-130.00	-70.00	0.00095	-130.00	-80.00	0.00092
-130.00	-90.00	0.00087	-130.00	-100.00	0.00083
-120.00	100.00	0.00026	-120.00	90.00	0.00027
-120.00	80.00	0.00029	-120.00	70.00	0.00031
-120.00	60.00	0.00034	-120.00	50.00	0.00038
-120.00	40.00	0.00045	-120.00	30.00	0.00053
-120.00	25.00	0.00058	-120.00	20.00	0.00063

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00065	-120.00	15.00	0.00067
-120.00	13.00	0.00069	-120.00	11.00	0.00071
-120.00	9.00	0.00073	-120.00	-9.00	0.00091
-120.00	-11.00	0.00094	-120.00	-13.00	0.00096
-120.00	-15.00	0.00099	-120.00	-17.00	0.00101
-120.00	-20.00	0.00105	-120.00	-25.00	0.00109
-120.00	-30.00	0.00113	-120.00	-40.00	0.00115
-120.00	-50.00	0.00114	-120.00	-60.00	0.00112
-120.00	-70.00	0.00108	-120.00	-80.00	0.00102
-120.00	-90.00	0.00096	-120.00	-100.00	0.00090
-110.00	100.00	0.00030	-110.00	90.00	0.00032
-110.00	80.00	0.00033	-110.00	70.00	0.00035
-110.00	60.00	0.00038	-110.00	50.00	0.00042
-110.00	40.00	0.00049	-110.00	30.00	0.00059
-110.00	25.00	0.00064	-110.00	20.00	0.00070
-110.00	17.00	0.00074	-110.00	15.00	0.00076
-110.00	13.00	0.00079	-110.00	11.00	0.00081
-110.00	9.00	0.00084	-110.00	-9.00	0.00108
-110.00	-11.00	0.00111	-110.00	-13.00	0.00115
-110.00	-15.00	0.00118	-110.00	-17.00	0.00121
-110.00	-20.00	0.00125	-110.00	-25.00	0.00130
-110.00	-30.00	0.00133	-110.00	-40.00	0.00134
-110.00	-50.00	0.00132	-110.00	-60.00	0.00128
-110.00	-70.00	0.00121	-110.00	-80.00	0.00114
-110.00	-90.00	0.00105	-110.00	-100.00	0.00097
-100.00	100.00	0.00036	-100.00	90.00	0.00037
-100.00	80.00	0.00038	-100.00	70.00	0.00040
-100.00	60.00	0.00043	-100.00	50.00	0.00047
-100.00	40.00	0.00054	-100.00	30.00	0.00065
-100.00	25.00	0.00072	-100.00	20.00	0.00079
-100.00	17.00	0.00084	-100.00	15.00	0.00087
-100.00	13.00	0.00090	-100.00	11.00	0.00093
-100.00	9.00	0.00097	-100.00	-9.00	0.00129
-100.00	-11.00	0.00134	-100.00	-13.00	0.00138
-100.00	-15.00	0.00142	-100.00	-17.00	0.00146
-100.00	-20.00	0.00150	-100.00	-25.00	0.00155
-100.00	-30.00	0.00158	-100.00	-40.00	0.00158

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-70.00	80.00	0.00073	-70.00	70.00	0.00076
-70.00	60.00	0.00078	-70.00	50.00	0.00081
-70.00	40.00	0.00085	-70.00	30.00	0.00093
-70.00	25.00	0.00101	-70.00	20.00	0.00111
-70.00	17.00	0.00120	-70.00	15.00	0.00127
-70.00	13.00	0.00134	-70.00	11.00	0.00142
-70.00	9.00	0.00151	-70.00	-9.00	0.00246
-70.00	-11.00	0.00255	-70.00	-13.00	0.00263
-70.00	-15.00	0.00268	-70.00	-17.00	0.00272

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00276	-70.00	-25.00	0.00278
-70.00	-30.00	0.00274	-70.00	-40.00	0.00255
-70.00	-50.00	0.00231	-70.00	-60.00	0.00206
-70.00	-70.00	0.00182	-70.00	-80.00	0.00161
-70.00	-90.00	0.00142	-70.00	-100.00	0.00125
-60.00	100.00	0.00085	-60.00	90.00	0.00091
-60.00	80.00	0.00097	-60.00	70.00	0.00103
-60.00	60.00	0.00109	-60.00	50.00	0.00113
-60.00	40.00	0.00117	-60.00	30.00	0.00121
-60.00	25.00	0.00125	-60.00	20.00	0.00131
-60.00	17.00	0.00138	-60.00	15.00	0.00145
-60.00	13.00	0.00153	-60.00	11.00	0.00162
-60.00	9.00	0.00173	-60.00	-9.00	0.00318
-60.00	-11.00	0.00327	-60.00	-13.00	0.00334
-60.00	-15.00	0.00338	-60.00	-17.00	0.00340
-60.00	-20.00	0.00340	-60.00	-25.00	0.00334
-60.00	-30.00	0.00322	-60.00	-40.00	0.00292
-60.00	-50.00	0.00259	-60.00	-60.00	0.00227
-60.00	-70.00	0.00198	-60.00	-80.00	0.00172
-60.00	-90.00	0.00150	-60.00	-100.00	0.00131
-50.00	100.00	0.00107	-50.00	90.00	0.00117
-50.00	80.00	0.00128	-50.00	70.00	0.00141
-50.00	60.00	0.00154	-50.00	50.00	0.00168
-50.00	40.00	0.00182	-50.00	30.00	0.00194
-50.00	25.00	0.00198	-50.00	20.00	0.00201

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-50.00	17.00	0.00202	-50.00	15.00	0.00203
-50.00	13.00	0.00204	-50.00	11.00	0.00208
-50.00	9.00	0.00215	-50.00	-9.00	0.00426
-50.00	-11.00	0.00427	-50.00	-13.00	0.00425
-50.00	-15.00	0.00422	-50.00	-17.00	0.00418
-50.00	-20.00	0.00410	-50.00	-25.00	0.00392
-50.00	-30.00	0.00372	-50.00	-40.00	0.00329
-50.00	-50.00	0.00285	-50.00	-60.00	0.00245
-50.00	-70.00	0.00211	-50.00	-80.00	0.00181
-50.00	-90.00	0.00156	-50.00	-100.00	0.00135
-40.00	100.00	0.00128	-40.00	90.00	0.00142
-40.00	80.00	0.00159	-40.00	70.00	0.00180
-40.00	60.00	0.00203	-40.00	50.00	0.00231
-40.00	40.00	0.00264	-40.00	30.00	0.00303
-40.00	25.00	0.00325	-40.00	20.00	0.00351

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

PAGE 71

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00367	-40.00	15.00	0.00379
-40.00	13.00	0.00393	-40.00	11.00	0.00409
-40.00	9.00	0.00431	-40.00	-9.00	0.00533
-40.00	-11.00	0.00519	-40.00	-13.00	0.00506
-40.00	-15.00	0.00494	-40.00	-17.00	0.00483
-40.00	-20.00	0.00466	-40.00	-25.00	0.00438
-40.00	-30.00	0.00410	-40.00	-40.00	0.00354
-40.00	-50.00	0.00302	-40.00	-60.00	0.00257
-40.00	-70.00	0.00218	-40.00	-80.00	0.00185
-40.00	-90.00	0.00158	-40.00	-100.00	0.00136
-30.00	100.00	0.00146	-30.00	90.00	0.00164
-30.00	80.00	0.00186	-30.00	70.00	0.00212
-30.00	60.00	0.00243	-30.00	50.00	0.00280
-30.00	40.00	0.00324	-30.00	30.00	0.00377
-30.00	25.00	0.00407	-30.00	20.00	0.00442
-30.00	17.00	0.00464	-30.00	15.00	0.00479
-30.00	13.00	0.00494	-30.00	11.00	0.00510
-30.00	9.00	0.00528	-30.00	-9.00	0.00549
-30.00	-11.00	0.00534	-30.00	-13.00	0.00521

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-30.00	-15.00	0.00510	-30.00	-17.00	0.00499
-30.00	-20.00	0.00482	-30.00	-25.00	0.00452
-30.00	-30.00	0.00422	-30.00	-40.00	0.00362
-30.00	-50.00	0.00307	-30.00	-60.00	0.00258
-30.00	-70.00	0.00217	-30.00	-80.00	0.00183
-30.00	-90.00	0.00156	-30.00	-100.00	0.00134
-20.00	100.00	0.00160	-20.00	90.00	0.00181
-20.00	80.00	0.00206	-20.00	70.00	0.00236
-20.00	60.00	0.00271	-20.00	50.00	0.00314
-20.00	40.00	0.00364	-20.00	30.00	0.00424
-20.00	25.00	0.00457	-20.00	20.00	0.00491
-20.00	17.00	0.00512	-20.00	15.00	0.00525
-20.00	13.00	0.00537	-20.00	11.00	0.00550
-20.00	9.00	0.00565	-20.00	-9.00	0.00546
-20.00	-11.00	0.00529	-20.00	-13.00	0.00516
-20.00	-15.00	0.00504	-20.00	-17.00	0.00492
-20.00	-20.00	0.00474	-20.00	-25.00	0.00445
-20.00	-30.00	0.00415	-20.00	-40.00	0.00356
-20.00	-50.00	0.00300	-20.00	-60.00	0.00251
-20.00	-70.00	0.00210	-20.00	-80.00	0.00177
-20.00	-90.00	0.00151	-20.00	-100.00	0.00130

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

17:21:52
 **MODELOPTs:
 PAGE 72
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00169	-10.00	90.00	0.00192
-10.00	80.00	0.00219	-10.00	70.00	0.00252
-10.00	60.00	0.00291	-10.00	50.00	0.00338
-10.00	40.00	0.00392	-10.00	30.00	0.00452
-10.00	25.00	0.00484	-10.00	20.00	0.00515
-10.00	17.00	0.00533	-10.00	15.00	0.00544
-10.00	13.00	0.00555	-10.00	11.00	0.00565
-10.00	9.00	0.00577	-10.00	-9.00	0.00532
-10.00	-11.00	0.00514	-10.00	-13.00	0.00499
-10.00	-15.00	0.00485	-10.00	-17.00	0.00473
-10.00	-20.00	0.00455	-10.00	-25.00	0.00425
-10.00	-30.00	0.00396	-10.00	-40.00	0.00337
-10.00	-50.00	0.00283	-10.00	-60.00	0.00237

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-10.00	-70.00	0.00199	-10.00	-80.00	0.00168
-10.00	-90.00	0.00144	-10.00	-100.00	0.00124
0.00	100.00	0.00174	0.00	90.00	0.00198
0.00	80.00	0.00227	0.00	70.00	0.00262
0.00	60.00	0.00303	0.00	50.00	0.00352
0.00	40.00	0.00407	0.00	30.00	0.00467
0.00	25.00	0.00497	0.00	20.00	0.00525
0.00	17.00	0.00540	0.00	15.00	0.00549
0.00	13.00	0.00558	0.00	11.00	0.00567
0.00	9.00	0.00577	0.00	-9.00	0.00509
0.00	-11.00	0.00488	0.00	-13.00	0.00471
0.00	-15.00	0.00456	0.00	-17.00	0.00443
0.00	-20.00	0.00424	0.00	-25.00	0.00394
0.00	-30.00	0.00365	0.00	-40.00	0.00309
0.00	-50.00	0.00259	0.00	-60.00	0.00217
0.00	-70.00	0.00183	0.00	-80.00	0.00156
0.00	-90.00	0.00133	0.00	-100.00	0.00115
10.00	100.00	0.00173	10.00	90.00	0.00198
10.00	80.00	0.00228	10.00	70.00	0.00264
10.00	60.00	0.00307	10.00	50.00	0.00357
10.00	40.00	0.00413	10.00	30.00	0.00471
10.00	25.00	0.00500	10.00	20.00	0.00525
10.00	17.00	0.00538	10.00	15.00	0.00546
10.00	13.00	0.00553	10.00	11.00	0.00559
10.00	9.00	0.00566	10.00	-9.00	0.00472
10.00	-11.00	0.00449	10.00	-13.00	0.00431
10.00	-15.00	0.00415	10.00	-17.00	0.00400

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

17:21:52
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00381	10.00	-25.00	0.00351
10.00	-30.00	0.00323	10.00	-40.00	0.00272
10.00	-50.00	0.00229	10.00	-60.00	0.00194
10.00	-70.00	0.00165	10.00	-80.00	0.00141
10.00	-90.00	0.00121	10.00	-100.00	0.00104
20.00	100.00	0.00167	20.00	90.00	0.00192
20.00	80.00	0.00222	20.00	70.00	0.00258

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

20.00	60.00	0.00300	20.00	50.00	0.00350
20.00	40.00	0.00406	20.00	30.00	0.00466
20.00	25.00	0.00494	20.00	20.00	0.00519
20.00	17.00	0.00531	20.00	15.00	0.00537
20.00	13.00	0.00542	20.00	11.00	0.00545
20.00	9.00	0.00550	20.00	-9.00	0.00420
20.00	-11.00	0.00395	20.00	-13.00	0.00375
20.00	-15.00	0.00358	20.00	-17.00	0.00344
20.00	-20.00	0.00324	20.00	-25.00	0.00296
20.00	-30.00	0.00271	20.00	-40.00	0.00230
20.00	-50.00	0.00196	20.00	-60.00	0.00167
20.00	-70.00	0.00143	20.00	-80.00	0.00123
20.00	-90.00	0.00106	20.00	-100.00	0.00092
30.00	100.00	0.00155	30.00	90.00	0.00178
30.00	80.00	0.00205	30.00	70.00	0.00238
30.00	60.00	0.00277	30.00	50.00	0.00324
30.00	40.00	0.00380	30.00	30.00	0.00442
30.00	25.00	0.00474	30.00	20.00	0.00502
30.00	17.00	0.00515	30.00	15.00	0.00521
30.00	13.00	0.00525	30.00	11.00	0.00527
30.00	9.00	0.00528	30.00	-9.00	0.00345
30.00	-11.00	0.00318	30.00	-13.00	0.00298
30.00	-15.00	0.00282	30.00	-17.00	0.00269
30.00	-20.00	0.00253	30.00	-25.00	0.00232
30.00	-30.00	0.00214	30.00	-40.00	0.00184
30.00	-50.00	0.00159	30.00	-60.00	0.00137
30.00	-70.00	0.00118	30.00	-80.00	0.00103
30.00	-90.00	0.00090	30.00	-100.00	0.00080
40.00	100.00	0.00139	40.00	90.00	0.00157
40.00	80.00	0.00179	40.00	70.00	0.00205
40.00	60.00	0.00236	40.00	50.00	0.00273
40.00	40.00	0.00317	40.00	30.00	0.00370
40.00	25.00	0.00400	40.00	20.00	0.00432

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

17:21:52
 **MODELOPTs:
 PAGE 74
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00450	40.00	15.00	0.00461

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

40.00	13.00	0.00471	40.00	11.00	0.00479
40.00	9.00	0.00485	40.00	-9.00	0.00229
40.00	-11.00	0.00211	40.00	-13.00	0.00198
40.00	-15.00	0.00189	40.00	-17.00	0.00182
40.00	-20.00	0.00173	40.00	-25.00	0.00162
40.00	-30.00	0.00152	40.00	-40.00	0.00135
40.00	-50.00	0.00120	40.00	-60.00	0.00107
40.00	-70.00	0.00094	40.00	-80.00	0.00084
40.00	-90.00	0.00075	40.00	-100.00	0.00067
50.00	100.00	0.00120	50.00	90.00	0.00135
50.00	80.00	0.00151	50.00	70.00	0.00169
50.00	60.00	0.00190	50.00	50.00	0.00212
50.00	40.00	0.00236	50.00	30.00	0.00260
50.00	25.00	0.00271	50.00	20.00	0.00279
50.00	17.00	0.00281	50.00	15.00	0.00280
50.00	13.00	0.00278	50.00	11.00	0.00272
50.00	9.00	0.00262	50.00	-9.00	0.00111
50.00	-11.00	0.00108	50.00	-13.00	0.00106
50.00	-15.00	0.00104	50.00	-17.00	0.00103
50.00	-20.00	0.00102	50.00	-25.00	0.00101
50.00	-30.00	0.00099	50.00	-40.00	0.00094
50.00	-50.00	0.00088	50.00	-60.00	0.00081
50.00	-70.00	0.00074	50.00	-80.00	0.00067
50.00	-90.00	0.00061	50.00	-100.00	0.00056
60.00	100.00	0.00103	60.00	90.00	0.00114
60.00	80.00	0.00125	60.00	70.00	0.00137
60.00	60.00	0.00150	60.00	50.00	0.00163
60.00	40.00	0.00175	60.00	30.00	0.00183
60.00	25.00	0.00184	60.00	20.00	0.00182
60.00	17.00	0.00178	60.00	15.00	0.00174
60.00	13.00	0.00169	60.00	11.00	0.00164
60.00	9.00	0.00157	60.00	-9.00	0.00081
60.00	-11.00	0.00077	60.00	-13.00	0.00074
60.00	-15.00	0.00072	60.00	-17.00	0.00070
60.00	-20.00	0.00069	60.00	-25.00	0.00068
60.00	-30.00	0.00068	60.00	-40.00	0.00067
60.00	-50.00	0.00065	60.00	-60.00	0.00062
60.00	-70.00	0.00058	60.00	-80.00	0.00054
60.00	-90.00	0.00050	60.00	-100.00	0.00046

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
70.00	100.00	0.00089	70.00	90.00	0.00096	
70.00	80.00	0.00104	70.00	70.00	0.00112	
70.00	60.00	0.00120	70.00	50.00	0.00128	
70.00	40.00	0.00132	70.00	30.00	0.00131	
70.00	25.00	0.00129	70.00	20.00	0.00125	
70.00	17.00	0.00121	70.00	15.00	0.00118	
70.00	13.00	0.00115	70.00	11.00	0.00112	
70.00	9.00	0.00108	70.00	-9.00	0.00065	
70.00	-11.00	0.00061	70.00	-13.00	0.00059	
70.00	-15.00	0.00056	70.00	-17.00	0.00055	
70.00	-20.00	0.00053	70.00	-25.00	0.00051	
70.00	-30.00	0.00050	70.00	-40.00	0.00050	
70.00	-50.00	0.00049	70.00	-60.00	0.00048	
70.00	-70.00	0.00046	70.00	-80.00	0.00044	
70.00	-90.00	0.00041	70.00	-100.00	0.00039	
80.00	100.00	0.00076	80.00	90.00	0.00082	
80.00	80.00	0.00087	80.00	70.00	0.00093	
80.00	60.00	0.00097	80.00	50.00	0.00100	
80.00	40.00	0.00100	80.00	30.00	0.00097	
80.00	25.00	0.00094	80.00	20.00	0.00091	
80.00	17.00	0.00089	80.00	15.00	0.00087	
80.00	13.00	0.00085	80.00	11.00	0.00083	
80.00	9.00	0.00080	80.00	-9.00	0.00053	
80.00	-11.00	0.00050	80.00	-13.00	0.00048	
80.00	-15.00	0.00046	80.00	-17.00	0.00045	
80.00	-20.00	0.00043	80.00	-25.00	0.00041	
80.00	-30.00	0.00040	80.00	-40.00	0.00038	
80.00	-50.00	0.00038	80.00	-60.00	0.00037	
80.00	-70.00	0.00036	80.00	-80.00	0.00035	
80.00	-90.00	0.00034	80.00	-100.00	0.00032	
90.00	100.00	0.00066	90.00	90.00	0.00070	
90.00	80.00	0.00073	90.00	70.00	0.00076	
90.00	60.00	0.00078	90.00	50.00	0.00078	
90.00	40.00	0.00077	90.00	30.00	0.00074	
90.00	25.00	0.00072	90.00	20.00	0.00070	
90.00	17.00	0.00068	90.00	15.00	0.00067	
90.00	13.00	0.00066	90.00	11.00	0.00064	
90.00	9.00	0.00062	90.00	-9.00	0.00044	
90.00	-11.00	0.00042	90.00	-13.00	0.00040	

90.00 -15.00 0.00039 90.00 -17.00 0.00038

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

17:21:52
 **MODELOPTs:
 PAGE 76

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00036	90.00	-25.00	0.00034
90.00	-30.00	0.00033	90.00	-40.00	0.00031
90.00	-50.00	0.00030	90.00	-60.00	0.00030
90.00	-70.00	0.00029	90.00	-80.00	0.00029
90.00	-90.00	0.00028	90.00	-100.00	0.00027
100.00	100.00	0.00057	100.00	90.00	0.00060
100.00	80.00	0.00062	100.00	70.00	0.00063
100.00	60.00	0.00063	100.00	50.00	0.00062
100.00	40.00	0.00061	100.00	30.00	0.00058
100.00	25.00	0.00057	100.00	20.00	0.00056
100.00	17.00	0.00054	100.00	15.00	0.00054
100.00	13.00	0.00052	100.00	11.00	0.00051
100.00	9.00	0.00050	100.00	-9.00	0.00037
100.00	-11.00	0.00035	100.00	-13.00	0.00034
100.00	-15.00	0.00033	100.00	-17.00	0.00032
100.00	-20.00	0.00031	100.00	-25.00	0.00029
100.00	-30.00	0.00027	100.00	-40.00	0.00026
100.00	-50.00	0.00025	100.00	-60.00	0.00025
100.00	-70.00	0.00024	100.00	-80.00	0.00024
100.00	-90.00	0.00023	100.00	-100.00	0.00023
110.00	100.00	0.00049	110.00	90.00	0.00051
110.00	80.00	0.00052	110.00	70.00	0.00052
110.00	60.00	0.00052	110.00	50.00	0.00051
110.00	40.00	0.00049	110.00	30.00	0.00047
110.00	25.00	0.00046	110.00	20.00	0.00045
110.00	17.00	0.00044	110.00	15.00	0.00044
110.00	13.00	0.00043	110.00	11.00	0.00042
110.00	9.00	0.00041	110.00	-9.00	0.00031
110.00	-11.00	0.00030	110.00	-13.00	0.00029
110.00	-15.00	0.00028	110.00	-17.00	0.00027
110.00	-20.00	0.00026	110.00	-25.00	0.00025
110.00	-30.00	0.00024	110.00	-40.00	0.00022
110.00	-50.00	0.00021	110.00	-60.00	0.00021

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

110.00	-70.00	0.00020	110.00	-80.00	0.00020
110.00	-90.00	0.00020	110.00	-100.00	0.00019
120.00	100.00	0.00043	120.00	90.00	0.00043
120.00	80.00	0.00044	120.00	70.00	0.00043
120.00	60.00	0.00043	120.00	50.00	0.00042
120.00	40.00	0.00040	120.00	30.00	0.00039
120.00	25.00	0.00039	120.00	20.00	0.00038

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00037	120.00	15.00	0.00036
120.00	13.00	0.00036	120.00	11.00	0.00035
120.00	9.00	0.00034	120.00	-9.00	0.00027
120.00	-11.00	0.00026	120.00	-13.00	0.00025
120.00	-15.00	0.00024	120.00	-17.00	0.00024
120.00	-20.00	0.00023	120.00	-25.00	0.00022
120.00	-30.00	0.00020	120.00	-40.00	0.00019
120.00	-50.00	0.00018	120.00	-60.00	0.00018
120.00	-70.00	0.00017	120.00	-80.00	0.00017
120.00	-90.00	0.00017	120.00	-100.00	0.00017
130.00	100.00	0.00037	130.00	90.00	0.00037
130.00	80.00	0.00037	130.00	70.00	0.00037
130.00	60.00	0.00036	130.00	50.00	0.00035
130.00	40.00	0.00034	130.00	30.00	0.00033
130.00	25.00	0.00033	130.00	20.00	0.00032
130.00	17.00	0.00031	130.00	15.00	0.00031
130.00	13.00	0.00030	130.00	11.00	0.00029
130.00	9.00	0.00029	130.00	-9.00	0.00023
130.00	-11.00	0.00023	130.00	-13.00	0.00022
130.00	-15.00	0.00021	130.00	-17.00	0.00021
130.00	-20.00	0.00020	130.00	-25.00	0.00019
130.00	-30.00	0.00018	130.00	-40.00	0.00017
130.00	-50.00	0.00016	130.00	-60.00	0.00015
130.00	-70.00	0.00015	130.00	-80.00	0.00015
130.00	-90.00	0.00015	130.00	-100.00	0.00014
140.00	100.00	0.00032	140.00	90.00	0.00032
140.00	80.00	0.00032	140.00	70.00	0.00031

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

140.00	60.00	0.00031	140.00	50.00	0.00030
140.00	40.00	0.00029	140.00	30.00	0.00029
140.00	25.00	0.00028	140.00	20.00	0.00027
140.00	17.00	0.00027	140.00	15.00	0.00026
140.00	13.00	0.00026	140.00	11.00	0.00025
140.00	9.00	0.00025	140.00	-9.00	0.00020
140.00	-11.00	0.00020	140.00	-13.00	0.00019
140.00	-15.00	0.00019	140.00	-17.00	0.00018
140.00	-20.00	0.00018	140.00	-25.00	0.00017
140.00	-30.00	0.00016	140.00	-40.00	0.00015
140.00	-50.00	0.00014	140.00	-60.00	0.00013
140.00	-70.00	0.00013	140.00	-80.00	0.00013
140.00	-90.00	0.00013	140.00	-100.00	0.00013

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00028	150.00	90.00	0.00028
150.00	80.00	0.00027	150.00	70.00	0.00027
150.00	60.00	0.00026	150.00	50.00	0.00026
150.00	40.00	0.00025	150.00	30.00	0.00025
150.00	25.00	0.00024	150.00	20.00	0.00024
150.00	17.00	0.00023	150.00	15.00	0.00023
150.00	13.00	0.00022	150.00	11.00	0.00022
150.00	9.00	0.00021	150.00	-9.00	0.00018
150.00	-11.00	0.00017	150.00	-13.00	0.00017
150.00	-15.00	0.00017	150.00	-17.00	0.00016
150.00	-20.00	0.00016	150.00	-25.00	0.00015
150.00	-30.00	0.00014	150.00	-40.00	0.00013
150.00	-50.00	0.00012	150.00	-60.00	0.00012
150.00	-70.00	0.00012	150.00	-80.00	0.00011
150.00	-90.00	0.00011	150.00	-100.00	0.00011
160.00	100.00	0.00024	160.00	90.00	0.00024
160.00	80.00	0.00024	160.00	70.00	0.00023
160.00	60.00	0.00023	160.00	50.00	0.00022
160.00	40.00	0.00022	160.00	30.00	0.00022
160.00	25.00	0.00021	160.00	20.00	0.00021
160.00	17.00	0.00020	160.00	15.00	0.00020

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

160.00	13.00	0.00019	160.00	11.00	0.00019
160.00	9.00	0.00019	160.00	-9.00	0.00016
160.00	-11.00	0.00016	160.00	-13.00	0.00015
160.00	-15.00	0.00015	160.00	-17.00	0.00015
160.00	-20.00	0.00014	160.00	-25.00	0.00013
160.00	-30.00	0.00013	160.00	-40.00	0.00012
160.00	-50.00	0.00011	160.00	-60.00	0.00011
160.00	-70.00	0.00010	160.00	-80.00	0.00010
160.00	-90.00	0.00010	160.00	-100.00	0.00010
170.00	100.00	0.00022	170.00	90.00	0.00021
170.00	80.00	0.00021	170.00	70.00	0.00020
170.00	60.00	0.00020	170.00	50.00	0.00020
170.00	40.00	0.00020	170.00	30.00	0.00019
170.00	25.00	0.00019	170.00	20.00	0.00018
170.00	17.00	0.00018	170.00	15.00	0.00017
170.00	13.00	0.00017	170.00	11.00	0.00017
170.00	9.00	0.00017	170.00	-9.00	0.00014
170.00	-11.00	0.00014	170.00	-13.00	0.00014
170.00	-15.00	0.00013	170.00	-17.00	0.00013

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 79

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00013	170.00	-25.00	0.00012
170.00	-30.00	0.00012	170.00	-40.00	0.00011
170.00	-50.00	0.00010	170.00	-60.00	0.00010
170.00	-70.00	0.00009	170.00	-80.00	0.00009
170.00	-90.00	0.00009	170.00	-100.00	0.00009
180.00	100.00	0.00019	180.00	90.00	0.00019
180.00	80.00	0.00019	180.00	70.00	0.00018
180.00	60.00	0.00018	180.00	50.00	0.00018
180.00	40.00	0.00018	180.00	30.00	0.00017
180.00	25.00	0.00017	180.00	20.00	0.00016
180.00	17.00	0.00016	180.00	15.00	0.00015
180.00	13.00	0.00015	180.00	11.00	0.00015
180.00	9.00	0.00015	180.00	-9.00	0.00013
180.00	-11.00	0.00013	180.00	-13.00	0.00012
180.00	-15.00	0.00012	180.00	-17.00	0.00012

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

180.00	-20.00	0.00012	180.00	-25.00	0.00011
180.00	-30.00	0.00011	180.00	-40.00	0.00010
180.00	-50.00	0.00009	180.00	-60.00	0.00009
180.00	-70.00	0.00009	180.00	-80.00	0.00008
180.00	-90.00	0.00008	180.00	-100.00	0.00008
190.00	100.00	0.00017	190.00	90.00	0.00017
190.00	80.00	0.00016	190.00	70.00	0.00016
190.00	60.00	0.00016	190.00	50.00	0.00016
190.00	40.00	0.00016	190.00	30.00	0.00015
190.00	25.00	0.00015	190.00	20.00	0.00014
190.00	17.00	0.00014	190.00	15.00	0.00014
190.00	13.00	0.00014	190.00	11.00	0.00013
190.00	9.00	0.00013	190.00	-9.00	0.00012
190.00	-11.00	0.00011	190.00	-13.00	0.00011
190.00	-15.00	0.00011	190.00	-17.00	0.00011
190.00	-20.00	0.00011	190.00	-25.00	0.00010
190.00	-30.00	0.00010	190.00	-40.00	0.00009
190.00	-50.00	0.00008	190.00	-60.00	0.00008
190.00	-70.00	0.00008	190.00	-80.00	0.00008
190.00	-90.00	0.00007	190.00	-100.00	0.00007
200.00	100.00	0.00015	200.00	90.00	0.00015
200.00	80.00	0.00015	200.00	70.00	0.00015
200.00	60.00	0.00014	200.00	50.00	0.00014
200.00	40.00	0.00014	200.00	30.00	0.00014
200.00	25.00	0.00013	200.00	20.00	0.00013

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00013	200.00	15.00	0.00012
200.00	13.00	0.00012	200.00	11.00	0.00012
200.00	9.00	0.00012	200.00	-9.00	0.00011
200.00	-11.00	0.00010	200.00	-13.00	0.00010
200.00	-15.00	0.00010	200.00	-17.00	0.00010
200.00	-20.00	0.00010	200.00	-25.00	0.00009
200.00	-30.00	0.00009	200.00	-40.00	0.00008
200.00	-50.00	0.00008	200.00	-60.00	0.00007
200.00	-70.00	0.00007	200.00	-80.00	0.00007

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

200.00	-90.00	0.00007	200.00	-100.00	0.00007
210.00	100.00	0.00014	210.00	90.00	0.00014
210.00	80.00	0.00013	210.00	70.00	0.00013
210.00	60.00	0.00013	210.00	50.00	0.00013
210.00	40.00	0.00013	210.00	30.00	0.00012
210.00	25.00	0.00012	210.00	20.00	0.00012
210.00	17.00	0.00011	210.00	15.00	0.00011
210.00	13.00	0.00011	210.00	11.00	0.00011
210.00	9.00	0.00011	210.00	-9.00	0.00010
210.00	-11.00	0.00009	210.00	-13.00	0.00009
210.00	-15.00	0.00009	210.00	-17.00	0.00009
210.00	-20.00	0.00009	210.00	-25.00	0.00008
210.00	-30.00	0.00008	210.00	-40.00	0.00008
210.00	-50.00	0.00007	210.00	-60.00	0.00007
210.00	-70.00	0.00007	210.00	-80.00	0.00006
210.00	-90.00	0.00006	210.00	-100.00	0.00006
220.00	100.00	0.00012	220.00	90.00	0.00012
220.00	80.00	0.00012	220.00	70.00	0.00012
220.00	60.00	0.00012	220.00	50.00	0.00012
220.00	40.00	0.00012	220.00	30.00	0.00011
220.00	25.00	0.00011	220.00	20.00	0.00011
220.00	17.00	0.00010	220.00	15.00	0.00010
220.00	13.00	0.00010	220.00	11.00	0.00010
220.00	9.00	0.00010	220.00	-9.00	0.00009
220.00	-11.00	0.00009	220.00	-13.00	0.00009
220.00	-15.00	0.00008	220.00	-17.00	0.00008
220.00	-20.00	0.00008	220.00	-25.00	0.00008
220.00	-30.00	0.00008	220.00	-40.00	0.00007
220.00	-50.00	0.00007	220.00	-60.00	0.00006
220.00	-70.00	0.00006	220.00	-80.00	0.00006
220.00	-90.00	0.00006	220.00	-100.00	0.00006

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

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00011	230.00	90.00	0.00011
230.00	80.00	0.00011	230.00	70.00	0.00011
230.00	60.00	0.00011	230.00	50.00	0.00011

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

230.00	40.00	0.00011	230.00	30.00	0.00010
230.00	25.00	0.00010	230.00	20.00	0.00010
230.00	17.00	0.00009	230.00	15.00	0.00009
230.00	13.00	0.00009	230.00	11.00	0.00009
230.00	9.00	0.00009	230.00	-9.00	0.00008
230.00	-11.00	0.00008	230.00	-13.00	0.00008
230.00	-15.00	0.00008	230.00	-17.00	0.00008
230.00	-20.00	0.00008	230.00	-25.00	0.00007
230.00	-30.00	0.00007	230.00	-40.00	0.00007
230.00	-50.00	0.00006	230.00	-60.00	0.00006
230.00	-70.00	0.00006	230.00	-80.00	0.00005
230.00	-90.00	0.00005	230.00	-100.00	0.00005
240.00	100.00	0.00010	240.00	90.00	0.00010
240.00	80.00	0.00010	240.00	70.00	0.00010
240.00	60.00	0.00010	240.00	50.00	0.00010
240.00	40.00	0.00010	240.00	30.00	0.00009
240.00	25.00	0.00009	240.00	20.00	0.00009
240.00	17.00	0.00009	240.00	15.00	0.00009
240.00	13.00	0.00009	240.00	11.00	0.00008
240.00	9.00	0.00008	240.00	-9.00	0.00007
240.00	-11.00	0.00007	240.00	-13.00	0.00007
240.00	-15.00	0.00007	240.00	-17.00	0.00007
240.00	-20.00	0.00007	240.00	-25.00	0.00007
240.00	-30.00	0.00007	240.00	-40.00	0.00006
240.00	-50.00	0.00006	240.00	-60.00	0.00005
240.00	-70.00	0.00005	240.00	-80.00	0.00005
240.00	-90.00	0.00005	240.00	-100.00	0.00005
250.00	100.00	0.00009	250.00	90.00	0.00009
250.00	80.00	0.00009	250.00	70.00	0.00009
250.00	60.00	0.00009	250.00	50.00	0.00009
250.00	40.00	0.00009	250.00	30.00	0.00009
250.00	25.00	0.00008	250.00	20.00	0.00008
250.00	17.00	0.00008	250.00	15.00	0.00008
250.00	13.00	0.00008	250.00	11.00	0.00008
250.00	9.00	0.00008	250.00	-9.00	0.00007
250.00	-11.00	0.00007	250.00	-13.00	0.00007
250.00	-15.00	0.00007	250.00	-17.00	0.00007

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

08NCRA_NAPA97-300 DPM TRAV ANN E-W Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00006	250.00	-25.00	0.00006
250.00	-30.00	0.00006	250.00	-40.00	0.00006
250.00	-50.00	0.00005	250.00	-60.00	0.00005
250.00	-70.00	0.00005	250.00	-80.00	0.00005
250.00	-90.00	0.00005	250.00	-100.00	0.00005

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

17:21:52
 **MODELOPTs:
 PAGE 83
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00017	-250.00	90.00	0.00018
-250.00	80.00	0.00020	-250.00	70.00	0.00022
-250.00	60.00	0.00025	-250.00	50.00	0.00029
-250.00	40.00	0.00032	-250.00	30.00	0.00036
-250.00	25.00	0.00038	-250.00	20.00	0.00040
-250.00	17.00	0.00041	-250.00	15.00	0.00042
-250.00	13.00	0.00043	-250.00	11.00	0.00044
-250.00	9.00	0.00044	-250.00	-9.00	0.00052
-250.00	-11.00	0.00053	-250.00	-13.00	0.00054
-250.00	-15.00	0.00055	-250.00	-17.00	0.00056
-250.00	-20.00	0.00058	-250.00	-25.00	0.00061
-250.00	-30.00	0.00063	-250.00	-40.00	0.00067
-250.00	-50.00	0.00068	-250.00	-60.00	0.00068
-250.00	-70.00	0.00068	-250.00	-80.00	0.00066
-250.00	-90.00	0.00065	-250.00	-100.00	0.00063
-240.00	100.00	0.00019	-240.00	90.00	0.00020
-240.00	80.00	0.00022	-240.00	70.00	0.00024
-240.00	60.00	0.00027	-240.00	50.00	0.00031
-240.00	40.00	0.00035	-240.00	30.00	0.00040
-240.00	25.00	0.00042	-240.00	20.00	0.00045
-240.00	17.00	0.00046	-240.00	15.00	0.00047
-240.00	13.00	0.00048	-240.00	11.00	0.00049
-240.00	9.00	0.00050	-240.00	-9.00	0.00059
-240.00	-11.00	0.00060	-240.00	-13.00	0.00062
-240.00	-15.00	0.00063	-240.00	-17.00	0.00064
-240.00	-20.00	0.00066	-240.00	-25.00	0.00070

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-240.00	-30.00	0.00072	-240.00	-40.00	0.00076
-240.00	-50.00	0.00077	-240.00	-60.00	0.00077
-240.00	-70.00	0.00075	-240.00	-80.00	0.00074
-240.00	-90.00	0.00071	-240.00	-100.00	0.00069
-230.00	100.00	0.00021	-230.00	90.00	0.00022
-230.00	80.00	0.00023	-230.00	70.00	0.00026
-230.00	60.00	0.00029	-230.00	50.00	0.00033
-230.00	40.00	0.00038	-230.00	30.00	0.00044
-230.00	25.00	0.00047	-230.00	20.00	0.00050
-230.00	17.00	0.00052	-230.00	15.00	0.00053
-230.00	13.00	0.00054	-230.00	11.00	0.00055
-230.00	9.00	0.00056	-230.00	-9.00	0.00068
-230.00	-11.00	0.00069	-230.00	-13.00	0.00071
-230.00	-15.00	0.00072	-230.00	-17.00	0.00074

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00077	-230.00	-25.00	0.00080
-230.00	-30.00	0.00083	-230.00	-40.00	0.00086
-230.00	-50.00	0.00087	-230.00	-60.00	0.00086
-230.00	-70.00	0.00085	-230.00	-80.00	0.00082
-230.00	-90.00	0.00079	-230.00	-100.00	0.00075
-220.00	100.00	0.00023	-220.00	90.00	0.00024
-220.00	80.00	0.00026	-220.00	70.00	0.00028
-220.00	60.00	0.00031	-220.00	50.00	0.00035
-220.00	40.00	0.00041	-220.00	30.00	0.00048
-220.00	25.00	0.00052	-220.00	20.00	0.00056
-220.00	17.00	0.00058	-220.00	15.00	0.00059
-220.00	13.00	0.00061	-220.00	11.00	0.00062
-220.00	9.00	0.00064	-220.00	-9.00	0.00078
-220.00	-11.00	0.00080	-220.00	-13.00	0.00082
-220.00	-15.00	0.00084	-220.00	-17.00	0.00086
-220.00	-20.00	0.00089	-220.00	-25.00	0.00093
-220.00	-30.00	0.00096	-220.00	-40.00	0.00099
-220.00	-50.00	0.00100	-220.00	-60.00	0.00098
-220.00	-70.00	0.00095	-220.00	-80.00	0.00092
-220.00	-90.00	0.00087	-220.00	-100.00	0.00083

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-210.00	100.00	0.00026	-210.00	90.00	0.00027
-210.00	80.00	0.00029	-210.00	70.00	0.00031
-210.00	60.00	0.00034	-210.00	50.00	0.00038
-210.00	40.00	0.00045	-210.00	30.00	0.00053
-210.00	25.00	0.00058	-210.00	20.00	0.00063
-210.00	17.00	0.00065	-210.00	15.00	0.00067
-210.00	13.00	0.00069	-210.00	11.00	0.00071
-210.00	9.00	0.00073	-210.00	-9.00	0.00091
-210.00	-11.00	0.00094	-210.00	-13.00	0.00096
-210.00	-15.00	0.00099	-210.00	-17.00	0.00101
-210.00	-20.00	0.00105	-210.00	-25.00	0.00109
-210.00	-30.00	0.00113	-210.00	-40.00	0.00115
-210.00	-50.00	0.00114	-210.00	-60.00	0.00112
-210.00	-70.00	0.00108	-210.00	-80.00	0.00102
-210.00	-90.00	0.00096	-210.00	-100.00	0.00090
-200.00	100.00	0.00030	-200.00	90.00	0.00032
-200.00	80.00	0.00033	-200.00	70.00	0.00035
-200.00	60.00	0.00038	-200.00	50.00	0.00042
-200.00	40.00	0.00049	-200.00	30.00	0.00059
-200.00	25.00	0.00064	-200.00	20.00	0.00070

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

17:21:52
 **MODELOPTS:
 PAGE 85
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00074	-200.00	15.00	0.00076
-200.00	13.00	0.00079	-200.00	11.00	0.00081
-200.00	9.00	0.00084	-200.00	-9.00	0.00108
-200.00	-11.00	0.00111	-200.00	-13.00	0.00115
-200.00	-15.00	0.00118	-200.00	-17.00	0.00121
-200.00	-20.00	0.00125	-200.00	-25.00	0.00130
-200.00	-30.00	0.00133	-200.00	-40.00	0.00134
-200.00	-50.00	0.00132	-200.00	-60.00	0.00128
-200.00	-70.00	0.00121	-200.00	-80.00	0.00114
-200.00	-90.00	0.00105	-200.00	-100.00	0.00097
-190.00	100.00	0.00036	-190.00	90.00	0.00037
-190.00	80.00	0.00038	-190.00	70.00	0.00040
-190.00	60.00	0.00043	-190.00	50.00	0.00047
-190.00	40.00	0.00054	-190.00	30.00	0.00065

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-190.00	25.00	0.00072	-190.00	20.00	0.00079
-190.00	17.00	0.00084	-190.00	15.00	0.00087
-190.00	13.00	0.00090	-190.00	11.00	0.00093
-190.00	9.00	0.00097	-190.00	-9.00	0.00129
-190.00	-11.00	0.00134	-190.00	-13.00	0.00138
-190.00	-15.00	0.00142	-190.00	-17.00	0.00146
-190.00	-20.00	0.00150	-190.00	-25.00	0.00155
-190.00	-30.00	0.00158	-190.00	-40.00	0.00158
-190.00	-50.00	0.00153	-190.00	-60.00	0.00146
-190.00	-70.00	0.00136	-190.00	-80.00	0.00125
-190.00	-90.00	0.00114	-190.00	-100.00	0.00104
-180.00	100.00	0.00043	-180.00	90.00	0.00044
-180.00	80.00	0.00046	-180.00	70.00	0.00047
-180.00	60.00	0.00050	-180.00	50.00	0.00054
-180.00	40.00	0.00060	-180.00	30.00	0.00071
-180.00	25.00	0.00079	-180.00	20.00	0.00089
-180.00	17.00	0.00095	-180.00	15.00	0.00099
-180.00	13.00	0.00104	-180.00	11.00	0.00108
-180.00	9.00	0.00112	-180.00	-9.00	0.00158
-180.00	-11.00	0.00164	-180.00	-13.00	0.00169
-180.00	-15.00	0.00174	-180.00	-17.00	0.00178
-180.00	-20.00	0.00182	-180.00	-25.00	0.00187
-180.00	-30.00	0.00189	-180.00	-40.00	0.00186
-180.00	-50.00	0.00178	-180.00	-60.00	0.00166
-180.00	-70.00	0.00151	-180.00	-80.00	0.00137
-180.00	-90.00	0.00123	-180.00	-100.00	0.00111

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00053	-170.00	90.00	0.00055
-170.00	80.00	0.00057	-170.00	70.00	0.00059
-170.00	60.00	0.00061	-170.00	50.00	0.00064
-170.00	40.00	0.00069	-170.00	30.00	0.00080
-170.00	25.00	0.00088	-170.00	20.00	0.00099
-170.00	17.00	0.00107	-170.00	15.00	0.00113
-170.00	13.00	0.00119	-170.00	11.00	0.00125
-170.00	9.00	0.00131	-170.00	-9.00	0.00195

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-170.00	-11.00	0.00203	-170.00	-13.00	0.00209
-170.00	-15.00	0.00215	-170.00	-17.00	0.00219
-170.00	-20.00	0.00224	-170.00	-25.00	0.00227
-170.00	-30.00	0.00228	-170.00	-40.00	0.00220
-170.00	-50.00	0.00204	-170.00	-60.00	0.00185
-170.00	-70.00	0.00166	-170.00	-80.00	0.00149
-170.00	-90.00	0.00133	-170.00	-100.00	0.00118
-160.00	100.00	0.00067	-160.00	90.00	0.00070
-160.00	80.00	0.00073	-160.00	70.00	0.00076
-160.00	60.00	0.00078	-160.00	50.00	0.00081
-160.00	40.00	0.00085	-160.00	30.00	0.00093
-160.00	25.00	0.00101	-160.00	20.00	0.00111
-160.00	17.00	0.00120	-160.00	15.00	0.00127
-160.00	13.00	0.00134	-160.00	11.00	0.00142
-160.00	9.00	0.00151	-160.00	-9.00	0.00246
-160.00	-11.00	0.00255	-160.00	-13.00	0.00263
-160.00	-15.00	0.00268	-160.00	-17.00	0.00272
-160.00	-20.00	0.00276	-160.00	-25.00	0.00278
-160.00	-30.00	0.00274	-160.00	-40.00	0.00255
-160.00	-50.00	0.00231	-160.00	-60.00	0.00206
-160.00	-70.00	0.00182	-160.00	-80.00	0.00161
-160.00	-90.00	0.00142	-160.00	-100.00	0.00125
-150.00	100.00	0.00085	-150.00	90.00	0.00091
-150.00	80.00	0.00097	-150.00	70.00	0.00103
-150.00	60.00	0.00109	-150.00	50.00	0.00113
-150.00	40.00	0.00117	-150.00	30.00	0.00121
-150.00	25.00	0.00125	-150.00	20.00	0.00131
-150.00	17.00	0.00138	-150.00	15.00	0.00145
-150.00	13.00	0.00153	-150.00	11.00	0.00162
-150.00	9.00	0.00173	-150.00	-9.00	0.00318
-150.00	-11.00	0.00327	-150.00	-13.00	0.00334
-150.00	-15.00	0.00338	-150.00	-17.00	0.00340

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

17:21:52
 **MODELOPTS:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00340	-150.00	-25.00	0.00334
-150.00	-30.00	0.00322	-150.00	-40.00	0.00292

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-150.00	-50.00	0.00259	-150.00	-60.00	0.00227
-150.00	-70.00	0.00198	-150.00	-80.00	0.00172
-150.00	-90.00	0.00150	-150.00	-100.00	0.00131
-140.00	100.00	0.00107	-140.00	90.00	0.00117
-140.00	80.00	0.00128	-140.00	70.00	0.00141
-140.00	60.00	0.00154	-140.00	50.00	0.00168
-140.00	40.00	0.00182	-140.00	30.00	0.00194
-140.00	25.00	0.00198	-140.00	20.00	0.00201
-140.00	17.00	0.00202	-140.00	15.00	0.00203
-140.00	13.00	0.00204	-140.00	11.00	0.00208
-140.00	9.00	0.00215	-140.00	-9.00	0.00426
-140.00	-11.00	0.00427	-140.00	-13.00	0.00425
-140.00	-15.00	0.00422	-140.00	-17.00	0.00418
-140.00	-20.00	0.00410	-140.00	-25.00	0.00392
-140.00	-30.00	0.00372	-140.00	-40.00	0.00329
-140.00	-50.00	0.00285	-140.00	-60.00	0.00245
-140.00	-70.00	0.00211	-140.00	-80.00	0.00181
-140.00	-90.00	0.00156	-140.00	-100.00	0.00135
-130.00	100.00	0.00128	-130.00	90.00	0.00142
-130.00	80.00	0.00159	-130.00	70.00	0.00180
-130.00	60.00	0.00203	-130.00	50.00	0.00231
-130.00	40.00	0.00264	-130.00	30.00	0.00303
-130.00	25.00	0.00325	-130.00	20.00	0.00351
-130.00	17.00	0.00367	-130.00	15.00	0.00379
-130.00	13.00	0.00393	-130.00	11.00	0.00409
-130.00	9.00	0.00431	-130.00	-9.00	0.00533
-130.00	-11.00	0.00519	-130.00	-13.00	0.00506
-130.00	-15.00	0.00494	-130.00	-17.00	0.00483
-130.00	-20.00	0.00466	-130.00	-25.00	0.00438
-130.00	-30.00	0.00410	-130.00	-40.00	0.00354
-130.00	-50.00	0.00302	-130.00	-60.00	0.00257
-130.00	-70.00	0.00218	-130.00	-80.00	0.00185
-130.00	-90.00	0.00158	-130.00	-100.00	0.00136
-120.00	100.00	0.00146	-120.00	90.00	0.00164
-120.00	80.00	0.00186	-120.00	70.00	0.00212
-120.00	60.00	0.00243	-120.00	50.00	0.00280
-120.00	40.00	0.00324	-120.00	30.00	0.00377
-120.00	25.00	0.00407	-120.00	20.00	0.00442

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

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00464	-120.00	15.00	0.00479
-120.00	13.00	0.00494	-120.00	11.00	0.00510
-120.00	9.00	0.00528	-120.00	-9.00	0.00549
-120.00	-11.00	0.00534	-120.00	-13.00	0.00521
-120.00	-15.00	0.00510	-120.00	-17.00	0.00499
-120.00	-20.00	0.00482	-120.00	-25.00	0.00452
-120.00	-30.00	0.00422	-120.00	-40.00	0.00362
-120.00	-50.00	0.00307	-120.00	-60.00	0.00258
-120.00	-70.00	0.00217	-120.00	-80.00	0.00183
-120.00	-90.00	0.00156	-120.00	-100.00	0.00134
-110.00	100.00	0.00160	-110.00	90.00	0.00181
-110.00	80.00	0.00206	-110.00	70.00	0.00236
-110.00	60.00	0.00271	-110.00	50.00	0.00314
-110.00	40.00	0.00364	-110.00	30.00	0.00424
-110.00	25.00	0.00457	-110.00	20.00	0.00491
-110.00	17.00	0.00512	-110.00	15.00	0.00525
-110.00	13.00	0.00537	-110.00	11.00	0.00550
-110.00	9.00	0.00565	-110.00	-9.00	0.00546
-110.00	-11.00	0.00529	-110.00	-13.00	0.00516
-110.00	-15.00	0.00504	-110.00	-17.00	0.00492
-110.00	-20.00	0.00474	-110.00	-25.00	0.00445
-110.00	-30.00	0.00415	-110.00	-40.00	0.00356
-110.00	-50.00	0.00300	-110.00	-60.00	0.00251
-110.00	-70.00	0.00210	-110.00	-80.00	0.00177
-110.00	-90.00	0.00151	-110.00	-100.00	0.00130
-100.00	100.00	0.00169	-100.00	90.00	0.00192
-100.00	80.00	0.00219	-100.00	70.00	0.00252
-100.00	60.00	0.00291	-100.00	50.00	0.00338
-100.00	40.00	0.00392	-100.00	30.00	0.00452
-100.00	25.00	0.00484	-100.00	20.00	0.00515
-100.00	17.00	0.00533	-100.00	15.00	0.00544
-100.00	13.00	0.00555	-100.00	11.00	0.00565
-100.00	9.00	0.00577	-100.00	-9.00	0.00532
-100.00	-11.00	0.00514	-100.00	-13.00	0.00499
-100.00	-15.00	0.00485	-100.00	-17.00	0.00473
-100.00	-20.00	0.00455	-100.00	-25.00	0.00425
-100.00	-30.00	0.00396	-100.00	-40.00	0.00337
-100.00	-50.00	0.00283	-100.00	-60.00	0.00237
-100.00	-70.00	0.00199	-100.00	-80.00	0.00168
-100.00	-90.00	0.00144	-100.00	-100.00	0.00124

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00174	-90.00	90.00	0.00198
-90.00	80.00	0.00227	-90.00	70.00	0.00262
-90.00	60.00	0.00303	-90.00	50.00	0.00352
-90.00	40.00	0.00407	-90.00	30.00	0.00467
-90.00	25.00	0.00497	-90.00	20.00	0.00525
-90.00	17.00	0.00540	-90.00	15.00	0.00549
-90.00	13.00	0.00558	-90.00	11.00	0.00567
-90.00	9.00	0.00577	-90.00	-9.00	0.00509
-90.00	-11.00	0.00488	-90.00	-13.00	0.00471
-90.00	-15.00	0.00456	-90.00	-17.00	0.00443
-90.00	-20.00	0.00424	-90.00	-25.00	0.00394
-90.00	-30.00	0.00365	-90.00	-40.00	0.00309
-90.00	-50.00	0.00259	-90.00	-60.00	0.00217
-90.00	-70.00	0.00183	-90.00	-80.00	0.00156
-90.00	-90.00	0.00133	-90.00	-100.00	0.00115
-80.00	100.00	0.00173	-80.00	90.00	0.00198
-80.00	80.00	0.00228	-80.00	70.00	0.00264
-80.00	60.00	0.00307	-80.00	50.00	0.00357
-80.00	40.00	0.00413	-80.00	30.00	0.00471
-80.00	25.00	0.00500	-80.00	20.00	0.00525
-80.00	17.00	0.00538	-80.00	15.00	0.00546
-80.00	13.00	0.00553	-80.00	11.00	0.00559
-80.00	9.00	0.00566	-80.00	-9.00	0.00472
-80.00	-11.00	0.00449	-80.00	-13.00	0.00431
-80.00	-15.00	0.00415	-80.00	-17.00	0.00400
-80.00	-20.00	0.00381	-80.00	-25.00	0.00351
-80.00	-30.00	0.00323	-80.00	-40.00	0.00272
-80.00	-50.00	0.00229	-80.00	-60.00	0.00194
-80.00	-70.00	0.00165	-80.00	-80.00	0.00141
-80.00	-90.00	0.00121	-80.00	-100.00	0.00104
-70.00	100.00	0.00167	-70.00	90.00	0.00192
-70.00	80.00	0.00222	-70.00	70.00	0.00258
-70.00	60.00	0.00300	-70.00	50.00	0.00350
-70.00	40.00	0.00406	-70.00	30.00	0.00466

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-70.00	25.00	0.00494	-70.00	20.00	0.00519
-70.00	17.00	0.00531	-70.00	15.00	0.00537
-70.00	13.00	0.00542	-70.00	11.00	0.00545
-70.00	9.00	0.00550	-70.00	-9.00	0.00420
-70.00	-11.00	0.00395	-70.00	-13.00	0.00375
-70.00	-15.00	0.00358	-70.00	-17.00	0.00344

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00324	-70.00	-25.00	0.00296
-70.00	-30.00	0.00271	-70.00	-40.00	0.00230
-70.00	-50.00	0.00196	-70.00	-60.00	0.00167
-70.00	-70.00	0.00143	-70.00	-80.00	0.00123
-70.00	-90.00	0.00106	-70.00	-100.00	0.00092
-60.00	100.00	0.00155	-60.00	90.00	0.00178
-60.00	80.00	0.00205	-60.00	70.00	0.00238
-60.00	60.00	0.00277	-60.00	50.00	0.00324
-60.00	40.00	0.00380	-60.00	30.00	0.00442
-60.00	25.00	0.00474	-60.00	20.00	0.00502
-60.00	17.00	0.00515	-60.00	15.00	0.00521
-60.00	13.00	0.00525	-60.00	11.00	0.00527
-60.00	9.00	0.00528	-60.00	-9.00	0.00345
-60.00	-11.00	0.00318	-60.00	-13.00	0.00298
-60.00	-15.00	0.00282	-60.00	-17.00	0.00269
-60.00	-20.00	0.00253	-60.00	-25.00	0.00232
-60.00	-30.00	0.00214	-60.00	-40.00	0.00184
-60.00	-50.00	0.00159	-60.00	-60.00	0.00137
-60.00	-70.00	0.00118	-60.00	-80.00	0.00103
-60.00	-90.00	0.00090	-60.00	-100.00	0.00080
-50.00	100.00	0.00139	-50.00	90.00	0.00157
-50.00	80.00	0.00179	-50.00	70.00	0.00205
-50.00	60.00	0.00236	-50.00	50.00	0.00273
-50.00	40.00	0.00317	-50.00	30.00	0.00370
-50.00	25.00	0.00400	-50.00	20.00	0.00432
-50.00	17.00	0.00450	-50.00	15.00	0.00461
-50.00	13.00	0.00471	-50.00	11.00	0.00479
-50.00	9.00	0.00485	-50.00	-9.00	0.00229

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-50.00	-11.00	0.00211	-50.00	-13.00	0.00198
-50.00	-15.00	0.00189	-50.00	-17.00	0.00182
-50.00	-20.00	0.00173	-50.00	-25.00	0.00162
-50.00	-30.00	0.00152	-50.00	-40.00	0.00135
-50.00	-50.00	0.00120	-50.00	-60.00	0.00107
-50.00	-70.00	0.00094	-50.00	-80.00	0.00084
-50.00	-90.00	0.00075	-50.00	-100.00	0.00067
-40.00	100.00	0.00120	-40.00	90.00	0.00135
-40.00	80.00	0.00151	-40.00	70.00	0.00169
-40.00	60.00	0.00190	-40.00	50.00	0.00212
-40.00	40.00	0.00236	-40.00	30.00	0.00260
-40.00	25.00	0.00271	-40.00	20.00	0.00279

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00281	-40.00	15.00	0.00280
-40.00	13.00	0.00278	-40.00	11.00	0.00272
-40.00	9.00	0.00262	-40.00	-9.00	0.00111
-40.00	-11.00	0.00108	-40.00	-13.00	0.00106
-40.00	-15.00	0.00104	-40.00	-17.00	0.00103
-40.00	-20.00	0.00102	-40.00	-25.00	0.00101
-40.00	-30.00	0.00099	-40.00	-40.00	0.00094
-40.00	-50.00	0.00088	-40.00	-60.00	0.00081
-40.00	-70.00	0.00074	-40.00	-80.00	0.00067
-40.00	-90.00	0.00061	-40.00	-100.00	0.00056
-30.00	100.00	0.00103	-30.00	90.00	0.00114
-30.00	80.00	0.00125	-30.00	70.00	0.00137
-30.00	60.00	0.00150	-30.00	50.00	0.00163
-30.00	40.00	0.00175	-30.00	30.00	0.00183
-30.00	25.00	0.00184	-30.00	20.00	0.00182
-30.00	17.00	0.00178	-30.00	15.00	0.00174
-30.00	13.00	0.00169	-30.00	11.00	0.00164
-30.00	9.00	0.00157	-30.00	-9.00	0.00081
-30.00	-11.00	0.00077	-30.00	-13.00	0.00074
-30.00	-15.00	0.00072	-30.00	-17.00	0.00070
-30.00	-20.00	0.00069	-30.00	-25.00	0.00068
-30.00	-30.00	0.00068	-30.00	-40.00	0.00067

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-30.00	-50.00	0.00065	-30.00	-60.00	0.00062
-30.00	-70.00	0.00058	-30.00	-80.00	0.00054
-30.00	-90.00	0.00050	-30.00	-100.00	0.00046
-20.00	100.00	0.00089	-20.00	90.00	0.00096
-20.00	80.00	0.00104	-20.00	70.00	0.00112
-20.00	60.00	0.00120	-20.00	50.00	0.00128
-20.00	40.00	0.00132	-20.00	30.00	0.00131
-20.00	25.00	0.00129	-20.00	20.00	0.00125
-20.00	17.00	0.00121	-20.00	15.00	0.00118
-20.00	13.00	0.00115	-20.00	11.00	0.00112
-20.00	9.00	0.00108	-20.00	-9.00	0.00065
-20.00	-11.00	0.00061	-20.00	-13.00	0.00059
-20.00	-15.00	0.00056	-20.00	-17.00	0.00055
-20.00	-20.00	0.00053	-20.00	-25.00	0.00051
-20.00	-30.00	0.00050	-20.00	-40.00	0.00050
-20.00	-50.00	0.00049	-20.00	-60.00	0.00048
-20.00	-70.00	0.00046	-20.00	-80.00	0.00044
-20.00	-90.00	0.00041	-20.00	-100.00	0.00039

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00076	-10.00	90.00	0.00082
-10.00	80.00	0.00087	-10.00	70.00	0.00093
-10.00	60.00	0.00097	-10.00	50.00	0.00100
-10.00	40.00	0.00100	-10.00	30.00	0.00097
-10.00	25.00	0.00094	-10.00	20.00	0.00091
-10.00	17.00	0.00089	-10.00	15.00	0.00087
-10.00	13.00	0.00085	-10.00	11.00	0.00083
-10.00	9.00	0.00080	-10.00	-9.00	0.00053
-10.00	-11.00	0.00050	-10.00	-13.00	0.00048
-10.00	-15.00	0.00046	-10.00	-17.00	0.00045
-10.00	-20.00	0.00043	-10.00	-25.00	0.00041
-10.00	-30.00	0.00040	-10.00	-40.00	0.00038
-10.00	-50.00	0.00038	-10.00	-60.00	0.00037
-10.00	-70.00	0.00036	-10.00	-80.00	0.00035
-10.00	-90.00	0.00034	-10.00	-100.00	0.00032
0.00	100.00	0.00066	0.00	90.00	0.00070

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

0.00	80.00	0.00073	0.00	70.00	0.00076
0.00	60.00	0.00078	0.00	50.00	0.00078
0.00	40.00	0.00077	0.00	30.00	0.00074
0.00	25.00	0.00072	0.00	20.00	0.00070
0.00	17.00	0.00068	0.00	15.00	0.00067
0.00	13.00	0.00066	0.00	11.00	0.00064
0.00	9.00	0.00062	0.00	-9.00	0.00044
0.00	-11.00	0.00042	0.00	-13.00	0.00040
0.00	-15.00	0.00039	0.00	-17.00	0.00038
0.00	-20.00	0.00036	0.00	-25.00	0.00034
0.00	-30.00	0.00033	0.00	-40.00	0.00031
0.00	-50.00	0.00030	0.00	-60.00	0.00030
0.00	-70.00	0.00029	0.00	-80.00	0.00029
0.00	-90.00	0.00028	0.00	-100.00	0.00027
10.00	100.00	0.00057	10.00	90.00	0.00060
10.00	80.00	0.00062	10.00	70.00	0.00063
10.00	60.00	0.00063	10.00	50.00	0.00062
10.00	40.00	0.00061	10.00	30.00	0.00058
10.00	25.00	0.00057	10.00	20.00	0.00056
10.00	17.00	0.00054	10.00	15.00	0.00054
10.00	13.00	0.00052	10.00	11.00	0.00051
10.00	9.00	0.00050	10.00	-9.00	0.00037
10.00	-11.00	0.00035	10.00	-13.00	0.00034
10.00	-15.00	0.00033	10.00	-17.00	0.00032

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

17:21:52
 **MODELOPTs:
 PAGE 93
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00031	10.00	-25.00	0.00029
10.00	-30.00	0.00027	10.00	-40.00	0.00026
10.00	-50.00	0.00025	10.00	-60.00	0.00025
10.00	-70.00	0.00024	10.00	-80.00	0.00024
10.00	-90.00	0.00023	10.00	-100.00	0.00023
20.00	100.00	0.00049	20.00	90.00	0.00051
20.00	80.00	0.00052	20.00	70.00	0.00052
20.00	60.00	0.00052	20.00	50.00	0.00051
20.00	40.00	0.00049	20.00	30.00	0.00047
20.00	25.00	0.00046	20.00	20.00	0.00045

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

20.00	17.00	0.00044	20.00	15.00	0.00044
20.00	13.00	0.00043	20.00	11.00	0.00042
20.00	9.00	0.00041	20.00	-9.00	0.00031
20.00	-11.00	0.00030	20.00	-13.00	0.00029
20.00	-15.00	0.00028	20.00	-17.00	0.00027
20.00	-20.00	0.00026	20.00	-25.00	0.00025
20.00	-30.00	0.00024	20.00	-40.00	0.00022
20.00	-50.00	0.00021	20.00	-60.00	0.00021
20.00	-70.00	0.00020	20.00	-80.00	0.00020
20.00	-90.00	0.00020	20.00	-100.00	0.00019
30.00	100.00	0.00043	30.00	90.00	0.00043
30.00	80.00	0.00044	30.00	70.00	0.00043
30.00	60.00	0.00043	30.00	50.00	0.00042
30.00	40.00	0.00040	30.00	30.00	0.00039
30.00	25.00	0.00039	30.00	20.00	0.00038
30.00	17.00	0.00037	30.00	15.00	0.00036
30.00	13.00	0.00036	30.00	11.00	0.00035
30.00	9.00	0.00034	30.00	-9.00	0.00027
30.00	-11.00	0.00026	30.00	-13.00	0.00025
30.00	-15.00	0.00024	30.00	-17.00	0.00024
30.00	-20.00	0.00023	30.00	-25.00	0.00022
30.00	-30.00	0.00020	30.00	-40.00	0.00019
30.00	-50.00	0.00018	30.00	-60.00	0.00018
30.00	-70.00	0.00017	30.00	-80.00	0.00017
30.00	-90.00	0.00017	30.00	-100.00	0.00017
40.00	100.00	0.00037	40.00	90.00	0.00037
40.00	80.00	0.00037	40.00	70.00	0.00037
40.00	60.00	0.00036	40.00	50.00	0.00035
40.00	40.00	0.00034	40.00	30.00	0.00033
40.00	25.00	0.00033	40.00	20.00	0.00032

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

17:21:52
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00031	40.00	15.00	0.00031
40.00	13.00	0.00030	40.00	11.00	0.00029
40.00	9.00	0.00029	40.00	-9.00	0.00023
40.00	-11.00	0.00023	40.00	-13.00	0.00022

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

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

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

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

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTS:
PAGE 96

CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00012	90.00	-25.00	0.00011
90.00	-30.00	0.00011	90.00	-40.00	0.00010
90.00	-50.00	0.00009	90.00	-60.00	0.00009
90.00	-70.00	0.00009	90.00	-80.00	0.00008
90.00	-90.00	0.00008	90.00	-100.00	0.00008
100.00	100.00	0.00017	100.00	90.00	0.00017
100.00	80.00	0.00016	100.00	70.00	0.00016
100.00	60.00	0.00016	100.00	50.00	0.00016
100.00	40.00	0.00016	100.00	30.00	0.00015
100.00	25.00	0.00015	100.00	20.00	0.00014
100.00	17.00	0.00014	100.00	15.00	0.00014
100.00	13.00	0.00014	100.00	11.00	0.00013
100.00	9.00	0.00013	100.00	-9.00	0.00012
100.00	-11.00	0.00011	100.00	-13.00	0.00011
100.00	-15.00	0.00011	100.00	-17.00	0.00011
100.00	-20.00	0.00011	100.00	-25.00	0.00010
100.00	-30.00	0.00010	100.00	-40.00	0.00009
100.00	-50.00	0.00008	100.00	-60.00	0.00008
100.00	-70.00	0.00008	100.00	-80.00	0.00008
100.00	-90.00	0.00007	100.00	-100.00	0.00007
110.00	100.00	0.00015	110.00	90.00	0.00015
110.00	80.00	0.00015	110.00	70.00	0.00015
110.00	60.00	0.00014	110.00	50.00	0.00014
110.00	40.00	0.00014	110.00	30.00	0.00014
110.00	25.00	0.00013	110.00	20.00	0.00013
110.00	17.00	0.00013	110.00	15.00	0.00012
110.00	13.00	0.00012	110.00	11.00	0.00012
110.00	9.00	0.00012	110.00	-9.00	0.00011
110.00	-11.00	0.00010	110.00	-13.00	0.00010
110.00	-15.00	0.00010	110.00	-17.00	0.00010
110.00	-20.00	0.00010	110.00	-25.00	0.00009
110.00	-30.00	0.00009	110.00	-40.00	0.00008
110.00	-50.00	0.00008	110.00	-60.00	0.00007
110.00	-70.00	0.00007	110.00	-80.00	0.00007
110.00	-90.00	0.00007	110.00	-100.00	0.00007
120.00	100.00	0.00014	120.00	90.00	0.00014

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

120.00	80.00	0.00013	120.00	70.00	0.00013
120.00	60.00	0.00013	120.00	50.00	0.00013
120.00	40.00	0.00013	120.00	30.00	0.00012
120.00	25.00	0.00012	120.00	20.00	0.00012

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

17:21:52
 **MODELOPTs:
 PAGE 97
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00011	120.00	15.00	0.00011
120.00	13.00	0.00011	120.00	11.00	0.00011
120.00	9.00	0.00011	120.00	-9.00	0.00010
120.00	-11.00	0.00009	120.00	-13.00	0.00009
120.00	-15.00	0.00009	120.00	-17.00	0.00009
120.00	-20.00	0.00009	120.00	-25.00	0.00008
120.00	-30.00	0.00008	120.00	-40.00	0.00008
120.00	-50.00	0.00007	120.00	-60.00	0.00007
120.00	-70.00	0.00007	120.00	-80.00	0.00006
120.00	-90.00	0.00006	120.00	-100.00	0.00006
130.00	100.00	0.00012	130.00	90.00	0.00012
130.00	80.00	0.00012	130.00	70.00	0.00012
130.00	60.00	0.00012	130.00	50.00	0.00012
130.00	40.00	0.00012	130.00	30.00	0.00011
130.00	25.00	0.00011	130.00	20.00	0.00011
130.00	17.00	0.00010	130.00	15.00	0.00010
130.00	13.00	0.00010	130.00	11.00	0.00010
130.00	9.00	0.00010	130.00	-9.00	0.00009
130.00	-11.00	0.00009	130.00	-13.00	0.00009
130.00	-15.00	0.00008	130.00	-17.00	0.00008
130.00	-20.00	0.00008	130.00	-25.00	0.00008
130.00	-30.00	0.00008	130.00	-40.00	0.00007
130.00	-50.00	0.00007	130.00	-60.00	0.00006
130.00	-70.00	0.00006	130.00	-80.00	0.00006
130.00	-90.00	0.00006	130.00	-100.00	0.00006
140.00	100.00	0.00011	140.00	90.00	0.00011
140.00	80.00	0.00011	140.00	70.00	0.00011
140.00	60.00	0.00011	140.00	50.00	0.00011
140.00	40.00	0.00011	140.00	30.00	0.00010
140.00	25.00	0.00010	140.00	20.00	0.00010

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

140.00	17.00	0.00009	140.00	15.00	0.00009
140.00	13.00	0.00009	140.00	11.00	0.00009
140.00	9.00	0.00009	140.00	-9.00	0.00008
140.00	-11.00	0.00008	140.00	-13.00	0.00008
140.00	-15.00	0.00008	140.00	-17.00	0.00008
140.00	-20.00	0.00008	140.00	-25.00	0.00007
140.00	-30.00	0.00007	140.00	-40.00	0.00007
140.00	-50.00	0.00006	140.00	-60.00	0.00006
140.00	-70.00	0.00006	140.00	-80.00	0.00005
140.00	-90.00	0.00005	140.00	-100.00	0.00005

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00010	150.00	90.00	0.00010
150.00	80.00	0.00010	150.00	70.00	0.00010
150.00	60.00	0.00010	150.00	50.00	0.00010
150.00	40.00	0.00010	150.00	30.00	0.00009
150.00	25.00	0.00009	150.00	20.00	0.00009
150.00	17.00	0.00009	150.00	15.00	0.00009
150.00	13.00	0.00009	150.00	11.00	0.00008
150.00	9.00	0.00008	150.00	-9.00	0.00007
150.00	-11.00	0.00007	150.00	-13.00	0.00007
150.00	-15.00	0.00007	150.00	-17.00	0.00007
150.00	-20.00	0.00007	150.00	-25.00	0.00007
150.00	-30.00	0.00007	150.00	-40.00	0.00006
150.00	-50.00	0.00006	150.00	-60.00	0.00005
150.00	-70.00	0.00005	150.00	-80.00	0.00005
150.00	-90.00	0.00005	150.00	-100.00	0.00005
160.00	100.00	0.00009	160.00	90.00	0.00009
160.00	80.00	0.00009	160.00	70.00	0.00009
160.00	60.00	0.00009	160.00	50.00	0.00009
160.00	40.00	0.00009	160.00	30.00	0.00009
160.00	25.00	0.00008	160.00	20.00	0.00008
160.00	17.00	0.00008	160.00	15.00	0.00008
160.00	13.00	0.00008	160.00	11.00	0.00008
160.00	9.00	0.00008	160.00	-9.00	0.00007
160.00	-11.00	0.00007	160.00	-13.00	0.00007

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

160.00	-15.00	0.00007	160.00	-17.00	0.00007
160.00	-20.00	0.00006	160.00	-25.00	0.00006
160.00	-30.00	0.00006	160.00	-40.00	0.00006
160.00	-50.00	0.00005	160.00	-60.00	0.00005
160.00	-70.00	0.00005	160.00	-80.00	0.00005
160.00	-90.00	0.00005	160.00	-100.00	0.00005
170.00	100.00	0.00009	170.00	90.00	0.00009
170.00	80.00	0.00009	170.00	70.00	0.00009
170.00	60.00	0.00009	170.00	50.00	0.00008
170.00	40.00	0.00008	170.00	30.00	0.00008
170.00	25.00	0.00008	170.00	20.00	0.00008
170.00	17.00	0.00007	170.00	15.00	0.00007
170.00	13.00	0.00007	170.00	11.00	0.00007
170.00	9.00	0.00007	170.00	-9.00	0.00006
170.00	-11.00	0.00006	170.00	-13.00	0.00006
170.00	-15.00	0.00006	170.00	-17.00	0.00006

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
 PAGE 99

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00006	170.00	-25.00	0.00006
170.00	-30.00	0.00006	170.00	-40.00	0.00005
170.00	-50.00	0.00005	170.00	-60.00	0.00005
170.00	-70.00	0.00005	170.00	-80.00	0.00004
170.00	-90.00	0.00004	170.00	-100.00	0.00004
180.00	100.00	0.00008	180.00	90.00	0.00008
180.00	80.00	0.00008	180.00	70.00	0.00008
180.00	60.00	0.00008	180.00	50.00	0.00008
180.00	40.00	0.00008	180.00	30.00	0.00007
180.00	25.00	0.00007	180.00	20.00	0.00007
180.00	17.00	0.00007	180.00	15.00	0.00007
180.00	13.00	0.00007	180.00	11.00	0.00007
180.00	9.00	0.00007	180.00	-9.00	0.00006
180.00	-11.00	0.00006	180.00	-13.00	0.00006
180.00	-15.00	0.00006	180.00	-17.00	0.00006
180.00	-20.00	0.00006	180.00	-25.00	0.00005
180.00	-30.00	0.00005	180.00	-40.00	0.00005
180.00	-50.00	0.00005	180.00	-60.00	0.00004

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

180.00	-70.00	0.00004	180.00	-80.00	0.00004
180.00	-90.00	0.00004	180.00	-100.00	0.00004
190.00	100.00	0.00008	190.00	90.00	0.00007
190.00	80.00	0.00007	190.00	70.00	0.00007
190.00	60.00	0.00007	190.00	50.00	0.00007
190.00	40.00	0.00007	190.00	30.00	0.00007
190.00	25.00	0.00007	190.00	20.00	0.00006
190.00	17.00	0.00006	190.00	15.00	0.00006
190.00	13.00	0.00006	190.00	11.00	0.00006
190.00	9.00	0.00006	190.00	-9.00	0.00006
190.00	-11.00	0.00006	190.00	-13.00	0.00005
190.00	-15.00	0.00005	190.00	-17.00	0.00005
190.00	-20.00	0.00005	190.00	-25.00	0.00005
190.00	-30.00	0.00005	190.00	-40.00	0.00005
190.00	-50.00	0.00004	190.00	-60.00	0.00004
190.00	-70.00	0.00004	190.00	-80.00	0.00004
190.00	-90.00	0.00004	190.00	-100.00	0.00004
200.00	100.00	0.00007	200.00	90.00	0.00007
200.00	80.00	0.00007	200.00	70.00	0.00007
200.00	60.00	0.00007	200.00	50.00	0.00007
200.00	40.00	0.00007	200.00	30.00	0.00006
200.00	25.00	0.00006	200.00	20.00	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 17:21:52 *** Maximum train overlap at East/West Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00006	200.00	15.00	0.00006
200.00	13.00	0.00006	200.00	11.00	0.00006
200.00	9.00	0.00006	200.00	-9.00	0.00005
200.00	-11.00	0.00005	200.00	-13.00	0.00005
200.00	-15.00	0.00005	200.00	-17.00	0.00005
200.00	-20.00	0.00005	200.00	-25.00	0.00005
200.00	-30.00	0.00005	200.00	-40.00	0.00004
200.00	-50.00	0.00004	200.00	-60.00	0.00004
200.00	-70.00	0.00004	200.00	-80.00	0.00004
200.00	-90.00	0.00004	200.00	-100.00	0.00004
210.00	100.00	0.00007	210.00	90.00	0.00007
210.00	80.00	0.00007	210.00	70.00	0.00007

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

210.00	60.00	0.00006	210.00	50.00	0.00006
210.00	40.00	0.00006	210.00	30.00	0.00006
210.00	25.00	0.00006	210.00	20.00	0.00006
210.00	17.00	0.00006	210.00	15.00	0.00006
210.00	13.00	0.00005	210.00	11.00	0.00005
210.00	9.00	0.00005	210.00	-9.00	0.00005
210.00	-11.00	0.00005	210.00	-13.00	0.00005
210.00	-15.00	0.00005	210.00	-17.00	0.00005
210.00	-20.00	0.00005	210.00	-25.00	0.00005
210.00	-30.00	0.00004	210.00	-40.00	0.00004
210.00	-50.00	0.00004	210.00	-60.00	0.00004
210.00	-70.00	0.00004	210.00	-80.00	0.00004
210.00	-90.00	0.00003	210.00	-100.00	0.00003
220.00	100.00	0.00006	220.00	90.00	0.00006
220.00	80.00	0.00006	220.00	70.00	0.00006
220.00	60.00	0.00006	220.00	50.00	0.00006
220.00	40.00	0.00006	220.00	30.00	0.00005
220.00	25.00	0.00005	220.00	20.00	0.00005
220.00	17.00	0.00005	220.00	15.00	0.00005
220.00	13.00	0.00005	220.00	11.00	0.00005
220.00	9.00	0.00005	220.00	-9.00	0.00005
220.00	-11.00	0.00005	220.00	-13.00	0.00005
220.00	-15.00	0.00005	220.00	-17.00	0.00004
220.00	-20.00	0.00004	220.00	-25.00	0.00004
220.00	-30.00	0.00004	220.00	-40.00	0.00004
220.00	-50.00	0.00004	220.00	-60.00	0.00004
220.00	-70.00	0.00003	220.00	-80.00	0.00003
220.00	-90.00	0.00003	220.00	-100.00	0.00003

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

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*** Maximum train overlap at East/West Bound Direction ***

**MODELOPTs:
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00006	230.00	90.00	0.00006
230.00	80.00	0.00006	230.00	70.00	0.00006
230.00	60.00	0.00006	230.00	50.00	0.00006
230.00	40.00	0.00005	230.00	30.00	0.00005
230.00	25.00	0.00005	230.00	20.00	0.00005
230.00	17.00	0.00005	230.00	15.00	0.00005

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

230.00	13.00	0.00005	230.00	11.00	0.00005
230.00	9.00	0.00005	230.00	-9.00	0.00004
230.00	-11.00	0.00004	230.00	-13.00	0.00004
230.00	-15.00	0.00004	230.00	-17.00	0.00004
230.00	-20.00	0.00004	230.00	-25.00	0.00004
230.00	-30.00	0.00004	230.00	-40.00	0.00004
230.00	-50.00	0.00004	230.00	-60.00	0.00003
230.00	-70.00	0.00003	230.00	-80.00	0.00003
230.00	-90.00	0.00003	230.00	-100.00	0.00003
240.00	100.00	0.00005	240.00	90.00	0.00005
240.00	80.00	0.00005	240.00	70.00	0.00005
240.00	60.00	0.00005	240.00	50.00	0.00005
240.00	40.00	0.00005	240.00	30.00	0.00005
240.00	25.00	0.00005	240.00	20.00	0.00005
240.00	17.00	0.00005	240.00	15.00	0.00005
240.00	13.00	0.00005	240.00	11.00	0.00004
240.00	9.00	0.00004	240.00	-9.00	0.00004
240.00	-11.00	0.00004	240.00	-13.00	0.00004
240.00	-15.00	0.00004	240.00	-17.00	0.00004
240.00	-20.00	0.00004	240.00	-25.00	0.00004
240.00	-30.00	0.00004	240.00	-40.00	0.00004
240.00	-50.00	0.00003	240.00	-60.00	0.00003
240.00	-70.00	0.00003	240.00	-80.00	0.00003
240.00	-90.00	0.00003	240.00	-100.00	0.00003
250.00	100.00	0.00005	250.00	90.00	0.00005
250.00	80.00	0.00005	250.00	70.00	0.00005
250.00	60.00	0.00005	250.00	50.00	0.00005
250.00	40.00	0.00005	250.00	30.00	0.00005
250.00	25.00	0.00004	250.00	20.00	0.00004
250.00	17.00	0.00004	250.00	15.00	0.00004
250.00	13.00	0.00004	250.00	11.00	0.00004
250.00	9.00	0.00004	250.00	-9.00	0.00004
250.00	-11.00	0.00004	250.00	-13.00	0.00004
250.00	-15.00	0.00004	250.00	-17.00	0.00004

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

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

250.00	-20.00	0.00004	250.00	-25.00	0.00004
250.00	-30.00	0.00004	250.00	-40.00	0.00003
250.00	-50.00	0.00003	250.00	-60.00	0.00003
250.00	-70.00	0.00003	250.00	-80.00	0.00003
250.00	-90.00	0.00003	250.00	-100.00	0.00003

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00067	-250.00	90.00	0.00070
-250.00	80.00	0.00073	-250.00	70.00	0.00076
-250.00	60.00	0.00078	-250.00	50.00	0.00081
-250.00	40.00	0.00085	-250.00	30.00	0.00093
-250.00	25.00	0.00101	-250.00	20.00	0.00111
-250.00	17.00	0.00120	-250.00	15.00	0.00127
-250.00	13.00	0.00134	-250.00	11.00	0.00142
-250.00	9.00	0.00151	-250.00	-9.00	0.00246
-250.00	-11.00	0.00255	-250.00	-13.00	0.00263
-250.00	-15.00	0.00268	-250.00	-17.00	0.00272
-250.00	-20.00	0.00276	-250.00	-25.00	0.00278
-250.00	-30.00	0.00274	-250.00	-40.00	0.00255
-250.00	-50.00	0.00231	-250.00	-60.00	0.00206
-250.00	-70.00	0.00182	-250.00	-80.00	0.00161
-250.00	-90.00	0.00142	-250.00	-100.00	0.00125
-240.00	100.00	0.00085	-240.00	90.00	0.00091
-240.00	80.00	0.00097	-240.00	70.00	0.00103
-240.00	60.00	0.00109	-240.00	50.00	0.00113
-240.00	40.00	0.00117	-240.00	30.00	0.00121
-240.00	25.00	0.00125	-240.00	20.00	0.00131
-240.00	17.00	0.00138	-240.00	15.00	0.00145
-240.00	13.00	0.00153	-240.00	11.00	0.00162
-240.00	9.00	0.00173	-240.00	-9.00	0.00318
-240.00	-11.00	0.00327	-240.00	-13.00	0.00334
-240.00	-15.00	0.00338	-240.00	-17.00	0.00340
-240.00	-20.00	0.00340	-240.00	-25.00	0.00334
-240.00	-30.00	0.00322	-240.00	-40.00	0.00292
-240.00	-50.00	0.00259	-240.00	-60.00	0.00227
-240.00	-70.00	0.00198	-240.00	-80.00	0.00172

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-140.00	100.00	0.00139	-140.00	90.00	0.00157
-140.00	80.00	0.00179	-140.00	70.00	0.00205
-140.00	60.00	0.00236	-140.00	50.00	0.00273
-140.00	40.00	0.00317	-140.00	30.00	0.00370
-140.00	25.00	0.00400	-140.00	20.00	0.00432
-140.00	17.00	0.00450	-140.00	15.00	0.00461
-140.00	13.00	0.00471	-140.00	11.00	0.00479
-140.00	9.00	0.00485	-140.00	-9.00	0.00229
-140.00	-11.00	0.00211	-140.00	-13.00	0.00198
-140.00	-15.00	0.00189	-140.00	-17.00	0.00182
-140.00	-20.00	0.00173	-140.00	-25.00	0.00162
-140.00	-30.00	0.00152	-140.00	-40.00	0.00135
-140.00	-50.00	0.00120	-140.00	-60.00	0.00107
-140.00	-70.00	0.00094	-140.00	-80.00	0.00084
-140.00	-90.00	0.00075	-140.00	-100.00	0.00067
-130.00	100.00	0.00120	-130.00	90.00	0.00135
-130.00	80.00	0.00151	-130.00	70.00	0.00169
-130.00	60.00	0.00190	-130.00	50.00	0.00212
-130.00	40.00	0.00236	-130.00	30.00	0.00260
-130.00	25.00	0.00271	-130.00	20.00	0.00279
-130.00	17.00	0.00281	-130.00	15.00	0.00280
-130.00	13.00	0.00278	-130.00	11.00	0.00272
-130.00	9.00	0.00262	-130.00	-9.00	0.00111
-130.00	-11.00	0.00108	-130.00	-13.00	0.00106
-130.00	-15.00	0.00104	-130.00	-17.00	0.00103
-130.00	-20.00	0.00102	-130.00	-25.00	0.00101
-130.00	-30.00	0.00099	-130.00	-40.00	0.00094
-130.00	-50.00	0.00088	-130.00	-60.00	0.00081
-130.00	-70.00	0.00074	-130.00	-80.00	0.00067
-130.00	-90.00	0.00061	-130.00	-100.00	0.00056
-120.00	100.00	0.00103	-120.00	90.00	0.00114
-120.00	80.00	0.00125	-120.00	70.00	0.00137
-120.00	60.00	0.00150	-120.00	50.00	0.00163
-120.00	40.00	0.00175	-120.00	30.00	0.00183
-120.00	25.00	0.00184	-120.00	20.00	0.00182

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTs:
 PAGE 108

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00178	-120.00	15.00	0.00174
-120.00	13.00	0.00169	-120.00	11.00	0.00164
-120.00	9.00	0.00157	-120.00	-9.00	0.00081
-120.00	-11.00	0.00077	-120.00	-13.00	0.00074
-120.00	-15.00	0.00072	-120.00	-17.00	0.00070
-120.00	-20.00	0.00069	-120.00	-25.00	0.00068
-120.00	-30.00	0.00068	-120.00	-40.00	0.00067
-120.00	-50.00	0.00065	-120.00	-60.00	0.00062
-120.00	-70.00	0.00058	-120.00	-80.00	0.00054
-120.00	-90.00	0.00050	-120.00	-100.00	0.00046
-110.00	100.00	0.00089	-110.00	90.00	0.00096
-110.00	80.00	0.00104	-110.00	70.00	0.00112
-110.00	60.00	0.00120	-110.00	50.00	0.00128
-110.00	40.00	0.00132	-110.00	30.00	0.00131
-110.00	25.00	0.00129	-110.00	20.00	0.00125
-110.00	17.00	0.00121	-110.00	15.00	0.00118
-110.00	13.00	0.00115	-110.00	11.00	0.00112
-110.00	9.00	0.00108	-110.00	-9.00	0.00065
-110.00	-11.00	0.00061	-110.00	-13.00	0.00059
-110.00	-15.00	0.00056	-110.00	-17.00	0.00055
-110.00	-20.00	0.00053	-110.00	-25.00	0.00051
-110.00	-30.00	0.00050	-110.00	-40.00	0.00050
-110.00	-50.00	0.00049	-110.00	-60.00	0.00048
-110.00	-70.00	0.00046	-110.00	-80.00	0.00044
-110.00	-90.00	0.00041	-110.00	-100.00	0.00039
-100.00	100.00	0.00076	-100.00	90.00	0.00082
-100.00	80.00	0.00087	-100.00	70.00	0.00093
-100.00	60.00	0.00097	-100.00	50.00	0.00100
-100.00	40.00	0.00100	-100.00	30.00	0.00097
-100.00	25.00	0.00094	-100.00	20.00	0.00091
-100.00	17.00	0.00089	-100.00	15.00	0.00087
-100.00	13.00	0.00085	-100.00	11.00	0.00083
-100.00	9.00	0.00080	-100.00	-9.00	0.00053
-100.00	-11.00	0.00050	-100.00	-13.00	0.00048
-100.00	-15.00	0.00046	-100.00	-17.00	0.00045
-100.00	-20.00	0.00043	-100.00	-25.00	0.00041
-100.00	-30.00	0.00040	-100.00	-40.00	0.00038
-100.00	-50.00	0.00038	-100.00	-60.00	0.00037
-100.00	-70.00	0.00036	-100.00	-80.00	0.00035
-100.00	-90.00	0.00034	-100.00	-100.00	0.00032

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTS:

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00066	-90.00	90.00	0.00070
-90.00	80.00	0.00073	-90.00	70.00	0.00076
-90.00	60.00	0.00078	-90.00	50.00	0.00078
-90.00	40.00	0.00077	-90.00	30.00	0.00074
-90.00	25.00	0.00072	-90.00	20.00	0.00070
-90.00	17.00	0.00068	-90.00	15.00	0.00067
-90.00	13.00	0.00066	-90.00	11.00	0.00064
-90.00	9.00	0.00062	-90.00	-9.00	0.00044
-90.00	-11.00	0.00042	-90.00	-13.00	0.00040
-90.00	-15.00	0.00039	-90.00	-17.00	0.00038
-90.00	-20.00	0.00036	-90.00	-25.00	0.00034
-90.00	-30.00	0.00033	-90.00	-40.00	0.00031
-90.00	-50.00	0.00030	-90.00	-60.00	0.00030
-90.00	-70.00	0.00029	-90.00	-80.00	0.00029
-90.00	-90.00	0.00028	-90.00	-100.00	0.00027
-80.00	100.00	0.00057	-80.00	90.00	0.00060
-80.00	80.00	0.00062	-80.00	70.00	0.00063
-80.00	60.00	0.00063	-80.00	50.00	0.00062
-80.00	40.00	0.00061	-80.00	30.00	0.00058
-80.00	25.00	0.00057	-80.00	20.00	0.00056
-80.00	17.00	0.00054	-80.00	15.00	0.00054
-80.00	13.00	0.00052	-80.00	11.00	0.00051
-80.00	9.00	0.00050	-80.00	-9.00	0.00037
-80.00	-11.00	0.00035	-80.00	-13.00	0.00034
-80.00	-15.00	0.00033	-80.00	-17.00	0.00032
-80.00	-20.00	0.00031	-80.00	-25.00	0.00029
-80.00	-30.00	0.00027	-80.00	-40.00	0.00026
-80.00	-50.00	0.00025	-80.00	-60.00	0.00025
-80.00	-70.00	0.00024	-80.00	-80.00	0.00024
-80.00	-90.00	0.00023	-80.00	-100.00	0.00023
-70.00	100.00	0.00049	-70.00	90.00	0.00051
-70.00	80.00	0.00052	-70.00	70.00	0.00052
-70.00	60.00	0.00052	-70.00	50.00	0.00051
-70.00	40.00	0.00049	-70.00	30.00	0.00047
-70.00	25.00	0.00046	-70.00	20.00	0.00045
-70.00	17.00	0.00044	-70.00	15.00	0.00044
-70.00	13.00	0.00043	-70.00	11.00	0.00042

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-70.00	9.00	0.00041	-70.00	-9.00	0.00031
-70.00	-11.00	0.00030	-70.00	-13.00	0.00029
-70.00	-15.00	0.00028	-70.00	-17.00	0.00027

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

17:21:52
 **MODELOPTs:
 PAGE 110

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00026	-70.00	-25.00	0.00025
-70.00	-30.00	0.00024	-70.00	-40.00	0.00022
-70.00	-50.00	0.00021	-70.00	-60.00	0.00021
-70.00	-70.00	0.00020	-70.00	-80.00	0.00020
-70.00	-90.00	0.00020	-70.00	-100.00	0.00019
-60.00	100.00	0.00043	-60.00	90.00	0.00043
-60.00	80.00	0.00044	-60.00	70.00	0.00043
-60.00	60.00	0.00043	-60.00	50.00	0.00042
-60.00	40.00	0.00040	-60.00	30.00	0.00039
-60.00	25.00	0.00039	-60.00	20.00	0.00038
-60.00	17.00	0.00037	-60.00	15.00	0.00036
-60.00	13.00	0.00036	-60.00	11.00	0.00035
-60.00	9.00	0.00034	-60.00	-9.00	0.00027
-60.00	-11.00	0.00026	-60.00	-13.00	0.00025
-60.00	-15.00	0.00024	-60.00	-17.00	0.00024
-60.00	-20.00	0.00023	-60.00	-25.00	0.00022
-60.00	-30.00	0.00020	-60.00	-40.00	0.00019
-60.00	-50.00	0.00018	-60.00	-60.00	0.00018
-60.00	-70.00	0.00017	-60.00	-80.00	0.00017
-60.00	-90.00	0.00017	-60.00	-100.00	0.00017
-50.00	100.00	0.00037	-50.00	90.00	0.00037
-50.00	80.00	0.00037	-50.00	70.00	0.00037
-50.00	60.00	0.00036	-50.00	50.00	0.00035
-50.00	40.00	0.00034	-50.00	30.00	0.00033
-50.00	25.00	0.00033	-50.00	20.00	0.00032
-50.00	17.00	0.00031	-50.00	15.00	0.00031
-50.00	13.00	0.00030	-50.00	11.00	0.00029
-50.00	9.00	0.00029	-50.00	-9.00	0.00023
-50.00	-11.00	0.00023	-50.00	-13.00	0.00022
-50.00	-15.00	0.00021	-50.00	-17.00	0.00021
-50.00	-20.00	0.00020	-50.00	-25.00	0.00019

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-50.00	-30.00	0.00018	-50.00	-40.00	0.00017
-50.00	-50.00	0.00016	-50.00	-60.00	0.00015
-50.00	-70.00	0.00015	-50.00	-80.00	0.00015
-50.00	-90.00	0.00015	-50.00	-100.00	0.00014
-40.00	100.00	0.00032	-40.00	90.00	0.00032
-40.00	80.00	0.00032	-40.00	70.00	0.00031
-40.00	60.00	0.00031	-40.00	50.00	0.00030
-40.00	40.00	0.00029	-40.00	30.00	0.00029
-40.00	25.00	0.00028	-40.00	20.00	0.00027

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

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

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

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

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

PAGE 112

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00022	-10.00	90.00	0.00021
-10.00	80.00	0.00021	-10.00	70.00	0.00020
-10.00	60.00	0.00020	-10.00	50.00	0.00020
-10.00	40.00	0.00020	-10.00	30.00	0.00019
-10.00	25.00	0.00019	-10.00	20.00	0.00018
-10.00	17.00	0.00018	-10.00	15.00	0.00017
-10.00	13.00	0.00017	-10.00	11.00	0.00017
-10.00	9.00	0.00017	-10.00	-9.00	0.00014
-10.00	-11.00	0.00014	-10.00	-13.00	0.00014
-10.00	-15.00	0.00013	-10.00	-17.00	0.00013
-10.00	-20.00	0.00013	-10.00	-25.00	0.00012
-10.00	-30.00	0.00012	-10.00	-40.00	0.00011
-10.00	-50.00	0.00010	-10.00	-60.00	0.00010
-10.00	-70.00	0.00009	-10.00	-80.00	0.00009
-10.00	-90.00	0.00009	-10.00	-100.00	0.00009
0.00	100.00	0.00019	0.00	90.00	0.00019
0.00	80.00	0.00019	0.00	70.00	0.00018
0.00	60.00	0.00018	0.00	50.00	0.00018
0.00	40.00	0.00018	0.00	30.00	0.00017

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

0.00	25.00	0.00017	0.00	20.00	0.00016
0.00	17.00	0.00016	0.00	15.00	0.00015
0.00	13.00	0.00015	0.00	11.00	0.00015
0.00	9.00	0.00015	0.00	-9.00	0.00013
0.00	-11.00	0.00013	0.00	-13.00	0.00012
0.00	-15.00	0.00012	0.00	-17.00	0.00012
0.00	-20.00	0.00012	0.00	-25.00	0.00011
0.00	-30.00	0.00011	0.00	-40.00	0.00010
0.00	-50.00	0.00009	0.00	-60.00	0.00009
0.00	-70.00	0.00009	0.00	-80.00	0.00008
0.00	-90.00	0.00008	0.00	-100.00	0.00008
10.00	100.00	0.00017	10.00	90.00	0.00017
10.00	80.00	0.00016	10.00	70.00	0.00016
10.00	60.00	0.00016	10.00	50.00	0.00016
10.00	40.00	0.00016	10.00	30.00	0.00015
10.00	25.00	0.00015	10.00	20.00	0.00014
10.00	17.00	0.00014	10.00	15.00	0.00014
10.00	13.00	0.00014	10.00	11.00	0.00013
10.00	9.00	0.00013	10.00	-9.00	0.00012
10.00	-11.00	0.00011	10.00	-13.00	0.00011
10.00	-15.00	0.00011	10.00	-17.00	0.00011

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
 PAGE 113

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00011	10.00	-25.00	0.00010
10.00	-30.00	0.00010	10.00	-40.00	0.00009
10.00	-50.00	0.00008	10.00	-60.00	0.00008
10.00	-70.00	0.00008	10.00	-80.00	0.00008
10.00	-90.00	0.00007	10.00	-100.00	0.00007
20.00	100.00	0.00015	20.00	90.00	0.00015
20.00	80.00	0.00015	20.00	70.00	0.00015
20.00	60.00	0.00014	20.00	50.00	0.00014
20.00	40.00	0.00014	20.00	30.00	0.00014
20.00	25.00	0.00013	20.00	20.00	0.00013
20.00	17.00	0.00013	20.00	15.00	0.00012
20.00	13.00	0.00012	20.00	11.00	0.00012
20.00	9.00	0.00012	20.00	-9.00	0.00011

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

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

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

*** Maximum train overlap at East/West Bound Direction ***

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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
40.00	17.00	0.00010	40.00	15.00	0.00010
40.00	13.00	0.00010	40.00	11.00	0.00010
40.00	9.00	0.00010	40.00	-9.00	0.00009
40.00	-11.00	0.00009	40.00	-13.00	0.00009
40.00	-15.00	0.00008	40.00	-17.00	0.00008
40.00	-20.00	0.00008	40.00	-25.00	0.00008
40.00	-30.00	0.00008	40.00	-40.00	0.00007

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

40.00	-50.00	0.00007	40.00	-60.00	0.00006
40.00	-70.00	0.00006	40.00	-80.00	0.00006
40.00	-90.00	0.00006	40.00	-100.00	0.00006
50.00	100.00	0.00011	50.00	90.00	0.00011
50.00	80.00	0.00011	50.00	70.00	0.00011
50.00	60.00	0.00011	50.00	50.00	0.00011
50.00	40.00	0.00011	50.00	30.00	0.00010
50.00	25.00	0.00010	50.00	20.00	0.00010
50.00	17.00	0.00009	50.00	15.00	0.00009
50.00	13.00	0.00009	50.00	11.00	0.00009
50.00	9.00	0.00009	50.00	-9.00	0.00008
50.00	-11.00	0.00008	50.00	-13.00	0.00008
50.00	-15.00	0.00008	50.00	-17.00	0.00008
50.00	-20.00	0.00008	50.00	-25.00	0.00007
50.00	-30.00	0.00007	50.00	-40.00	0.00007
50.00	-50.00	0.00006	50.00	-60.00	0.00006
50.00	-70.00	0.00006	50.00	-80.00	0.00005
50.00	-90.00	0.00005	50.00	-100.00	0.00005
60.00	100.00	0.00010	60.00	90.00	0.00010
60.00	80.00	0.00010	60.00	70.00	0.00010
60.00	60.00	0.00010	60.00	50.00	0.00010
60.00	40.00	0.00010	60.00	30.00	0.00009
60.00	25.00	0.00009	60.00	20.00	0.00009
60.00	17.00	0.00009	60.00	15.00	0.00009
60.00	13.00	0.00009	60.00	11.00	0.00008
60.00	9.00	0.00008	60.00	-9.00	0.00007
60.00	-11.00	0.00007	60.00	-13.00	0.00007
60.00	-15.00	0.00007	60.00	-17.00	0.00007
60.00	-20.00	0.00007	60.00	-25.00	0.00007
60.00	-30.00	0.00007	60.00	-40.00	0.00006
60.00	-50.00	0.00006	60.00	-60.00	0.00005
60.00	-70.00	0.00005	60.00	-80.00	0.00005
60.00	-90.00	0.00005	60.00	-100.00	0.00005

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00009	70.00	90.00	0.00009

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

70.00	80.00	0.00009	70.00	70.00	0.00009
70.00	60.00	0.00009	70.00	50.00	0.00009
70.00	40.00	0.00009	70.00	30.00	0.00009
70.00	25.00	0.00008	70.00	20.00	0.00008
70.00	17.00	0.00008	70.00	15.00	0.00008
70.00	13.00	0.00008	70.00	11.00	0.00008
70.00	9.00	0.00008	70.00	-9.00	0.00007
70.00	-11.00	0.00007	70.00	-13.00	0.00007
70.00	-15.00	0.00007	70.00	-17.00	0.00007
70.00	-20.00	0.00006	70.00	-25.00	0.00006
70.00	-30.00	0.00006	70.00	-40.00	0.00006
70.00	-50.00	0.00005	70.00	-60.00	0.00005
70.00	-70.00	0.00005	70.00	-80.00	0.00005
70.00	-90.00	0.00005	70.00	-100.00	0.00005
80.00	100.00	0.00009	80.00	90.00	0.00009
80.00	80.00	0.00009	80.00	70.00	0.00009
80.00	60.00	0.00009	80.00	50.00	0.00008
80.00	40.00	0.00008	80.00	30.00	0.00008
80.00	25.00	0.00008	80.00	20.00	0.00008
80.00	17.00	0.00007	80.00	15.00	0.00007
80.00	13.00	0.00007	80.00	11.00	0.00007
80.00	9.00	0.00007	80.00	-9.00	0.00006
80.00	-11.00	0.00006	80.00	-13.00	0.00006
80.00	-15.00	0.00006	80.00	-17.00	0.00006
80.00	-20.00	0.00006	80.00	-25.00	0.00006
80.00	-30.00	0.00006	80.00	-40.00	0.00005
80.00	-50.00	0.00005	80.00	-60.00	0.00005
80.00	-70.00	0.00005	80.00	-80.00	0.00004
80.00	-90.00	0.00004	80.00	-100.00	0.00004
90.00	100.00	0.00008	90.00	90.00	0.00008
90.00	80.00	0.00008	90.00	70.00	0.00008
90.00	60.00	0.00008	90.00	50.00	0.00008
90.00	40.00	0.00008	90.00	30.00	0.00007
90.00	25.00	0.00007	90.00	20.00	0.00007
90.00	17.00	0.00007	90.00	15.00	0.00007
90.00	13.00	0.00007	90.00	11.00	0.00007
90.00	9.00	0.00007	90.00	-9.00	0.00006
90.00	-11.00	0.00006	90.00	-13.00	0.00006
90.00	-15.00	0.00006	90.00	-17.00	0.00006

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
90.00	-20.00	0.00006	90.00	-25.00	0.00005	
90.00	-30.00	0.00005	90.00	-40.00	0.00005	
90.00	-50.00	0.00005	90.00	-60.00	0.00004	
90.00	-70.00	0.00004	90.00	-80.00	0.00004	
90.00	-90.00	0.00004	90.00	-100.00	0.00004	
100.00	100.00	0.00008	100.00	90.00	0.00007	
100.00	80.00	0.00007	100.00	70.00	0.00007	
100.00	60.00	0.00007	100.00	50.00	0.00007	
100.00	40.00	0.00007	100.00	30.00	0.00007	
100.00	25.00	0.00007	100.00	20.00	0.00006	
100.00	17.00	0.00006	100.00	15.00	0.00006	
100.00	13.00	0.00006	100.00	11.00	0.00006	
100.00	9.00	0.00006	100.00	-9.00	0.00006	
100.00	-11.00	0.00006	100.00	-13.00	0.00005	
100.00	-15.00	0.00005	100.00	-17.00	0.00005	
100.00	-20.00	0.00005	100.00	-25.00	0.00005	
100.00	-30.00	0.00005	100.00	-40.00	0.00005	
100.00	-50.00	0.00004	100.00	-60.00	0.00004	
100.00	-70.00	0.00004	100.00	-80.00	0.00004	
100.00	-90.00	0.00004	100.00	-100.00	0.00004	
110.00	100.00	0.00007	110.00	90.00	0.00007	
110.00	80.00	0.00007	110.00	70.00	0.00007	
110.00	60.00	0.00007	110.00	50.00	0.00007	
110.00	40.00	0.00007	110.00	30.00	0.00006	
110.00	25.00	0.00006	110.00	20.00	0.00006	
110.00	17.00	0.00006	110.00	15.00	0.00006	
110.00	13.00	0.00006	110.00	11.00	0.00006	
110.00	9.00	0.00006	110.00	-9.00	0.00005	
110.00	-11.00	0.00005	110.00	-13.00	0.00005	
110.00	-15.00	0.00005	110.00	-17.00	0.00005	
110.00	-20.00	0.00005	110.00	-25.00	0.00005	
110.00	-30.00	0.00005	110.00	-40.00	0.00004	
110.00	-50.00	0.00004	110.00	-60.00	0.00004	
110.00	-70.00	0.00004	110.00	-80.00	0.00004	
110.00	-90.00	0.00004	110.00	-100.00	0.00004	
120.00	100.00	0.00007	120.00	90.00	0.00007	
120.00	80.00	0.00007	120.00	70.00	0.00007	
120.00	60.00	0.00006	120.00	50.00	0.00006	
120.00	40.00	0.00006	120.00	30.00	0.00006	

120.00 25.00 0.00006 120.00 20.00 0.00006

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

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00006	120.00	15.00	0.00006
120.00	13.00	0.00005	120.00	11.00	0.00005
120.00	9.00	0.00005	120.00	-9.00	0.00005
120.00	-11.00	0.00005	120.00	-13.00	0.00005
120.00	-15.00	0.00005	120.00	-17.00	0.00005
120.00	-20.00	0.00005	120.00	-25.00	0.00005
120.00	-30.00	0.00004	120.00	-40.00	0.00004
120.00	-50.00	0.00004	120.00	-60.00	0.00004
120.00	-70.00	0.00004	120.00	-80.00	0.00004
120.00	-90.00	0.00003	120.00	-100.00	0.00003
130.00	100.00	0.00006	130.00	90.00	0.00006
130.00	80.00	0.00006	130.00	70.00	0.00006
130.00	60.00	0.00006	130.00	50.00	0.00006
130.00	40.00	0.00006	130.00	30.00	0.00005
130.00	25.00	0.00005	130.00	20.00	0.00005
130.00	17.00	0.00005	130.00	15.00	0.00005
130.00	13.00	0.00005	130.00	11.00	0.00005
130.00	9.00	0.00005	130.00	-9.00	0.00005
130.00	-11.00	0.00005	130.00	-13.00	0.00005
130.00	-15.00	0.00005	130.00	-17.00	0.00004
130.00	-20.00	0.00004	130.00	-25.00	0.00004
130.00	-30.00	0.00004	130.00	-40.00	0.00004
130.00	-50.00	0.00004	130.00	-60.00	0.00004
130.00	-70.00	0.00003	130.00	-80.00	0.00003
130.00	-90.00	0.00003	130.00	-100.00	0.00003
140.00	100.00	0.00006	140.00	90.00	0.00006
140.00	80.00	0.00006	140.00	70.00	0.00006
140.00	60.00	0.00006	140.00	50.00	0.00006
140.00	40.00	0.00005	140.00	30.00	0.00005
140.00	25.00	0.00005	140.00	20.00	0.00005
140.00	17.00	0.00005	140.00	15.00	0.00005
140.00	13.00	0.00005	140.00	11.00	0.00005
140.00	9.00	0.00005	140.00	-9.00	0.00004

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

140.00	-11.00	0.00004	140.00	-13.00	0.00004
140.00	-15.00	0.00004	140.00	-17.00	0.00004
140.00	-20.00	0.00004	140.00	-25.00	0.00004
140.00	-30.00	0.00004	140.00	-40.00	0.00004
140.00	-50.00	0.00004	140.00	-60.00	0.00003
140.00	-70.00	0.00003	140.00	-80.00	0.00003
140.00	-90.00	0.00003	140.00	-100.00	0.00003

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

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00005	150.00	90.00	0.00005
150.00	80.00	0.00005	150.00	70.00	0.00005
150.00	60.00	0.00005	150.00	50.00	0.00005
150.00	40.00	0.00005	150.00	30.00	0.00005
150.00	25.00	0.00005	150.00	20.00	0.00005
150.00	17.00	0.00005	150.00	15.00	0.00005
150.00	13.00	0.00005	150.00	11.00	0.00004
150.00	9.00	0.00004	150.00	-9.00	0.00004
150.00	-11.00	0.00004	150.00	-13.00	0.00004
150.00	-15.00	0.00004	150.00	-17.00	0.00004
150.00	-20.00	0.00004	150.00	-25.00	0.00004
150.00	-30.00	0.00004	150.00	-40.00	0.00004
150.00	-50.00	0.00003	150.00	-60.00	0.00003
150.00	-70.00	0.00003	150.00	-80.00	0.00003
150.00	-90.00	0.00003	150.00	-100.00	0.00003
160.00	100.00	0.00005	160.00	90.00	0.00005
160.00	80.00	0.00005	160.00	70.00	0.00005
160.00	60.00	0.00005	160.00	50.00	0.00005
160.00	40.00	0.00005	160.00	30.00	0.00005
160.00	25.00	0.00004	160.00	20.00	0.00004
160.00	17.00	0.00004	160.00	15.00	0.00004
160.00	13.00	0.00004	160.00	11.00	0.00004
160.00	9.00	0.00004	160.00	-9.00	0.00004
160.00	-11.00	0.00004	160.00	-13.00	0.00004
160.00	-15.00	0.00004	160.00	-17.00	0.00004
160.00	-20.00	0.00004	160.00	-25.00	0.00004
160.00	-30.00	0.00004	160.00	-40.00	0.00003

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

160.00	-50.00	0.00003	160.00	-60.00	0.00003
160.00	-70.00	0.00003	160.00	-80.00	0.00003
160.00	-90.00	0.00003	160.00	-100.00	0.00003
170.00	100.00	0.00005	170.00	90.00	0.00005
170.00	80.00	0.00005	170.00	70.00	0.00005
170.00	60.00	0.00005	170.00	50.00	0.00005
170.00	40.00	0.00004	170.00	30.00	0.00004
170.00	25.00	0.00004	170.00	20.00	0.00004
170.00	17.00	0.00004	170.00	15.00	0.00004
170.00	13.00	0.00004	170.00	11.00	0.00004
170.00	9.00	0.00004	170.00	-9.00	0.00004
170.00	-11.00	0.00004	170.00	-13.00	0.00004
170.00	-15.00	0.00004	170.00	-17.00	0.00004

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

*** Maximum train overlap at East/West Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00004	170.00	-25.00	0.00003
170.00	-30.00	0.00003	170.00	-40.00	0.00003
170.00	-50.00	0.00003	170.00	-60.00	0.00003
170.00	-70.00	0.00003	170.00	-80.00	0.00003
170.00	-90.00	0.00003	170.00	-100.00	0.00003
180.00	100.00	0.00005	180.00	90.00	0.00005
180.00	80.00	0.00005	180.00	70.00	0.00005
180.00	60.00	0.00004	180.00	50.00	0.00004
180.00	40.00	0.00004	180.00	30.00	0.00004
180.00	25.00	0.00004	180.00	20.00	0.00004
180.00	17.00	0.00004	180.00	15.00	0.00004
180.00	13.00	0.00004	180.00	11.00	0.00004
180.00	9.00	0.00004	180.00	-9.00	0.00004
180.00	-11.00	0.00003	180.00	-13.00	0.00003
180.00	-15.00	0.00003	180.00	-17.00	0.00003
180.00	-20.00	0.00003	180.00	-25.00	0.00003
180.00	-30.00	0.00003	180.00	-40.00	0.00003
180.00	-50.00	0.00003	180.00	-60.00	0.00003
180.00	-70.00	0.00003	180.00	-80.00	0.00003
180.00	-90.00	0.00003	180.00	-100.00	0.00002
190.00	100.00	0.00004	190.00	90.00	0.00004

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

190.00	80.00	0.00004	190.00	70.00	0.00004
190.00	60.00	0.00004	190.00	50.00	0.00004
190.00	40.00	0.00004	190.00	30.00	0.00004
190.00	25.00	0.00004	190.00	20.00	0.00004
190.00	17.00	0.00004	190.00	15.00	0.00004
190.00	13.00	0.00004	190.00	11.00	0.00004
190.00	9.00	0.00004	190.00	-9.00	0.00003
190.00	-11.00	0.00003	190.00	-13.00	0.00003
190.00	-15.00	0.00003	190.00	-17.00	0.00003
190.00	-20.00	0.00003	190.00	-25.00	0.00003
190.00	-30.00	0.00003	190.00	-40.00	0.00003
190.00	-50.00	0.00003	190.00	-60.00	0.00003
190.00	-70.00	0.00003	190.00	-80.00	0.00002
190.00	-90.00	0.00002	190.00	-100.00	0.00002
200.00	100.00	0.00004	200.00	90.00	0.00004
200.00	80.00	0.00004	200.00	70.00	0.00004
200.00	60.00	0.00004	200.00	50.00	0.00004
200.00	40.00	0.00004	200.00	30.00	0.00004
200.00	25.00	0.00004	200.00	20.00	0.00004

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

*** Maximum train overlap at East/West Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00003	200.00	15.00	0.00003
200.00	13.00	0.00003	200.00	11.00	0.00003
200.00	9.00	0.00003	200.00	-9.00	0.00003
200.00	-11.00	0.00003	200.00	-13.00	0.00003
200.00	-15.00	0.00003	200.00	-17.00	0.00003
200.00	-20.00	0.00003	200.00	-25.00	0.00003
200.00	-30.00	0.00003	200.00	-40.00	0.00003
200.00	-50.00	0.00003	200.00	-60.00	0.00003
200.00	-70.00	0.00002	200.00	-80.00	0.00002
200.00	-90.00	0.00002	200.00	-100.00	0.00002
210.00	100.00	0.00004	210.00	90.00	0.00004
210.00	80.00	0.00004	210.00	70.00	0.00004
210.00	60.00	0.00004	210.00	50.00	0.00004
210.00	40.00	0.00004	210.00	30.00	0.00003
210.00	25.00	0.00003	210.00	20.00	0.00003

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

210.00	17.00	0.00003	210.00	15.00	0.00003
210.00	13.00	0.00003	210.00	11.00	0.00003
210.00	9.00	0.00003	210.00	-9.00	0.00003
210.00	-11.00	0.00003	210.00	-13.00	0.00003
210.00	-15.00	0.00003	210.00	-17.00	0.00003
210.00	-20.00	0.00003	210.00	-25.00	0.00003
210.00	-30.00	0.00003	210.00	-40.00	0.00003
210.00	-50.00	0.00003	210.00	-60.00	0.00002
210.00	-70.00	0.00002	210.00	-80.00	0.00002
210.00	-90.00	0.00002	210.00	-100.00	0.00002
220.00	100.00	0.00004	220.00	90.00	0.00004
220.00	80.00	0.00004	220.00	70.00	0.00004
220.00	60.00	0.00004	220.00	50.00	0.00004
220.00	40.00	0.00003	220.00	30.00	0.00003
220.00	25.00	0.00003	220.00	20.00	0.00003
220.00	17.00	0.00003	220.00	15.00	0.00003
220.00	13.00	0.00003	220.00	11.00	0.00003
220.00	9.00	0.00003	220.00	-9.00	0.00003
220.00	-11.00	0.00003	220.00	-13.00	0.00003
220.00	-15.00	0.00003	220.00	-17.00	0.00003
220.00	-20.00	0.00003	220.00	-25.00	0.00003
220.00	-30.00	0.00003	220.00	-40.00	0.00003
220.00	-50.00	0.00002	220.00	-60.00	0.00002
220.00	-70.00	0.00002	220.00	-80.00	0.00002
220.00	-90.00	0.00002	220.00	-100.00	0.00002

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

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00004	230.00	90.00	0.00004
230.00	80.00	0.00004	230.00	70.00	0.00003
230.00	60.00	0.00003	230.00	50.00	0.00003
230.00	40.00	0.00003	230.00	30.00	0.00003
230.00	25.00	0.00003	230.00	20.00	0.00003
230.00	17.00	0.00003	230.00	15.00	0.00003
230.00	13.00	0.00003	230.00	11.00	0.00003
230.00	9.00	0.00003	230.00	-9.00	0.00003
230.00	-11.00	0.00003	230.00	-13.00	0.00003

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

230.00	-15.00	0.00003	230.00	-17.00	0.00003
230.00	-20.00	0.00003	230.00	-25.00	0.00003
230.00	-30.00	0.00003	230.00	-40.00	0.00002
230.00	-50.00	0.00002	230.00	-60.00	0.00002
230.00	-70.00	0.00002	230.00	-80.00	0.00002
230.00	-90.00	0.00002	230.00	-100.00	0.00002
240.00	100.00	0.00003	240.00	90.00	0.00003
240.00	80.00	0.00003	240.00	70.00	0.00003
240.00	60.00	0.00003	240.00	50.00	0.00003
240.00	40.00	0.00003	240.00	30.00	0.00003
240.00	25.00	0.00003	240.00	20.00	0.00003
240.00	17.00	0.00003	240.00	15.00	0.00003
240.00	13.00	0.00003	240.00	11.00	0.00003
240.00	9.00	0.00003	240.00	-9.00	0.00003
240.00	-11.00	0.00003	240.00	-13.00	0.00003
240.00	-15.00	0.00003	240.00	-17.00	0.00003
240.00	-20.00	0.00003	240.00	-25.00	0.00002
240.00	-30.00	0.00002	240.00	-40.00	0.00002
240.00	-50.00	0.00002	240.00	-60.00	0.00002
240.00	-70.00	0.00002	240.00	-80.00	0.00002
240.00	-90.00	0.00002	240.00	-100.00	0.00002
250.00	100.00	0.00003	250.00	90.00	0.00003
250.00	80.00	0.00003	250.00	70.00	0.00003
250.00	60.00	0.00003	250.00	50.00	0.00003
250.00	40.00	0.00003	250.00	30.00	0.00003
250.00	25.00	0.00003	250.00	20.00	0.00003
250.00	17.00	0.00003	250.00	15.00	0.00003
250.00	13.00	0.00003	250.00	11.00	0.00003
250.00	9.00	0.00003	250.00	-9.00	0.00003
250.00	-11.00	0.00003	250.00	-13.00	0.00002
250.00	-15.00	0.00002	250.00	-17.00	0.00002

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

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West Bound Direction ***

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00002	250.00	-25.00	0.00002
250.00	-30.00	0.00002	250.00	-40.00	0.00002
250.00	-50.00	0.00002	250.00	-60.00	0.00002

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

250.00	-70.00	0.00002	250.00	-80.00	0.00002
250.00	-90.00	0.00002	250.00	-100.00	0.00002

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

17:21:52
 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00108	-250.00	90.00	0.00114
-250.00	80.00	0.00120	-250.00	70.00	0.00127
-250.00	60.00	0.00134	-250.00	50.00	0.00142
-250.00	40.00	0.00152	-250.00	30.00	0.00165
-250.00	25.00	0.00175	-250.00	20.00	0.00189
-250.00	17.00	0.00199	-250.00	15.00	0.00207
-250.00	13.00	0.00216	-250.00	11.00	0.00225
-250.00	9.00	0.00235	-250.00	-9.00	0.00341
-250.00	-11.00	0.00351	-250.00	-13.00	0.00360
-250.00	-15.00	0.00367	-250.00	-17.00	0.00373
-250.00	-20.00	0.00379	-250.00	-25.00	0.00384
-250.00	-30.00	0.00384	-250.00	-40.00	0.00371
-250.00	-50.00	0.00351	-250.00	-60.00	0.00328
-250.00	-70.00	0.00305	-250.00	-80.00	0.00284
-250.00	-90.00	0.00264	-250.00	-100.00	0.00245
-240.00	100.00	0.00129	-240.00	90.00	0.00138
-240.00	80.00	0.00147	-240.00	70.00	0.00157
-240.00	60.00	0.00168	-240.00	50.00	0.00178
-240.00	40.00	0.00188	-240.00	30.00	0.00198
-240.00	25.00	0.00206	-240.00	20.00	0.00216
-240.00	17.00	0.00225	-240.00	15.00	0.00232
-240.00	13.00	0.00241	-240.00	11.00	0.00252
-240.00	9.00	0.00265	-240.00	-9.00	0.00422
-240.00	-11.00	0.00433	-240.00	-13.00	0.00441
-240.00	-15.00	0.00447	-240.00	-17.00	0.00451
-240.00	-20.00	0.00454	-240.00	-25.00	0.00452
-240.00	-30.00	0.00445	-240.00	-40.00	0.00420
-240.00	-50.00	0.00391	-240.00	-60.00	0.00361
-240.00	-70.00	0.00333	-240.00	-80.00	0.00306
-240.00	-90.00	0.00282	-240.00	-100.00	0.00261
-230.00	100.00	0.00153	-230.00	90.00	0.00166
-230.00	80.00	0.00181	-230.00	70.00	0.00198

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-230.00	60.00	0.00217	-230.00	50.00	0.00237
-230.00	40.00	0.00258	-230.00	30.00	0.00278
-230.00	25.00	0.00287	-230.00	20.00	0.00293
-230.00	17.00	0.00296	-230.00	15.00	0.00299
-230.00	13.00	0.00302	-230.00	11.00	0.00307
-230.00	9.00	0.00316	-230.00	-9.00	0.00542
-230.00	-11.00	0.00545	-230.00	-13.00	0.00545
-230.00	-15.00	0.00544	-230.00	-17.00	0.00542

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

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00537	-230.00	-25.00	0.00525
-230.00	-30.00	0.00510	-230.00	-40.00	0.00472
-230.00	-50.00	0.00432	-230.00	-60.00	0.00394
-230.00	-70.00	0.00359	-230.00	-80.00	0.00328
-230.00	-90.00	0.00300	-230.00	-100.00	0.00276
-220.00	100.00	0.00178	-220.00	90.00	0.00195
-220.00	80.00	0.00216	-220.00	70.00	0.00241
-220.00	60.00	0.00270	-220.00	50.00	0.00305
-220.00	40.00	0.00346	-220.00	30.00	0.00394
-220.00	25.00	0.00421	-220.00	20.00	0.00451
-220.00	17.00	0.00471	-220.00	15.00	0.00485
-220.00	13.00	0.00500	-220.00	11.00	0.00518
-220.00	9.00	0.00542	-220.00	-9.00	0.00663
-220.00	-11.00	0.00651	-220.00	-13.00	0.00641
-220.00	-15.00	0.00632	-220.00	-17.00	0.00624
-220.00	-20.00	0.00611	-220.00	-25.00	0.00589
-220.00	-30.00	0.00565	-220.00	-40.00	0.00515
-220.00	-50.00	0.00467	-220.00	-60.00	0.00421
-220.00	-70.00	0.00381	-220.00	-80.00	0.00346
-220.00	-90.00	0.00315	-220.00	-100.00	0.00288
-210.00	100.00	0.00200	-210.00	90.00	0.00222
-210.00	80.00	0.00247	-210.00	70.00	0.00278
-210.00	60.00	0.00314	-210.00	50.00	0.00359
-210.00	40.00	0.00412	-210.00	30.00	0.00475
-210.00	25.00	0.00512	-210.00	20.00	0.00553
-210.00	17.00	0.00578	-210.00	15.00	0.00595

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-210.00	13.00	0.00613	-210.00	11.00	0.00631
-210.00	9.00	0.00652	-210.00	-9.00	0.00696
-210.00	-11.00	0.00684	-210.00	-13.00	0.00675
-210.00	-15.00	0.00667	-210.00	-17.00	0.00659
-210.00	-20.00	0.00646	-210.00	-25.00	0.00623
-210.00	-30.00	0.00598	-210.00	-40.00	0.00544
-210.00	-50.00	0.00491	-210.00	-60.00	0.00442
-210.00	-70.00	0.00398	-210.00	-80.00	0.00360
-210.00	-90.00	0.00327	-210.00	-100.00	0.00299
-200.00	100.00	0.00219	-200.00	90.00	0.00243
-200.00	80.00	0.00272	-200.00	70.00	0.00307
-200.00	60.00	0.00348	-200.00	50.00	0.00398
-200.00	40.00	0.00459	-200.00	30.00	0.00531
-200.00	25.00	0.00571	-200.00	20.00	0.00613

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00638	-200.00	15.00	0.00654
-200.00	13.00	0.00670	-200.00	11.00	0.00685
-200.00	9.00	0.00703	-200.00	-9.00	0.00714
-200.00	-11.00	0.00702	-200.00	-13.00	0.00692
-200.00	-15.00	0.00684	-200.00	-17.00	0.00676
-200.00	-20.00	0.00664	-200.00	-25.00	0.00642
-200.00	-30.00	0.00617	-200.00	-40.00	0.00563
-200.00	-50.00	0.00508	-200.00	-60.00	0.00457
-200.00	-70.00	0.00412	-200.00	-80.00	0.00372
-200.00	-90.00	0.00337	-200.00	-100.00	0.00307
-190.00	100.00	0.00235	-190.00	90.00	0.00261
-190.00	80.00	0.00293	-190.00	70.00	0.00330
-190.00	60.00	0.00375	-190.00	50.00	0.00430
-190.00	40.00	0.00494	-190.00	30.00	0.00569
-190.00	25.00	0.00609	-190.00	20.00	0.00650
-190.00	17.00	0.00673	-190.00	15.00	0.00688
-190.00	13.00	0.00703	-190.00	11.00	0.00717
-190.00	9.00	0.00733	-190.00	-9.00	0.00727
-190.00	-11.00	0.00714	-190.00	-13.00	0.00704
-190.00	-15.00	0.00696	-190.00	-17.00	0.00688

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-190.00	-20.00	0.00675	-190.00	-25.00	0.00653
-190.00	-30.00	0.00629	-190.00	-40.00	0.00575
-190.00	-50.00	0.00520	-190.00	-60.00	0.00468
-190.00	-70.00	0.00422	-190.00	-80.00	0.00381
-190.00	-90.00	0.00345	-190.00	-100.00	0.00314
-180.00	100.00	0.00248	-180.00	90.00	0.00276
-180.00	80.00	0.00310	-180.00	70.00	0.00350
-180.00	60.00	0.00397	-180.00	50.00	0.00454
-180.00	40.00	0.00519	-180.00	30.00	0.00594
-180.00	25.00	0.00634	-180.00	20.00	0.00673
-180.00	17.00	0.00696	-180.00	15.00	0.00710
-180.00	13.00	0.00724	-180.00	11.00	0.00738
-180.00	9.00	0.00753	-180.00	-9.00	0.00738
-180.00	-11.00	0.00724	-180.00	-13.00	0.00714
-180.00	-15.00	0.00704	-180.00	-17.00	0.00696
-180.00	-20.00	0.00684	-180.00	-25.00	0.00661
-180.00	-30.00	0.00637	-180.00	-40.00	0.00583
-180.00	-50.00	0.00528	-180.00	-60.00	0.00476
-180.00	-70.00	0.00429	-180.00	-80.00	0.00387
-180.00	-90.00	0.00351	-180.00	-100.00	0.00319

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

17:21:52
 **MODELOPTs:
 PAGE 126

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00260	-170.00	90.00	0.00289
-170.00	80.00	0.00324	-170.00	70.00	0.00365
-170.00	60.00	0.00414	-170.00	50.00	0.00472
-170.00	40.00	0.00538	-170.00	30.00	0.00612
-170.00	25.00	0.00651	-170.00	20.00	0.00689
-170.00	17.00	0.00712	-170.00	15.00	0.00726
-170.00	13.00	0.00739	-170.00	11.00	0.00752
-170.00	9.00	0.00767	-170.00	-9.00	0.00746
-170.00	-11.00	0.00732	-170.00	-13.00	0.00721
-170.00	-15.00	0.00711	-170.00	-17.00	0.00703
-170.00	-20.00	0.00690	-170.00	-25.00	0.00667
-170.00	-30.00	0.00642	-170.00	-40.00	0.00589
-170.00	-50.00	0.00533	-170.00	-60.00	0.00481
-170.00	-70.00	0.00434	-170.00	-80.00	0.00392

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-170.00	-90.00	0.00356	-170.00	-100.00	0.00324
-160.00	100.00	0.00270	-160.00	90.00	0.00300
-160.00	80.00	0.00336	-160.00	70.00	0.00378
-160.00	60.00	0.00428	-160.00	50.00	0.00485
-160.00	40.00	0.00551	-160.00	30.00	0.00624
-160.00	25.00	0.00662	-160.00	20.00	0.00701
-160.00	17.00	0.00723	-160.00	15.00	0.00737
-160.00	13.00	0.00750	-160.00	11.00	0.00763
-160.00	9.00	0.00777	-160.00	-9.00	0.00753
-160.00	-11.00	0.00738	-160.00	-13.00	0.00727
-160.00	-15.00	0.00717	-160.00	-17.00	0.00708
-160.00	-20.00	0.00695	-160.00	-25.00	0.00671
-160.00	-30.00	0.00647	-160.00	-40.00	0.00593
-160.00	-50.00	0.00538	-160.00	-60.00	0.00485
-160.00	-70.00	0.00438	-160.00	-80.00	0.00396
-160.00	-90.00	0.00359	-160.00	-100.00	0.00327
-150.00	100.00	0.00278	-150.00	90.00	0.00310
-150.00	80.00	0.00346	-150.00	70.00	0.00388
-150.00	60.00	0.00438	-150.00	50.00	0.00495
-150.00	40.00	0.00561	-150.00	30.00	0.00633
-150.00	25.00	0.00672	-150.00	20.00	0.00710
-150.00	17.00	0.00732	-150.00	15.00	0.00745
-150.00	13.00	0.00758	-150.00	11.00	0.00771
-150.00	9.00	0.00785	-150.00	-9.00	0.00758
-150.00	-11.00	0.00743	-150.00	-13.00	0.00731
-150.00	-15.00	0.00721	-150.00	-17.00	0.00712

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

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
**MODELOPTS:
PAGE 127

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00698	-150.00	-25.00	0.00675
-150.00	-30.00	0.00650	-150.00	-40.00	0.00596
-150.00	-50.00	0.00540	-150.00	-60.00	0.00488
-150.00	-70.00	0.00441	-150.00	-80.00	0.00399
-150.00	-90.00	0.00362	-150.00	-100.00	0.00329
-140.00	100.00	0.00286	-140.00	90.00	0.00317
-140.00	80.00	0.00354	-140.00	70.00	0.00396
-140.00	60.00	0.00446	-140.00	50.00	0.00503

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-140.00	40.00	0.00568	-140.00	30.00	0.00640
-140.00	25.00	0.00679	-140.00	20.00	0.00717
-140.00	17.00	0.00738	-140.00	15.00	0.00751
-140.00	13.00	0.00764	-140.00	11.00	0.00778
-140.00	9.00	0.00792	-140.00	-9.00	0.00762
-140.00	-11.00	0.00747	-140.00	-13.00	0.00734
-140.00	-15.00	0.00724	-140.00	-17.00	0.00715
-140.00	-20.00	0.00701	-140.00	-25.00	0.00678
-140.00	-30.00	0.00652	-140.00	-40.00	0.00598
-140.00	-50.00	0.00542	-140.00	-60.00	0.00490
-140.00	-70.00	0.00443	-140.00	-80.00	0.00400
-140.00	-90.00	0.00363	-140.00	-100.00	0.00331
-130.00	100.00	0.00292	-130.00	90.00	0.00323
-130.00	80.00	0.00360	-130.00	70.00	0.00403
-130.00	60.00	0.00452	-130.00	50.00	0.00509
-130.00	40.00	0.00574	-130.00	30.00	0.00646
-130.00	25.00	0.00684	-130.00	20.00	0.00722
-130.00	17.00	0.00743	-130.00	15.00	0.00756
-130.00	13.00	0.00769	-130.00	11.00	0.00782
-130.00	9.00	0.00796	-130.00	-9.00	0.00765
-130.00	-11.00	0.00750	-130.00	-13.00	0.00737
-130.00	-15.00	0.00727	-130.00	-17.00	0.00718
-130.00	-20.00	0.00704	-130.00	-25.00	0.00680
-130.00	-30.00	0.00654	-130.00	-40.00	0.00599
-130.00	-50.00	0.00544	-130.00	-60.00	0.00491
-130.00	-70.00	0.00444	-130.00	-80.00	0.00401
-130.00	-90.00	0.00364	-130.00	-100.00	0.00332
-120.00	100.00	0.00297	-120.00	90.00	0.00328
-120.00	80.00	0.00365	-120.00	70.00	0.00408
-120.00	60.00	0.00457	-120.00	50.00	0.00514
-120.00	40.00	0.00578	-120.00	30.00	0.00650
-120.00	25.00	0.00688	-120.00	20.00	0.00726

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

17:21:52
 **MODELOPTS:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00747	-120.00	15.00	0.00760
-120.00	13.00	0.00773	-120.00	11.00	0.00785

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-120.00	9.00	0.00799	-120.00	-9.00	0.00767
-120.00	-11.00	0.00751	-120.00	-13.00	0.00739
-120.00	-15.00	0.00729	-120.00	-17.00	0.00719
-120.00	-20.00	0.00705	-120.00	-25.00	0.00681
-120.00	-30.00	0.00656	-120.00	-40.00	0.00600
-120.00	-50.00	0.00545	-120.00	-60.00	0.00492
-120.00	-70.00	0.00444	-120.00	-80.00	0.00402
-120.00	-90.00	0.00365	-120.00	-100.00	0.00332
-110.00	100.00	0.00301	-110.00	90.00	0.00333
-110.00	80.00	0.00369	-110.00	70.00	0.00412
-110.00	60.00	0.00461	-110.00	50.00	0.00518
-110.00	40.00	0.00582	-110.00	30.00	0.00654
-110.00	25.00	0.00691	-110.00	20.00	0.00729
-110.00	17.00	0.00750	-110.00	15.00	0.00763
-110.00	13.00	0.00776	-110.00	11.00	0.00788
-110.00	9.00	0.00801	-110.00	-9.00	0.00768
-110.00	-11.00	0.00753	-110.00	-13.00	0.00741
-110.00	-15.00	0.00730	-110.00	-17.00	0.00721
-110.00	-20.00	0.00707	-110.00	-25.00	0.00682
-110.00	-30.00	0.00657	-110.00	-40.00	0.00601
-110.00	-50.00	0.00545	-110.00	-60.00	0.00492
-110.00	-70.00	0.00445	-110.00	-80.00	0.00402
-110.00	-90.00	0.00365	-110.00	-100.00	0.00332
-100.00	100.00	0.00305	-100.00	90.00	0.00336
-100.00	80.00	0.00373	-100.00	70.00	0.00415
-100.00	60.00	0.00464	-100.00	50.00	0.00521
-100.00	40.00	0.00585	-100.00	30.00	0.00656
-100.00	25.00	0.00694	-100.00	20.00	0.00731
-100.00	17.00	0.00752	-100.00	15.00	0.00765
-100.00	13.00	0.00778	-100.00	11.00	0.00790
-100.00	9.00	0.00803	-100.00	-9.00	0.00770
-100.00	-11.00	0.00754	-100.00	-13.00	0.00742
-100.00	-15.00	0.00731	-100.00	-17.00	0.00722
-100.00	-20.00	0.00707	-100.00	-25.00	0.00683
-100.00	-30.00	0.00657	-100.00	-40.00	0.00601
-100.00	-50.00	0.00545	-100.00	-60.00	0.00492
-100.00	-70.00	0.00445	-100.00	-80.00	0.00402
-100.00	-90.00	0.00365	-100.00	-100.00	0.00332

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52
 **MODELOPTS:
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00307	-90.00	90.00	0.00339
-90.00	80.00	0.00375	-90.00	70.00	0.00418
-90.00	60.00	0.00467	-90.00	50.00	0.00523
-90.00	40.00	0.00587	-90.00	30.00	0.00658
-90.00	25.00	0.00696	-90.00	20.00	0.00733
-90.00	17.00	0.00754	-90.00	15.00	0.00767
-90.00	13.00	0.00780	-90.00	11.00	0.00792
-90.00	9.00	0.00805	-90.00	-9.00	0.00771
-90.00	-11.00	0.00755	-90.00	-13.00	0.00743
-90.00	-15.00	0.00732	-90.00	-17.00	0.00722
-90.00	-20.00	0.00708	-90.00	-25.00	0.00683
-90.00	-30.00	0.00657	-90.00	-40.00	0.00601
-90.00	-50.00	0.00545	-90.00	-60.00	0.00492
-90.00	-70.00	0.00444	-90.00	-80.00	0.00402
-90.00	-90.00	0.00364	-90.00	-100.00	0.00331
-80.00	100.00	0.00310	-80.00	90.00	0.00341
-80.00	80.00	0.00378	-80.00	70.00	0.00420
-80.00	60.00	0.00468	-80.00	50.00	0.00525
-80.00	40.00	0.00589	-80.00	30.00	0.00660
-80.00	25.00	0.00697	-80.00	20.00	0.00734
-80.00	17.00	0.00755	-80.00	15.00	0.00769
-80.00	13.00	0.00781	-80.00	11.00	0.00793
-80.00	9.00	0.00806	-80.00	-9.00	0.00771
-80.00	-11.00	0.00755	-80.00	-13.00	0.00743
-80.00	-15.00	0.00732	-80.00	-17.00	0.00723
-80.00	-20.00	0.00708	-80.00	-25.00	0.00683
-80.00	-30.00	0.00657	-80.00	-40.00	0.00601
-80.00	-50.00	0.00545	-80.00	-60.00	0.00491
-80.00	-70.00	0.00443	-80.00	-80.00	0.00401
-80.00	-90.00	0.00363	-80.00	-100.00	0.00331
-70.00	100.00	0.00312	-70.00	90.00	0.00343
-70.00	80.00	0.00379	-70.00	70.00	0.00421
-70.00	60.00	0.00470	-70.00	50.00	0.00526
-70.00	40.00	0.00590	-70.00	30.00	0.00661
-70.00	25.00	0.00698	-70.00	20.00	0.00735
-70.00	17.00	0.00757	-70.00	15.00	0.00769
-70.00	13.00	0.00781	-70.00	11.00	0.00793
-70.00	9.00	0.00806	-70.00	-9.00	0.00771
-70.00	-11.00	0.00755	-70.00	-13.00	0.00743
-70.00	-15.00	0.00733	-70.00	-17.00	0.00723

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

17:21:52

**MODELOPTs:

PAGE 130

CONC

URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00708	-70.00	-25.00	0.00683
-70.00	-30.00	0.00657	-70.00	-40.00	0.00601
-70.00	-50.00	0.00544	-70.00	-60.00	0.00491
-70.00	-70.00	0.00442	-70.00	-80.00	0.00400
-70.00	-90.00	0.00362	-70.00	-100.00	0.00329
-60.00	100.00	0.00313	-60.00	90.00	0.00344
-60.00	80.00	0.00381	-60.00	70.00	0.00422
-60.00	60.00	0.00471	-60.00	50.00	0.00527
-60.00	40.00	0.00590	-60.00	30.00	0.00661
-60.00	25.00	0.00699	-60.00	20.00	0.00736
-60.00	17.00	0.00757	-60.00	15.00	0.00770
-60.00	13.00	0.00782	-60.00	11.00	0.00794
-60.00	9.00	0.00807	-60.00	-9.00	0.00772
-60.00	-11.00	0.00756	-60.00	-13.00	0.00743
-60.00	-15.00	0.00732	-60.00	-17.00	0.00722
-60.00	-20.00	0.00707	-60.00	-25.00	0.00683
-60.00	-30.00	0.00656	-60.00	-40.00	0.00600
-60.00	-50.00	0.00543	-60.00	-60.00	0.00489
-60.00	-70.00	0.00441	-60.00	-80.00	0.00398
-60.00	-90.00	0.00361	-60.00	-100.00	0.00328
-50.00	100.00	0.00314	-50.00	90.00	0.00345
-50.00	80.00	0.00381	-50.00	70.00	0.00423
-50.00	60.00	0.00472	-50.00	50.00	0.00527
-50.00	40.00	0.00591	-50.00	30.00	0.00662
-50.00	25.00	0.00699	-50.00	20.00	0.00736
-50.00	17.00	0.00757	-50.00	15.00	0.00770
-50.00	13.00	0.00782	-50.00	11.00	0.00794
-50.00	9.00	0.00808	-50.00	-9.00	0.00772
-50.00	-11.00	0.00756	-50.00	-13.00	0.00742
-50.00	-15.00	0.00731	-50.00	-17.00	0.00721
-50.00	-20.00	0.00707	-50.00	-25.00	0.00682
-50.00	-30.00	0.00655	-50.00	-40.00	0.00599
-50.00	-50.00	0.00542	-50.00	-60.00	0.00488
-50.00	-70.00	0.00439	-50.00	-80.00	0.00397

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-50.00	-90.00	0.00359	-50.00	-100.00	0.00326
-40.00	100.00	0.00315	-40.00	90.00	0.00346
-40.00	80.00	0.00382	-40.00	70.00	0.00424
-40.00	60.00	0.00472	-40.00	50.00	0.00528
-40.00	40.00	0.00591	-40.00	30.00	0.00662
-40.00	25.00	0.00699	-40.00	20.00	0.00736

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

PAGE 131

CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00757	-40.00	15.00	0.00769
-40.00	13.00	0.00782	-40.00	11.00	0.00794
-40.00	9.00	0.00807	-40.00	-9.00	0.00770
-40.00	-11.00	0.00755	-40.00	-13.00	0.00742
-40.00	-15.00	0.00731	-40.00	-17.00	0.00721
-40.00	-20.00	0.00706	-40.00	-25.00	0.00681
-40.00	-30.00	0.00654	-40.00	-40.00	0.00597
-40.00	-50.00	0.00540	-40.00	-60.00	0.00486
-40.00	-70.00	0.00438	-40.00	-80.00	0.00395
-40.00	-90.00	0.00357	-40.00	-100.00	0.00324
-30.00	100.00	0.00316	-30.00	90.00	0.00347
-30.00	80.00	0.00383	-30.00	70.00	0.00424
-30.00	60.00	0.00472	-30.00	50.00	0.00528
-30.00	40.00	0.00591	-30.00	30.00	0.00662
-30.00	25.00	0.00699	-30.00	20.00	0.00735
-30.00	17.00	0.00756	-30.00	15.00	0.00769
-30.00	13.00	0.00781	-30.00	11.00	0.00793
-30.00	9.00	0.00806	-30.00	-9.00	0.00769
-30.00	-11.00	0.00753	-30.00	-13.00	0.00740
-30.00	-15.00	0.00730	-30.00	-17.00	0.00720
-30.00	-20.00	0.00705	-30.00	-25.00	0.00679
-30.00	-30.00	0.00652	-30.00	-40.00	0.00595
-30.00	-50.00	0.00538	-30.00	-60.00	0.00484
-30.00	-70.00	0.00435	-30.00	-80.00	0.00392
-30.00	-90.00	0.00355	-30.00	-100.00	0.00322
-20.00	100.00	0.00316	-20.00	90.00	0.00347
-20.00	80.00	0.00383	-20.00	70.00	0.00424
-20.00	60.00	0.00472	-20.00	50.00	0.00528

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

-20.00	40.00	0.00591	-20.00	30.00	0.00661
-20.00	25.00	0.00698	-20.00	20.00	0.00735
-20.00	17.00	0.00755	-20.00	15.00	0.00768
-20.00	13.00	0.00780	-20.00	11.00	0.00792
-20.00	9.00	0.00805	-20.00	-9.00	0.00768
-20.00	-11.00	0.00752	-20.00	-13.00	0.00739
-20.00	-15.00	0.00728	-20.00	-17.00	0.00718
-20.00	-20.00	0.00703	-20.00	-25.00	0.00678
-20.00	-30.00	0.00651	-20.00	-40.00	0.00594
-20.00	-50.00	0.00536	-20.00	-60.00	0.00482
-20.00	-70.00	0.00433	-20.00	-80.00	0.00390
-20.00	-90.00	0.00352	-20.00	-100.00	0.00319

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00317	-10.00	90.00	0.00347
-10.00	80.00	0.00383	-10.00	70.00	0.00424
-10.00	60.00	0.00472	-10.00	50.00	0.00527
-10.00	40.00	0.00590	-10.00	30.00	0.00661
-10.00	25.00	0.00697	-10.00	20.00	0.00734
-10.00	17.00	0.00754	-10.00	15.00	0.00767
-10.00	13.00	0.00779	-10.00	11.00	0.00791
-10.00	9.00	0.00803	-10.00	-9.00	0.00766
-10.00	-11.00	0.00750	-10.00	-13.00	0.00737
-10.00	-15.00	0.00726	-10.00	-17.00	0.00716
-10.00	-20.00	0.00701	-10.00	-25.00	0.00676
-10.00	-30.00	0.00649	-10.00	-40.00	0.00591
-10.00	-50.00	0.00533	-10.00	-60.00	0.00479
-10.00	-70.00	0.00430	-10.00	-80.00	0.00387
-10.00	-90.00	0.00349	-10.00	-100.00	0.00317
0.00	100.00	0.00317	0.00	90.00	0.00347
0.00	80.00	0.00382	0.00	70.00	0.00423
0.00	60.00	0.00471	0.00	50.00	0.00526
0.00	40.00	0.00589	0.00	30.00	0.00659
0.00	25.00	0.00696	0.00	20.00	0.00732
0.00	17.00	0.00753	0.00	15.00	0.00766
0.00	13.00	0.00778	0.00	11.00	0.00789

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

0.00	9.00	0.00802	0.00	-9.00	0.00764
0.00	-11.00	0.00748	0.00	-13.00	0.00736
0.00	-15.00	0.00724	0.00	-17.00	0.00714
0.00	-20.00	0.00699	0.00	-25.00	0.00674
0.00	-30.00	0.00646	0.00	-40.00	0.00589
0.00	-50.00	0.00531	0.00	-60.00	0.00476
0.00	-70.00	0.00427	0.00	-80.00	0.00384
0.00	-90.00	0.00346	0.00	-100.00	0.00313
10.00	100.00	0.00317	10.00	90.00	0.00347
10.00	80.00	0.00382	10.00	70.00	0.00423
10.00	60.00	0.00470	10.00	50.00	0.00526
10.00	40.00	0.00588	10.00	30.00	0.00658
10.00	25.00	0.00695	10.00	20.00	0.00731
10.00	17.00	0.00751	10.00	15.00	0.00764
10.00	13.00	0.00776	10.00	11.00	0.00788
10.00	9.00	0.00800	10.00	-9.00	0.00762
10.00	-11.00	0.00746	10.00	-13.00	0.00733
10.00	-15.00	0.00722	10.00	-17.00	0.00712

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

17:21:52
 **MODELOPTs:
 PAGE 133
 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00697	10.00	-25.00	0.00671
10.00	-30.00	0.00644	10.00	-40.00	0.00586
10.00	-50.00	0.00527	10.00	-60.00	0.00473
10.00	-70.00	0.00424	10.00	-80.00	0.00381
10.00	-90.00	0.00343	10.00	-100.00	0.00310
20.00	100.00	0.00316	20.00	90.00	0.00346
20.00	80.00	0.00381	20.00	70.00	0.00422
20.00	60.00	0.00469	20.00	50.00	0.00524
20.00	40.00	0.00587	20.00	30.00	0.00657
20.00	25.00	0.00693	20.00	20.00	0.00729
20.00	17.00	0.00750	20.00	15.00	0.00762
20.00	13.00	0.00774	20.00	11.00	0.00786
20.00	9.00	0.00798	20.00	-9.00	0.00760
20.00	-11.00	0.00744	20.00	-13.00	0.00731
20.00	-15.00	0.00720	20.00	-17.00	0.00709
20.00	-20.00	0.00694	20.00	-25.00	0.00668

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

20.00	-30.00	0.00640	20.00	-40.00	0.00582
20.00	-50.00	0.00524	20.00	-60.00	0.00469
20.00	-70.00	0.00420	20.00	-80.00	0.00377
20.00	-90.00	0.00339	20.00	-100.00	0.00306
30.00	100.00	0.00316	30.00	90.00	0.00346
30.00	80.00	0.00381	30.00	70.00	0.00421
30.00	60.00	0.00468	30.00	50.00	0.00523
30.00	40.00	0.00585	30.00	30.00	0.00654
30.00	25.00	0.00691	30.00	20.00	0.00728
30.00	17.00	0.00748	30.00	15.00	0.00760
30.00	13.00	0.00772	30.00	11.00	0.00784
30.00	9.00	0.00796	30.00	-9.00	0.00758
30.00	-11.00	0.00741	30.00	-13.00	0.00728
30.00	-15.00	0.00717	30.00	-17.00	0.00706
30.00	-20.00	0.00691	30.00	-25.00	0.00665
30.00	-30.00	0.00637	30.00	-40.00	0.00578
30.00	-50.00	0.00520	30.00	-60.00	0.00465
30.00	-70.00	0.00416	30.00	-80.00	0.00372
30.00	-90.00	0.00335	30.00	-100.00	0.00302
40.00	100.00	0.00315	40.00	90.00	0.00345
40.00	80.00	0.00380	40.00	70.00	0.00420
40.00	60.00	0.00467	40.00	50.00	0.00521
40.00	40.00	0.00583	40.00	30.00	0.00652
40.00	25.00	0.00689	40.00	20.00	0.00725

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

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00745	40.00	15.00	0.00757
40.00	13.00	0.00769	40.00	11.00	0.00781
40.00	9.00	0.00795	40.00	-9.00	0.00755
40.00	-11.00	0.00738	40.00	-13.00	0.00724
40.00	-15.00	0.00713	40.00	-17.00	0.00703
40.00	-20.00	0.00687	40.00	-25.00	0.00661
40.00	-30.00	0.00633	40.00	-40.00	0.00574
40.00	-50.00	0.00515	40.00	-60.00	0.00460
40.00	-70.00	0.00411	40.00	-80.00	0.00368
40.00	-90.00	0.00330	40.00	-100.00	0.00297

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

50.00	100.00	0.00315	50.00	90.00	0.00344
50.00	80.00	0.00379	50.00	70.00	0.00419
50.00	60.00	0.00465	50.00	50.00	0.00519
50.00	40.00	0.00581	50.00	30.00	0.00650
50.00	25.00	0.00686	50.00	20.00	0.00722
50.00	17.00	0.00742	50.00	15.00	0.00754
50.00	13.00	0.00766	50.00	11.00	0.00778
50.00	9.00	0.00791	50.00	-9.00	0.00750
50.00	-11.00	0.00734	50.00	-13.00	0.00721
50.00	-15.00	0.00709	50.00	-17.00	0.00699
50.00	-20.00	0.00683	50.00	-25.00	0.00656
50.00	-30.00	0.00628	50.00	-40.00	0.00569
50.00	-50.00	0.00510	50.00	-60.00	0.00455
50.00	-70.00	0.00405	50.00	-80.00	0.00362
50.00	-90.00	0.00325	50.00	-100.00	0.00292
60.00	100.00	0.00314	60.00	90.00	0.00343
60.00	80.00	0.00377	60.00	70.00	0.00417
60.00	60.00	0.00464	60.00	50.00	0.00517
60.00	40.00	0.00579	60.00	30.00	0.00647
60.00	25.00	0.00683	60.00	20.00	0.00719
60.00	17.00	0.00739	60.00	15.00	0.00751
60.00	13.00	0.00763	60.00	11.00	0.00774
60.00	9.00	0.00787	60.00	-9.00	0.00746
60.00	-11.00	0.00729	60.00	-13.00	0.00716
60.00	-15.00	0.00705	60.00	-17.00	0.00694
60.00	-20.00	0.00678	60.00	-25.00	0.00651
60.00	-30.00	0.00623	60.00	-40.00	0.00563
60.00	-50.00	0.00504	60.00	-60.00	0.00449
60.00	-70.00	0.00399	60.00	-80.00	0.00356
60.00	-90.00	0.00319	60.00	-100.00	0.00286

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

17:21:52
 **MODELOPTs:
 PAGE 135
 CONC

URBAN FLAT FLGPOL DFAULT

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

** CONC OF OTHER IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00313	70.00	90.00	0.00342
70.00	80.00	0.00376	70.00	70.00	0.00416
70.00	60.00	0.00462	70.00	50.00	0.00515
70.00	40.00	0.00576	70.00	30.00	0.00644

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

70.00	25.00	0.00680	70.00	20.00	0.00715
70.00	17.00	0.00735	70.00	15.00	0.00747
70.00	13.00	0.00759	70.00	11.00	0.00770
70.00	9.00	0.00783	70.00	-9.00	0.00741
70.00	-11.00	0.00724	70.00	-13.00	0.00711
70.00	-15.00	0.00700	70.00	-17.00	0.00689
70.00	-20.00	0.00673	70.00	-25.00	0.00646
70.00	-30.00	0.00617	70.00	-40.00	0.00557
70.00	-50.00	0.00497	70.00	-60.00	0.00442
70.00	-70.00	0.00393	70.00	-80.00	0.00350
70.00	-90.00	0.00312	70.00	-100.00	0.00280
80.00	100.00	0.00311	80.00	90.00	0.00341
80.00	80.00	0.00374	80.00	70.00	0.00414
80.00	60.00	0.00459	80.00	50.00	0.00512
80.00	40.00	0.00573	80.00	30.00	0.00640
80.00	25.00	0.00676	80.00	20.00	0.00711
80.00	17.00	0.00731	80.00	15.00	0.00743
80.00	13.00	0.00754	80.00	11.00	0.00765
80.00	9.00	0.00778	80.00	-9.00	0.00735
80.00	-11.00	0.00719	80.00	-13.00	0.00705
80.00	-15.00	0.00693	80.00	-17.00	0.00683
80.00	-20.00	0.00667	80.00	-25.00	0.00639
80.00	-30.00	0.00610	80.00	-40.00	0.00550
80.00	-50.00	0.00490	80.00	-60.00	0.00434
80.00	-70.00	0.00385	80.00	-80.00	0.00342
80.00	-90.00	0.00305	80.00	-100.00	0.00273
90.00	100.00	0.00310	90.00	90.00	0.00339
90.00	80.00	0.00373	90.00	70.00	0.00412
90.00	60.00	0.00457	90.00	50.00	0.00509
90.00	40.00	0.00569	90.00	30.00	0.00636
90.00	25.00	0.00671	90.00	20.00	0.00706
90.00	17.00	0.00726	90.00	15.00	0.00738
90.00	13.00	0.00749	90.00	11.00	0.00760
90.00	9.00	0.00773	90.00	-9.00	0.00729
90.00	-11.00	0.00712	90.00	-13.00	0.00699
90.00	-15.00	0.00687	90.00	-17.00	0.00676

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

17:21:52
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W_Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00659	90.00	-25.00	0.00632
90.00	-30.00	0.00602	90.00	-40.00	0.00541
90.00	-50.00	0.00481	90.00	-60.00	0.00426
90.00	-70.00	0.00377	90.00	-80.00	0.00334
90.00	-90.00	0.00297	90.00	-100.00	0.00265
100.00	100.00	0.00308	100.00	90.00	0.00337
100.00	80.00	0.00371	100.00	70.00	0.00409
100.00	60.00	0.00454	100.00	50.00	0.00506
100.00	40.00	0.00565	100.00	30.00	0.00632
100.00	25.00	0.00667	100.00	20.00	0.00701
100.00	17.00	0.00720	100.00	15.00	0.00732
100.00	13.00	0.00744	100.00	11.00	0.00755
100.00	9.00	0.00766	100.00	-9.00	0.00722
100.00	-11.00	0.00705	100.00	-13.00	0.00691
100.00	-15.00	0.00679	100.00	-17.00	0.00668
100.00	-20.00	0.00651	100.00	-25.00	0.00623
100.00	-30.00	0.00593	100.00	-40.00	0.00531
100.00	-50.00	0.00471	100.00	-60.00	0.00416
100.00	-70.00	0.00367	100.00	-80.00	0.00325
100.00	-90.00	0.00288	100.00	-100.00	0.00256
110.00	100.00	0.00306	110.00	90.00	0.00335
110.00	80.00	0.00368	110.00	70.00	0.00407
110.00	60.00	0.00451	110.00	50.00	0.00503
110.00	40.00	0.00561	110.00	30.00	0.00626
110.00	25.00	0.00661	110.00	20.00	0.00695
110.00	17.00	0.00714	110.00	15.00	0.00726
110.00	13.00	0.00737	110.00	11.00	0.00748
110.00	9.00	0.00760	110.00	-9.00	0.00713
110.00	-11.00	0.00696	110.00	-13.00	0.00682
110.00	-15.00	0.00670	110.00	-17.00	0.00658
110.00	-20.00	0.00641	110.00	-25.00	0.00612
110.00	-30.00	0.00582	110.00	-40.00	0.00520
110.00	-50.00	0.00460	110.00	-60.00	0.00405
110.00	-70.00	0.00356	110.00	-80.00	0.00314
110.00	-90.00	0.00278	110.00	-100.00	0.00247
120.00	100.00	0.00304	120.00	90.00	0.00332
120.00	80.00	0.00366	120.00	70.00	0.00404
120.00	60.00	0.00448	120.00	50.00	0.00499
120.00	40.00	0.00556	120.00	30.00	0.00620
120.00	25.00	0.00655	120.00	20.00	0.00688

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

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

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**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00707	120.00	15.00	0.00719
120.00	13.00	0.00730	120.00	11.00	0.00740
120.00	9.00	0.00752	120.00	-9.00	0.00704
120.00	-11.00	0.00686	120.00	-13.00	0.00671
120.00	-15.00	0.00659	120.00	-17.00	0.00647
120.00	-20.00	0.00629	120.00	-25.00	0.00600
120.00	-30.00	0.00569	120.00	-40.00	0.00507
120.00	-50.00	0.00447	120.00	-60.00	0.00392
120.00	-70.00	0.00344	120.00	-80.00	0.00302
120.00	-90.00	0.00267	120.00	-100.00	0.00236
130.00	100.00	0.00301	130.00	90.00	0.00329
130.00	80.00	0.00362	130.00	70.00	0.00401
130.00	60.00	0.00444	130.00	50.00	0.00494
130.00	40.00	0.00551	130.00	30.00	0.00614
130.00	25.00	0.00647	130.00	20.00	0.00680
130.00	17.00	0.00698	130.00	15.00	0.00710
130.00	13.00	0.00720	130.00	11.00	0.00731
130.00	9.00	0.00744	130.00	-9.00	0.00692
130.00	-11.00	0.00674	130.00	-13.00	0.00658
130.00	-15.00	0.00645	130.00	-17.00	0.00633
130.00	-20.00	0.00615	130.00	-25.00	0.00585
130.00	-30.00	0.00554	130.00	-40.00	0.00492
130.00	-50.00	0.00432	130.00	-60.00	0.00377
130.00	-70.00	0.00330	130.00	-80.00	0.00289
130.00	-90.00	0.00254	130.00	-100.00	0.00225
140.00	100.00	0.00297	140.00	90.00	0.00326
140.00	80.00	0.00359	140.00	70.00	0.00397
140.00	60.00	0.00440	140.00	50.00	0.00490
140.00	40.00	0.00545	140.00	30.00	0.00607
140.00	25.00	0.00639	140.00	20.00	0.00671
140.00	17.00	0.00689	140.00	15.00	0.00700
140.00	13.00	0.00710	140.00	11.00	0.00721
140.00	9.00	0.00732	140.00	-9.00	0.00677
140.00	-11.00	0.00658	140.00	-13.00	0.00643
140.00	-15.00	0.00629	140.00	-17.00	0.00617
140.00	-20.00	0.00598	140.00	-25.00	0.00567

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

140.00	-30.00	0.00536	140.00	-40.00	0.00473
140.00	-50.00	0.00414	140.00	-60.00	0.00360
140.00	-70.00	0.00314	140.00	-80.00	0.00274
140.00	-90.00	0.00240	140.00	-100.00	0.00212

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

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 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00293	150.00	90.00	0.00321
150.00	80.00	0.00354	150.00	70.00	0.00392
150.00	60.00	0.00435	150.00	50.00	0.00484
150.00	40.00	0.00539	150.00	30.00	0.00599
150.00	25.00	0.00630	150.00	20.00	0.00661
150.00	17.00	0.00678	150.00	15.00	0.00688
150.00	13.00	0.00698	150.00	11.00	0.00708
150.00	9.00	0.00719	150.00	-9.00	0.00659
150.00	-11.00	0.00640	150.00	-13.00	0.00624
150.00	-15.00	0.00610	150.00	-17.00	0.00597
150.00	-20.00	0.00577	150.00	-25.00	0.00546
150.00	-30.00	0.00514	150.00	-40.00	0.00452
150.00	-50.00	0.00393	150.00	-60.00	0.00340
150.00	-70.00	0.00295	150.00	-80.00	0.00257
150.00	-90.00	0.00225	150.00	-100.00	0.00199
160.00	100.00	0.00287	160.00	90.00	0.00316
160.00	80.00	0.00348	160.00	70.00	0.00386
160.00	60.00	0.00429	160.00	50.00	0.00478
160.00	40.00	0.00532	160.00	30.00	0.00590
160.00	25.00	0.00620	160.00	20.00	0.00649
160.00	17.00	0.00665	160.00	15.00	0.00675
160.00	13.00	0.00684	160.00	11.00	0.00693
160.00	9.00	0.00703	160.00	-9.00	0.00637
160.00	-11.00	0.00617	160.00	-13.00	0.00600
160.00	-15.00	0.00586	160.00	-17.00	0.00572
160.00	-20.00	0.00552	160.00	-25.00	0.00520
160.00	-30.00	0.00488	160.00	-40.00	0.00426
160.00	-50.00	0.00368	160.00	-60.00	0.00318
160.00	-70.00	0.00274	160.00	-80.00	0.00239
160.00	-90.00	0.00210	160.00	-100.00	0.00186

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

170.00	100.00	0.00280	170.00	90.00	0.00309
170.00	80.00	0.00341	170.00	70.00	0.00379
170.00	60.00	0.00422	170.00	50.00	0.00470
170.00	40.00	0.00523	170.00	30.00	0.00580
170.00	25.00	0.00609	170.00	20.00	0.00636
170.00	17.00	0.00651	170.00	15.00	0.00660
170.00	13.00	0.00668	170.00	11.00	0.00676
170.00	9.00	0.00685	170.00	-9.00	0.00610
170.00	-11.00	0.00588	170.00	-13.00	0.00571
170.00	-15.00	0.00555	170.00	-17.00	0.00540

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

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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00520	170.00	-25.00	0.00488
170.00	-30.00	0.00456	170.00	-40.00	0.00395
170.00	-50.00	0.00339	170.00	-60.00	0.00291
170.00	-70.00	0.00252	170.00	-80.00	0.00220
170.00	-90.00	0.00193	170.00	-100.00	0.00172
180.00	100.00	0.00271	180.00	90.00	0.00299
180.00	80.00	0.00332	180.00	70.00	0.00369
180.00	60.00	0.00412	180.00	50.00	0.00460
180.00	40.00	0.00513	180.00	30.00	0.00569
180.00	25.00	0.00596	180.00	20.00	0.00621
180.00	17.00	0.00634	180.00	15.00	0.00642
180.00	13.00	0.00649	180.00	11.00	0.00656
180.00	9.00	0.00664	180.00	-9.00	0.00575
180.00	-11.00	0.00552	180.00	-13.00	0.00533
180.00	-15.00	0.00516	180.00	-17.00	0.00501
180.00	-20.00	0.00480	180.00	-25.00	0.00448
180.00	-30.00	0.00417	180.00	-40.00	0.00358
180.00	-50.00	0.00306	180.00	-60.00	0.00263
180.00	-70.00	0.00228	180.00	-80.00	0.00200
180.00	-90.00	0.00176	180.00	-100.00	0.00157
190.00	100.00	0.00259	190.00	90.00	0.00287
190.00	80.00	0.00318	190.00	70.00	0.00355
190.00	60.00	0.00398	190.00	50.00	0.00446
190.00	40.00	0.00500	190.00	30.00	0.00555

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

190.00	25.00	0.00582	190.00	20.00	0.00605
190.00	17.00	0.00617	190.00	15.00	0.00623
190.00	13.00	0.00629	190.00	11.00	0.00634
190.00	9.00	0.00639	190.00	-9.00	0.00530
190.00	-11.00	0.00505	190.00	-13.00	0.00485
190.00	-15.00	0.00467	190.00	-17.00	0.00452
190.00	-20.00	0.00430	190.00	-25.00	0.00398
190.00	-30.00	0.00368	190.00	-40.00	0.00314
190.00	-50.00	0.00270	190.00	-60.00	0.00233
190.00	-70.00	0.00203	190.00	-80.00	0.00178
190.00	-90.00	0.00158	190.00	-100.00	0.00141
200.00	100.00	0.00243	200.00	90.00	0.00269
200.00	80.00	0.00299	200.00	70.00	0.00335
200.00	60.00	0.00377	200.00	50.00	0.00425
200.00	40.00	0.00480	200.00	30.00	0.00537
200.00	25.00	0.00564	200.00	20.00	0.00587

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

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00598	200.00	15.00	0.00603
200.00	13.00	0.00606	200.00	11.00	0.00609
200.00	9.00	0.00612	200.00	-9.00	0.00470
200.00	-11.00	0.00443	200.00	-13.00	0.00422
200.00	-15.00	0.00405	200.00	-17.00	0.00389
200.00	-20.00	0.00368	200.00	-25.00	0.00337
200.00	-30.00	0.00311	200.00	-40.00	0.00268
200.00	-50.00	0.00232	200.00	-60.00	0.00202
200.00	-70.00	0.00176	200.00	-80.00	0.00156
200.00	-90.00	0.00138	200.00	-100.00	0.00124
210.00	100.00	0.00222	210.00	90.00	0.00245
210.00	80.00	0.00272	210.00	70.00	0.00305
210.00	60.00	0.00343	210.00	50.00	0.00389
210.00	40.00	0.00443	210.00	30.00	0.00503
210.00	25.00	0.00533	210.00	20.00	0.00560
210.00	17.00	0.00572	210.00	15.00	0.00577
210.00	13.00	0.00580	210.00	11.00	0.00581
210.00	9.00	0.00582	210.00	-9.00	0.00389

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

210.00	-11.00	0.00362	210.00	-13.00	0.00340
210.00	-15.00	0.00323	210.00	-17.00	0.00309
210.00	-20.00	0.00292	210.00	-25.00	0.00269
210.00	-30.00	0.00250	210.00	-40.00	0.00218
210.00	-50.00	0.00191	210.00	-60.00	0.00168
210.00	-70.00	0.00148	210.00	-80.00	0.00132
210.00	-90.00	0.00119	210.00	-100.00	0.00108
220.00	100.00	0.00198	220.00	90.00	0.00216
220.00	80.00	0.00238	220.00	70.00	0.00264
220.00	60.00	0.00294	220.00	50.00	0.00330
220.00	40.00	0.00372	220.00	30.00	0.00423
220.00	25.00	0.00452	220.00	20.00	0.00482
220.00	17.00	0.00500	220.00	15.00	0.00510
220.00	13.00	0.00519	220.00	11.00	0.00526
220.00	9.00	0.00531	220.00	-9.00	0.00269
220.00	-11.00	0.00249	220.00	-13.00	0.00236
220.00	-15.00	0.00226	220.00	-17.00	0.00218
220.00	-20.00	0.00208	220.00	-25.00	0.00195
220.00	-30.00	0.00184	220.00	-40.00	0.00166
220.00	-50.00	0.00149	220.00	-60.00	0.00134
220.00	-70.00	0.00121	220.00	-80.00	0.00110
220.00	-90.00	0.00100	220.00	-100.00	0.00092

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 17:21:52 *** Maximum train overlap at East/West Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00173	230.00	90.00	0.00187
230.00	80.00	0.00203	230.00	70.00	0.00220
230.00	60.00	0.00240	230.00	50.00	0.00262
230.00	40.00	0.00285	230.00	30.00	0.00307
230.00	25.00	0.00317	230.00	20.00	0.00324
230.00	17.00	0.00325	230.00	15.00	0.00324
230.00	13.00	0.00320	230.00	11.00	0.00314
230.00	9.00	0.00304	230.00	-9.00	0.00146
230.00	-11.00	0.00142	230.00	-13.00	0.00140
230.00	-15.00	0.00138	230.00	-17.00	0.00136
230.00	-20.00	0.00134	230.00	-25.00	0.00131
230.00	-30.00	0.00128	230.00	-40.00	0.00122

08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound

230.00	-50.00	0.00114	230.00	-60.00	0.00106
230.00	-70.00	0.00098	230.00	-80.00	0.00091
230.00	-90.00	0.00084	230.00	-100.00	0.00079
240.00	100.00	0.00150	240.00	90.00	0.00160
240.00	80.00	0.00171	240.00	70.00	0.00183
240.00	60.00	0.00195	240.00	50.00	0.00207
240.00	40.00	0.00218	240.00	30.00	0.00225
240.00	25.00	0.00226	240.00	20.00	0.00222
240.00	17.00	0.00217	240.00	15.00	0.00213
240.00	13.00	0.00207	240.00	11.00	0.00201
240.00	9.00	0.00194	240.00	-9.00	0.00113
240.00	-11.00	0.00108	240.00	-13.00	0.00105
240.00	-15.00	0.00102	240.00	-17.00	0.00100
240.00	-20.00	0.00098	240.00	-25.00	0.00096
240.00	-30.00	0.00095	240.00	-40.00	0.00092
240.00	-50.00	0.00089	240.00	-60.00	0.00085
240.00	-70.00	0.00080	240.00	-80.00	0.00076
240.00	-90.00	0.00071	240.00	-100.00	0.00067
250.00	100.00	0.00131	250.00	90.00	0.00138
250.00	80.00	0.00146	250.00	70.00	0.00153
250.00	60.00	0.00161	250.00	50.00	0.00167
250.00	40.00	0.00171	250.00	30.00	0.00169
250.00	25.00	0.00166	250.00	20.00	0.00161
250.00	17.00	0.00156	250.00	15.00	0.00153
250.00	13.00	0.00150	250.00	11.00	0.00146
250.00	9.00	0.00141	250.00	-9.00	0.00094
250.00	-11.00	0.00090	250.00	-13.00	0.00087
250.00	-15.00	0.00084	250.00	-17.00	0.00082

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

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CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00080	250.00	-25.00	0.00077
250.00	-30.00	0.00075	250.00	-40.00	0.00073
250.00	-50.00	0.00071	250.00	-60.00	0.00069
250.00	-70.00	0.00066	250.00	-80.00	0.00063
250.00	-90.00	0.00060	250.00	-100.00	0.00058

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

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*** Maximum train overlap at East/West Bound Direction

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CONC URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS 0.00577 AT (	170.00, 9.00, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00577 AT (	180.00, 9.00, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00567 AT (	180.00, 11.00, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00566 AT (	190.00, 9.00, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00565 AT (	170.00, 11.00, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00565 AT (	160.00, 9.00, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00559 AT (	190.00, 11.00, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00558 AT (	180.00, 13.00, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00555 AT (	170.00, 13.00, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00553 AT (	190.00, 13.00, 0.00,	1.20) DC	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00577 AT (	80.00, 9.00, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00577 AT (	90.00, 9.00, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00567 AT (	90.00, 11.00, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00566 AT (	100.00, 9.00, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00565 AT (	80.00, 11.00, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00565 AT (	70.00, 9.00, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00559 AT (	100.00, 11.00, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00558 AT (	90.00, 13.00, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00555 AT (	80.00, 13.00, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00553 AT (	100.00, 13.00, 0.00,	1.20) DC	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00577 AT (	-10.00, 9.00, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00577 AT (	0.00, 9.00, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00567 AT (	0.00, 11.00, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00566 AT (	10.00, 9.00, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00565 AT (	-10.00, 11.00, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00565 AT (	-20.00, 9.00, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00559 AT (	10.00, 11.00, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00558 AT (	0.00, 13.00, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00555 AT (	-10.00, 13.00, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00553 AT (	10.00, 13.00, 0.00,	1.20) DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at East/West Bound Direction

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00577 AT (	-100.00, 9.00, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00577 AT (	-90.00, 9.00, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00567 AT (	-90.00, 11.00, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00566 AT (	-80.00, 9.00, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00565 AT (	-100.00, 11.00, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00565 AT (	-110.00, 9.00, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00559 AT (	-80.00, 11.00, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00558 AT (	-90.00, 13.00, 0.00,	1.20) DC	NA
	9TH HIGHEST VALUE IS 0.00555 AT (	-100.00, 13.00, 0.00,	1.20) DC	NA
	10TH HIGHEST VALUE IS 0.00553 AT (	-80.00, 13.00, 0.00,	1.20) DC	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00577 AT (	-190.00, 9.00, 0.00,	1.20) DC	NA
	2ND HIGHEST VALUE IS 0.00577 AT (	-180.00, 9.00, 0.00,	1.20) DC	NA
	3RD HIGHEST VALUE IS 0.00567 AT (	-180.00, 11.00, 0.00,	1.20) DC	NA
	4TH HIGHEST VALUE IS 0.00566 AT (	-170.00, 9.00, 0.00,	1.20) DC	NA
	5TH HIGHEST VALUE IS 0.00565 AT (	-190.00, 11.00, 0.00,	1.20) DC	NA
	6TH HIGHEST VALUE IS 0.00565 AT (	-200.00, 9.00, 0.00,	1.20) DC	NA
	7TH HIGHEST VALUE IS 0.00559 AT (	-170.00, 11.00, 0.00,	1.20) DC	NA
	8TH HIGHEST VALUE IS 0.00558 AT (	-180.00, 13.00, 0.00,	1.20) DC	NA

		08NCRA_NAPA97-300_DPM_TRAV_ANN_E-W Bound							
	9TH HIGHEST VALUE IS	0.00555	AT (	-190.00,	13.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00553	AT (	-170.00,	13.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00808	AT (	-50.00,	9.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00807	AT (	-40.00,	9.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00807	AT (	-60.00,	9.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00806	AT (	-70.00,	9.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00806	AT (	-30.00,	9.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00806	AT (	-80.00,	9.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00805	AT (	-20.00,	9.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00805	AT (	-90.00,	9.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00803	AT (	-10.00,	9.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00803	AT (	-100.00,	9.00,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

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

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

17:21:52

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 6 Informational Message(s)
 A Total of 6 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***
