

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 17:36:35

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Napa\10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_N-S Bound.dat

\*\* Trinity Consultants

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

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION NCRA\_S1 AREA 135.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA 45.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA -45.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA -135.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA -225.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 90 2.3  
SO SRCGROUP NCRA\_S1 NCRA\_S1  
SO SRCGROUP NCRA\_S2 NCRA\_S2  
SO SRCGROUP NCRA\_S3 NCRA\_S3  
SO SRCGROUP NCRA\_S4 NCRA\_S4  
SO SRCGROUP NCRA\_S5 NCRA\_S5  
SO SRCGROUP ALL  
SO FINISHED

RE STARTING

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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
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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
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RE DISCCART	200.0	30.0	1.2
RE DISCCART	200.0	25.0	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
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RE DISCCART	200.0	-30.0	1.2
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RE DISCCART	210.0	70.0	1.2
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RE DISCCART	210.0	50.0	1.2
RE DISCCART	210.0	40.0	1.2
RE DISCCART	210.0	30.0	1.2
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RE DISCCART	210.0	17.0	1.2
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RE DISCCART	210.0	-70.0	1.2

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

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RE DISCCART	230.0	9.0	1.2
RE DISCCART	230.0	-9.0	1.2
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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
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RE DISCCART	240.0	-30.0	1.2
RE DISCCART	240.0	-40.0	1.2
RE DISCCART	240.0	-50.0	1.2

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

ME STARTING  
ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP013RA.ASC"  
ME ANEMHGHT 10 METERS  
ME SURFDATA 4901 2001  
ME UAIRDATA 4901 2001  
ME STARTEND 2001 01 01 1 2001 12 31 24  
ME FINISHED

OU STARTING

OU FINISHED

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

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_N-S Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_N-S Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

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

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

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

17:36:35

\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

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

\*\*Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --  
\*\*Model Uses NO DRY DEPLETION. DDPLETE = F  
\*\*Model Uses NO WET DEPLETION. WDPLETE = F  
\*\*NO WET SCAVENGING Data Provided.  
\*\*NO GAS DRY DEPOSITION Data Provided.  
\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

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

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

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

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

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

\*\*Output Options Selected:  
Model Outputs Tables of ANNUAL Averages by Receptor

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

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

0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

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

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\10NCRA-1.DAT

\*\*Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\10NCRA-1.LST

```

1 *** ISCST3 - VERSION 02035 ***      *** NCRA Cumulative DPM Impacts      ***
    04/20/08                          *** Maximum train overlap at East/West Bound Direction ***
    17:36:35
**MODELOPTs:
  PAGE    2
CONC              URBAN FLAT  FLGPOL DFAULT
    
```

\*\*\* AREA SOURCE DATA \*\*\*

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

```

1 *** ISCST3 - VERSION 02035 ***      *** NCRA Cumulative DPM Impacts      ***
    04/20/08                          *** Maximum train overlap at East/West Bound Direction ***
    17:36:35
**MODELOPTs:
  PAGE    3
CONC              URBAN FLAT  FLGPOL DFAULT
    
```

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

```

GROUP ID              SOURCE IDs

NCRA_S1  NCRA_S1 ,

NCRA_S2  NCRA_S2 ,

NCRA_S3  NCRA_S3 ,

NCRA_S4  NCRA_S4 ,

NCRA_S5  NCRA_S5 ,
    
```

```

ALL      NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
1 *** ISCST3 - VERSION 02035 ***      *** NCRA Cumulative DPM Impacts      ***
    04/20/08                          *** Maximum train overlap at East/West Bound Direction ***
    17:36:35
**MODELOPTs:
  PAGE    4
CONC              URBAN FLAT  FLGPOL DFAULT
    
```

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

```

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN E-W Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:36:35

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

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



10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN E-W Bound  
 ( -200.0, -15.0, 0.0, 1.2); ( -200.0, -17.0, 0.0, 1.2);  
 ( -200.0, -20.0, 0.0, 1.2); ( -200.0, -25.0, 0.0, 1.2);  
 ( -200.0, -30.0, 0.0, 1.2); ( -200.0, -40.0, 0.0, 1.2);  
 ( -200.0, -50.0, 0.0, 1.2); ( -200.0, -60.0, 0.0, 1.2);  
 ( -200.0, -70.0, 0.0, 1.2); ( -200.0, -80.0, 0.0, 1.2);  
 ( -200.0, -90.0, 0.0, 1.2); ( -200.0, -100.0, 0.0, 1.2);

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

17:36:35  
 \*\*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);

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN E-W Bound

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

1 \*\*\* ISCT3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN E-W Bound

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

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

17:36:35  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

1 \*\*\* ISCT3 - VERSION 02035 \*\*\*      \*\*\* 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)

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound  
(METERS)

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN E-W Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

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\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

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

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



10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN E-W Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:36:35

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN E-W Bound

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

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

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

17:36:35  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN E-W Bound

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

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN E-W Bound

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

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

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

17:36:35  
 \*\*MODELOPTs:  
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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);

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN E-W Bound

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

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

17:36:35  
 \*\*MODELOPTs:  
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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);



10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN E-W Bound

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

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

04/20/08

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

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 \*\*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);

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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



10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
01	01	01	01	206.0	1.12	276.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	02	207.9	1.00	276.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	03	224.0	1.00	275.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	04	222.0	1.39	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	05	196.3	1.21	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	06	199.2	1.00	275.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	07	233.1	1.00	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	08	172.6	1.25	274.7	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	09	185.7	1.16	275.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	10	163.4	1.00	278.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	11	356.7	1.00	282.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	12	31.6	1.21	286.2	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	13	25.2	1.21	289.0	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	14	317.4	2.06	290.9	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	15	278.4	2.15	291.0	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	16	58.6	2.19	290.0	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	17	44.9	1.61	287.6	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	18	335.9	1.07	284.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	19	278.7	1.07	282.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	20	266.8	1.00	280.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	21	229.7	1.12	278.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	22	224.0	1.12	277.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	23	204.9	1.21	276.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	24	220.0	1.16	276.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

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

04/20/08

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00004	-250.00	90.00	0.00004
-250.00	80.00	0.00004	-250.00	70.00	0.00005
-250.00	60.00	0.00005	-250.00	50.00	0.00005
-250.00	40.00	0.00005	-250.00	30.00	0.00006
-250.00	25.00	0.00006	-250.00	20.00	0.00006
-250.00	17.00	0.00006	-250.00	15.00	0.00006
-250.00	13.00	0.00006	-250.00	11.00	0.00006
-250.00	9.00	0.00006	-250.00	-9.00	0.00006
-250.00	-11.00	0.00006	-250.00	-13.00	0.00006
-250.00	-15.00	0.00006	-250.00	-17.00	0.00006
-250.00	-20.00	0.00006	-250.00	-25.00	0.00007
-250.00	-30.00	0.00007	-250.00	-40.00	0.00007
-250.00	-50.00	0.00007	-250.00	-60.00	0.00007
-250.00	-70.00	0.00008	-250.00	-80.00	0.00008
-250.00	-90.00	0.00008	-250.00	-100.00	0.00008
-240.00	100.00	0.00004	-240.00	90.00	0.00004
-240.00	80.00	0.00005	-240.00	70.00	0.00005

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	60.00	0.00005	-240.00	50.00	0.00005
-240.00	40.00	0.00006	-240.00	30.00	0.00006
-240.00	25.00	0.00006	-240.00	20.00	0.00006
-240.00	17.00	0.00006	-240.00	15.00	0.00006
-240.00	13.00	0.00006	-240.00	11.00	0.00006
-240.00	9.00	0.00006	-240.00	-9.00	0.00006
-240.00	-11.00	0.00006	-240.00	-13.00	0.00007
-240.00	-15.00	0.00007	-240.00	-17.00	0.00007
-240.00	-20.00	0.00007	-240.00	-25.00	0.00007
-240.00	-30.00	0.00007	-240.00	-40.00	0.00007
-240.00	-50.00	0.00007	-240.00	-60.00	0.00008
-240.00	-70.00	0.00008	-240.00	-80.00	0.00008
-240.00	-90.00	0.00009	-240.00	-100.00	0.00009
-230.00	100.00	0.00004	-230.00	90.00	0.00005
-230.00	80.00	0.00005	-230.00	70.00	0.00005
-230.00	60.00	0.00005	-230.00	50.00	0.00006
-230.00	40.00	0.00006	-230.00	30.00	0.00006
-230.00	25.00	0.00006	-230.00	20.00	0.00006
-230.00	17.00	0.00006	-230.00	15.00	0.00006
-230.00	13.00	0.00006	-230.00	11.00	0.00006
-230.00	9.00	0.00006	-230.00	-9.00	0.00007
-230.00	-11.00	0.00007	-230.00	-13.00	0.00007
-230.00	-15.00	0.00007	-230.00	-17.00	0.00007

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

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 \*\*MODELOPTS:  
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CONC      URBAN FLAT    FLGPOL    DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00007	-230.00	-25.00	0.00007
-230.00	-30.00	0.00007	-230.00	-40.00	0.00008
-230.00	-50.00	0.00008	-230.00	-60.00	0.00008
-230.00	-70.00	0.00008	-230.00	-80.00	0.00009
-230.00	-90.00	0.00009	-230.00	-100.00	0.00009
-220.00	100.00	0.00005	-220.00	90.00	0.00005
-220.00	80.00	0.00005	-220.00	70.00	0.00005
-220.00	60.00	0.00005	-220.00	50.00	0.00006
-220.00	40.00	0.00006	-220.00	30.00	0.00006
-220.00	25.00	0.00006	-220.00	20.00	0.00006
-220.00	17.00	0.00007	-220.00	15.00	0.00007

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-220.00	13.00	0.00007	-220.00	11.00	0.00007
-220.00	9.00	0.00007	-220.00	-9.00	0.00007
-220.00	-11.00	0.00007	-220.00	-13.00	0.00007
-220.00	-15.00	0.00007	-220.00	-17.00	0.00007
-220.00	-20.00	0.00007	-220.00	-25.00	0.00007
-220.00	-30.00	0.00008	-220.00	-40.00	0.00008
-220.00	-50.00	0.00008	-220.00	-60.00	0.00009
-220.00	-70.00	0.00009	-220.00	-80.00	0.00009
-220.00	-90.00	0.00010	-220.00	-100.00	0.00010
-210.00	100.00	0.00005	-210.00	90.00	0.00005
-210.00	80.00	0.00005	-210.00	70.00	0.00005
-210.00	60.00	0.00006	-210.00	50.00	0.00006
-210.00	40.00	0.00006	-210.00	30.00	0.00007
-210.00	25.00	0.00007	-210.00	20.00	0.00007
-210.00	17.00	0.00007	-210.00	15.00	0.00007
-210.00	13.00	0.00007	-210.00	11.00	0.00007
-210.00	9.00	0.00007	-210.00	-9.00	0.00007
-210.00	-11.00	0.00007	-210.00	-13.00	0.00008
-210.00	-15.00	0.00008	-210.00	-17.00	0.00008
-210.00	-20.00	0.00008	-210.00	-25.00	0.00008
-210.00	-30.00	0.00008	-210.00	-40.00	0.00008
-210.00	-50.00	0.00009	-210.00	-60.00	0.00009
-210.00	-70.00	0.00009	-210.00	-80.00	0.00010
-210.00	-90.00	0.00010	-210.00	-100.00	0.00010
-200.00	100.00	0.00005	-200.00	90.00	0.00005
-200.00	80.00	0.00005	-200.00	70.00	0.00006
-200.00	60.00	0.00006	-200.00	50.00	0.00006
-200.00	40.00	0.00007	-200.00	30.00	0.00007
-200.00	25.00	0.00007	-200.00	20.00	0.00007

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

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 \*\*MODELOPTS:  
 PAGE 25  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00007	-200.00	15.00	0.00007
-200.00	13.00	0.00007	-200.00	11.00	0.00007
-200.00	9.00	0.00007	-200.00	-9.00	0.00008
-200.00	-11.00	0.00008	-200.00	-13.00	0.00008
-200.00	-15.00	0.00008	-200.00	-17.00	0.00008

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-200.00	-20.00	0.00008	-200.00	-25.00	0.00008
-200.00	-30.00	0.00008	-200.00	-40.00	0.00009
-200.00	-50.00	0.00009	-200.00	-60.00	0.00009
-200.00	-70.00	0.00010	-200.00	-80.00	0.00010
-200.00	-90.00	0.00011	-200.00	-100.00	0.00011
-190.00	100.00	0.00005	-190.00	90.00	0.00005
-190.00	80.00	0.00006	-190.00	70.00	0.00006
-190.00	60.00	0.00006	-190.00	50.00	0.00006
-190.00	40.00	0.00007	-190.00	30.00	0.00007
-190.00	25.00	0.00007	-190.00	20.00	0.00007
-190.00	17.00	0.00007	-190.00	15.00	0.00008
-190.00	13.00	0.00008	-190.00	11.00	0.00008
-190.00	9.00	0.00008	-190.00	-9.00	0.00008
-190.00	-11.00	0.00008	-190.00	-13.00	0.00008
-190.00	-15.00	0.00008	-190.00	-17.00	0.00008
-190.00	-20.00	0.00008	-190.00	-25.00	0.00009
-190.00	-30.00	0.00009	-190.00	-40.00	0.00009
-190.00	-50.00	0.00010	-190.00	-60.00	0.00010
-190.00	-70.00	0.00010	-190.00	-80.00	0.00011
-190.00	-90.00	0.00011	-190.00	-100.00	0.00012
-180.00	100.00	0.00005	-180.00	90.00	0.00006
-180.00	80.00	0.00006	-180.00	70.00	0.00006
-180.00	60.00	0.00006	-180.00	50.00	0.00007
-180.00	40.00	0.00007	-180.00	30.00	0.00007
-180.00	25.00	0.00008	-180.00	20.00	0.00008
-180.00	17.00	0.00008	-180.00	15.00	0.00008
-180.00	13.00	0.00008	-180.00	11.00	0.00008
-180.00	9.00	0.00008	-180.00	-9.00	0.00009
-180.00	-11.00	0.00009	-180.00	-13.00	0.00009
-180.00	-15.00	0.00009	-180.00	-17.00	0.00009
-180.00	-20.00	0.00009	-180.00	-25.00	0.00009
-180.00	-30.00	0.00009	-180.00	-40.00	0.00010
-180.00	-50.00	0.00010	-180.00	-60.00	0.00011
-180.00	-70.00	0.00011	-180.00	-80.00	0.00011
-180.00	-90.00	0.00012	-180.00	-100.00	0.00012

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 17:36:35  
 \*\*MODELOPTs:  
 PAGE 26  
 CONC      URBAN FLAT    FLGPOL    DFAULT

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00006	-170.00	90.00	0.00006
-170.00	80.00	0.00006	-170.00	70.00	0.00006
-170.00	60.00	0.00007	-170.00	50.00	0.00007
-170.00	40.00	0.00007	-170.00	30.00	0.00008
-170.00	25.00	0.00008	-170.00	20.00	0.00008
-170.00	17.00	0.00008	-170.00	15.00	0.00008
-170.00	13.00	0.00008	-170.00	11.00	0.00008
-170.00	9.00	0.00008	-170.00	-9.00	0.00009
-170.00	-11.00	0.00009	-170.00	-13.00	0.00009
-170.00	-15.00	0.00009	-170.00	-17.00	0.00009
-170.00	-20.00	0.00009	-170.00	-25.00	0.00010
-170.00	-30.00	0.00010	-170.00	-40.00	0.00010
-170.00	-50.00	0.00011	-170.00	-60.00	0.00011
-170.00	-70.00	0.00012	-170.00	-80.00	0.00012
-170.00	-90.00	0.00013	-170.00	-100.00	0.00013
-160.00	100.00	0.00006	-160.00	90.00	0.00006
-160.00	80.00	0.00006	-160.00	70.00	0.00007
-160.00	60.00	0.00007	-160.00	50.00	0.00007
-160.00	40.00	0.00008	-160.00	30.00	0.00008
-160.00	25.00	0.00008	-160.00	20.00	0.00009
-160.00	17.00	0.00009	-160.00	15.00	0.00009
-160.00	13.00	0.00009	-160.00	11.00	0.00009
-160.00	9.00	0.00009	-160.00	-9.00	0.00010
-160.00	-11.00	0.00010	-160.00	-13.00	0.00010
-160.00	-15.00	0.00010	-160.00	-17.00	0.00010
-160.00	-20.00	0.00010	-160.00	-25.00	0.00010
-160.00	-30.00	0.00010	-160.00	-40.00	0.00011
-160.00	-50.00	0.00011	-160.00	-60.00	0.00012
-160.00	-70.00	0.00012	-160.00	-80.00	0.00013
-160.00	-90.00	0.00013	-160.00	-100.00	0.00014
-150.00	100.00	0.00006	-150.00	90.00	0.00006
-150.00	80.00	0.00007	-150.00	70.00	0.00007
-150.00	60.00	0.00007	-150.00	50.00	0.00008
-150.00	40.00	0.00008	-150.00	30.00	0.00009
-150.00	25.00	0.00009	-150.00	20.00	0.00009
-150.00	17.00	0.00009	-150.00	15.00	0.00009
-150.00	13.00	0.00009	-150.00	11.00	0.00009
-150.00	9.00	0.00009	-150.00	-9.00	0.00010
-150.00	-11.00	0.00010	-150.00	-13.00	0.00010
-150.00	-15.00	0.00010	-150.00	-17.00	0.00010

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:36:35

\*\*MODELOPTs:



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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00011	-150.00	-25.00	0.00011
-150.00	-30.00	0.00011	-150.00	-40.00	0.00012
-150.00	-50.00	0.00012	-150.00	-60.00	0.00013
-150.00	-70.00	0.00013	-150.00	-80.00	0.00014
-150.00	-90.00	0.00014	-150.00	-100.00	0.00015
-140.00	100.00	0.00006	-140.00	90.00	0.00007
-140.00	80.00	0.00007	-140.00	70.00	0.00007
-140.00	60.00	0.00008	-140.00	50.00	0.00008
-140.00	40.00	0.00009	-140.00	30.00	0.00009
-140.00	25.00	0.00009	-140.00	20.00	0.00010
-140.00	17.00	0.00010	-140.00	15.00	0.00010
-140.00	13.00	0.00010	-140.00	11.00	0.00010
-140.00	9.00	0.00010	-140.00	-9.00	0.00011
-140.00	-11.00	0.00011	-140.00	-13.00	0.00011
-140.00	-15.00	0.00011	-140.00	-17.00	0.00011
-140.00	-20.00	0.00011	-140.00	-25.00	0.00011
-140.00	-30.00	0.00012	-140.00	-40.00	0.00012
-140.00	-50.00	0.00013	-140.00	-60.00	0.00014
-140.00	-70.00	0.00014	-140.00	-80.00	0.00015
-140.00	-90.00	0.00015	-140.00	-100.00	0.00016
-130.00	100.00	0.00007	-130.00	90.00	0.00007
-130.00	80.00	0.00007	-130.00	70.00	0.00008
-130.00	60.00	0.00008	-130.00	50.00	0.00009
-130.00	40.00	0.00009	-130.00	30.00	0.00010
-130.00	25.00	0.00010	-130.00	20.00	0.00010
-130.00	17.00	0.00010	-130.00	15.00	0.00010
-130.00	13.00	0.00010	-130.00	11.00	0.00010
-130.00	9.00	0.00011	-130.00	-9.00	0.00011
-130.00	-11.00	0.00011	-130.00	-13.00	0.00012
-130.00	-15.00	0.00012	-130.00	-17.00	0.00012
-130.00	-20.00	0.00012	-130.00	-25.00	0.00012
-130.00	-30.00	0.00013	-130.00	-40.00	0.00013
-130.00	-50.00	0.00014	-130.00	-60.00	0.00015
-130.00	-70.00	0.00015	-130.00	-80.00	0.00016
-130.00	-90.00	0.00017	-130.00	-100.00	0.00017
-120.00	100.00	0.00007	-120.00	90.00	0.00007
-120.00	80.00	0.00008	-120.00	70.00	0.00008



10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

17:36:35

\*\*MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00008	-90.00	90.00	0.00009
-90.00	80.00	0.00009	-90.00	70.00	0.00009
-90.00	60.00	0.00010	-90.00	50.00	0.00010
-90.00	40.00	0.00011	-90.00	30.00	0.00012
-90.00	25.00	0.00012	-90.00	20.00	0.00013
-90.00	17.00	0.00013	-90.00	15.00	0.00013
-90.00	13.00	0.00013	-90.00	11.00	0.00013
-90.00	9.00	0.00014	-90.00	-9.00	0.00015
-90.00	-11.00	0.00015	-90.00	-13.00	0.00015
-90.00	-15.00	0.00015	-90.00	-17.00	0.00015
-90.00	-20.00	0.00016	-90.00	-25.00	0.00016
-90.00	-30.00	0.00017	-90.00	-40.00	0.00018
-90.00	-50.00	0.00019	-90.00	-60.00	0.00020
-90.00	-70.00	0.00021	-90.00	-80.00	0.00022
-90.00	-90.00	0.00023	-90.00	-100.00	0.00024
-80.00	100.00	0.00009	-80.00	90.00	0.00009
-80.00	80.00	0.00009	-80.00	70.00	0.00010
-80.00	60.00	0.00010	-80.00	50.00	0.00011
-80.00	40.00	0.00012	-80.00	30.00	0.00013
-80.00	25.00	0.00013	-80.00	20.00	0.00014
-80.00	17.00	0.00014	-80.00	15.00	0.00014
-80.00	13.00	0.00014	-80.00	11.00	0.00014
-80.00	9.00	0.00014	-80.00	-9.00	0.00016
-80.00	-11.00	0.00016	-80.00	-13.00	0.00016
-80.00	-15.00	0.00016	-80.00	-17.00	0.00017

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

17:36:35

\*\*MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-60.00	-90.00	0.00029	-60.00	-100.00	0.00030
-50.00	100.00	0.00010	-50.00	90.00	0.00011
-50.00	80.00	0.00011	-50.00	70.00	0.00012
-50.00	60.00	0.00013	-50.00	50.00	0.00013
-50.00	40.00	0.00014	-50.00	30.00	0.00016
-50.00	25.00	0.00016	-50.00	20.00	0.00017
-50.00	17.00	0.00017	-50.00	15.00	0.00017
-50.00	13.00	0.00018	-50.00	11.00	0.00018
-50.00	9.00	0.00018	-50.00	-9.00	0.00020
-50.00	-11.00	0.00020	-50.00	-13.00	0.00020
-50.00	-15.00	0.00021	-50.00	-17.00	0.00021
-50.00	-20.00	0.00021	-50.00	-25.00	0.00022
-50.00	-30.00	0.00023	-50.00	-40.00	0.00025
-50.00	-50.00	0.00026	-50.00	-60.00	0.00028
-50.00	-70.00	0.00029	-50.00	-80.00	0.00031
-50.00	-90.00	0.00032	-50.00	-100.00	0.00033
-40.00	100.00	0.00011	-40.00	90.00	0.00012
-40.00	80.00	0.00012	-40.00	70.00	0.00013
-40.00	60.00	0.00013	-40.00	50.00	0.00014
-40.00	40.00	0.00015	-40.00	30.00	0.00017
-40.00	25.00	0.00017	-40.00	20.00	0.00018

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

17:36:35  
 \*\*MODELOPTs:  
 PAGE 31  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00018	-40.00	15.00	0.00019
-40.00	13.00	0.00019	-40.00	11.00	0.00019
-40.00	9.00	0.00019	-40.00	-9.00	0.00022
-40.00	-11.00	0.00022	-40.00	-13.00	0.00022
-40.00	-15.00	0.00023	-40.00	-17.00	0.00023
-40.00	-20.00	0.00023	-40.00	-25.00	0.00024
-40.00	-30.00	0.00025	-40.00	-40.00	0.00027
-40.00	-50.00	0.00029	-40.00	-60.00	0.00031
-40.00	-70.00	0.00033	-40.00	-80.00	0.00034
-40.00	-90.00	0.00036	-40.00	-100.00	0.00036
-30.00	100.00	0.00012	-30.00	90.00	0.00012
-30.00	80.00	0.00013	-30.00	70.00	0.00014
-30.00	60.00	0.00014	-30.00	50.00	0.00015

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	40.00	0.00016	-30.00	30.00	0.00018
-30.00	25.00	0.00019	-30.00	20.00	0.00020
-30.00	17.00	0.00020	-30.00	15.00	0.00020
-30.00	13.00	0.00021	-30.00	11.00	0.00021
-30.00	9.00	0.00021	-30.00	-9.00	0.00024
-30.00	-11.00	0.00024	-30.00	-13.00	0.00024
-30.00	-15.00	0.00025	-30.00	-17.00	0.00025
-30.00	-20.00	0.00026	-30.00	-25.00	0.00027
-30.00	-30.00	0.00028	-30.00	-40.00	0.00030
-30.00	-50.00	0.00032	-30.00	-60.00	0.00034
-30.00	-70.00	0.00036	-30.00	-80.00	0.00038
-30.00	-90.00	0.00039	-30.00	-100.00	0.00040
-20.00	100.00	0.00013	-20.00	90.00	0.00013
-20.00	80.00	0.00014	-20.00	70.00	0.00015
-20.00	60.00	0.00015	-20.00	50.00	0.00016
-20.00	40.00	0.00018	-20.00	30.00	0.00019
-20.00	25.00	0.00020	-20.00	20.00	0.00021
-20.00	17.00	0.00022	-20.00	15.00	0.00022
-20.00	13.00	0.00022	-20.00	11.00	0.00023
-20.00	9.00	0.00023	-20.00	-9.00	0.00026
-20.00	-11.00	0.00026	-20.00	-13.00	0.00027
-20.00	-15.00	0.00027	-20.00	-17.00	0.00028
-20.00	-20.00	0.00028	-20.00	-25.00	0.00030
-20.00	-30.00	0.00031	-20.00	-40.00	0.00033
-20.00	-50.00	0.00036	-20.00	-60.00	0.00038
-20.00	-70.00	0.00040	-20.00	-80.00	0.00042
-20.00	-90.00	0.00043	-20.00	-100.00	0.00044

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

17:36:35  
 \*\*MODELOPTs:  
 PAGE 32

CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00014	-10.00	90.00	0.00014
-10.00	80.00	0.00015	-10.00	70.00	0.00016
-10.00	60.00	0.00017	-10.00	50.00	0.00018
-10.00	40.00	0.00019	-10.00	30.00	0.00021
-10.00	25.00	0.00022	-10.00	20.00	0.00023
-10.00	17.00	0.00024	-10.00	15.00	0.00024
-10.00	13.00	0.00025	-10.00	11.00	0.00025

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	9.00	0.00025	-10.00	-9.00	0.00029
-10.00	-11.00	0.00029	-10.00	-13.00	0.00030
-10.00	-15.00	0.00030	-10.00	-17.00	0.00031
-10.00	-20.00	0.00032	-10.00	-25.00	0.00033
-10.00	-30.00	0.00034	-10.00	-40.00	0.00037
-10.00	-50.00	0.00040	-10.00	-60.00	0.00043
-10.00	-70.00	0.00045	-10.00	-80.00	0.00047
-10.00	-90.00	0.00048	-10.00	-100.00	0.00048
0.00	100.00	0.00015	0.00	90.00	0.00016
0.00	80.00	0.00016	0.00	70.00	0.00017
0.00	60.00	0.00018	0.00	50.00	0.00019
0.00	40.00	0.00021	0.00	30.00	0.00023
0.00	25.00	0.00024	0.00	20.00	0.00025
0.00	17.00	0.00026	0.00	15.00	0.00026
0.00	13.00	0.00027	0.00	11.00	0.00027
0.00	9.00	0.00028	0.00	-9.00	0.00032
0.00	-11.00	0.00033	0.00	-13.00	0.00033
0.00	-15.00	0.00034	0.00	-17.00	0.00034
0.00	-20.00	0.00035	0.00	-25.00	0.00037
0.00	-30.00	0.00038	0.00	-40.00	0.00042
0.00	-50.00	0.00045	0.00	-60.00	0.00048
0.00	-70.00	0.00051	0.00	-80.00	0.00052
0.00	-90.00	0.00053	0.00	-100.00	0.00052
10.00	100.00	0.00016	10.00	90.00	0.00017
10.00	80.00	0.00018	10.00	70.00	0.00019
10.00	60.00	0.00020	10.00	50.00	0.00021
10.00	40.00	0.00023	10.00	30.00	0.00025
10.00	25.00	0.00026	10.00	20.00	0.00028
10.00	17.00	0.00029	10.00	15.00	0.00029
10.00	13.00	0.00030	10.00	11.00	0.00030
10.00	9.00	0.00031	10.00	-9.00	0.00036
10.00	-11.00	0.00036	10.00	-13.00	0.00037
10.00	-15.00	0.00038	10.00	-17.00	0.00038

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

17:36:35  
 \*\*MODELOPTs:  
 PAGE 33  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00040	10.00	-25.00	0.00041

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

10.00	-30.00	0.00043	10.00	-40.00	0.00047
10.00	-50.00	0.00051	10.00	-60.00	0.00055
10.00	-70.00	0.00058	10.00	-80.00	0.00059
10.00	-90.00	0.00058	10.00	-100.00	0.00056
20.00	100.00	0.00018	20.00	90.00	0.00018
20.00	80.00	0.00019	20.00	70.00	0.00020
20.00	60.00	0.00022	20.00	50.00	0.00023
20.00	40.00	0.00025	20.00	30.00	0.00027
20.00	25.00	0.00029	20.00	20.00	0.00030
20.00	17.00	0.00031	20.00	15.00	0.00032
20.00	13.00	0.00033	20.00	11.00	0.00034
20.00	9.00	0.00034	20.00	-9.00	0.00040
20.00	-11.00	0.00041	20.00	-13.00	0.00042
20.00	-15.00	0.00043	20.00	-17.00	0.00043
20.00	-20.00	0.00045	20.00	-25.00	0.00047
20.00	-30.00	0.00050	20.00	-40.00	0.00054
20.00	-50.00	0.00059	20.00	-60.00	0.00063
20.00	-70.00	0.00065	20.00	-80.00	0.00065
20.00	-90.00	0.00064	20.00	-100.00	0.00061
30.00	100.00	0.00019	30.00	90.00	0.00020
30.00	80.00	0.00021	30.00	70.00	0.00022
30.00	60.00	0.00024	30.00	50.00	0.00025
30.00	40.00	0.00027	30.00	30.00	0.00030
30.00	25.00	0.00032	30.00	20.00	0.00034
30.00	17.00	0.00035	30.00	15.00	0.00036
30.00	13.00	0.00037	30.00	11.00	0.00037
30.00	9.00	0.00038	30.00	-9.00	0.00045
30.00	-11.00	0.00046	30.00	-13.00	0.00047
30.00	-15.00	0.00049	30.00	-17.00	0.00050
30.00	-20.00	0.00051	30.00	-25.00	0.00054
30.00	-30.00	0.00057	30.00	-40.00	0.00063
30.00	-50.00	0.00068	30.00	-60.00	0.00072
30.00	-70.00	0.00074	30.00	-80.00	0.00073
30.00	-90.00	0.00070	30.00	-100.00	0.00066
40.00	100.00	0.00021	40.00	90.00	0.00022
40.00	80.00	0.00023	40.00	70.00	0.00025
40.00	60.00	0.00026	40.00	50.00	0.00028
40.00	40.00	0.00030	40.00	30.00	0.00033
40.00	25.00	0.00035	40.00	20.00	0.00037

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:36:35

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT



\*\*\*

INCLUDING SOURCE(S) : NCRA\_S1 ,

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00039	40.00	15.00	0.00040
40.00	13.00	0.00041	40.00	11.00	0.00042
40.00	9.00	0.00043	40.00	-9.00	0.00052
40.00	-11.00	0.00053	40.00	-13.00	0.00054
40.00	-15.00	0.00056	40.00	-17.00	0.00057
40.00	-20.00	0.00059	40.00	-25.00	0.00063
40.00	-30.00	0.00066	40.00	-40.00	0.00073
40.00	-50.00	0.00080	40.00	-60.00	0.00083
40.00	-70.00	0.00083	40.00	-80.00	0.00080
40.00	-90.00	0.00076	40.00	-100.00	0.00072
50.00	100.00	0.00023	50.00	90.00	0.00024
50.00	80.00	0.00026	50.00	70.00	0.00027
50.00	60.00	0.00029	50.00	50.00	0.00031
50.00	40.00	0.00033	50.00	30.00	0.00037
50.00	25.00	0.00039	50.00	20.00	0.00042
50.00	17.00	0.00044	50.00	15.00	0.00045
50.00	13.00	0.00046	50.00	11.00	0.00047
50.00	9.00	0.00049	50.00	-9.00	0.00060
50.00	-11.00	0.00062	50.00	-13.00	0.00063
50.00	-15.00	0.00065	50.00	-17.00	0.00067
50.00	-20.00	0.00069	50.00	-25.00	0.00074
50.00	-30.00	0.00078	50.00	-40.00	0.00087
50.00	-50.00	0.00093	50.00	-60.00	0.00095
50.00	-70.00	0.00093	50.00	-80.00	0.00089
50.00	-90.00	0.00083	50.00	-100.00	0.00077
60.00	100.00	0.00025	60.00	90.00	0.00027
60.00	80.00	0.00028	60.00	70.00	0.00030
60.00	60.00	0.00033	60.00	50.00	0.00035
60.00	40.00	0.00038	60.00	30.00	0.00041
60.00	25.00	0.00044	60.00	20.00	0.00047
60.00	17.00	0.00049	60.00	15.00	0.00051
60.00	13.00	0.00052	60.00	11.00	0.00054
60.00	9.00	0.00055	60.00	-9.00	0.00070
60.00	-11.00	0.00072	60.00	-13.00	0.00074
60.00	-15.00	0.00076	60.00	-17.00	0.00079
60.00	-20.00	0.00082	60.00	-25.00	0.00088
60.00	-30.00	0.00094	60.00	-40.00	0.00104
60.00	-50.00	0.00109	60.00	-60.00	0.00109
60.00	-70.00	0.00104	60.00	-80.00	0.00098

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

60.00 -90.00 0.00091 60.00 -100.00 0.00083

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00028	70.00	90.00	0.00030
70.00	80.00	0.00032	70.00	70.00	0.00034
70.00	60.00	0.00037	70.00	50.00	0.00039
70.00	40.00	0.00043	70.00	30.00	0.00047
70.00	25.00	0.00049	70.00	20.00	0.00053
70.00	17.00	0.00055	70.00	15.00	0.00057
70.00	13.00	0.00059	70.00	11.00	0.00061
70.00	9.00	0.00063	70.00	-9.00	0.00083
70.00	-11.00	0.00085	70.00	-13.00	0.00088
70.00	-15.00	0.00091	70.00	-17.00	0.00094
70.00	-20.00	0.00099	70.00	-25.00	0.00106
70.00	-30.00	0.00114	70.00	-40.00	0.00124
70.00	-50.00	0.00127	70.00	-60.00	0.00124
70.00	-70.00	0.00116	70.00	-80.00	0.00107
70.00	-90.00	0.00099	70.00	-100.00	0.00090
80.00	100.00	0.00033	80.00	90.00	0.00034
80.00	80.00	0.00036	80.00	70.00	0.00038
80.00	60.00	0.00041	80.00	50.00	0.00045
80.00	40.00	0.00049	80.00	30.00	0.00053
80.00	25.00	0.00056	80.00	20.00	0.00060
80.00	17.00	0.00063	80.00	15.00	0.00065
80.00	13.00	0.00068	80.00	11.00	0.00070
80.00	9.00	0.00073	80.00	-9.00	0.00099
80.00	-11.00	0.00103	80.00	-13.00	0.00107
80.00	-15.00	0.00111	80.00	-17.00	0.00115
80.00	-20.00	0.00121	80.00	-25.00	0.00131
80.00	-30.00	0.00140	80.00	-40.00	0.00149
80.00	-50.00	0.00148	80.00	-60.00	0.00140
80.00	-70.00	0.00129	80.00	-80.00	0.00118
80.00	-90.00	0.00107	80.00	-100.00	0.00097
90.00	100.00	0.00040	90.00	90.00	0.00041
90.00	80.00	0.00043	90.00	70.00	0.00045
90.00	60.00	0.00048	90.00	50.00	0.00051

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00	40.00	0.00056	90.00	30.00	0.00061
90.00	25.00	0.00065	90.00	20.00	0.00069
90.00	17.00	0.00072	90.00	15.00	0.00075
90.00	13.00	0.00078	90.00	11.00	0.00081
90.00	9.00	0.00085	90.00	-9.00	0.00121
90.00	-11.00	0.00126	90.00	-13.00	0.00132
90.00	-15.00	0.00138	90.00	-17.00	0.00143

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00152	90.00	-25.00	0.00165
90.00	-30.00	0.00173	90.00	-40.00	0.00177
90.00	-50.00	0.00170	90.00	-60.00	0.00157
90.00	-70.00	0.00143	90.00	-80.00	0.00129
90.00	-90.00	0.00116	90.00	-100.00	0.00104
100.00	100.00	0.00051	100.00	90.00	0.00052
100.00	80.00	0.00053	100.00	70.00	0.00055
100.00	60.00	0.00057	100.00	50.00	0.00060
100.00	40.00	0.00065	100.00	30.00	0.00071
100.00	25.00	0.00075	100.00	20.00	0.00080
100.00	17.00	0.00084	100.00	15.00	0.00087
100.00	13.00	0.00090	100.00	11.00	0.00094
100.00	9.00	0.00098	100.00	-9.00	0.00151
100.00	-11.00	0.00159	100.00	-13.00	0.00167
100.00	-15.00	0.00176	100.00	-17.00	0.00184
100.00	-20.00	0.00194	100.00	-25.00	0.00207
100.00	-30.00	0.00212	100.00	-40.00	0.00208
100.00	-50.00	0.00195	100.00	-60.00	0.00177
100.00	-70.00	0.00158	100.00	-80.00	0.00141
100.00	-90.00	0.00125	100.00	-100.00	0.00112
110.00	100.00	0.00066	110.00	90.00	0.00069
110.00	80.00	0.00071	110.00	70.00	0.00073
110.00	60.00	0.00075	110.00	50.00	0.00077
110.00	40.00	0.00079	110.00	30.00	0.00084
110.00	25.00	0.00089	110.00	20.00	0.00094
110.00	17.00	0.00098	110.00	15.00	0.00101
110.00	13.00	0.00105	110.00	11.00	0.00109

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	9.00	0.00114	110.00	-9.00	0.00194
110.00	-11.00	0.00207	110.00	-13.00	0.00219
110.00	-15.00	0.00230	110.00	-17.00	0.00239
110.00	-20.00	0.00249	110.00	-25.00	0.00256
110.00	-30.00	0.00256	110.00	-40.00	0.00243
110.00	-50.00	0.00222	110.00	-60.00	0.00197
110.00	-70.00	0.00174	110.00	-80.00	0.00152
110.00	-90.00	0.00134	110.00	-100.00	0.00118
120.00	100.00	0.00087	120.00	90.00	0.00093
120.00	80.00	0.00099	120.00	70.00	0.00104
120.00	60.00	0.00109	120.00	50.00	0.00111
120.00	40.00	0.00112	120.00	30.00	0.00111
120.00	25.00	0.00111	120.00	20.00	0.00114

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00117	120.00	15.00	0.00121
120.00	13.00	0.00124	120.00	11.00	0.00129
120.00	9.00	0.00135	120.00	-9.00	0.00263
120.00	-11.00	0.00279	120.00	-13.00	0.00291
120.00	-15.00	0.00300	120.00	-17.00	0.00306
120.00	-20.00	0.00311	120.00	-25.00	0.00311
120.00	-30.00	0.00305	120.00	-40.00	0.00281
120.00	-50.00	0.00249	120.00	-60.00	0.00217
120.00	-70.00	0.00188	120.00	-80.00	0.00163
120.00	-90.00	0.00142	120.00	-100.00	0.00124
130.00	100.00	0.00112	130.00	90.00	0.00122
130.00	80.00	0.00133	130.00	70.00	0.00146
130.00	60.00	0.00160	130.00	50.00	0.00175
130.00	40.00	0.00187	130.00	30.00	0.00193
130.00	25.00	0.00192	130.00	20.00	0.00187
130.00	17.00	0.00181	130.00	15.00	0.00178
130.00	13.00	0.00175	130.00	11.00	0.00174
130.00	9.00	0.00176	130.00	-9.00	0.00369
130.00	-11.00	0.00377	130.00	-13.00	0.00382
130.00	-15.00	0.00384	130.00	-17.00	0.00384
130.00	-20.00	0.00382	130.00	-25.00	0.00371

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

130.00	-30.00	0.00356	130.00	-40.00	0.00316
130.00	-50.00	0.00273	130.00	-60.00	0.00233
130.00	-70.00	0.00199	130.00	-80.00	0.00171
130.00	-90.00	0.00147	130.00	-100.00	0.00128
140.00	100.00	0.00135	140.00	90.00	0.00151
140.00	80.00	0.00169	140.00	70.00	0.00190
140.00	60.00	0.00216	140.00	50.00	0.00247
140.00	40.00	0.00283	140.00	30.00	0.00323
140.00	25.00	0.00345	140.00	20.00	0.00366
140.00	17.00	0.00379	140.00	15.00	0.00388
140.00	13.00	0.00397	140.00	11.00	0.00408
140.00	9.00	0.00422	140.00	-9.00	0.00473
140.00	-11.00	0.00466	140.00	-13.00	0.00460
140.00	-15.00	0.00455	140.00	-17.00	0.00449
140.00	-20.00	0.00438	140.00	-25.00	0.00417
140.00	-30.00	0.00393	140.00	-40.00	0.00340
140.00	-50.00	0.00288	140.00	-60.00	0.00243
140.00	-70.00	0.00205	140.00	-80.00	0.00175
140.00	-90.00	0.00150	140.00	-100.00	0.00130

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

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00156	150.00	90.00	0.00176
150.00	80.00	0.00199	150.00	70.00	0.00227
150.00	60.00	0.00262	150.00	50.00	0.00304
150.00	40.00	0.00354	150.00	30.00	0.00412
150.00	25.00	0.00442	150.00	20.00	0.00470
150.00	17.00	0.00484	150.00	15.00	0.00492
150.00	13.00	0.00498	150.00	11.00	0.00504
150.00	9.00	0.00510	150.00	-9.00	0.00488
150.00	-11.00	0.00481	150.00	-13.00	0.00475
150.00	-15.00	0.00469	150.00	-17.00	0.00462
150.00	-20.00	0.00451	150.00	-25.00	0.00428
150.00	-30.00	0.00402	150.00	-40.00	0.00345
150.00	-50.00	0.00290	150.00	-60.00	0.00244
150.00	-70.00	0.00206	150.00	-80.00	0.00175
150.00	-90.00	0.00149	150.00	-100.00	0.00129

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	100.00	0.00173	160.00	90.00	0.00196
160.00	80.00	0.00223	160.00	70.00	0.00256
160.00	60.00	0.00296	160.00	50.00	0.00343
160.00	40.00	0.00399	160.00	30.00	0.00460
160.00	25.00	0.00490	160.00	20.00	0.00516
160.00	17.00	0.00527	160.00	15.00	0.00531
160.00	13.00	0.00534	160.00	11.00	0.00536
160.00	9.00	0.00538	160.00	-9.00	0.00488
160.00	-11.00	0.00480	160.00	-13.00	0.00473
160.00	-15.00	0.00466	160.00	-17.00	0.00459
160.00	-20.00	0.00446	160.00	-25.00	0.00421
160.00	-30.00	0.00393	160.00	-40.00	0.00334
160.00	-50.00	0.00280	160.00	-60.00	0.00236
160.00	-70.00	0.00199	160.00	-80.00	0.00169
160.00	-90.00	0.00144	160.00	-100.00	0.00124
170.00	100.00	0.00185	170.00	90.00	0.00211
170.00	80.00	0.00241	170.00	70.00	0.00276
170.00	60.00	0.00318	170.00	50.00	0.00368
170.00	40.00	0.00425	170.00	30.00	0.00486
170.00	25.00	0.00513	170.00	20.00	0.00535
170.00	17.00	0.00543	170.00	15.00	0.00546
170.00	13.00	0.00548	170.00	11.00	0.00547
170.00	9.00	0.00547	170.00	-9.00	0.00479
170.00	-11.00	0.00470	170.00	-13.00	0.00462
170.00	-15.00	0.00453	170.00	-17.00	0.00445

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00430	170.00	-25.00	0.00403
170.00	-30.00	0.00373	170.00	-40.00	0.00313
170.00	-50.00	0.00263	170.00	-60.00	0.00221
170.00	-70.00	0.00187	170.00	-80.00	0.00159
170.00	-90.00	0.00136	170.00	-100.00	0.00117
180.00	100.00	0.00192	180.00	90.00	0.00219
180.00	80.00	0.00251	180.00	70.00	0.00288
180.00	60.00	0.00331	180.00	50.00	0.00382
180.00	40.00	0.00439	180.00	30.00	0.00496

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	25.00	0.00522	180.00	20.00	0.00541
180.00	17.00	0.00548	180.00	15.00	0.00550
180.00	13.00	0.00550	180.00	11.00	0.00549
180.00	9.00	0.00547	180.00	-9.00	0.00462
180.00	-11.00	0.00450	180.00	-13.00	0.00440
180.00	-15.00	0.00430	180.00	-17.00	0.00419
180.00	-20.00	0.00402	180.00	-25.00	0.00372
180.00	-30.00	0.00342	180.00	-40.00	0.00287
180.00	-50.00	0.00240	180.00	-60.00	0.00202
180.00	-70.00	0.00171	180.00	-80.00	0.00145
180.00	-90.00	0.00124	180.00	-100.00	0.00107
190.00	100.00	0.00192	190.00	90.00	0.00220
190.00	80.00	0.00252	190.00	70.00	0.00291
190.00	60.00	0.00336	190.00	50.00	0.00387
190.00	40.00	0.00443	190.00	30.00	0.00498
190.00	25.00	0.00521	190.00	20.00	0.00539
190.00	17.00	0.00546	190.00	15.00	0.00547
190.00	13.00	0.00546	190.00	11.00	0.00544
190.00	9.00	0.00541	190.00	-9.00	0.00434
190.00	-11.00	0.00419	190.00	-13.00	0.00405
190.00	-15.00	0.00392	190.00	-17.00	0.00379
190.00	-20.00	0.00360	190.00	-25.00	0.00329
190.00	-30.00	0.00301	190.00	-40.00	0.00254
190.00	-50.00	0.00213	190.00	-60.00	0.00179
190.00	-70.00	0.00151	190.00	-80.00	0.00128
190.00	-90.00	0.00110	190.00	-100.00	0.00095
200.00	100.00	0.00184	200.00	90.00	0.00211
200.00	80.00	0.00244	200.00	70.00	0.00282
200.00	60.00	0.00328	200.00	50.00	0.00380
200.00	40.00	0.00437	200.00	30.00	0.00491
200.00	25.00	0.00514	200.00	20.00	0.00531

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

URBAN FLAT FLGPOL DFAULT

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

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00536	200.00	15.00	0.00537
200.00	13.00	0.00535	200.00	11.00	0.00532
200.00	9.00	0.00528	200.00	-9.00	0.00390

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-11.00	0.00370	200.00	-13.00	0.00352
200.00	-15.00	0.00337	200.00	-17.00	0.00322
200.00	-20.00	0.00303	200.00	-25.00	0.00276
200.00	-30.00	0.00254	200.00	-40.00	0.00214
200.00	-50.00	0.00180	200.00	-60.00	0.00152
200.00	-70.00	0.00129	200.00	-80.00	0.00110
200.00	-90.00	0.00095	200.00	-100.00	0.00083
210.00	100.00	0.00170	210.00	90.00	0.00194
210.00	80.00	0.00223	210.00	70.00	0.00258
210.00	60.00	0.00301	210.00	50.00	0.00351
210.00	40.00	0.00408	210.00	30.00	0.00468
210.00	25.00	0.00495	210.00	20.00	0.00514
210.00	17.00	0.00519	210.00	15.00	0.00519
210.00	13.00	0.00517	210.00	11.00	0.00513
210.00	9.00	0.00508	210.00	-9.00	0.00319
210.00	-11.00	0.00295	210.00	-13.00	0.00277
210.00	-15.00	0.00262	210.00	-17.00	0.00250
210.00	-20.00	0.00236	210.00	-25.00	0.00216
210.00	-30.00	0.00198	210.00	-40.00	0.00169
210.00	-50.00	0.00144	210.00	-60.00	0.00123
210.00	-70.00	0.00106	210.00	-80.00	0.00092
210.00	-90.00	0.00080	210.00	-100.00	0.00070
220.00	100.00	0.00150	220.00	90.00	0.00170
220.00	80.00	0.00193	220.00	70.00	0.00220
220.00	60.00	0.00253	220.00	50.00	0.00291
220.00	40.00	0.00335	220.00	30.00	0.00387
220.00	25.00	0.00415	220.00	20.00	0.00441
220.00	17.00	0.00454	220.00	15.00	0.00461
220.00	13.00	0.00466	220.00	11.00	0.00468
220.00	9.00	0.00467	220.00	-9.00	0.00207
220.00	-11.00	0.00191	220.00	-13.00	0.00180
220.00	-15.00	0.00171	220.00	-17.00	0.00165
220.00	-20.00	0.00157	220.00	-25.00	0.00147
220.00	-30.00	0.00138	220.00	-40.00	0.00122
220.00	-50.00	0.00108	220.00	-60.00	0.00095
220.00	-70.00	0.00084	220.00	-80.00	0.00074
220.00	-90.00	0.00066	220.00	-100.00	0.00059

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



10NCRA\_NAPA01-300 DPM TRAV ANN E-W Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00129	230.00	90.00	0.00144
230.00	80.00	0.00160	230.00	70.00	0.00179
230.00	60.00	0.00198	230.00	50.00	0.00219
230.00	40.00	0.00240	230.00	30.00	0.00256
230.00	25.00	0.00261	230.00	20.00	0.00259
230.00	17.00	0.00255	230.00	15.00	0.00249
230.00	13.00	0.00241	230.00	11.00	0.00230
230.00	9.00	0.00217	230.00	-9.00	0.00096
230.00	-11.00	0.00094	230.00	-13.00	0.00093
230.00	-15.00	0.00092	230.00	-17.00	0.00091
230.00	-20.00	0.00090	230.00	-25.00	0.00089
230.00	-30.00	0.00088	230.00	-40.00	0.00083
230.00	-50.00	0.00077	230.00	-60.00	0.00071
230.00	-70.00	0.00065	230.00	-80.00	0.00059
230.00	-90.00	0.00053	230.00	-100.00	0.00048
240.00	100.00	0.00110	240.00	90.00	0.00120
240.00	80.00	0.00131	240.00	70.00	0.00142
240.00	60.00	0.00152	240.00	50.00	0.00161
240.00	40.00	0.00166	240.00	30.00	0.00165
240.00	25.00	0.00160	240.00	20.00	0.00152
240.00	17.00	0.00145	240.00	15.00	0.00140
240.00	13.00	0.00134	240.00	11.00	0.00128
240.00	9.00	0.00122	240.00	-9.00	0.00070
240.00	-11.00	0.00068	240.00	-13.00	0.00066
240.00	-15.00	0.00065	240.00	-17.00	0.00065
240.00	-20.00	0.00064	240.00	-25.00	0.00063
240.00	-30.00	0.00061	240.00	-40.00	0.00059
240.00	-50.00	0.00056	240.00	-60.00	0.00053
240.00	-70.00	0.00050	240.00	-80.00	0.00046
240.00	-90.00	0.00043	240.00	-100.00	0.00039
250.00	100.00	0.00093	250.00	90.00	0.00099
250.00	80.00	0.00106	250.00	70.00	0.00111
250.00	60.00	0.00116	250.00	50.00	0.00119
250.00	40.00	0.00118	250.00	30.00	0.00112
250.00	25.00	0.00107	250.00	20.00	0.00100
250.00	17.00	0.00097	250.00	15.00	0.00094
250.00	13.00	0.00092	250.00	11.00	0.00089
250.00	9.00	0.00086	250.00	-9.00	0.00055
250.00	-11.00	0.00053	250.00	-13.00	0.00052
250.00	-15.00	0.00051	250.00	-17.00	0.00050

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10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

\*\*\*

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\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00049	250.00	-25.00	0.00048
250.00	-30.00	0.00048	250.00	-40.00	0.00046
250.00	-50.00	0.00044	250.00	-60.00	0.00041
250.00	-70.00	0.00039	250.00	-80.00	0.00037
250.00	-90.00	0.00035	250.00	-100.00	0.00032

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

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

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	17.00	0.00009	-240.00	15.00	0.00009
-240.00	13.00	0.00009	-240.00	11.00	0.00009
-240.00	9.00	0.00009	-240.00	-9.00	0.00010
-240.00	-11.00	0.00010	-240.00	-13.00	0.00010
-240.00	-15.00	0.00010	-240.00	-17.00	0.00010
-240.00	-20.00	0.00011	-240.00	-25.00	0.00011
-240.00	-30.00	0.00011	-240.00	-40.00	0.00012
-240.00	-50.00	0.00012	-240.00	-60.00	0.00013
-240.00	-70.00	0.00013	-240.00	-80.00	0.00014
-240.00	-90.00	0.00014	-240.00	-100.00	0.00015
-230.00	100.00	0.00006	-230.00	90.00	0.00007
-230.00	80.00	0.00007	-230.00	70.00	0.00007
-230.00	60.00	0.00008	-230.00	50.00	0.00008
-230.00	40.00	0.00009	-230.00	30.00	0.00009
-230.00	25.00	0.00009	-230.00	20.00	0.00010
-230.00	17.00	0.00010	-230.00	15.00	0.00010
-230.00	13.00	0.00010	-230.00	11.00	0.00010
-230.00	9.00	0.00010	-230.00	-9.00	0.00011
-230.00	-11.00	0.00011	-230.00	-13.00	0.00011
-230.00	-15.00	0.00011	-230.00	-17.00	0.00011

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00011	-230.00	-25.00	0.00011
-230.00	-30.00	0.00012	-230.00	-40.00	0.00012
-230.00	-50.00	0.00013	-230.00	-60.00	0.00014
-230.00	-70.00	0.00014	-230.00	-80.00	0.00015
-230.00	-90.00	0.00015	-230.00	-100.00	0.00016
-220.00	100.00	0.00007	-220.00	90.00	0.00007
-220.00	80.00	0.00007	-220.00	70.00	0.00008
-220.00	60.00	0.00008	-220.00	50.00	0.00009
-220.00	40.00	0.00009	-220.00	30.00	0.00010
-220.00	25.00	0.00010	-220.00	20.00	0.00010
-220.00	17.00	0.00010	-220.00	15.00	0.00010
-220.00	13.00	0.00010	-220.00	11.00	0.00010
-220.00	9.00	0.00011	-220.00	-9.00	0.00011
-220.00	-11.00	0.00011	-220.00	-13.00	0.00012

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-220.00	-15.00	0.00012	-220.00	-17.00	0.00012
-220.00	-20.00	0.00012	-220.00	-25.00	0.00012
-220.00	-30.00	0.00013	-220.00	-40.00	0.00013
-220.00	-50.00	0.00014	-220.00	-60.00	0.00015
-220.00	-70.00	0.00015	-220.00	-80.00	0.00016
-220.00	-90.00	0.00017	-220.00	-100.00	0.00017
-210.00	100.00	0.00007	-210.00	90.00	0.00007
-210.00	80.00	0.00008	-210.00	70.00	0.00008
-210.00	60.00	0.00008	-210.00	50.00	0.00009
-210.00	40.00	0.00010	-210.00	30.00	0.00010
-210.00	25.00	0.00010	-210.00	20.00	0.00011
-210.00	17.00	0.00011	-210.00	15.00	0.00011
-210.00	13.00	0.00011	-210.00	11.00	0.00011
-210.00	9.00	0.00011	-210.00	-9.00	0.00012
-210.00	-11.00	0.00012	-210.00	-13.00	0.00012
-210.00	-15.00	0.00012	-210.00	-17.00	0.00013
-210.00	-20.00	0.00013	-210.00	-25.00	0.00013
-210.00	-30.00	0.00013	-210.00	-40.00	0.00014
-210.00	-50.00	0.00015	-210.00	-60.00	0.00016
-210.00	-70.00	0.00016	-210.00	-80.00	0.00017
-210.00	-90.00	0.00018	-210.00	-100.00	0.00019
-200.00	100.00	0.00007	-200.00	90.00	0.00008
-200.00	80.00	0.00008	-200.00	70.00	0.00008
-200.00	60.00	0.00009	-200.00	50.00	0.00009
-200.00	40.00	0.00010	-200.00	30.00	0.00011
-200.00	25.00	0.00011	-200.00	20.00	0.00011

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00011	-200.00	15.00	0.00012
-200.00	13.00	0.00012	-200.00	11.00	0.00012
-200.00	9.00	0.00012	-200.00	-9.00	0.00013
-200.00	-11.00	0.00013	-200.00	-13.00	0.00013
-200.00	-15.00	0.00013	-200.00	-17.00	0.00013
-200.00	-20.00	0.00014	-200.00	-25.00	0.00014
-200.00	-30.00	0.00014	-200.00	-40.00	0.00015
-200.00	-50.00	0.00016	-200.00	-60.00	0.00017

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-200.00	-70.00	0.00018	-200.00	-80.00	0.00018
-200.00	-90.00	0.00019	-200.00	-100.00	0.00020
-190.00	100.00	0.00008	-190.00	90.00	0.00008
-190.00	80.00	0.00008	-190.00	70.00	0.00009
-190.00	60.00	0.00009	-190.00	50.00	0.00010
-190.00	40.00	0.00011	-190.00	30.00	0.00011
-190.00	25.00	0.00012	-190.00	20.00	0.00012
-190.00	17.00	0.00012	-190.00	15.00	0.00012
-190.00	13.00	0.00012	-190.00	11.00	0.00013
-190.00	9.00	0.00013	-190.00	-9.00	0.00014
-190.00	-11.00	0.00014	-190.00	-13.00	0.00014
-190.00	-15.00	0.00014	-190.00	-17.00	0.00014
-190.00	-20.00	0.00015	-190.00	-25.00	0.00015
-190.00	-30.00	0.00015	-190.00	-40.00	0.00016
-190.00	-50.00	0.00017	-190.00	-60.00	0.00018
-190.00	-70.00	0.00019	-190.00	-80.00	0.00020
-190.00	-90.00	0.00021	-190.00	-100.00	0.00022
-180.00	100.00	0.00008	-180.00	90.00	0.00009
-180.00	80.00	0.00009	-180.00	70.00	0.00009
-180.00	60.00	0.00010	-180.00	50.00	0.00010
-180.00	40.00	0.00011	-180.00	30.00	0.00012
-180.00	25.00	0.00012	-180.00	20.00	0.00013
-180.00	17.00	0.00013	-180.00	15.00	0.00013
-180.00	13.00	0.00013	-180.00	11.00	0.00013
-180.00	9.00	0.00014	-180.00	-9.00	0.00015
-180.00	-11.00	0.00015	-180.00	-13.00	0.00015
-180.00	-15.00	0.00015	-180.00	-17.00	0.00015
-180.00	-20.00	0.00016	-180.00	-25.00	0.00016
-180.00	-30.00	0.00017	-180.00	-40.00	0.00018
-180.00	-50.00	0.00019	-180.00	-60.00	0.00020
-180.00	-70.00	0.00021	-180.00	-80.00	0.00022
-180.00	-90.00	0.00023	-180.00	-100.00	0.00024

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00009	-170.00	90.00	0.00009
-170.00	80.00	0.00009	-170.00	70.00	0.00010

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	60.00	0.00010	-170.00	50.00	0.00011
-170.00	40.00	0.00012	-170.00	30.00	0.00013
-170.00	25.00	0.00013	-170.00	20.00	0.00014
-170.00	17.00	0.00014	-170.00	15.00	0.00014
-170.00	13.00	0.00014	-170.00	11.00	0.00014
-170.00	9.00	0.00014	-170.00	-9.00	0.00016
-170.00	-11.00	0.00016	-170.00	-13.00	0.00016
-170.00	-15.00	0.00016	-170.00	-17.00	0.00017
-170.00	-20.00	0.00017	-170.00	-25.00	0.00017
-170.00	-30.00	0.00018	-170.00	-40.00	0.00019
-170.00	-50.00	0.00020	-170.00	-60.00	0.00021
-170.00	-70.00	0.00022	-170.00	-80.00	0.00023
-170.00	-90.00	0.00025	-170.00	-100.00	0.00026
-160.00	100.00	0.00009	-160.00	90.00	0.00010
-160.00	80.00	0.00010	-160.00	70.00	0.00010
-160.00	60.00	0.00011	-160.00	50.00	0.00012
-160.00	40.00	0.00013	-160.00	30.00	0.00014
-160.00	25.00	0.00014	-160.00	20.00	0.00015
-160.00	17.00	0.00015	-160.00	15.00	0.00015
-160.00	13.00	0.00015	-160.00	11.00	0.00015
-160.00	9.00	0.00016	-160.00	-9.00	0.00017
-160.00	-11.00	0.00017	-160.00	-13.00	0.00017
-160.00	-15.00	0.00018	-160.00	-17.00	0.00018
-160.00	-20.00	0.00018	-160.00	-25.00	0.00019
-160.00	-30.00	0.00019	-160.00	-40.00	0.00021
-160.00	-50.00	0.00022	-160.00	-60.00	0.00023
-160.00	-70.00	0.00024	-160.00	-80.00	0.00026
-160.00	-90.00	0.00027	-160.00	-100.00	0.00028
-150.00	100.00	0.00010	-150.00	90.00	0.00010
-150.00	80.00	0.00011	-150.00	70.00	0.00011
-150.00	60.00	0.00012	-150.00	50.00	0.00012
-150.00	40.00	0.00013	-150.00	30.00	0.00015
-150.00	25.00	0.00015	-150.00	20.00	0.00016
-150.00	17.00	0.00016	-150.00	15.00	0.00016
-150.00	13.00	0.00016	-150.00	11.00	0.00017
-150.00	9.00	0.00017	-150.00	-9.00	0.00018
-150.00	-11.00	0.00019	-150.00	-13.00	0.00019
-150.00	-15.00	0.00019	-150.00	-17.00	0.00019

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

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

17:36:35  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

10NCRA NAPA01-300\_DPM\_TRAV ANN E-W Bound  
 INCLUDING SOURCE(S) : NCRA\_S2 ,

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-150.00	-20.00	0.00020	-150.00	-25.00	0.00020	
-150.00	-30.00	0.00021	-150.00	-40.00	0.00022	
-150.00	-50.00	0.00024	-150.00	-60.00	0.00025	
-150.00	-70.00	0.00027	-150.00	-80.00	0.00028	
-150.00	-90.00	0.00029	-150.00	-100.00	0.00030	
-140.00	100.00	0.00010	-140.00	90.00	0.00011	
-140.00	80.00	0.00011	-140.00	70.00	0.00012	
-140.00	60.00	0.00013	-140.00	50.00	0.00013	
-140.00	40.00	0.00014	-140.00	30.00	0.00016	
-140.00	25.00	0.00016	-140.00	20.00	0.00017	
-140.00	17.00	0.00017	-140.00	15.00	0.00017	
-140.00	13.00	0.00018	-140.00	11.00	0.00018	
-140.00	9.00	0.00018	-140.00	-9.00	0.00020	
-140.00	-11.00	0.00020	-140.00	-13.00	0.00020	
-140.00	-15.00	0.00021	-140.00	-17.00	0.00021	
-140.00	-20.00	0.00021	-140.00	-25.00	0.00022	
-140.00	-30.00	0.00023	-140.00	-40.00	0.00025	
-140.00	-50.00	0.00026	-140.00	-60.00	0.00028	
-140.00	-70.00	0.00029	-140.00	-80.00	0.00031	
-140.00	-90.00	0.00032	-140.00	-100.00	0.00033	
-130.00	100.00	0.00011	-130.00	90.00	0.00012	
-130.00	80.00	0.00012	-130.00	70.00	0.00013	
-130.00	60.00	0.00013	-130.00	50.00	0.00014	
-130.00	40.00	0.00015	-130.00	30.00	0.00017	
-130.00	25.00	0.00017	-130.00	20.00	0.00018	
-130.00	17.00	0.00018	-130.00	15.00	0.00019	
-130.00	13.00	0.00019	-130.00	11.00	0.00019	
-130.00	9.00	0.00019	-130.00	-9.00	0.00022	
-130.00	-11.00	0.00022	-130.00	-13.00	0.00022	
-130.00	-15.00	0.00023	-130.00	-17.00	0.00023	
-130.00	-20.00	0.00023	-130.00	-25.00	0.00024	
-130.00	-30.00	0.00025	-130.00	-40.00	0.00027	
-130.00	-50.00	0.00029	-130.00	-60.00	0.00031	
-130.00	-70.00	0.00033	-130.00	-80.00	0.00034	
-130.00	-90.00	0.00036	-130.00	-100.00	0.00036	
-120.00	100.00	0.00012	-120.00	90.00	0.00012	
-120.00	80.00	0.00013	-120.00	70.00	0.00014	
-120.00	60.00	0.00014	-120.00	50.00	0.00015	
-120.00	40.00	0.00016	-120.00	30.00	0.00018	
-120.00	25.00	0.00019	-120.00	20.00	0.00020	

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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\*\*MODELOPTS:

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

\*\*\*

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00020	-120.00	15.00	0.00020
-120.00	13.00	0.00021	-120.00	11.00	0.00021
-120.00	9.00	0.00021	-120.00	-9.00	0.00024
-120.00	-11.00	0.00024	-120.00	-13.00	0.00024
-120.00	-15.00	0.00025	-120.00	-17.00	0.00025
-120.00	-20.00	0.00026	-120.00	-25.00	0.00027
-120.00	-30.00	0.00028	-120.00	-40.00	0.00030
-120.00	-50.00	0.00032	-120.00	-60.00	0.00034
-120.00	-70.00	0.00036	-120.00	-80.00	0.00038
-120.00	-90.00	0.00039	-120.00	-100.00	0.00040
-110.00	100.00	0.00013	-110.00	90.00	0.00013
-110.00	80.00	0.00014	-110.00	70.00	0.00015
-110.00	60.00	0.00015	-110.00	50.00	0.00016
-110.00	40.00	0.00018	-110.00	30.00	0.00019
-110.00	25.00	0.00020	-110.00	20.00	0.00021
-110.00	17.00	0.00022	-110.00	15.00	0.00022
-110.00	13.00	0.00022	-110.00	11.00	0.00023
-110.00	9.00	0.00023	-110.00	-9.00	0.00026
-110.00	-11.00	0.00026	-110.00	-13.00	0.00027
-110.00	-15.00	0.00027	-110.00	-17.00	0.00028
-110.00	-20.00	0.00028	-110.00	-25.00	0.00030
-110.00	-30.00	0.00031	-110.00	-40.00	0.00033
-110.00	-50.00	0.00036	-110.00	-60.00	0.00038
-110.00	-70.00	0.00040	-110.00	-80.00	0.00042
-110.00	-90.00	0.00043	-110.00	-100.00	0.00044
-100.00	100.00	0.00014	-100.00	90.00	0.00014
-100.00	80.00	0.00015	-100.00	70.00	0.00016
-100.00	60.00	0.00017	-100.00	50.00	0.00018
-100.00	40.00	0.00019	-100.00	30.00	0.00021
-100.00	25.00	0.00022	-100.00	20.00	0.00023
-100.00	17.00	0.00024	-100.00	15.00	0.00024
-100.00	13.00	0.00025	-100.00	11.00	0.00025
-100.00	9.00	0.00025	-100.00	-9.00	0.00029
-100.00	-11.00	0.00029	-100.00	-13.00	0.00030



10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	-15.00	0.00030	-100.00	-17.00	0.00031
-100.00	-20.00	0.00032	-100.00	-25.00	0.00033
-100.00	-30.00	0.00034	-100.00	-40.00	0.00037
-100.00	-50.00	0.00040	-100.00	-60.00	0.00043
-100.00	-70.00	0.00045	-100.00	-80.00	0.00047
-100.00	-90.00	0.00048	-100.00	-100.00	0.00048

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

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

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\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S2 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00015	-90.00	90.00	0.00016
-90.00	80.00	0.00016	-90.00	70.00	0.00017
-90.00	60.00	0.00018	-90.00	50.00	0.00019
-90.00	40.00	0.00021	-90.00	30.00	0.00023
-90.00	25.00	0.00024	-90.00	20.00	0.00025
-90.00	17.00	0.00026	-90.00	15.00	0.00026
-90.00	13.00	0.00027	-90.00	11.00	0.00027
-90.00	9.00	0.00028	-90.00	-9.00	0.00032
-90.00	-11.00	0.00033	-90.00	-13.00	0.00033
-90.00	-15.00	0.00034	-90.00	-17.00	0.00034
-90.00	-20.00	0.00035	-90.00	-25.00	0.00037
-90.00	-30.00	0.00038	-90.00	-40.00	0.00042
-90.00	-50.00	0.00045	-90.00	-60.00	0.00048
-90.00	-70.00	0.00051	-90.00	-80.00	0.00052
-90.00	-90.00	0.00053	-90.00	-100.00	0.00052
-80.00	100.00	0.00016	-80.00	90.00	0.00017
-80.00	80.00	0.00018	-80.00	70.00	0.00019
-80.00	60.00	0.00020	-80.00	50.00	0.00021
-80.00	40.00	0.00023	-80.00	30.00	0.00025
-80.00	25.00	0.00026	-80.00	20.00	0.00028
-80.00	17.00	0.00029	-80.00	15.00	0.00029
-80.00	13.00	0.00030	-80.00	11.00	0.00030
-80.00	9.00	0.00031	-80.00	-9.00	0.00036
-80.00	-11.00	0.00036	-80.00	-13.00	0.00037
-80.00	-15.00	0.00038	-80.00	-17.00	0.00038
-80.00	-20.00	0.00040	-80.00	-25.00	0.00041
-80.00	-30.00	0.00043	-80.00	-40.00	0.00047
-80.00	-50.00	0.00051	-80.00	-60.00	0.00055

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-80.00	-70.00	0.00058	-80.00	-80.00	0.00059
-80.00	-90.00	0.00058	-80.00	-100.00	0.00056
-70.00	100.00	0.00018	-70.00	90.00	0.00018
-70.00	80.00	0.00019	-70.00	70.00	0.00020
-70.00	60.00	0.00022	-70.00	50.00	0.00023
-70.00	40.00	0.00025	-70.00	30.00	0.00027
-70.00	25.00	0.00029	-70.00	20.00	0.00030
-70.00	17.00	0.00031	-70.00	15.00	0.00032
-70.00	13.00	0.00033	-70.00	11.00	0.00034
-70.00	9.00	0.00034	-70.00	-9.00	0.00040
-70.00	-11.00	0.00041	-70.00	-13.00	0.00042
-70.00	-15.00	0.00043	-70.00	-17.00	0.00043

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00045	-70.00	-25.00	0.00047
-70.00	-30.00	0.00050	-70.00	-40.00	0.00054
-70.00	-50.00	0.00059	-70.00	-60.00	0.00063
-70.00	-70.00	0.00065	-70.00	-80.00	0.00065
-70.00	-90.00	0.00064	-70.00	-100.00	0.00061
-60.00	100.00	0.00019	-60.00	90.00	0.00020
-60.00	80.00	0.00021	-60.00	70.00	0.00022
-60.00	60.00	0.00024	-60.00	50.00	0.00025
-60.00	40.00	0.00027	-60.00	30.00	0.00030
-60.00	25.00	0.00032	-60.00	20.00	0.00034
-60.00	17.00	0.00035	-60.00	15.00	0.00036
-60.00	13.00	0.00037	-60.00	11.00	0.00037
-60.00	9.00	0.00038	-60.00	-9.00	0.00045
-60.00	-11.00	0.00046	-60.00	-13.00	0.00047
-60.00	-15.00	0.00049	-60.00	-17.00	0.00050
-60.00	-20.00	0.00051	-60.00	-25.00	0.00054
-60.00	-30.00	0.00057	-60.00	-40.00	0.00063
-60.00	-50.00	0.00068	-60.00	-60.00	0.00072
-60.00	-70.00	0.00074	-60.00	-80.00	0.00073
-60.00	-90.00	0.00070	-60.00	-100.00	0.00066
-50.00	100.00	0.00021	-50.00	90.00	0.00022
-50.00	80.00	0.00023	-50.00	70.00	0.00025

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	60.00	0.00026	-50.00	50.00	0.00028
-50.00	40.00	0.00030	-50.00	30.00	0.00033
-50.00	25.00	0.00035	-50.00	20.00	0.00037
-50.00	17.00	0.00039	-50.00	15.00	0.00040
-50.00	13.00	0.00041	-50.00	11.00	0.00042
-50.00	9.00	0.00043	-50.00	-9.00	0.00052
-50.00	-11.00	0.00053	-50.00	-13.00	0.00054
-50.00	-15.00	0.00056	-50.00	-17.00	0.00057
-50.00	-20.00	0.00059	-50.00	-25.00	0.00063
-50.00	-30.00	0.00066	-50.00	-40.00	0.00073
-50.00	-50.00	0.00080	-50.00	-60.00	0.00083
-50.00	-70.00	0.00083	-50.00	-80.00	0.00080
-50.00	-90.00	0.00076	-50.00	-100.00	0.00072
-40.00	100.00	0.00023	-40.00	90.00	0.00024
-40.00	80.00	0.00026	-40.00	70.00	0.00027
-40.00	60.00	0.00029	-40.00	50.00	0.00031
-40.00	40.00	0.00033	-40.00	30.00	0.00037
-40.00	25.00	0.00039	-40.00	20.00	0.00042

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

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

** CONC OF OTHER            IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00044	-40.00	15.00	0.00045
-40.00	13.00	0.00046	-40.00	11.00	0.00047
-40.00	9.00	0.00049	-40.00	-9.00	0.00060
-40.00	-11.00	0.00062	-40.00	-13.00	0.00063
-40.00	-15.00	0.00065	-40.00	-17.00	0.00067
-40.00	-20.00	0.00069	-40.00	-25.00	0.00074
-40.00	-30.00	0.00078	-40.00	-40.00	0.00087
-40.00	-50.00	0.00093	-40.00	-60.00	0.00095
-40.00	-70.00	0.00093	-40.00	-80.00	0.00089
-40.00	-90.00	0.00083	-40.00	-100.00	0.00077
-30.00	100.00	0.00025	-30.00	90.00	0.00027
-30.00	80.00	0.00028	-30.00	70.00	0.00030
-30.00	60.00	0.00033	-30.00	50.00	0.00035
-30.00	40.00	0.00038	-30.00	30.00	0.00041
-30.00	25.00	0.00044	-30.00	20.00	0.00047
-30.00	17.00	0.00049	-30.00	15.00	0.00051

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	13.00	0.00052	-30.00	11.00	0.00054
-30.00	9.00	0.00055	-30.00	-9.00	0.00070
-30.00	-11.00	0.00072	-30.00	-13.00	0.00074
-30.00	-15.00	0.00076	-30.00	-17.00	0.00079
-30.00	-20.00	0.00082	-30.00	-25.00	0.00088
-30.00	-30.00	0.00094	-30.00	-40.00	0.00104
-30.00	-50.00	0.00109	-30.00	-60.00	0.00109
-30.00	-70.00	0.00104	-30.00	-80.00	0.00098
-30.00	-90.00	0.00091	-30.00	-100.00	0.00083
-20.00	100.00	0.00028	-20.00	90.00	0.00030
-20.00	80.00	0.00032	-20.00	70.00	0.00034
-20.00	60.00	0.00037	-20.00	50.00	0.00039
-20.00	40.00	0.00043	-20.00	30.00	0.00047
-20.00	25.00	0.00049	-20.00	20.00	0.00053
-20.00	17.00	0.00055	-20.00	15.00	0.00057
-20.00	13.00	0.00059	-20.00	11.00	0.00061
-20.00	9.00	0.00063	-20.00	-9.00	0.00083
-20.00	-11.00	0.00085	-20.00	-13.00	0.00088
-20.00	-15.00	0.00091	-20.00	-17.00	0.00094
-20.00	-20.00	0.00099	-20.00	-25.00	0.00106
-20.00	-30.00	0.00114	-20.00	-40.00	0.00124
-20.00	-50.00	0.00127	-20.00	-60.00	0.00124
-20.00	-70.00	0.00116	-20.00	-80.00	0.00107
-20.00	-90.00	0.00099	-20.00	-100.00	0.00090

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

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

17:36:35

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00033	-10.00	90.00	0.00034
-10.00	80.00	0.00036	-10.00	70.00	0.00038
-10.00	60.00	0.00041	-10.00	50.00	0.00045
-10.00	40.00	0.00049	-10.00	30.00	0.00053
-10.00	25.00	0.00056	-10.00	20.00	0.00060
-10.00	17.00	0.00063	-10.00	15.00	0.00065
-10.00	13.00	0.00068	-10.00	11.00	0.00070
-10.00	9.00	0.00073	-10.00	-9.00	0.00099
-10.00	-11.00	0.00103	-10.00	-13.00	0.00107
-10.00	-15.00	0.00111	-10.00	-17.00	0.00115

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-20.00	0.00121	-10.00	-25.00	0.00131
-10.00	-30.00	0.00140	-10.00	-40.00	0.00149
-10.00	-50.00	0.00148	-10.00	-60.00	0.00140
-10.00	-70.00	0.00129	-10.00	-80.00	0.00118
-10.00	-90.00	0.00107	-10.00	-100.00	0.00097
0.00	100.00	0.00040	0.00	90.00	0.00041
0.00	80.00	0.00043	0.00	70.00	0.00045
0.00	60.00	0.00048	0.00	50.00	0.00051
0.00	40.00	0.00056	0.00	30.00	0.00061
0.00	25.00	0.00065	0.00	20.00	0.00069
0.00	17.00	0.00072	0.00	15.00	0.00075
0.00	13.00	0.00078	0.00	11.00	0.00081
0.00	9.00	0.00085	0.00	-9.00	0.00121
0.00	-11.00	0.00126	0.00	-13.00	0.00132
0.00	-15.00	0.00138	0.00	-17.00	0.00143
0.00	-20.00	0.00152	0.00	-25.00	0.00165
0.00	-30.00	0.00173	0.00	-40.00	0.00177
0.00	-50.00	0.00170	0.00	-60.00	0.00157
0.00	-70.00	0.00143	0.00	-80.00	0.00129
0.00	-90.00	0.00116	0.00	-100.00	0.00104
10.00	100.00	0.00051	10.00	90.00	0.00052
10.00	80.00	0.00053	10.00	70.00	0.00055
10.00	60.00	0.00057	10.00	50.00	0.00060
10.00	40.00	0.00065	10.00	30.00	0.00071
10.00	25.00	0.00075	10.00	20.00	0.00080
10.00	17.00	0.00084	10.00	15.00	0.00087
10.00	13.00	0.00090	10.00	11.00	0.00094
10.00	9.00	0.00098	10.00	-9.00	0.00151
10.00	-11.00	0.00159	10.00	-13.00	0.00167
10.00	-15.00	0.00176	10.00	-17.00	0.00184

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

17:36:35  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00194	10.00	-25.00	0.00207
10.00	-30.00	0.00212	10.00	-40.00	0.00208
10.00	-50.00	0.00195	10.00	-60.00	0.00177
10.00	-70.00	0.00158	10.00	-80.00	0.00141

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

10.00	-90.00	0.00125	10.00	-100.00	0.00112
20.00	100.00	0.00066	20.00	90.00	0.00069
20.00	80.00	0.00071	20.00	70.00	0.00073
20.00	60.00	0.00075	20.00	50.00	0.00077
20.00	40.00	0.00079	20.00	30.00	0.00084
20.00	25.00	0.00089	20.00	20.00	0.00094
20.00	17.00	0.00098	20.00	15.00	0.00101
20.00	13.00	0.00105	20.00	11.00	0.00109
20.00	9.00	0.00114	20.00	-9.00	0.00194
20.00	-11.00	0.00207	20.00	-13.00	0.00219
20.00	-15.00	0.00230	20.00	-17.00	0.00239
20.00	-20.00	0.00249	20.00	-25.00	0.00256
20.00	-30.00	0.00256	20.00	-40.00	0.00243
20.00	-50.00	0.00222	20.00	-60.00	0.00197
20.00	-70.00	0.00174	20.00	-80.00	0.00152
20.00	-90.00	0.00134	20.00	-100.00	0.00118
30.00	100.00	0.00087	30.00	90.00	0.00093
30.00	80.00	0.00099	30.00	70.00	0.00104
30.00	60.00	0.00109	30.00	50.00	0.00111
30.00	40.00	0.00112	30.00	30.00	0.00111
30.00	25.00	0.00111	30.00	20.00	0.00114
30.00	17.00	0.00117	30.00	15.00	0.00121
30.00	13.00	0.00124	30.00	11.00	0.00129
30.00	9.00	0.00135	30.00	-9.00	0.00263
30.00	-11.00	0.00279	30.00	-13.00	0.00291
30.00	-15.00	0.00300	30.00	-17.00	0.00306
30.00	-20.00	0.00311	30.00	-25.00	0.00311
30.00	-30.00	0.00305	30.00	-40.00	0.00281
30.00	-50.00	0.00249	30.00	-60.00	0.00217
30.00	-70.00	0.00188	30.00	-80.00	0.00163
30.00	-90.00	0.00142	30.00	-100.00	0.00124
40.00	100.00	0.00112	40.00	90.00	0.00122
40.00	80.00	0.00133	40.00	70.00	0.00146
40.00	60.00	0.00160	40.00	50.00	0.00175
40.00	40.00	0.00187	40.00	30.00	0.00193
40.00	25.00	0.00192	40.00	20.00	0.00187

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

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

17:36:35

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00181	40.00	15.00	0.00178
40.00	13.00	0.00175	40.00	11.00	0.00174
40.00	9.00	0.00176	40.00	-9.00	0.00369
40.00	-11.00	0.00377	40.00	-13.00	0.00382
40.00	-15.00	0.00384	40.00	-17.00	0.00384
40.00	-20.00	0.00382	40.00	-25.00	0.00371
40.00	-30.00	0.00356	40.00	-40.00	0.00316
40.00	-50.00	0.00273	40.00	-60.00	0.00233
40.00	-70.00	0.00199	40.00	-80.00	0.00171
40.00	-90.00	0.00147	40.00	-100.00	0.00128
50.00	100.00	0.00135	50.00	90.00	0.00151
50.00	80.00	0.00169	50.00	70.00	0.00190
50.00	60.00	0.00216	50.00	50.00	0.00247
50.00	40.00	0.00283	50.00	30.00	0.00323
50.00	25.00	0.00345	50.00	20.00	0.00366
50.00	17.00	0.00379	50.00	15.00	0.00388
50.00	13.00	0.00397	50.00	11.00	0.00408
50.00	9.00	0.00422	50.00	-9.00	0.00473
50.00	-11.00	0.00466	50.00	-13.00	0.00460
50.00	-15.00	0.00455	50.00	-17.00	0.00449
50.00	-20.00	0.00438	50.00	-25.00	0.00417
50.00	-30.00	0.00393	50.00	-40.00	0.00340
50.00	-50.00	0.00288	50.00	-60.00	0.00243
50.00	-70.00	0.00205	50.00	-80.00	0.00175
50.00	-90.00	0.00150	50.00	-100.00	0.00130
60.00	100.00	0.00156	60.00	90.00	0.00176
60.00	80.00	0.00199	60.00	70.00	0.00227
60.00	60.00	0.00262	60.00	50.00	0.00304
60.00	40.00	0.00354	60.00	30.00	0.00412
60.00	25.00	0.00442	60.00	20.00	0.00470
60.00	17.00	0.00484	60.00	15.00	0.00492
60.00	13.00	0.00498	60.00	11.00	0.00504
60.00	9.00	0.00510	60.00	-9.00	0.00488
60.00	-11.00	0.00481	60.00	-13.00	0.00475
60.00	-15.00	0.00469	60.00	-17.00	0.00462
60.00	-20.00	0.00451	60.00	-25.00	0.00428
60.00	-30.00	0.00402	60.00	-40.00	0.00345
60.00	-50.00	0.00290	60.00	-60.00	0.00244
60.00	-70.00	0.00206	60.00	-80.00	0.00175
60.00	-90.00	0.00149	60.00	-100.00	0.00129

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:36:35  
 \*\*MODELOPTS:  
 PAGE 55  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00173	70.00	90.00	0.00196
70.00	80.00	0.00223	70.00	70.00	0.00256
70.00	60.00	0.00296	70.00	50.00	0.00343
70.00	40.00	0.00399	70.00	30.00	0.00460
70.00	25.00	0.00490	70.00	20.00	0.00516
70.00	17.00	0.00527	70.00	15.00	0.00531
70.00	13.00	0.00534	70.00	11.00	0.00536
70.00	9.00	0.00538	70.00	-9.00	0.00488
70.00	-11.00	0.00480	70.00	-13.00	0.00473
70.00	-15.00	0.00466	70.00	-17.00	0.00459
70.00	-20.00	0.00446	70.00	-25.00	0.00421
70.00	-30.00	0.00393	70.00	-40.00	0.00334
70.00	-50.00	0.00280	70.00	-60.00	0.00236
70.00	-70.00	0.00199	70.00	-80.00	0.00169
70.00	-90.00	0.00144	70.00	-100.00	0.00124
80.00	100.00	0.00185	80.00	90.00	0.00211
80.00	80.00	0.00241	80.00	70.00	0.00276
80.00	60.00	0.00318	80.00	50.00	0.00368
80.00	40.00	0.00425	80.00	30.00	0.00486
80.00	25.00	0.00513	80.00	20.00	0.00535
80.00	17.00	0.00543	80.00	15.00	0.00546
80.00	13.00	0.00548	80.00	11.00	0.00547
80.00	9.00	0.00547	80.00	-9.00	0.00479
80.00	-11.00	0.00470	80.00	-13.00	0.00462
80.00	-15.00	0.00453	80.00	-17.00	0.00445
80.00	-20.00	0.00430	80.00	-25.00	0.00403
80.00	-30.00	0.00373	80.00	-40.00	0.00313
80.00	-50.00	0.00263	80.00	-60.00	0.00221
80.00	-70.00	0.00187	80.00	-80.00	0.00159
80.00	-90.00	0.00136	80.00	-100.00	0.00117
90.00	100.00	0.00192	90.00	90.00	0.00219
90.00	80.00	0.00251	90.00	70.00	0.00288
90.00	60.00	0.00331	90.00	50.00	0.00382
90.00	40.00	0.00439	90.00	30.00	0.00496
90.00	25.00	0.00522	90.00	20.00	0.00541
90.00	17.00	0.00548	90.00	15.00	0.00550



10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00	13.00	0.00550	90.00	11.00	0.00549
90.00	9.00	0.00547	90.00	-9.00	0.00462
90.00	-11.00	0.00450	90.00	-13.00	0.00440
90.00	-15.00	0.00430	90.00	-17.00	0.00419

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

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00402	90.00	-25.00	0.00372
90.00	-30.00	0.00342	90.00	-40.00	0.00287
90.00	-50.00	0.00240	90.00	-60.00	0.00202
90.00	-70.00	0.00171	90.00	-80.00	0.00145
90.00	-90.00	0.00124	90.00	-100.00	0.00107
100.00	100.00	0.00192	100.00	90.00	0.00220
100.00	80.00	0.00252	100.00	70.00	0.00291
100.00	60.00	0.00336	100.00	50.00	0.00387
100.00	40.00	0.00443	100.00	30.00	0.00498
100.00	25.00	0.00521	100.00	20.00	0.00539
100.00	17.00	0.00546	100.00	15.00	0.00547
100.00	13.00	0.00546	100.00	11.00	0.00544
100.00	9.00	0.00541	100.00	-9.00	0.00434
100.00	-11.00	0.00419	100.00	-13.00	0.00405
100.00	-15.00	0.00392	100.00	-17.00	0.00379
100.00	-20.00	0.00360	100.00	-25.00	0.00329
100.00	-30.00	0.00301	100.00	-40.00	0.00254
100.00	-50.00	0.00213	100.00	-60.00	0.00179
100.00	-70.00	0.00151	100.00	-80.00	0.00128
100.00	-90.00	0.00110	100.00	-100.00	0.00095
110.00	100.00	0.00184	110.00	90.00	0.00211
110.00	80.00	0.00244	110.00	70.00	0.00282
110.00	60.00	0.00328	110.00	50.00	0.00380
110.00	40.00	0.00437	110.00	30.00	0.00491
110.00	25.00	0.00514	110.00	20.00	0.00531
110.00	17.00	0.00536	110.00	15.00	0.00537
110.00	13.00	0.00535	110.00	11.00	0.00532
110.00	9.00	0.00528	110.00	-9.00	0.00390
110.00	-11.00	0.00370	110.00	-13.00	0.00352
110.00	-15.00	0.00337	110.00	-17.00	0.00322

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	-20.00	0.00303	110.00	-25.00	0.00276
110.00	-30.00	0.00254	110.00	-40.00	0.00214
110.00	-50.00	0.00180	110.00	-60.00	0.00152
110.00	-70.00	0.00129	110.00	-80.00	0.00110
110.00	-90.00	0.00095	110.00	-100.00	0.00083
120.00	100.00	0.00170	120.00	90.00	0.00194
120.00	80.00	0.00223	120.00	70.00	0.00258
120.00	60.00	0.00301	120.00	50.00	0.00351
120.00	40.00	0.00408	120.00	30.00	0.00468
120.00	25.00	0.00495	120.00	20.00	0.00514

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00519	120.00	15.00	0.00519
120.00	13.00	0.00517	120.00	11.00	0.00513
120.00	9.00	0.00508	120.00	-9.00	0.00319
120.00	-11.00	0.00295	120.00	-13.00	0.00277
120.00	-15.00	0.00262	120.00	-17.00	0.00250
120.00	-20.00	0.00236	120.00	-25.00	0.00216
120.00	-30.00	0.00198	120.00	-40.00	0.00169
120.00	-50.00	0.00144	120.00	-60.00	0.00123
120.00	-70.00	0.00106	120.00	-80.00	0.00092
120.00	-90.00	0.00080	120.00	-100.00	0.00070
130.00	100.00	0.00150	130.00	90.00	0.00170
130.00	80.00	0.00193	130.00	70.00	0.00220
130.00	60.00	0.00253	130.00	50.00	0.00291
130.00	40.00	0.00335	130.00	30.00	0.00387
130.00	25.00	0.00415	130.00	20.00	0.00441
130.00	17.00	0.00454	130.00	15.00	0.00461
130.00	13.00	0.00466	130.00	11.00	0.00468
130.00	9.00	0.00467	130.00	-9.00	0.00207
130.00	-11.00	0.00191	130.00	-13.00	0.00180
130.00	-15.00	0.00171	130.00	-17.00	0.00165
130.00	-20.00	0.00157	130.00	-25.00	0.00147
130.00	-30.00	0.00138	130.00	-40.00	0.00122
130.00	-50.00	0.00108	130.00	-60.00	0.00095
130.00	-70.00	0.00084	130.00	-80.00	0.00074

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

130.00	-90.00	0.00066	130.00	-100.00	0.00059
140.00	100.00	0.00129	140.00	90.00	0.00144
140.00	80.00	0.00160	140.00	70.00	0.00179
140.00	60.00	0.00198	140.00	50.00	0.00219
140.00	40.00	0.00240	140.00	30.00	0.00256
140.00	25.00	0.00261	140.00	20.00	0.00259
140.00	17.00	0.00255	140.00	15.00	0.00249
140.00	13.00	0.00241	140.00	11.00	0.00230
140.00	9.00	0.00217	140.00	-9.00	0.00096
140.00	-11.00	0.00094	140.00	-13.00	0.00093
140.00	-15.00	0.00092	140.00	-17.00	0.00091
140.00	-20.00	0.00090	140.00	-25.00	0.00089
140.00	-30.00	0.00088	140.00	-40.00	0.00083
140.00	-50.00	0.00077	140.00	-60.00	0.00071
140.00	-70.00	0.00065	140.00	-80.00	0.00059
140.00	-90.00	0.00053	140.00	-100.00	0.00048

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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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
150.00	100.00	0.00110	150.00	90.00	0.00120
150.00	80.00	0.00131	150.00	70.00	0.00142
150.00	60.00	0.00152	150.00	50.00	0.00161
150.00	40.00	0.00166	150.00	30.00	0.00165
150.00	25.00	0.00160	150.00	20.00	0.00152
150.00	17.00	0.00145	150.00	15.00	0.00140
150.00	13.00	0.00134	150.00	11.00	0.00128
150.00	9.00	0.00122	150.00	-9.00	0.00070
150.00	-11.00	0.00068	150.00	-13.00	0.00066
150.00	-15.00	0.00065	150.00	-17.00	0.00065
150.00	-20.00	0.00064	150.00	-25.00	0.00063
150.00	-30.00	0.00061	150.00	-40.00	0.00059
150.00	-50.00	0.00056	150.00	-60.00	0.00053
150.00	-70.00	0.00050	150.00	-80.00	0.00046
150.00	-90.00	0.00043	150.00	-100.00	0.00039
160.00	100.00	0.00093	160.00	90.00	0.00099
160.00	80.00	0.00106	160.00	70.00	0.00111
160.00	60.00	0.00116	160.00	50.00	0.00119

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	40.00	0.00118	160.00	30.00	0.00112
160.00	25.00	0.00107	160.00	20.00	0.00100
160.00	17.00	0.00097	160.00	15.00	0.00094
160.00	13.00	0.00092	160.00	11.00	0.00089
160.00	9.00	0.00086	160.00	-9.00	0.00055
160.00	-11.00	0.00053	160.00	-13.00	0.00052
160.00	-15.00	0.00051	160.00	-17.00	0.00050
160.00	-20.00	0.00049	160.00	-25.00	0.00048
160.00	-30.00	0.00048	160.00	-40.00	0.00046
160.00	-50.00	0.00044	160.00	-60.00	0.00041
160.00	-70.00	0.00039	160.00	-80.00	0.00037
160.00	-90.00	0.00035	160.00	-100.00	0.00032
170.00	100.00	0.00078	170.00	90.00	0.00082
170.00	80.00	0.00085	170.00	70.00	0.00088
170.00	60.00	0.00090	170.00	50.00	0.00090
170.00	40.00	0.00087	170.00	30.00	0.00080
170.00	25.00	0.00077	170.00	20.00	0.00073
170.00	17.00	0.00071	170.00	15.00	0.00070
170.00	13.00	0.00069	170.00	11.00	0.00067
170.00	9.00	0.00066	170.00	-9.00	0.00045
170.00	-11.00	0.00044	170.00	-13.00	0.00042
170.00	-15.00	0.00041	170.00	-17.00	0.00040

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

URBAN FLAT FLGPOL DFAULT

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

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00039	170.00	-25.00	0.00038
170.00	-30.00	0.00038	170.00	-40.00	0.00037
170.00	-50.00	0.00036	170.00	-60.00	0.00034
170.00	-70.00	0.00032	170.00	-80.00	0.00030
170.00	-90.00	0.00029	170.00	-100.00	0.00027
180.00	100.00	0.00065	180.00	90.00	0.00068
180.00	80.00	0.00069	180.00	70.00	0.00070
180.00	60.00	0.00070	180.00	50.00	0.00069
180.00	40.00	0.00065	180.00	30.00	0.00061
180.00	25.00	0.00059	180.00	20.00	0.00057
180.00	17.00	0.00056	180.00	15.00	0.00055
180.00	13.00	0.00054	180.00	11.00	0.00053

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	9.00	0.00052	180.00	-9.00	0.00038
180.00	-11.00	0.00036	180.00	-13.00	0.00035
180.00	-15.00	0.00034	180.00	-17.00	0.00033
180.00	-20.00	0.00032	180.00	-25.00	0.00031
180.00	-30.00	0.00031	180.00	-40.00	0.00030
180.00	-50.00	0.00030	180.00	-60.00	0.00029
180.00	-70.00	0.00027	180.00	-80.00	0.00026
180.00	-90.00	0.00024	180.00	-100.00	0.00023
190.00	100.00	0.00055	190.00	90.00	0.00056
190.00	80.00	0.00057	190.00	70.00	0.00057
190.00	60.00	0.00056	190.00	50.00	0.00053
190.00	40.00	0.00051	190.00	30.00	0.00048
190.00	25.00	0.00047	190.00	20.00	0.00046
190.00	17.00	0.00045	190.00	15.00	0.00044
190.00	13.00	0.00044	190.00	11.00	0.00043
190.00	9.00	0.00042	190.00	-9.00	0.00032
190.00	-11.00	0.00031	190.00	-13.00	0.00030
190.00	-15.00	0.00029	190.00	-17.00	0.00028
190.00	-20.00	0.00027	190.00	-25.00	0.00026
190.00	-30.00	0.00026	190.00	-40.00	0.00025
190.00	-50.00	0.00025	190.00	-60.00	0.00024
190.00	-70.00	0.00023	190.00	-80.00	0.00022
190.00	-90.00	0.00021	190.00	-100.00	0.00020
200.00	100.00	0.00047	200.00	90.00	0.00047
200.00	80.00	0.00047	200.00	70.00	0.00046
200.00	60.00	0.00045	200.00	50.00	0.00043
200.00	40.00	0.00041	200.00	30.00	0.00039
200.00	25.00	0.00038	200.00	20.00	0.00038

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

URBAN FLAT FLGPOL DFAULT

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

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00037	200.00	15.00	0.00037
200.00	13.00	0.00036	200.00	11.00	0.00036
200.00	9.00	0.00035	200.00	-9.00	0.00027
200.00	-11.00	0.00026	200.00	-13.00	0.00026
200.00	-15.00	0.00025	200.00	-17.00	0.00024
200.00	-20.00	0.00023	200.00	-25.00	0.00022

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-30.00	0.00022	200.00	-40.00	0.00021
200.00	-50.00	0.00021	200.00	-60.00	0.00020
200.00	-70.00	0.00020	200.00	-80.00	0.00019
200.00	-90.00	0.00019	200.00	-100.00	0.00018
210.00	100.00	0.00040	210.00	90.00	0.00040
210.00	80.00	0.00039	210.00	70.00	0.00038
210.00	60.00	0.00036	210.00	50.00	0.00035
210.00	40.00	0.00034	210.00	30.00	0.00033
210.00	25.00	0.00032	210.00	20.00	0.00032
210.00	17.00	0.00031	210.00	15.00	0.00031
210.00	13.00	0.00031	210.00	11.00	0.00030
210.00	9.00	0.00030	210.00	-9.00	0.00024
210.00	-11.00	0.00023	210.00	-13.00	0.00022
210.00	-15.00	0.00021	210.00	-17.00	0.00021
210.00	-20.00	0.00020	210.00	-25.00	0.00019
210.00	-30.00	0.00019	210.00	-40.00	0.00018
210.00	-50.00	0.00018	210.00	-60.00	0.00017
210.00	-70.00	0.00017	210.00	-80.00	0.00017
210.00	-90.00	0.00016	210.00	-100.00	0.00016
220.00	100.00	0.00034	220.00	90.00	0.00033
220.00	80.00	0.00033	220.00	70.00	0.00031
220.00	60.00	0.00030	220.00	50.00	0.00029
220.00	40.00	0.00029	220.00	30.00	0.00028
220.00	25.00	0.00027	220.00	20.00	0.00027
220.00	17.00	0.00027	220.00	15.00	0.00026
220.00	13.00	0.00026	220.00	11.00	0.00026
220.00	9.00	0.00025	220.00	-9.00	0.00021
220.00	-11.00	0.00020	220.00	-13.00	0.00019
220.00	-15.00	0.00019	220.00	-17.00	0.00018
220.00	-20.00	0.00018	220.00	-25.00	0.00017
220.00	-30.00	0.00016	220.00	-40.00	0.00016
220.00	-50.00	0.00015	220.00	-60.00	0.00015
220.00	-70.00	0.00015	220.00	-80.00	0.00015
220.00	-90.00	0.00014	220.00	-100.00	0.00014

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

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

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

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

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

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

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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-250.00	100.00	0.00009	-250.00	90.00	0.00010	
-250.00	80.00	0.00010	-250.00	70.00	0.00010	
-250.00	60.00	0.00011	-250.00	50.00	0.00012	
-250.00	40.00	0.00013	-250.00	30.00	0.00014	
-250.00	25.00	0.00014	-250.00	20.00	0.00015	
-250.00	17.00	0.00015	-250.00	15.00	0.00015	
-250.00	13.00	0.00015	-250.00	11.00	0.00015	
-250.00	9.00	0.00016	-250.00	-9.00	0.00017	
-250.00	-11.00	0.00017	-250.00	-13.00	0.00017	
-250.00	-15.00	0.00018	-250.00	-17.00	0.00018	
-250.00	-20.00	0.00018	-250.00	-25.00	0.00019	
-250.00	-30.00	0.00019	-250.00	-40.00	0.00021	
-250.00	-50.00	0.00022	-250.00	-60.00	0.00023	
-250.00	-70.00	0.00024	-250.00	-80.00	0.00026	
-250.00	-90.00	0.00027	-250.00	-100.00	0.00028	
-240.00	100.00	0.00010	-240.00	90.00	0.00010	
-240.00	80.00	0.00011	-240.00	70.00	0.00011	
-240.00	60.00	0.00012	-240.00	50.00	0.00012	
-240.00	40.00	0.00013	-240.00	30.00	0.00015	
-240.00	25.00	0.00015	-240.00	20.00	0.00016	
-240.00	17.00	0.00016	-240.00	15.00	0.00016	
-240.00	13.00	0.00016	-240.00	11.00	0.00017	
-240.00	9.00	0.00017	-240.00	-9.00	0.00018	







10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	80.00	0.00015	-190.00	70.00	0.00016
-190.00	60.00	0.00017	-190.00	50.00	0.00018
-190.00	40.00	0.00019	-190.00	30.00	0.00021
-190.00	25.00	0.00022	-190.00	20.00	0.00023
-190.00	17.00	0.00024	-190.00	15.00	0.00024
-190.00	13.00	0.00025	-190.00	11.00	0.00025
-190.00	9.00	0.00025	-190.00	-9.00	0.00029
-190.00	-11.00	0.00029	-190.00	-13.00	0.00030
-190.00	-15.00	0.00030	-190.00	-17.00	0.00031
-190.00	-20.00	0.00032	-190.00	-25.00	0.00033
-190.00	-30.00	0.00034	-190.00	-40.00	0.00037
-190.00	-50.00	0.00040	-190.00	-60.00	0.00043
-190.00	-70.00	0.00045	-190.00	-80.00	0.00047
-190.00	-90.00	0.00048	-190.00	-100.00	0.00048
-180.00	100.00	0.00015	-180.00	90.00	0.00016
-180.00	80.00	0.00016	-180.00	70.00	0.00017
-180.00	60.00	0.00018	-180.00	50.00	0.00019
-180.00	40.00	0.00021	-180.00	30.00	0.00023
-180.00	25.00	0.00024	-180.00	20.00	0.00025
-180.00	17.00	0.00026	-180.00	15.00	0.00026
-180.00	13.00	0.00027	-180.00	11.00	0.00027
-180.00	9.00	0.00028	-180.00	-9.00	0.00032
-180.00	-11.00	0.00033	-180.00	-13.00	0.00033
-180.00	-15.00	0.00034	-180.00	-17.00	0.00034
-180.00	-20.00	0.00035	-180.00	-25.00	0.00037
-180.00	-30.00	0.00038	-180.00	-40.00	0.00042
-180.00	-50.00	0.00045	-180.00	-60.00	0.00048
-180.00	-70.00	0.00051	-180.00	-80.00	0.00052
-180.00	-90.00	0.00053	-180.00	-100.00	0.00052

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

\*\*\*

INCLUDING SOURCE(S):            NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00016	-170.00	90.00	0.00017
-170.00	80.00	0.00018	-170.00	70.00	0.00019
-170.00	60.00	0.00020	-170.00	50.00	0.00021
-170.00	40.00	0.00023	-170.00	30.00	0.00025
-170.00	25.00	0.00026	-170.00	20.00	0.00028

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	17.00	0.00029	-170.00	15.00	0.00029
-170.00	13.00	0.00030	-170.00	11.00	0.00030
-170.00	9.00	0.00031	-170.00	-9.00	0.00036
-170.00	-11.00	0.00036	-170.00	-13.00	0.00037
-170.00	-15.00	0.00038	-170.00	-17.00	0.00038
-170.00	-20.00	0.00040	-170.00	-25.00	0.00041
-170.00	-30.00	0.00043	-170.00	-40.00	0.00047
-170.00	-50.00	0.00051	-170.00	-60.00	0.00055
-170.00	-70.00	0.00058	-170.00	-80.00	0.00059
-170.00	-90.00	0.00058	-170.00	-100.00	0.00056
-160.00	100.00	0.00018	-160.00	90.00	0.00018
-160.00	80.00	0.00019	-160.00	70.00	0.00020
-160.00	60.00	0.00022	-160.00	50.00	0.00023
-160.00	40.00	0.00025	-160.00	30.00	0.00027
-160.00	25.00	0.00029	-160.00	20.00	0.00030
-160.00	17.00	0.00031	-160.00	15.00	0.00032
-160.00	13.00	0.00033	-160.00	11.00	0.00034
-160.00	9.00	0.00034	-160.00	-9.00	0.00040
-160.00	-11.00	0.00041	-160.00	-13.00	0.00042
-160.00	-15.00	0.00043	-160.00	-17.00	0.00043
-160.00	-20.00	0.00045	-160.00	-25.00	0.00047
-160.00	-30.00	0.00050	-160.00	-40.00	0.00054
-160.00	-50.00	0.00059	-160.00	-60.00	0.00063
-160.00	-70.00	0.00065	-160.00	-80.00	0.00065
-160.00	-90.00	0.00064	-160.00	-100.00	0.00061
-150.00	100.00	0.00019	-150.00	90.00	0.00020
-150.00	80.00	0.00021	-150.00	70.00	0.00022
-150.00	60.00	0.00024	-150.00	50.00	0.00025
-150.00	40.00	0.00027	-150.00	30.00	0.00030
-150.00	25.00	0.00032	-150.00	20.00	0.00034
-150.00	17.00	0.00035	-150.00	15.00	0.00036
-150.00	13.00	0.00037	-150.00	11.00	0.00037
-150.00	9.00	0.00038	-150.00	-9.00	0.00045
-150.00	-11.00	0.00046	-150.00	-13.00	0.00047
-150.00	-15.00	0.00049	-150.00	-17.00	0.00050

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 17:36:35  
 \*\*MODELOPTS:  
 PAGE 67  
 CONC      URBAN FLAT      FLGPOL      DFAULT

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

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00051	-150.00	-25.00	0.00054
-150.00	-30.00	0.00057	-150.00	-40.00	0.00063
-150.00	-50.00	0.00068	-150.00	-60.00	0.00072
-150.00	-70.00	0.00074	-150.00	-80.00	0.00073
-150.00	-90.00	0.00070	-150.00	-100.00	0.00066
-140.00	100.00	0.00021	-140.00	90.00	0.00022
-140.00	80.00	0.00023	-140.00	70.00	0.00025
-140.00	60.00	0.00026	-140.00	50.00	0.00028
-140.00	40.00	0.00030	-140.00	30.00	0.00033
-140.00	25.00	0.00035	-140.00	20.00	0.00037
-140.00	17.00	0.00039	-140.00	15.00	0.00040
-140.00	13.00	0.00041	-140.00	11.00	0.00042
-140.00	9.00	0.00043	-140.00	-9.00	0.00052
-140.00	-11.00	0.00053	-140.00	-13.00	0.00054
-140.00	-15.00	0.00056	-140.00	-17.00	0.00057
-140.00	-20.00	0.00059	-140.00	-25.00	0.00063
-140.00	-30.00	0.00066	-140.00	-40.00	0.00073
-140.00	-50.00	0.00080	-140.00	-60.00	0.00083
-140.00	-70.00	0.00083	-140.00	-80.00	0.00080
-140.00	-90.00	0.00076	-140.00	-100.00	0.00072
-130.00	100.00	0.00023	-130.00	90.00	0.00024
-130.00	80.00	0.00026	-130.00	70.00	0.00027
-130.00	60.00	0.00029	-130.00	50.00	0.00031
-130.00	40.00	0.00033	-130.00	30.00	0.00037
-130.00	25.00	0.00039	-130.00	20.00	0.00042
-130.00	17.00	0.00044	-130.00	15.00	0.00045
-130.00	13.00	0.00046	-130.00	11.00	0.00047
-130.00	9.00	0.00049	-130.00	-9.00	0.00060
-130.00	-11.00	0.00062	-130.00	-13.00	0.00063
-130.00	-15.00	0.00065	-130.00	-17.00	0.00067
-130.00	-20.00	0.00069	-130.00	-25.00	0.00074
-130.00	-30.00	0.00078	-130.00	-40.00	0.00087
-130.00	-50.00	0.00093	-130.00	-60.00	0.00095
-130.00	-70.00	0.00093	-130.00	-80.00	0.00089
-130.00	-90.00	0.00083	-130.00	-100.00	0.00077
-120.00	100.00	0.00025	-120.00	90.00	0.00027
-120.00	80.00	0.00028	-120.00	70.00	0.00030
-120.00	60.00	0.00033	-120.00	50.00	0.00035
-120.00	40.00	0.00038	-120.00	30.00	0.00041
-120.00	25.00	0.00044	-120.00	20.00	0.00047

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:36:35

\*\*MODELOPTS:

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00049	-120.00	15.00	0.00051
-120.00	13.00	0.00052	-120.00	11.00	0.00054
-120.00	9.00	0.00055	-120.00	-9.00	0.00070
-120.00	-11.00	0.00072	-120.00	-13.00	0.00074
-120.00	-15.00	0.00076	-120.00	-17.00	0.00079
-120.00	-20.00	0.00082	-120.00	-25.00	0.00088
-120.00	-30.00	0.00094	-120.00	-40.00	0.00104
-120.00	-50.00	0.00109	-120.00	-60.00	0.00109
-120.00	-70.00	0.00104	-120.00	-80.00	0.00098
-120.00	-90.00	0.00091	-120.00	-100.00	0.00083
-110.00	100.00	0.00028	-110.00	90.00	0.00030
-110.00	80.00	0.00032	-110.00	70.00	0.00034
-110.00	60.00	0.00037	-110.00	50.00	0.00039
-110.00	40.00	0.00043	-110.00	30.00	0.00047
-110.00	25.00	0.00049	-110.00	20.00	0.00053
-110.00	17.00	0.00055	-110.00	15.00	0.00057
-110.00	13.00	0.00059	-110.00	11.00	0.00061
-110.00	9.00	0.00063	-110.00	-9.00	0.00083
-110.00	-11.00	0.00085	-110.00	-13.00	0.00088
-110.00	-15.00	0.00091	-110.00	-17.00	0.00094
-110.00	-20.00	0.00099	-110.00	-25.00	0.00106
-110.00	-30.00	0.00114	-110.00	-40.00	0.00124
-110.00	-50.00	0.00127	-110.00	-60.00	0.00124
-110.00	-70.00	0.00116	-110.00	-80.00	0.00107
-110.00	-90.00	0.00099	-110.00	-100.00	0.00090
-100.00	100.00	0.00033	-100.00	90.00	0.00034
-100.00	80.00	0.00036	-100.00	70.00	0.00038
-100.00	60.00	0.00041	-100.00	50.00	0.00045
-100.00	40.00	0.00049	-100.00	30.00	0.00053
-100.00	25.00	0.00056	-100.00	20.00	0.00060
-100.00	17.00	0.00063	-100.00	15.00	0.00065
-100.00	13.00	0.00068	-100.00	11.00	0.00070
-100.00	9.00	0.00073	-100.00	-9.00	0.00099
-100.00	-11.00	0.00103	-100.00	-13.00	0.00107
-100.00	-15.00	0.00111	-100.00	-17.00	0.00115
-100.00	-20.00	0.00121	-100.00	-25.00	0.00131
-100.00	-30.00	0.00140	-100.00	-40.00	0.00149

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	-50.00	0.00148	-100.00	-60.00	0.00140
-100.00	-70.00	0.00129	-100.00	-80.00	0.00118
-100.00	-90.00	0.00107	-100.00	-100.00	0.00097

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

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

17:36:35

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00040	-90.00	90.00	0.00041
-90.00	80.00	0.00043	-90.00	70.00	0.00045
-90.00	60.00	0.00048	-90.00	50.00	0.00051
-90.00	40.00	0.00056	-90.00	30.00	0.00061
-90.00	25.00	0.00065	-90.00	20.00	0.00069
-90.00	17.00	0.00072	-90.00	15.00	0.00075
-90.00	13.00	0.00078	-90.00	11.00	0.00081
-90.00	9.00	0.00085	-90.00	-9.00	0.00121
-90.00	-11.00	0.00126	-90.00	-13.00	0.00132
-90.00	-15.00	0.00138	-90.00	-17.00	0.00143
-90.00	-20.00	0.00152	-90.00	-25.00	0.00165
-90.00	-30.00	0.00173	-90.00	-40.00	0.00177
-90.00	-50.00	0.00170	-90.00	-60.00	0.00157
-90.00	-70.00	0.00143	-90.00	-80.00	0.00129
-90.00	-90.00	0.00116	-90.00	-100.00	0.00104
-80.00	100.00	0.00051	-80.00	90.00	0.00052
-80.00	80.00	0.00053	-80.00	70.00	0.00055
-80.00	60.00	0.00057	-80.00	50.00	0.00060
-80.00	40.00	0.00065	-80.00	30.00	0.00071
-80.00	25.00	0.00075	-80.00	20.00	0.00080
-80.00	17.00	0.00084	-80.00	15.00	0.00087
-80.00	13.00	0.00090	-80.00	11.00	0.00094
-80.00	9.00	0.00098	-80.00	-9.00	0.00151
-80.00	-11.00	0.00159	-80.00	-13.00	0.00167
-80.00	-15.00	0.00176	-80.00	-17.00	0.00184
-80.00	-20.00	0.00194	-80.00	-25.00	0.00207
-80.00	-30.00	0.00212	-80.00	-40.00	0.00208
-80.00	-50.00	0.00195	-80.00	-60.00	0.00177
-80.00	-70.00	0.00158	-80.00	-80.00	0.00141
-80.00	-90.00	0.00125	-80.00	-100.00	0.00112
-70.00	100.00	0.00066	-70.00	90.00	0.00069

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	80.00	0.00071	-70.00	70.00	0.00073
-70.00	60.00	0.00075	-70.00	50.00	0.00077
-70.00	40.00	0.00079	-70.00	30.00	0.00084
-70.00	25.00	0.00089	-70.00	20.00	0.00094
-70.00	17.00	0.00098	-70.00	15.00	0.00101
-70.00	13.00	0.00105	-70.00	11.00	0.00109
-70.00	9.00	0.00114	-70.00	-9.00	0.00194
-70.00	-11.00	0.00207	-70.00	-13.00	0.00219
-70.00	-15.00	0.00230	-70.00	-17.00	0.00239

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

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

17:36:35

\*\*MODELOPTs:

PAGE 70

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00249	-70.00	-25.00	0.00256
-70.00	-30.00	0.00256	-70.00	-40.00	0.00243
-70.00	-50.00	0.00222	-70.00	-60.00	0.00197
-70.00	-70.00	0.00174	-70.00	-80.00	0.00152
-70.00	-90.00	0.00134	-70.00	-100.00	0.00118
-60.00	100.00	0.00087	-60.00	90.00	0.00093
-60.00	80.00	0.00099	-60.00	70.00	0.00104
-60.00	60.00	0.00109	-60.00	50.00	0.00111
-60.00	40.00	0.00112	-60.00	30.00	0.00111
-60.00	25.00	0.00111	-60.00	20.00	0.00114
-60.00	17.00	0.00117	-60.00	15.00	0.00121
-60.00	13.00	0.00124	-60.00	11.00	0.00129
-60.00	9.00	0.00135	-60.00	-9.00	0.00263
-60.00	-11.00	0.00279	-60.00	-13.00	0.00291
-60.00	-15.00	0.00300	-60.00	-17.00	0.00306
-60.00	-20.00	0.00311	-60.00	-25.00	0.00311
-60.00	-30.00	0.00305	-60.00	-40.00	0.00281
-60.00	-50.00	0.00249	-60.00	-60.00	0.00217
-60.00	-70.00	0.00188	-60.00	-80.00	0.00163
-60.00	-90.00	0.00142	-60.00	-100.00	0.00124
-50.00	100.00	0.00112	-50.00	90.00	0.00122
-50.00	80.00	0.00133	-50.00	70.00	0.00146
-50.00	60.00	0.00160	-50.00	50.00	0.00175
-50.00	40.00	0.00187	-50.00	30.00	0.00193
-50.00	25.00	0.00192	-50.00	20.00	0.00187



10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	17.00	0.00181	-50.00	15.00	0.00178
-50.00	13.00	0.00175	-50.00	11.00	0.00174
-50.00	9.00	0.00176	-50.00	-9.00	0.00369
-50.00	-11.00	0.00377	-50.00	-13.00	0.00382
-50.00	-15.00	0.00384	-50.00	-17.00	0.00384
-50.00	-20.00	0.00382	-50.00	-25.00	0.00371
-50.00	-30.00	0.00356	-50.00	-40.00	0.00316
-50.00	-50.00	0.00273	-50.00	-60.00	0.00233
-50.00	-70.00	0.00199	-50.00	-80.00	0.00171
-50.00	-90.00	0.00147	-50.00	-100.00	0.00128
-40.00	100.00	0.00135	-40.00	90.00	0.00151
-40.00	80.00	0.00169	-40.00	70.00	0.00190
-40.00	60.00	0.00216	-40.00	50.00	0.00247
-40.00	40.00	0.00283	-40.00	30.00	0.00323
-40.00	25.00	0.00345	-40.00	20.00	0.00366

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

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

17:36:35

\*\*MODELOPTs:

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	0.00379	-40.00	15.00	0.00388
-40.00	13.00	0.00397	-40.00	11.00	0.00408
-40.00	9.00	0.00422	-40.00	-9.00	0.00473
-40.00	-11.00	0.00466	-40.00	-13.00	0.00460
-40.00	-15.00	0.00455	-40.00	-17.00	0.00449
-40.00	-20.00	0.00438	-40.00	-25.00	0.00417
-40.00	-30.00	0.00393	-40.00	-40.00	0.00340
-40.00	-50.00	0.00288	-40.00	-60.00	0.00243
-40.00	-70.00	0.00205	-40.00	-80.00	0.00175
-40.00	-90.00	0.00150	-40.00	-100.00	0.00130
-30.00	100.00	0.00156	-30.00	90.00	0.00176
-30.00	80.00	0.00199	-30.00	70.00	0.00227
-30.00	60.00	0.00262	-30.00	50.00	0.00304
-30.00	40.00	0.00354	-30.00	30.00	0.00412
-30.00	25.00	0.00442	-30.00	20.00	0.00470
-30.00	17.00	0.00484	-30.00	15.00	0.00492
-30.00	13.00	0.00498	-30.00	11.00	0.00504
-30.00	9.00	0.00510	-30.00	-9.00	0.00488
-30.00	-11.00	0.00481	-30.00	-13.00	0.00475

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	-15.00	0.00469	-30.00	-17.00	0.00462
-30.00	-20.00	0.00451	-30.00	-25.00	0.00428
-30.00	-30.00	0.00402	-30.00	-40.00	0.00345
-30.00	-50.00	0.00290	-30.00	-60.00	0.00244
-30.00	-70.00	0.00206	-30.00	-80.00	0.00175
-30.00	-90.00	0.00149	-30.00	-100.00	0.00129
-20.00	100.00	0.00173	-20.00	90.00	0.00196
-20.00	80.00	0.00223	-20.00	70.00	0.00256
-20.00	60.00	0.00296	-20.00	50.00	0.00343
-20.00	40.00	0.00399	-20.00	30.00	0.00460
-20.00	25.00	0.00490	-20.00	20.00	0.00516
-20.00	17.00	0.00527	-20.00	15.00	0.00531
-20.00	13.00	0.00534	-20.00	11.00	0.00536
-20.00	9.00	0.00538	-20.00	-9.00	0.00488
-20.00	-11.00	0.00480	-20.00	-13.00	0.00473
-20.00	-15.00	0.00466	-20.00	-17.00	0.00459
-20.00	-20.00	0.00446	-20.00	-25.00	0.00421
-20.00	-30.00	0.00393	-20.00	-40.00	0.00334
-20.00	-50.00	0.00280	-20.00	-60.00	0.00236
-20.00	-70.00	0.00199	-20.00	-80.00	0.00169
-20.00	-90.00	0.00144	-20.00	-100.00	0.00124

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

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

17:36:35

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00185	-10.00	90.00	0.00211
-10.00	80.00	0.00241	-10.00	70.00	0.00276
-10.00	60.00	0.00318	-10.00	50.00	0.00368
-10.00	40.00	0.00425	-10.00	30.00	0.00486
-10.00	25.00	0.00513	-10.00	20.00	0.00535
-10.00	17.00	0.00543	-10.00	15.00	0.00546
-10.00	13.00	0.00548	-10.00	11.00	0.00547
-10.00	9.00	0.00547	-10.00	-9.00	0.00479
-10.00	-11.00	0.00470	-10.00	-13.00	0.00462
-10.00	-15.00	0.00453	-10.00	-17.00	0.00445
-10.00	-20.00	0.00430	-10.00	-25.00	0.00403
-10.00	-30.00	0.00373	-10.00	-40.00	0.00313
-10.00	-50.00	0.00263	-10.00	-60.00	0.00221

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-70.00	0.00187	-10.00	-80.00	0.00159
-10.00	-90.00	0.00136	-10.00	-100.00	0.00117
0.00	100.00	0.00192	0.00	90.00	0.00219
0.00	80.00	0.00251	0.00	70.00	0.00288
0.00	60.00	0.00331	0.00	50.00	0.00382
0.00	40.00	0.00439	0.00	30.00	0.00496
0.00	25.00	0.00522	0.00	20.00	0.00541
0.00	17.00	0.00548	0.00	15.00	0.00550
0.00	13.00	0.00550	0.00	11.00	0.00549
0.00	9.00	0.00547	0.00	-9.00	0.00462
0.00	-11.00	0.00450	0.00	-13.00	0.00440
0.00	-15.00	0.00430	0.00	-17.00	0.00419
0.00	-20.00	0.00402	0.00	-25.00	0.00372
0.00	-30.00	0.00342	0.00	-40.00	0.00287
0.00	-50.00	0.00240	0.00	-60.00	0.00202
0.00	-70.00	0.00171	0.00	-80.00	0.00145
0.00	-90.00	0.00124	0.00	-100.00	0.00107
10.00	100.00	0.00192	10.00	90.00	0.00220
10.00	80.00	0.00252	10.00	70.00	0.00291
10.00	60.00	0.00336	10.00	50.00	0.00387
10.00	40.00	0.00443	10.00	30.00	0.00498
10.00	25.00	0.00521	10.00	20.00	0.00539
10.00	17.00	0.00546	10.00	15.00	0.00547
10.00	13.00	0.00546	10.00	11.00	0.00544
10.00	9.00	0.00541	10.00	-9.00	0.00434
10.00	-11.00	0.00419	10.00	-13.00	0.00405
10.00	-15.00	0.00392	10.00	-17.00	0.00379

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

17:36:35  
 \*\*MODELOPTs:  
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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	0.00360	10.00	-25.00	0.00329
10.00	-30.00	0.00301	10.00	-40.00	0.00254
10.00	-50.00	0.00213	10.00	-60.00	0.00179
10.00	-70.00	0.00151	10.00	-80.00	0.00128
10.00	-90.00	0.00110	10.00	-100.00	0.00095
20.00	100.00	0.00184	20.00	90.00	0.00211
20.00	80.00	0.00244	20.00	70.00	0.00282

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	60.00	0.00328	20.00	50.00	0.00380
20.00	40.00	0.00437	20.00	30.00	0.00491
20.00	25.00	0.00514	20.00	20.00	0.00531
20.00	17.00	0.00536	20.00	15.00	0.00537
20.00	13.00	0.00535	20.00	11.00	0.00532
20.00	9.00	0.00528	20.00	-9.00	0.00390
20.00	-11.00	0.00370	20.00	-13.00	0.00352
20.00	-15.00	0.00337	20.00	-17.00	0.00322
20.00	-20.00	0.00303	20.00	-25.00	0.00276
20.00	-30.00	0.00254	20.00	-40.00	0.00214
20.00	-50.00	0.00180	20.00	-60.00	0.00152
20.00	-70.00	0.00129	20.00	-80.00	0.00110
20.00	-90.00	0.00095	20.00	-100.00	0.00083
30.00	100.00	0.00170	30.00	90.00	0.00194
30.00	80.00	0.00223	30.00	70.00	0.00258
30.00	60.00	0.00301	30.00	50.00	0.00351
30.00	40.00	0.00408	30.00	30.00	0.00468
30.00	25.00	0.00495	30.00	20.00	0.00514
30.00	17.00	0.00519	30.00	15.00	0.00519
30.00	13.00	0.00517	30.00	11.00	0.00513
30.00	9.00	0.00508	30.00	-9.00	0.00319
30.00	-11.00	0.00295	30.00	-13.00	0.00277
30.00	-15.00	0.00262	30.00	-17.00	0.00250
30.00	-20.00	0.00236	30.00	-25.00	0.00216
30.00	-30.00	0.00198	30.00	-40.00	0.00169
30.00	-50.00	0.00144	30.00	-60.00	0.00123
30.00	-70.00	0.00106	30.00	-80.00	0.00092
30.00	-90.00	0.00080	30.00	-100.00	0.00070
40.00	100.00	0.00150	40.00	90.00	0.00170
40.00	80.00	0.00193	40.00	70.00	0.00220
40.00	60.00	0.00253	40.00	50.00	0.00291
40.00	40.00	0.00335	40.00	30.00	0.00387
40.00	25.00	0.00415	40.00	20.00	0.00441

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

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 \*\*MODELOPTs:  
 PAGE 74  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00454	40.00	15.00	0.00461

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	13.00	0.00466	40.00	11.00	0.00468
40.00	9.00	0.00467	40.00	-9.00	0.00207
40.00	-11.00	0.00191	40.00	-13.00	0.00180
40.00	-15.00	0.00171	40.00	-17.00	0.00165
40.00	-20.00	0.00157	40.00	-25.00	0.00147
40.00	-30.00	0.00138	40.00	-40.00	0.00122
40.00	-50.00	0.00108	40.00	-60.00	0.00095
40.00	-70.00	0.00084	40.00	-80.00	0.00074
40.00	-90.00	0.00066	40.00	-100.00	0.00059
50.00	100.00	0.00129	50.00	90.00	0.00144
50.00	80.00	0.00160	50.00	70.00	0.00179
50.00	60.00	0.00198	50.00	50.00	0.00219
50.00	40.00	0.00240	50.00	30.00	0.00256
50.00	25.00	0.00261	50.00	20.00	0.00259
50.00	17.00	0.00255	50.00	15.00	0.00249
50.00	13.00	0.00241	50.00	11.00	0.00230
50.00	9.00	0.00217	50.00	-9.00	0.00096
50.00	-11.00	0.00094	50.00	-13.00	0.00093
50.00	-15.00	0.00092	50.00	-17.00	0.00091
50.00	-20.00	0.00090	50.00	-25.00	0.00089
50.00	-30.00	0.00088	50.00	-40.00	0.00083
50.00	-50.00	0.00077	50.00	-60.00	0.00071
50.00	-70.00	0.00065	50.00	-80.00	0.00059
50.00	-90.00	0.00053	50.00	-100.00	0.00048
60.00	100.00	0.00110	60.00	90.00	0.00120
60.00	80.00	0.00131	60.00	70.00	0.00142
60.00	60.00	0.00152	60.00	50.00	0.00161
60.00	40.00	0.00166	60.00	30.00	0.00165
60.00	25.00	0.00160	60.00	20.00	0.00152
60.00	17.00	0.00145	60.00	15.00	0.00140
60.00	13.00	0.00134	60.00	11.00	0.00128
60.00	9.00	0.00122	60.00	-9.00	0.00070
60.00	-11.00	0.00068	60.00	-13.00	0.00066
60.00	-15.00	0.00065	60.00	-17.00	0.00065
60.00	-20.00	0.00064	60.00	-25.00	0.00063
60.00	-30.00	0.00061	60.00	-40.00	0.00059
60.00	-50.00	0.00056	60.00	-60.00	0.00053
60.00	-70.00	0.00050	60.00	-80.00	0.00046
60.00	-90.00	0.00043	60.00	-100.00	0.00039

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:36:35

\*\*MODELOPTs:

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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	0.00093	70.00	90.00	0.00099	
70.00	80.00	0.00106	70.00	70.00	0.00111	
70.00	60.00	0.00116	70.00	50.00	0.00119	
70.00	40.00	0.00118	70.00	30.00	0.00112	
70.00	25.00	0.00107	70.00	20.00	0.00100	
70.00	17.00	0.00097	70.00	15.00	0.00094	
70.00	13.00	0.00092	70.00	11.00	0.00089	
70.00	9.00	0.00086	70.00	-9.00	0.00055	
70.00	-11.00	0.00053	70.00	-13.00	0.00052	
70.00	-15.00	0.00051	70.00	-17.00	0.00050	
70.00	-20.00	0.00049	70.00	-25.00	0.00048	
70.00	-30.00	0.00048	70.00	-40.00	0.00046	
70.00	-50.00	0.00044	70.00	-60.00	0.00041	
70.00	-70.00	0.00039	70.00	-80.00	0.00037	
70.00	-90.00	0.00035	70.00	-100.00	0.00032	
80.00	100.00	0.00078	80.00	90.00	0.00082	
80.00	80.00	0.00085	80.00	70.00	0.00088	
80.00	60.00	0.00090	80.00	50.00	0.00090	
80.00	40.00	0.00087	80.00	30.00	0.00080	
80.00	25.00	0.00077	80.00	20.00	0.00073	
80.00	17.00	0.00071	80.00	15.00	0.00070	
80.00	13.00	0.00069	80.00	11.00	0.00067	
80.00	9.00	0.00066	80.00	-9.00	0.00045	
80.00	-11.00	0.00044	80.00	-13.00	0.00042	
80.00	-15.00	0.00041	80.00	-17.00	0.00040	
80.00	-20.00	0.00039	80.00	-25.00	0.00038	
80.00	-30.00	0.00038	80.00	-40.00	0.00037	
80.00	-50.00	0.00036	80.00	-60.00	0.00034	
80.00	-70.00	0.00032	80.00	-80.00	0.00030	
80.00	-90.00	0.00029	80.00	-100.00	0.00027	
90.00	100.00	0.00065	90.00	90.00	0.00068	
90.00	80.00	0.00069	90.00	70.00	0.00070	
90.00	60.00	0.00070	90.00	50.00	0.00069	
90.00	40.00	0.00065	90.00	30.00	0.00061	
90.00	25.00	0.00059	90.00	20.00	0.00057	
90.00	17.00	0.00056	90.00	15.00	0.00055	
90.00	13.00	0.00054	90.00	11.00	0.00053	
90.00	9.00	0.00052	90.00	-9.00	0.00038	
90.00	-11.00	0.00036	90.00	-13.00	0.00035	

90.00 -15.00 0.00034 90.00 -17.00 0.00033

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

17:36:35

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00032	90.00	-25.00	0.00031
90.00	-30.00	0.00031	90.00	-40.00	0.00030
90.00	-50.00	0.00030	90.00	-60.00	0.00029
90.00	-70.00	0.00027	90.00	-80.00	0.00026
90.00	-90.00	0.00024	90.00	-100.00	0.00023
100.00	100.00	0.00055	100.00	90.00	0.00056
100.00	80.00	0.00057	100.00	70.00	0.00057
100.00	60.00	0.00056	100.00	50.00	0.00053
100.00	40.00	0.00051	100.00	30.00	0.00048
100.00	25.00	0.00047	100.00	20.00	0.00046
100.00	17.00	0.00045	100.00	15.00	0.00044
100.00	13.00	0.00044	100.00	11.00	0.00043
100.00	9.00	0.00042	100.00	-9.00	0.00032
100.00	-11.00	0.00031	100.00	-13.00	0.00030
100.00	-15.00	0.00029	100.00	-17.00	0.00028
100.00	-20.00	0.00027	100.00	-25.00	0.00026
100.00	-30.00	0.00026	100.00	-40.00	0.00025
100.00	-50.00	0.00025	100.00	-60.00	0.00024
100.00	-70.00	0.00023	100.00	-80.00	0.00022
100.00	-90.00	0.00021	100.00	-100.00	0.00020
110.00	100.00	0.00047	110.00	90.00	0.00047
110.00	80.00	0.00047	110.00	70.00	0.00046
110.00	60.00	0.00045	110.00	50.00	0.00043
110.00	40.00	0.00041	110.00	30.00	0.00039
110.00	25.00	0.00038	110.00	20.00	0.00038
110.00	17.00	0.00037	110.00	15.00	0.00037
110.00	13.00	0.00036	110.00	11.00	0.00036
110.00	9.00	0.00035	110.00	-9.00	0.00027
110.00	-11.00	0.00026	110.00	-13.00	0.00026
110.00	-15.00	0.00025	110.00	-17.00	0.00024
110.00	-20.00	0.00023	110.00	-25.00	0.00022
110.00	-30.00	0.00022	110.00	-40.00	0.00021
110.00	-50.00	0.00021	110.00	-60.00	0.00020





10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	60.00	0.00026	140.00	50.00	0.00025
140.00	40.00	0.00024	140.00	30.00	0.00024
140.00	25.00	0.00024	140.00	20.00	0.00023
140.00	17.00	0.00023	140.00	15.00	0.00023
140.00	13.00	0.00022	140.00	11.00	0.00022
140.00	9.00	0.00022	140.00	-9.00	0.00018
140.00	-11.00	0.00018	140.00	-13.00	0.00017
140.00	-15.00	0.00017	140.00	-17.00	0.00016
140.00	-20.00	0.00016	140.00	-25.00	0.00015
140.00	-30.00	0.00014	140.00	-40.00	0.00014
140.00	-50.00	0.00013	140.00	-60.00	0.00013
140.00	-70.00	0.00013	140.00	-80.00	0.00013
140.00	-90.00	0.00013	140.00	-100.00	0.00012

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00025	150.00	90.00	0.00024
150.00	80.00	0.00023	150.00	70.00	0.00023
150.00	60.00	0.00022	150.00	50.00	0.00022
150.00	40.00	0.00021	150.00	30.00	0.00021
150.00	25.00	0.00021	150.00	20.00	0.00020
150.00	17.00	0.00020	150.00	15.00	0.00020
150.00	13.00	0.00020	150.00	11.00	0.00019
150.00	9.00	0.00019	150.00	-9.00	0.00016
150.00	-11.00	0.00016	150.00	-13.00	0.00015
150.00	-15.00	0.00015	150.00	-17.00	0.00014
150.00	-20.00	0.00014	150.00	-25.00	0.00013
150.00	-30.00	0.00013	150.00	-40.00	0.00012
150.00	-50.00	0.00012	150.00	-60.00	0.00012
150.00	-70.00	0.00011	150.00	-80.00	0.00011
150.00	-90.00	0.00011	150.00	-100.00	0.00011
160.00	100.00	0.00021	160.00	90.00	0.00021
160.00	80.00	0.00020	160.00	70.00	0.00020
160.00	60.00	0.00019	160.00	50.00	0.00019
160.00	40.00	0.00019	160.00	30.00	0.00018
160.00	25.00	0.00018	160.00	20.00	0.00018
160.00	17.00	0.00018	160.00	15.00	0.00017

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

17:36:35  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00011	170.00	-25.00	0.00011
170.00	-30.00	0.00010	170.00	-40.00	0.00010
170.00	-50.00	0.00009	170.00	-60.00	0.00009
170.00	-70.00	0.00009	170.00	-80.00	0.00009
170.00	-90.00	0.00009	170.00	-100.00	0.00009
180.00	100.00	0.00016	180.00	90.00	0.00016
180.00	80.00	0.00016	180.00	70.00	0.00015
180.00	60.00	0.00015	180.00	50.00	0.00015
180.00	40.00	0.00015	180.00	30.00	0.00014
180.00	25.00	0.00014	180.00	20.00	0.00014
180.00	17.00	0.00014	180.00	15.00	0.00014
180.00	13.00	0.00014	180.00	11.00	0.00014
180.00	9.00	0.00013	180.00	-9.00	0.00012
180.00	-11.00	0.00011	180.00	-13.00	0.00011
180.00	-15.00	0.00011	180.00	-17.00	0.00011

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

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

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

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00010	230.00	90.00	0.00010
230.00	80.00	0.00009	230.00	70.00	0.00009
230.00	60.00	0.00009	230.00	50.00	0.00009

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

10NCRA\_NAPA01-300 DPM TRAV ANN E-W Bound  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00006	250.00	-25.00	0.00006
250.00	-30.00	0.00005	250.00	-40.00	0.00005
250.00	-50.00	0.00005	250.00	-60.00	0.00005
250.00	-70.00	0.00005	250.00	-80.00	0.00005
250.00	-90.00	0.00004	250.00	-100.00	0.00004

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

17:36:35  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00018	-250.00	90.00	0.00018
-250.00	80.00	0.00019	-250.00	70.00	0.00020
-250.00	60.00	0.00022	-250.00	50.00	0.00023
-250.00	40.00	0.00025	-250.00	30.00	0.00027
-250.00	25.00	0.00029	-250.00	20.00	0.00030
-250.00	17.00	0.00031	-250.00	15.00	0.00032
-250.00	13.00	0.00033	-250.00	11.00	0.00034
-250.00	9.00	0.00034	-250.00	-9.00	0.00040
-250.00	-11.00	0.00041	-250.00	-13.00	0.00042
-250.00	-15.00	0.00043	-250.00	-17.00	0.00043
-250.00	-20.00	0.00045	-250.00	-25.00	0.00047
-250.00	-30.00	0.00050	-250.00	-40.00	0.00054
-250.00	-50.00	0.00059	-250.00	-60.00	0.00063
-250.00	-70.00	0.00065	-250.00	-80.00	0.00065
-250.00	-90.00	0.00064	-250.00	-100.00	0.00061
-240.00	100.00	0.00019	-240.00	90.00	0.00020
-240.00	80.00	0.00021	-240.00	70.00	0.00022
-240.00	60.00	0.00024	-240.00	50.00	0.00025
-240.00	40.00	0.00027	-240.00	30.00	0.00030
-240.00	25.00	0.00032	-240.00	20.00	0.00034
-240.00	17.00	0.00035	-240.00	15.00	0.00036
-240.00	13.00	0.00037	-240.00	11.00	0.00037
-240.00	9.00	0.00038	-240.00	-9.00	0.00045
-240.00	-11.00	0.00046	-240.00	-13.00	0.00047
-240.00	-15.00	0.00049	-240.00	-17.00	0.00050
-240.00	-20.00	0.00051	-240.00	-25.00	0.00054

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-30.00	0.00057	-240.00	-40.00	0.00063
-240.00	-50.00	0.00068	-240.00	-60.00	0.00072
-240.00	-70.00	0.00074	-240.00	-80.00	0.00073
-240.00	-90.00	0.00070	-240.00	-100.00	0.00066
-230.00	100.00	0.00021	-230.00	90.00	0.00022
-230.00	80.00	0.00023	-230.00	70.00	0.00025
-230.00	60.00	0.00026	-230.00	50.00	0.00028
-230.00	40.00	0.00030	-230.00	30.00	0.00033
-230.00	25.00	0.00035	-230.00	20.00	0.00037
-230.00	17.00	0.00039	-230.00	15.00	0.00040
-230.00	13.00	0.00041	-230.00	11.00	0.00042
-230.00	9.00	0.00043	-230.00	-9.00	0.00052
-230.00	-11.00	0.00053	-230.00	-13.00	0.00054
-230.00	-15.00	0.00056	-230.00	-17.00	0.00057

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00059	-230.00	-25.00	0.00063
-230.00	-30.00	0.00066	-230.00	-40.00	0.00073
-230.00	-50.00	0.00080	-230.00	-60.00	0.00083
-230.00	-70.00	0.00083	-230.00	-80.00	0.00080
-230.00	-90.00	0.00076	-230.00	-100.00	0.00072
-220.00	100.00	0.00023	-220.00	90.00	0.00024
-220.00	80.00	0.00026	-220.00	70.00	0.00027
-220.00	60.00	0.00029	-220.00	50.00	0.00031
-220.00	40.00	0.00033	-220.00	30.00	0.00037
-220.00	25.00	0.00039	-220.00	20.00	0.00042
-220.00	17.00	0.00044	-220.00	15.00	0.00045
-220.00	13.00	0.00046	-220.00	11.00	0.00047
-220.00	9.00	0.00049	-220.00	-9.00	0.00060
-220.00	-11.00	0.00062	-220.00	-13.00	0.00063
-220.00	-15.00	0.00065	-220.00	-17.00	0.00067
-220.00	-20.00	0.00069	-220.00	-25.00	0.00074
-220.00	-30.00	0.00078	-220.00	-40.00	0.00087
-220.00	-50.00	0.00093	-220.00	-60.00	0.00095
-220.00	-70.00	0.00093	-220.00	-80.00	0.00089
-220.00	-90.00	0.00083	-220.00	-100.00	0.00077

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	100.00	0.00025	-210.00	90.00	0.00027
-210.00	80.00	0.00028	-210.00	70.00	0.00030
-210.00	60.00	0.00033	-210.00	50.00	0.00035
-210.00	40.00	0.00038	-210.00	30.00	0.00041
-210.00	25.00	0.00044	-210.00	20.00	0.00047
-210.00	17.00	0.00049	-210.00	15.00	0.00051
-210.00	13.00	0.00052	-210.00	11.00	0.00054
-210.00	9.00	0.00055	-210.00	-9.00	0.00070
-210.00	-11.00	0.00072	-210.00	-13.00	0.00074
-210.00	-15.00	0.00076	-210.00	-17.00	0.00079
-210.00	-20.00	0.00082	-210.00	-25.00	0.00088
-210.00	-30.00	0.00094	-210.00	-40.00	0.00104
-210.00	-50.00	0.00109	-210.00	-60.00	0.00109
-210.00	-70.00	0.00104	-210.00	-80.00	0.00098
-210.00	-90.00	0.00091	-210.00	-100.00	0.00083
-200.00	100.00	0.00028	-200.00	90.00	0.00030
-200.00	80.00	0.00032	-200.00	70.00	0.00034
-200.00	60.00	0.00037	-200.00	50.00	0.00039
-200.00	40.00	0.00043	-200.00	30.00	0.00047
-200.00	25.00	0.00049	-200.00	20.00	0.00053

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

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 \*\*MODELOPTS:  
 PAGE 85  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00055	-200.00	15.00	0.00057
-200.00	13.00	0.00059	-200.00	11.00	0.00061
-200.00	9.00	0.00063	-200.00	-9.00	0.00083
-200.00	-11.00	0.00085	-200.00	-13.00	0.00088
-200.00	-15.00	0.00091	-200.00	-17.00	0.00094
-200.00	-20.00	0.00099	-200.00	-25.00	0.00106
-200.00	-30.00	0.00114	-200.00	-40.00	0.00124
-200.00	-50.00	0.00127	-200.00	-60.00	0.00124
-200.00	-70.00	0.00116	-200.00	-80.00	0.00107
-200.00	-90.00	0.00099	-200.00	-100.00	0.00090
-190.00	100.00	0.00033	-190.00	90.00	0.00034
-190.00	80.00	0.00036	-190.00	70.00	0.00038
-190.00	60.00	0.00041	-190.00	50.00	0.00045
-190.00	40.00	0.00049	-190.00	30.00	0.00053



10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	25.00	0.00056	-190.00	20.00	0.00060
-190.00	17.00	0.00063	-190.00	15.00	0.00065
-190.00	13.00	0.00068	-190.00	11.00	0.00070
-190.00	9.00	0.00073	-190.00	-9.00	0.00099
-190.00	-11.00	0.00103	-190.00	-13.00	0.00107
-190.00	-15.00	0.00111	-190.00	-17.00	0.00115
-190.00	-20.00	0.00121	-190.00	-25.00	0.00131
-190.00	-30.00	0.00140	-190.00	-40.00	0.00149
-190.00	-50.00	0.00148	-190.00	-60.00	0.00140
-190.00	-70.00	0.00129	-190.00	-80.00	0.00118
-190.00	-90.00	0.00107	-190.00	-100.00	0.00097
-180.00	100.00	0.00040	-180.00	90.00	0.00041
-180.00	80.00	0.00043	-180.00	70.00	0.00045
-180.00	60.00	0.00048	-180.00	50.00	0.00051
-180.00	40.00	0.00056	-180.00	30.00	0.00061
-180.00	25.00	0.00065	-180.00	20.00	0.00069
-180.00	17.00	0.00072	-180.00	15.00	0.00075
-180.00	13.00	0.00078	-180.00	11.00	0.00081
-180.00	9.00	0.00085	-180.00	-9.00	0.00121
-180.00	-11.00	0.00126	-180.00	-13.00	0.00132
-180.00	-15.00	0.00138	-180.00	-17.00	0.00143
-180.00	-20.00	0.00152	-180.00	-25.00	0.00165
-180.00	-30.00	0.00173	-180.00	-40.00	0.00177
-180.00	-50.00	0.00170	-180.00	-60.00	0.00157
-180.00	-70.00	0.00143	-180.00	-80.00	0.00129
-180.00	-90.00	0.00116	-180.00	-100.00	0.00104

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

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

17:36:35

\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00051	-170.00	90.00	0.00052
-170.00	80.00	0.00053	-170.00	70.00	0.00055
-170.00	60.00	0.00057	-170.00	50.00	0.00060
-170.00	40.00	0.00065	-170.00	30.00	0.00071
-170.00	25.00	0.00075	-170.00	20.00	0.00080
-170.00	17.00	0.00084	-170.00	15.00	0.00087
-170.00	13.00	0.00090	-170.00	11.00	0.00094
-170.00	9.00	0.00098	-170.00	-9.00	0.00151

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-11.00	0.00159	-170.00	-13.00	0.00167
-170.00	-15.00	0.00176	-170.00	-17.00	0.00184
-170.00	-20.00	0.00194	-170.00	-25.00	0.00207
-170.00	-30.00	0.00212	-170.00	-40.00	0.00208
-170.00	-50.00	0.00195	-170.00	-60.00	0.00177
-170.00	-70.00	0.00158	-170.00	-80.00	0.00141
-170.00	-90.00	0.00125	-170.00	-100.00	0.00112
-160.00	100.00	0.00066	-160.00	90.00	0.00069
-160.00	80.00	0.00071	-160.00	70.00	0.00073
-160.00	60.00	0.00075	-160.00	50.00	0.00077
-160.00	40.00	0.00079	-160.00	30.00	0.00084
-160.00	25.00	0.00089	-160.00	20.00	0.00094
-160.00	17.00	0.00098	-160.00	15.00	0.00101
-160.00	13.00	0.00105	-160.00	11.00	0.00109
-160.00	9.00	0.00114	-160.00	-9.00	0.00194
-160.00	-11.00	0.00207	-160.00	-13.00	0.00219
-160.00	-15.00	0.00230	-160.00	-17.00	0.00239
-160.00	-20.00	0.00249	-160.00	-25.00	0.00256
-160.00	-30.00	0.00256	-160.00	-40.00	0.00243
-160.00	-50.00	0.00222	-160.00	-60.00	0.00197
-160.00	-70.00	0.00174	-160.00	-80.00	0.00152
-160.00	-90.00	0.00134	-160.00	-100.00	0.00118
-150.00	100.00	0.00087	-150.00	90.00	0.00093
-150.00	80.00	0.00099	-150.00	70.00	0.00104
-150.00	60.00	0.00109	-150.00	50.00	0.00111
-150.00	40.00	0.00112	-150.00	30.00	0.00111
-150.00	25.00	0.00111	-150.00	20.00	0.00114
-150.00	17.00	0.00117	-150.00	15.00	0.00121
-150.00	13.00	0.00124	-150.00	11.00	0.00129
-150.00	9.00	0.00135	-150.00	-9.00	0.00263
-150.00	-11.00	0.00279	-150.00	-13.00	0.00291
-150.00	-15.00	0.00300	-150.00	-17.00	0.00306

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

17:36:35  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00311	-150.00	-25.00	0.00311
-150.00	-30.00	0.00305	-150.00	-40.00	0.00281

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-150.00	-50.00	0.00249	-150.00	-60.00	0.00217
-150.00	-70.00	0.00188	-150.00	-80.00	0.00163
-150.00	-90.00	0.00142	-150.00	-100.00	0.00124
-140.00	100.00	0.00112	-140.00	90.00	0.00122
-140.00	80.00	0.00133	-140.00	70.00	0.00146
-140.00	60.00	0.00160	-140.00	50.00	0.00175
-140.00	40.00	0.00187	-140.00	30.00	0.00193
-140.00	25.00	0.00192	-140.00	20.00	0.00187
-140.00	17.00	0.00181	-140.00	15.00	0.00178
-140.00	13.00	0.00175	-140.00	11.00	0.00174
-140.00	9.00	0.00176	-140.00	-9.00	0.00369
-140.00	-11.00	0.00377	-140.00	-13.00	0.00382
-140.00	-15.00	0.00384	-140.00	-17.00	0.00384
-140.00	-20.00	0.00382	-140.00	-25.00	0.00371
-140.00	-30.00	0.00356	-140.00	-40.00	0.00316
-140.00	-50.00	0.00273	-140.00	-60.00	0.00233
-140.00	-70.00	0.00199	-140.00	-80.00	0.00171
-140.00	-90.00	0.00147	-140.00	-100.00	0.00128
-130.00	100.00	0.00135	-130.00	90.00	0.00151
-130.00	80.00	0.00169	-130.00	70.00	0.00190
-130.00	60.00	0.00216	-130.00	50.00	0.00247
-130.00	40.00	0.00283	-130.00	30.00	0.00323
-130.00	25.00	0.00345	-130.00	20.00	0.00366
-130.00	17.00	0.00379	-130.00	15.00	0.00388
-130.00	13.00	0.00397	-130.00	11.00	0.00408
-130.00	9.00	0.00422	-130.00	-9.00	0.00473
-130.00	-11.00	0.00466	-130.00	-13.00	0.00460
-130.00	-15.00	0.00455	-130.00	-17.00	0.00449
-130.00	-20.00	0.00438	-130.00	-25.00	0.00417
-130.00	-30.00	0.00393	-130.00	-40.00	0.00340
-130.00	-50.00	0.00288	-130.00	-60.00	0.00243
-130.00	-70.00	0.00205	-130.00	-80.00	0.00175
-130.00	-90.00	0.00150	-130.00	-100.00	0.00130
-120.00	100.00	0.00156	-120.00	90.00	0.00176
-120.00	80.00	0.00199	-120.00	70.00	0.00227
-120.00	60.00	0.00262	-120.00	50.00	0.00304
-120.00	40.00	0.00354	-120.00	30.00	0.00412
-120.00	25.00	0.00442	-120.00	20.00	0.00470

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

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

17:36:35  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

10NCRA NAPA01-300\_DPM\_TRAV ANN E-W Bound  
 INCLUDING SOURCE(S) : NCRA\_S4 ,

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00484	-120.00	15.00	0.00492
-120.00	13.00	0.00498	-120.00	11.00	0.00504
-120.00	9.00	0.00510	-120.00	-9.00	0.00488
-120.00	-11.00	0.00481	-120.00	-13.00	0.00475
-120.00	-15.00	0.00469	-120.00	-17.00	0.00462
-120.00	-20.00	0.00451	-120.00	-25.00	0.00428
-120.00	-30.00	0.00402	-120.00	-40.00	0.00345
-120.00	-50.00	0.00290	-120.00	-60.00	0.00244
-120.00	-70.00	0.00206	-120.00	-80.00	0.00175
-120.00	-90.00	0.00149	-120.00	-100.00	0.00129
-110.00	100.00	0.00173	-110.00	90.00	0.00196
-110.00	80.00	0.00223	-110.00	70.00	0.00256
-110.00	60.00	0.00296	-110.00	50.00	0.00343
-110.00	40.00	0.00399	-110.00	30.00	0.00460
-110.00	25.00	0.00490	-110.00	20.00	0.00516
-110.00	17.00	0.00527	-110.00	15.00	0.00531
-110.00	13.00	0.00534	-110.00	11.00	0.00536
-110.00	9.00	0.00538	-110.00	-9.00	0.00488
-110.00	-11.00	0.00480	-110.00	-13.00	0.00473
-110.00	-15.00	0.00466	-110.00	-17.00	0.00459
-110.00	-20.00	0.00446	-110.00	-25.00	0.00421
-110.00	-30.00	0.00393	-110.00	-40.00	0.00334
-110.00	-50.00	0.00280	-110.00	-60.00	0.00236
-110.00	-70.00	0.00199	-110.00	-80.00	0.00169
-110.00	-90.00	0.00144	-110.00	-100.00	0.00124
-100.00	100.00	0.00185	-100.00	90.00	0.00211
-100.00	80.00	0.00241	-100.00	70.00	0.00276
-100.00	60.00	0.00318	-100.00	50.00	0.00368
-100.00	40.00	0.00425	-100.00	30.00	0.00486
-100.00	25.00	0.00513	-100.00	20.00	0.00535
-100.00	17.00	0.00543	-100.00	15.00	0.00546
-100.00	13.00	0.00548	-100.00	11.00	0.00547
-100.00	9.00	0.00547	-100.00	-9.00	0.00479
-100.00	-11.00	0.00470	-100.00	-13.00	0.00462
-100.00	-15.00	0.00453	-100.00	-17.00	0.00445
-100.00	-20.00	0.00430	-100.00	-25.00	0.00403
-100.00	-30.00	0.00373	-100.00	-40.00	0.00313
-100.00	-50.00	0.00263	-100.00	-60.00	0.00221
-100.00	-70.00	0.00187	-100.00	-80.00	0.00159
-100.00	-90.00	0.00136	-100.00	-100.00	0.00117

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00192	-90.00	90.00	0.00219
-90.00	80.00	0.00251	-90.00	70.00	0.00288
-90.00	60.00	0.00331	-90.00	50.00	0.00382
-90.00	40.00	0.00439	-90.00	30.00	0.00496
-90.00	25.00	0.00522	-90.00	20.00	0.00541
-90.00	17.00	0.00548	-90.00	15.00	0.00550
-90.00	13.00	0.00550	-90.00	11.00	0.00549
-90.00	9.00	0.00547	-90.00	-9.00	0.00462
-90.00	-11.00	0.00450	-90.00	-13.00	0.00440
-90.00	-15.00	0.00430	-90.00	-17.00	0.00419
-90.00	-20.00	0.00402	-90.00	-25.00	0.00372
-90.00	-30.00	0.00342	-90.00	-40.00	0.00287
-90.00	-50.00	0.00240	-90.00	-60.00	0.00202
-90.00	-70.00	0.00171	-90.00	-80.00	0.00145
-90.00	-90.00	0.00124	-90.00	-100.00	0.00107
-80.00	100.00	0.00192	-80.00	90.00	0.00220
-80.00	80.00	0.00252	-80.00	70.00	0.00291
-80.00	60.00	0.00336	-80.00	50.00	0.00387
-80.00	40.00	0.00443	-80.00	30.00	0.00498
-80.00	25.00	0.00521	-80.00	20.00	0.00539
-80.00	17.00	0.00546	-80.00	15.00	0.00547
-80.00	13.00	0.00546	-80.00	11.00	0.00544
-80.00	9.00	0.00541	-80.00	-9.00	0.00434
-80.00	-11.00	0.00419	-80.00	-13.00	0.00405
-80.00	-15.00	0.00392	-80.00	-17.00	0.00379
-80.00	-20.00	0.00360	-80.00	-25.00	0.00329
-80.00	-30.00	0.00301	-80.00	-40.00	0.00254
-80.00	-50.00	0.00213	-80.00	-60.00	0.00179
-80.00	-70.00	0.00151	-80.00	-80.00	0.00128
-80.00	-90.00	0.00110	-80.00	-100.00	0.00095
-70.00	100.00	0.00184	-70.00	90.00	0.00211
-70.00	80.00	0.00244	-70.00	70.00	0.00282
-70.00	60.00	0.00328	-70.00	50.00	0.00380
-70.00	40.00	0.00437	-70.00	30.00	0.00491

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	25.00	0.00514	-70.00	20.00	0.00531
-70.00	17.00	0.00536	-70.00	15.00	0.00537
-70.00	13.00	0.00535	-70.00	11.00	0.00532
-70.00	9.00	0.00528	-70.00	-9.00	0.00390
-70.00	-11.00	0.00370	-70.00	-13.00	0.00352
-70.00	-15.00	0.00337	-70.00	-17.00	0.00322

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

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

17:36:35

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S):      NCRA\_S4 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00303	-70.00	-25.00	0.00276
-70.00	-30.00	0.00254	-70.00	-40.00	0.00214
-70.00	-50.00	0.00180	-70.00	-60.00	0.00152
-70.00	-70.00	0.00129	-70.00	-80.00	0.00110
-70.00	-90.00	0.00095	-70.00	-100.00	0.00083
-60.00	100.00	0.00170	-60.00	90.00	0.00194
-60.00	80.00	0.00223	-60.00	70.00	0.00258
-60.00	60.00	0.00301	-60.00	50.00	0.00351
-60.00	40.00	0.00408	-60.00	30.00	0.00468
-60.00	25.00	0.00495	-60.00	20.00	0.00514
-60.00	17.00	0.00519	-60.00	15.00	0.00519
-60.00	13.00	0.00517	-60.00	11.00	0.00513
-60.00	9.00	0.00508	-60.00	-9.00	0.00319
-60.00	-11.00	0.00295	-60.00	-13.00	0.00277
-60.00	-15.00	0.00262	-60.00	-17.00	0.00250
-60.00	-20.00	0.00236	-60.00	-25.00	0.00216
-60.00	-30.00	0.00198	-60.00	-40.00	0.00169
-60.00	-50.00	0.00144	-60.00	-60.00	0.00123
-60.00	-70.00	0.00106	-60.00	-80.00	0.00092
-60.00	-90.00	0.00080	-60.00	-100.00	0.00070
-50.00	100.00	0.00150	-50.00	90.00	0.00170
-50.00	80.00	0.00193	-50.00	70.00	0.00220
-50.00	60.00	0.00253	-50.00	50.00	0.00291
-50.00	40.00	0.00335	-50.00	30.00	0.00387
-50.00	25.00	0.00415	-50.00	20.00	0.00441
-50.00	17.00	0.00454	-50.00	15.00	0.00461
-50.00	13.00	0.00466	-50.00	11.00	0.00468
-50.00	9.00	0.00467	-50.00	-9.00	0.00207

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-11.00	0.00191	-50.00	-13.00	0.00180
-50.00	-15.00	0.00171	-50.00	-17.00	0.00165
-50.00	-20.00	0.00157	-50.00	-25.00	0.00147
-50.00	-30.00	0.00138	-50.00	-40.00	0.00122
-50.00	-50.00	0.00108	-50.00	-60.00	0.00095
-50.00	-70.00	0.00084	-50.00	-80.00	0.00074
-50.00	-90.00	0.00066	-50.00	-100.00	0.00059
-40.00	100.00	0.00129	-40.00	90.00	0.00144
-40.00	80.00	0.00160	-40.00	70.00	0.00179
-40.00	60.00	0.00198	-40.00	50.00	0.00219
-40.00	40.00	0.00240	-40.00	30.00	0.00256
-40.00	25.00	0.00261	-40.00	20.00	0.00259

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

17:36:35

\*\*MODELOPTs:

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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	0.00255	-40.00	15.00	0.00249
-40.00	13.00	0.00241	-40.00	11.00	0.00230
-40.00	9.00	0.00217	-40.00	-9.00	0.00096
-40.00	-11.00	0.00094	-40.00	-13.00	0.00093
-40.00	-15.00	0.00092	-40.00	-17.00	0.00091
-40.00	-20.00	0.00090	-40.00	-25.00	0.00089
-40.00	-30.00	0.00088	-40.00	-40.00	0.00083
-40.00	-50.00	0.00077	-40.00	-60.00	0.00071
-40.00	-70.00	0.00065	-40.00	-80.00	0.00059
-40.00	-90.00	0.00053	-40.00	-100.00	0.00048
-30.00	100.00	0.00110	-30.00	90.00	0.00120
-30.00	80.00	0.00131	-30.00	70.00	0.00142
-30.00	60.00	0.00152	-30.00	50.00	0.00161
-30.00	40.00	0.00166	-30.00	30.00	0.00165
-30.00	25.00	0.00160	-30.00	20.00	0.00152
-30.00	17.00	0.00145	-30.00	15.00	0.00140
-30.00	13.00	0.00134	-30.00	11.00	0.00128
-30.00	9.00	0.00122	-30.00	-9.00	0.00070
-30.00	-11.00	0.00068	-30.00	-13.00	0.00066
-30.00	-15.00	0.00065	-30.00	-17.00	0.00065
-30.00	-20.00	0.00064	-30.00	-25.00	0.00063
-30.00	-30.00	0.00061	-30.00	-40.00	0.00059

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	-50.00	0.00056	-30.00	-60.00	0.00053
-30.00	-70.00	0.00050	-30.00	-80.00	0.00046
-30.00	-90.00	0.00043	-30.00	-100.00	0.00039
-20.00	100.00	0.00093	-20.00	90.00	0.00099
-20.00	80.00	0.00106	-20.00	70.00	0.00111
-20.00	60.00	0.00116	-20.00	50.00	0.00119
-20.00	40.00	0.00118	-20.00	30.00	0.00112
-20.00	25.00	0.00107	-20.00	20.00	0.00100
-20.00	17.00	0.00097	-20.00	15.00	0.00094
-20.00	13.00	0.00092	-20.00	11.00	0.00089
-20.00	9.00	0.00086	-20.00	-9.00	0.00055
-20.00	-11.00	0.00053	-20.00	-13.00	0.00052
-20.00	-15.00	0.00051	-20.00	-17.00	0.00050
-20.00	-20.00	0.00049	-20.00	-25.00	0.00048
-20.00	-30.00	0.00048	-20.00	-40.00	0.00046
-20.00	-50.00	0.00044	-20.00	-60.00	0.00041
-20.00	-70.00	0.00039	-20.00	-80.00	0.00037
-20.00	-90.00	0.00035	-20.00	-100.00	0.00032

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

17:36:35  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00078	-10.00	90.00	0.00082
-10.00	80.00	0.00085	-10.00	70.00	0.00088
-10.00	60.00	0.00090	-10.00	50.00	0.00090
-10.00	40.00	0.00087	-10.00	30.00	0.00080
-10.00	25.00	0.00077	-10.00	20.00	0.00073
-10.00	17.00	0.00071	-10.00	15.00	0.00070
-10.00	13.00	0.00069	-10.00	11.00	0.00067
-10.00	9.00	0.00066	-10.00	-9.00	0.00045
-10.00	-11.00	0.00044	-10.00	-13.00	0.00042
-10.00	-15.00	0.00041	-10.00	-17.00	0.00040
-10.00	-20.00	0.00039	-10.00	-25.00	0.00038
-10.00	-30.00	0.00038	-10.00	-40.00	0.00037
-10.00	-50.00	0.00036	-10.00	-60.00	0.00034
-10.00	-70.00	0.00032	-10.00	-80.00	0.00030
-10.00	-90.00	0.00029	-10.00	-100.00	0.00027
0.00	100.00	0.00065	0.00	90.00	0.00068



10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	80.00	0.00069	0.00	70.00	0.00070
0.00	60.00	0.00070	0.00	50.00	0.00069
0.00	40.00	0.00065	0.00	30.00	0.00061
0.00	25.00	0.00059	0.00	20.00	0.00057
0.00	17.00	0.00056	0.00	15.00	0.00055
0.00	13.00	0.00054	0.00	11.00	0.00053
0.00	9.00	0.00052	0.00	-9.00	0.00038
0.00	-11.00	0.00036	0.00	-13.00	0.00035
0.00	-15.00	0.00034	0.00	-17.00	0.00033
0.00	-20.00	0.00032	0.00	-25.00	0.00031
0.00	-30.00	0.00031	0.00	-40.00	0.00030
0.00	-50.00	0.00030	0.00	-60.00	0.00029
0.00	-70.00	0.00027	0.00	-80.00	0.00026
0.00	-90.00	0.00024	0.00	-100.00	0.00023
10.00	100.00	0.00055	10.00	90.00	0.00056
10.00	80.00	0.00057	10.00	70.00	0.00057
10.00	60.00	0.00056	10.00	50.00	0.00053
10.00	40.00	0.00051	10.00	30.00	0.00048
10.00	25.00	0.00047	10.00	20.00	0.00046
10.00	17.00	0.00045	10.00	15.00	0.00044
10.00	13.00	0.00044	10.00	11.00	0.00043
10.00	9.00	0.00042	10.00	-9.00	0.00032
10.00	-11.00	0.00031	10.00	-13.00	0.00030
10.00	-15.00	0.00029	10.00	-17.00	0.00028

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00027	10.00	-25.00	0.00026
10.00	-30.00	0.00026	10.00	-40.00	0.00025
10.00	-50.00	0.00025	10.00	-60.00	0.00024
10.00	-70.00	0.00023	10.00	-80.00	0.00022
10.00	-90.00	0.00021	10.00	-100.00	0.00020
20.00	100.00	0.00047	20.00	90.00	0.00047
20.00	80.00	0.00047	20.00	70.00	0.00046
20.00	60.00	0.00045	20.00	50.00	0.00043
20.00	40.00	0.00041	20.00	30.00	0.00039
20.00	25.00	0.00038	20.00	20.00	0.00038

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00027	40.00	15.00	0.00026
40.00	13.00	0.00026	40.00	11.00	0.00026
40.00	9.00	0.00025	40.00	-9.00	0.00021
40.00	-11.00	0.00020	40.00	-13.00	0.00019

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00010	90.00	-25.00	0.00010
90.00	-30.00	0.00009	90.00	-40.00	0.00009
90.00	-50.00	0.00009	90.00	-60.00	0.00008
90.00	-70.00	0.00008	90.00	-80.00	0.00008
90.00	-90.00	0.00008	90.00	-100.00	0.00008
100.00	100.00	0.00015	100.00	90.00	0.00014
100.00	80.00	0.00014	100.00	70.00	0.00014
100.00	60.00	0.00014	100.00	50.00	0.00013
100.00	40.00	0.00013	100.00	30.00	0.00013
100.00	25.00	0.00013	100.00	20.00	0.00013
100.00	17.00	0.00012	100.00	15.00	0.00012
100.00	13.00	0.00012	100.00	11.00	0.00012
100.00	9.00	0.00012	100.00	-9.00	0.00010
100.00	-11.00	0.00010	100.00	-13.00	0.00010
100.00	-15.00	0.00010	100.00	-17.00	0.00010
100.00	-20.00	0.00009	100.00	-25.00	0.00009
100.00	-30.00	0.00009	100.00	-40.00	0.00008
100.00	-50.00	0.00008	100.00	-60.00	0.00008
100.00	-70.00	0.00008	100.00	-80.00	0.00007
100.00	-90.00	0.00007	100.00	-100.00	0.00007
110.00	100.00	0.00013	110.00	90.00	0.00013
110.00	80.00	0.00013	110.00	70.00	0.00012
110.00	60.00	0.00012	110.00	50.00	0.00012
110.00	40.00	0.00012	110.00	30.00	0.00012
110.00	25.00	0.00012	110.00	20.00	0.00011
110.00	17.00	0.00011	110.00	15.00	0.00011
110.00	13.00	0.00011	110.00	11.00	0.00011
110.00	9.00	0.00011	110.00	-9.00	0.00010
110.00	-11.00	0.00009	110.00	-13.00	0.00009
110.00	-15.00	0.00009	110.00	-17.00	0.00009
110.00	-20.00	0.00009	110.00	-25.00	0.00008
110.00	-30.00	0.00008	110.00	-40.00	0.00007
110.00	-50.00	0.00007	110.00	-60.00	0.00007
110.00	-70.00	0.00007	110.00	-80.00	0.00007
110.00	-90.00	0.00007	110.00	-100.00	0.00006
120.00	100.00	0.00012	120.00	90.00	0.00012

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

120.00	80.00	0.00011	120.00	70.00	0.00011
120.00	60.00	0.00011	120.00	50.00	0.00011
120.00	40.00	0.00011	120.00	30.00	0.00011
120.00	25.00	0.00011	120.00	20.00	0.00010

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

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

17:36:35

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	-15.00	0.00006	160.00	-17.00	0.00006
160.00	-20.00	0.00006	160.00	-25.00	0.00006
160.00	-30.00	0.00005	160.00	-40.00	0.00005
160.00	-50.00	0.00005	160.00	-60.00	0.00005
160.00	-70.00	0.00005	160.00	-80.00	0.00005
160.00	-90.00	0.00004	160.00	-100.00	0.00004
170.00	100.00	0.00008	170.00	90.00	0.00007
170.00	80.00	0.00007	170.00	70.00	0.00007
170.00	60.00	0.00007	170.00	50.00	0.00007
170.00	40.00	0.00007	170.00	30.00	0.00007
170.00	25.00	0.00007	170.00	20.00	0.00007
170.00	17.00	0.00007	170.00	15.00	0.00007
170.00	13.00	0.00007	170.00	11.00	0.00007
170.00	9.00	0.00007	170.00	-9.00	0.00006
170.00	-11.00	0.00006	170.00	-13.00	0.00006
170.00	-15.00	0.00006	170.00	-17.00	0.00006

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

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

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\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

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



10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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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
200.00	17.00	0.00005	200.00	15.00	0.00005
200.00	13.00	0.00005	200.00	11.00	0.00005
200.00	9.00	0.00005	200.00	-9.00	0.00005
200.00	-11.00	0.00005	200.00	-13.00	0.00005
200.00	-15.00	0.00005	200.00	-17.00	0.00005
200.00	-20.00	0.00005	200.00	-25.00	0.00004
200.00	-30.00	0.00004	200.00	-40.00	0.00004
200.00	-50.00	0.00004	200.00	-60.00	0.00004
200.00	-70.00	0.00004	200.00	-80.00	0.00003
200.00	-90.00	0.00003	200.00	-100.00	0.00003
210.00	100.00	0.00006	210.00	90.00	0.00006
210.00	80.00	0.00006	210.00	70.00	0.00006

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00005	230.00	90.00	0.00005
230.00	80.00	0.00005	230.00	70.00	0.00005
230.00	60.00	0.00005	230.00	50.00	0.00005
230.00	40.00	0.00005	230.00	30.00	0.00005
230.00	25.00	0.00005	230.00	20.00	0.00005
230.00	17.00	0.00004	230.00	15.00	0.00004

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00066	-250.00	90.00	0.00069
-250.00	80.00	0.00071	-250.00	70.00	0.00073
-250.00	60.00	0.00075	-250.00	50.00	0.00077
-250.00	40.00	0.00079	-250.00	30.00	0.00084
-250.00	25.00	0.00089	-250.00	20.00	0.00094
-250.00	17.00	0.00098	-250.00	15.00	0.00101
-250.00	13.00	0.00105	-250.00	11.00	0.00109
-250.00	9.00	0.00114	-250.00	-9.00	0.00194
-250.00	-11.00	0.00207	-250.00	-13.00	0.00219
-250.00	-15.00	0.00230	-250.00	-17.00	0.00239
-250.00	-20.00	0.00249	-250.00	-25.00	0.00256
-250.00	-30.00	0.00256	-250.00	-40.00	0.00243
-250.00	-50.00	0.00222	-250.00	-60.00	0.00197
-250.00	-70.00	0.00174	-250.00	-80.00	0.00152
-250.00	-90.00	0.00134	-250.00	-100.00	0.00118
-240.00	100.00	0.00087	-240.00	90.00	0.00093
-240.00	80.00	0.00099	-240.00	70.00	0.00104
-240.00	60.00	0.00109	-240.00	50.00	0.00111
-240.00	40.00	0.00112	-240.00	30.00	0.00111
-240.00	25.00	0.00111	-240.00	20.00	0.00114
-240.00	17.00	0.00117	-240.00	15.00	0.00121
-240.00	13.00	0.00124	-240.00	11.00	0.00129
-240.00	9.00	0.00135	-240.00	-9.00	0.00263
-240.00	-11.00	0.00279	-240.00	-13.00	0.00291
-240.00	-15.00	0.00300	-240.00	-17.00	0.00306
-240.00	-20.00	0.00311	-240.00	-25.00	0.00311
-240.00	-30.00	0.00305	-240.00	-40.00	0.00281
-240.00	-50.00	0.00249	-240.00	-60.00	0.00217
-240.00	-70.00	0.00188	-240.00	-80.00	0.00163

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-90.00	0.00142	-240.00	-100.00	0.00124
-230.00	100.00	0.00112	-230.00	90.00	0.00122
-230.00	80.00	0.00133	-230.00	70.00	0.00146
-230.00	60.00	0.00160	-230.00	50.00	0.00175
-230.00	40.00	0.00187	-230.00	30.00	0.00193
-230.00	25.00	0.00192	-230.00	20.00	0.00187
-230.00	17.00	0.00181	-230.00	15.00	0.00178
-230.00	13.00	0.00175	-230.00	11.00	0.00174
-230.00	9.00	0.00176	-230.00	-9.00	0.00369
-230.00	-11.00	0.00377	-230.00	-13.00	0.00382
-230.00	-15.00	0.00384	-230.00	-17.00	0.00384

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

17:36:35  
 \*\*MODELOPTs:  
 PAGE 104  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER      IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00382	-230.00	-25.00	0.00371
-230.00	-30.00	0.00356	-230.00	-40.00	0.00316
-230.00	-50.00	0.00273	-230.00	-60.00	0.00233
-230.00	-70.00	0.00199	-230.00	-80.00	0.00171
-230.00	-90.00	0.00147	-230.00	-100.00	0.00128
-220.00	100.00	0.00135	-220.00	90.00	0.00151
-220.00	80.00	0.00169	-220.00	70.00	0.00190
-220.00	60.00	0.00216	-220.00	50.00	0.00247
-220.00	40.00	0.00283	-220.00	30.00	0.00323
-220.00	25.00	0.00345	-220.00	20.00	0.00366
-220.00	17.00	0.00379	-220.00	15.00	0.00388
-220.00	13.00	0.00397	-220.00	11.00	0.00408
-220.00	9.00	0.00422	-220.00	-9.00	0.00473
-220.00	-11.00	0.00466	-220.00	-13.00	0.00460
-220.00	-15.00	0.00455	-220.00	-17.00	0.00449
-220.00	-20.00	0.00438	-220.00	-25.00	0.00417
-220.00	-30.00	0.00393	-220.00	-40.00	0.00340
-220.00	-50.00	0.00288	-220.00	-60.00	0.00243
-220.00	-70.00	0.00205	-220.00	-80.00	0.00175
-220.00	-90.00	0.00150	-220.00	-100.00	0.00130
-210.00	100.00	0.00156	-210.00	90.00	0.00176
-210.00	80.00	0.00199	-210.00	70.00	0.00227
-210.00	60.00	0.00262	-210.00	50.00	0.00304

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	40.00	0.00354	-210.00	30.00	0.00412
-210.00	25.00	0.00442	-210.00	20.00	0.00470
-210.00	17.00	0.00484	-210.00	15.00	0.00492
-210.00	13.00	0.00498	-210.00	11.00	0.00504
-210.00	9.00	0.00510	-210.00	-9.00	0.00488
-210.00	-11.00	0.00481	-210.00	-13.00	0.00475
-210.00	-15.00	0.00469	-210.00	-17.00	0.00462
-210.00	-20.00	0.00451	-210.00	-25.00	0.00428
-210.00	-30.00	0.00402	-210.00	-40.00	0.00345
-210.00	-50.00	0.00290	-210.00	-60.00	0.00244
-210.00	-70.00	0.00206	-210.00	-80.00	0.00175
-210.00	-90.00	0.00149	-210.00	-100.00	0.00129
-200.00	100.00	0.00173	-200.00	90.00	0.00196
-200.00	80.00	0.00223	-200.00	70.00	0.00256
-200.00	60.00	0.00296	-200.00	50.00	0.00343
-200.00	40.00	0.00399	-200.00	30.00	0.00460
-200.00	25.00	0.00490	-200.00	20.00	0.00516

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

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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	0.00527	-200.00	15.00	0.00531
-200.00	13.00	0.00534	-200.00	11.00	0.00536
-200.00	9.00	0.00538	-200.00	-9.00	0.00488
-200.00	-11.00	0.00480	-200.00	-13.00	0.00473
-200.00	-15.00	0.00466	-200.00	-17.00	0.00459
-200.00	-20.00	0.00446	-200.00	-25.00	0.00421
-200.00	-30.00	0.00393	-200.00	-40.00	0.00334
-200.00	-50.00	0.00280	-200.00	-60.00	0.00236
-200.00	-70.00	0.00199	-200.00	-80.00	0.00169
-200.00	-90.00	0.00144	-200.00	-100.00	0.00124
-190.00	100.00	0.00185	-190.00	90.00	0.00211
-190.00	80.00	0.00241	-190.00	70.00	0.00276
-190.00	60.00	0.00318	-190.00	50.00	0.00368
-190.00	40.00	0.00425	-190.00	30.00	0.00486
-190.00	25.00	0.00513	-190.00	20.00	0.00535
-190.00	17.00	0.00543	-190.00	15.00	0.00546
-190.00	13.00	0.00548	-190.00	11.00	0.00547

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	9.00	0.00547	-190.00	-9.00	0.00479
-190.00	-11.00	0.00470	-190.00	-13.00	0.00462
-190.00	-15.00	0.00453	-190.00	-17.00	0.00445
-190.00	-20.00	0.00430	-190.00	-25.00	0.00403
-190.00	-30.00	0.00373	-190.00	-40.00	0.00313
-190.00	-50.00	0.00263	-190.00	-60.00	0.00221
-190.00	-70.00	0.00187	-190.00	-80.00	0.00159
-190.00	-90.00	0.00136	-190.00	-100.00	0.00117
-180.00	100.00	0.00192	-180.00	90.00	0.00219
-180.00	80.00	0.00251	-180.00	70.00	0.00288
-180.00	60.00	0.00331	-180.00	50.00	0.00382
-180.00	40.00	0.00439	-180.00	30.00	0.00496
-180.00	25.00	0.00522	-180.00	20.00	0.00541
-180.00	17.00	0.00548	-180.00	15.00	0.00550
-180.00	13.00	0.00550	-180.00	11.00	0.00549
-180.00	9.00	0.00547	-180.00	-9.00	0.00462
-180.00	-11.00	0.00450	-180.00	-13.00	0.00440
-180.00	-15.00	0.00430	-180.00	-17.00	0.00419
-180.00	-20.00	0.00402	-180.00	-25.00	0.00372
-180.00	-30.00	0.00342	-180.00	-40.00	0.00287
-180.00	-50.00	0.00240	-180.00	-60.00	0.00202
-180.00	-70.00	0.00171	-180.00	-80.00	0.00145
-180.00	-90.00	0.00124	-180.00	-100.00	0.00107

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

17:36:35  
 \*\*MODELOPTs:  
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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	100.00	0.00192	-170.00	90.00	0.00220
-170.00	80.00	0.00252	-170.00	70.00	0.00291
-170.00	60.00	0.00336	-170.00	50.00	0.00387
-170.00	40.00	0.00443	-170.00	30.00	0.00498
-170.00	25.00	0.00521	-170.00	20.00	0.00539
-170.00	17.00	0.00546	-170.00	15.00	0.00547
-170.00	13.00	0.00546	-170.00	11.00	0.00544
-170.00	9.00	0.00541	-170.00	-9.00	0.00434
-170.00	-11.00	0.00419	-170.00	-13.00	0.00405
-170.00	-15.00	0.00392	-170.00	-17.00	0.00379
-170.00	-20.00	0.00360	-170.00	-25.00	0.00329

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-30.00	0.00301	-170.00	-40.00	0.00254
-170.00	-50.00	0.00213	-170.00	-60.00	0.00179
-170.00	-70.00	0.00151	-170.00	-80.00	0.00128
-170.00	-90.00	0.00110	-170.00	-100.00	0.00095
-160.00	100.00	0.00184	-160.00	90.00	0.00211
-160.00	80.00	0.00244	-160.00	70.00	0.00282
-160.00	60.00	0.00328	-160.00	50.00	0.00380
-160.00	40.00	0.00437	-160.00	30.00	0.00491
-160.00	25.00	0.00514	-160.00	20.00	0.00531
-160.00	17.00	0.00536	-160.00	15.00	0.00537
-160.00	13.00	0.00535	-160.00	11.00	0.00532
-160.00	9.00	0.00528	-160.00	-9.00	0.00390
-160.00	-11.00	0.00370	-160.00	-13.00	0.00352
-160.00	-15.00	0.00337	-160.00	-17.00	0.00322
-160.00	-20.00	0.00303	-160.00	-25.00	0.00276
-160.00	-30.00	0.00254	-160.00	-40.00	0.00214
-160.00	-50.00	0.00180	-160.00	-60.00	0.00152
-160.00	-70.00	0.00129	-160.00	-80.00	0.00110
-160.00	-90.00	0.00095	-160.00	-100.00	0.00083
-150.00	100.00	0.00170	-150.00	90.00	0.00194
-150.00	80.00	0.00223	-150.00	70.00	0.00258
-150.00	60.00	0.00301	-150.00	50.00	0.00351
-150.00	40.00	0.00408	-150.00	30.00	0.00468
-150.00	25.00	0.00495	-150.00	20.00	0.00514
-150.00	17.00	0.00519	-150.00	15.00	0.00519
-150.00	13.00	0.00517	-150.00	11.00	0.00513
-150.00	9.00	0.00508	-150.00	-9.00	0.00319
-150.00	-11.00	0.00295	-150.00	-13.00	0.00277
-150.00	-15.00	0.00262	-150.00	-17.00	0.00250

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

17:36:35  
 \*\*MODELOPTS:  
 PAGE 107  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00236	-150.00	-25.00	0.00216
-150.00	-30.00	0.00198	-150.00	-40.00	0.00169
-150.00	-50.00	0.00144	-150.00	-60.00	0.00123
-150.00	-70.00	0.00106	-150.00	-80.00	0.00092
-150.00	-90.00	0.00080	-150.00	-100.00	0.00070



10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-140.00	100.00	0.00150	-140.00	90.00	0.00170
-140.00	80.00	0.00193	-140.00	70.00	0.00220
-140.00	60.00	0.00253	-140.00	50.00	0.00291
-140.00	40.00	0.00335	-140.00	30.00	0.00387
-140.00	25.00	0.00415	-140.00	20.00	0.00441
-140.00	17.00	0.00454	-140.00	15.00	0.00461
-140.00	13.00	0.00466	-140.00	11.00	0.00468
-140.00	9.00	0.00467	-140.00	-9.00	0.00207
-140.00	-11.00	0.00191	-140.00	-13.00	0.00180
-140.00	-15.00	0.00171	-140.00	-17.00	0.00165
-140.00	-20.00	0.00157	-140.00	-25.00	0.00147
-140.00	-30.00	0.00138	-140.00	-40.00	0.00122
-140.00	-50.00	0.00108	-140.00	-60.00	0.00095
-140.00	-70.00	0.00084	-140.00	-80.00	0.00074
-140.00	-90.00	0.00066	-140.00	-100.00	0.00059
-130.00	100.00	0.00129	-130.00	90.00	0.00144
-130.00	80.00	0.00160	-130.00	70.00	0.00179
-130.00	60.00	0.00198	-130.00	50.00	0.00219
-130.00	40.00	0.00240	-130.00	30.00	0.00256
-130.00	25.00	0.00261	-130.00	20.00	0.00259
-130.00	17.00	0.00255	-130.00	15.00	0.00249
-130.00	13.00	0.00241	-130.00	11.00	0.00230
-130.00	9.00	0.00217	-130.00	-9.00	0.00096
-130.00	-11.00	0.00094	-130.00	-13.00	0.00093
-130.00	-15.00	0.00092	-130.00	-17.00	0.00091
-130.00	-20.00	0.00090	-130.00	-25.00	0.00089
-130.00	-30.00	0.00088	-130.00	-40.00	0.00083
-130.00	-50.00	0.00077	-130.00	-60.00	0.00071
-130.00	-70.00	0.00065	-130.00	-80.00	0.00059
-130.00	-90.00	0.00053	-130.00	-100.00	0.00048
-120.00	100.00	0.00110	-120.00	90.00	0.00120
-120.00	80.00	0.00131	-120.00	70.00	0.00142
-120.00	60.00	0.00152	-120.00	50.00	0.00161
-120.00	40.00	0.00166	-120.00	30.00	0.00165
-120.00	25.00	0.00160	-120.00	20.00	0.00152

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 17:36:35  
 \*\*MODELOPTs:  
 PAGE 108  
 CONC      URBAN FLAT    FLGPOL    DFAULT

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

10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00145	-120.00	15.00	0.00140
-120.00	13.00	0.00134	-120.00	11.00	0.00128
-120.00	9.00	0.00122	-120.00	-9.00	0.00070
-120.00	-11.00	0.00068	-120.00	-13.00	0.00066
-120.00	-15.00	0.00065	-120.00	-17.00	0.00065
-120.00	-20.00	0.00064	-120.00	-25.00	0.00063
-120.00	-30.00	0.00061	-120.00	-40.00	0.00059
-120.00	-50.00	0.00056	-120.00	-60.00	0.00053
-120.00	-70.00	0.00050	-120.00	-80.00	0.00046
-120.00	-90.00	0.00043	-120.00	-100.00	0.00039
-110.00	100.00	0.00093	-110.00	90.00	0.00099
-110.00	80.00	0.00106	-110.00	70.00	0.00111
-110.00	60.00	0.00116	-110.00	50.00	0.00119
-110.00	40.00	0.00118	-110.00	30.00	0.00112
-110.00	25.00	0.00107	-110.00	20.00	0.00100
-110.00	17.00	0.00097	-110.00	15.00	0.00094
-110.00	13.00	0.00092	-110.00	11.00	0.00089
-110.00	9.00	0.00086	-110.00	-9.00	0.00055
-110.00	-11.00	0.00053	-110.00	-13.00	0.00052
-110.00	-15.00	0.00051	-110.00	-17.00	0.00050
-110.00	-20.00	0.00049	-110.00	-25.00	0.00048
-110.00	-30.00	0.00048	-110.00	-40.00	0.00046
-110.00	-50.00	0.00044	-110.00	-60.00	0.00041
-110.00	-70.00	0.00039	-110.00	-80.00	0.00037
-110.00	-90.00	0.00035	-110.00	-100.00	0.00032
-100.00	100.00	0.00078	-100.00	90.00	0.00082
-100.00	80.00	0.00085	-100.00	70.00	0.00088
-100.00	60.00	0.00090	-100.00	50.00	0.00090
-100.00	40.00	0.00087	-100.00	30.00	0.00080
-100.00	25.00	0.00077	-100.00	20.00	0.00073
-100.00	17.00	0.00071	-100.00	15.00	0.00070
-100.00	13.00	0.00069	-100.00	11.00	0.00067
-100.00	9.00	0.00066	-100.00	-9.00	0.00045
-100.00	-11.00	0.00044	-100.00	-13.00	0.00042
-100.00	-15.00	0.00041	-100.00	-17.00	0.00040
-100.00	-20.00	0.00039	-100.00	-25.00	0.00038
-100.00	-30.00	0.00038	-100.00	-40.00	0.00037
-100.00	-50.00	0.00036	-100.00	-60.00	0.00034
-100.00	-70.00	0.00032	-100.00	-80.00	0.00030
-100.00	-90.00	0.00029	-100.00	-100.00	0.00027

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:36:35

\*\*MODELOPTs:

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00065	-90.00	90.00	0.00068
-90.00	80.00	0.00069	-90.00	70.00	0.00070
-90.00	60.00	0.00070	-90.00	50.00	0.00069
-90.00	40.00	0.00065	-90.00	30.00	0.00061
-90.00	25.00	0.00059	-90.00	20.00	0.00057
-90.00	17.00	0.00056	-90.00	15.00	0.00055
-90.00	13.00	0.00054	-90.00	11.00	0.00053
-90.00	9.00	0.00052	-90.00	-9.00	0.00038
-90.00	-11.00	0.00036	-90.00	-13.00	0.00035
-90.00	-15.00	0.00034	-90.00	-17.00	0.00033
-90.00	-20.00	0.00032	-90.00	-25.00	0.00031
-90.00	-30.00	0.00031	-90.00	-40.00	0.00030
-90.00	-50.00	0.00030	-90.00	-60.00	0.00029
-90.00	-70.00	0.00027	-90.00	-80.00	0.00026
-90.00	-90.00	0.00024	-90.00	-100.00	0.00023
-80.00	100.00	0.00055	-80.00	90.00	0.00056
-80.00	80.00	0.00057	-80.00	70.00	0.00057
-80.00	60.00	0.00056	-80.00	50.00	0.00053
-80.00	40.00	0.00051	-80.00	30.00	0.00048
-80.00	25.00	0.00047	-80.00	20.00	0.00046
-80.00	17.00	0.00045	-80.00	15.00	0.00044
-80.00	13.00	0.00044	-80.00	11.00	0.00043
-80.00	9.00	0.00042	-80.00	-9.00	0.00032
-80.00	-11.00	0.00031	-80.00	-13.00	0.00030
-80.00	-15.00	0.00029	-80.00	-17.00	0.00028
-80.00	-20.00	0.00027	-80.00	-25.00	0.00026
-80.00	-30.00	0.00026	-80.00	-40.00	0.00025
-80.00	-50.00	0.00025	-80.00	-60.00	0.00024
-80.00	-70.00	0.00023	-80.00	-80.00	0.00022
-80.00	-90.00	0.00021	-80.00	-100.00	0.00020
-70.00	100.00	0.00047	-70.00	90.00	0.00047
-70.00	80.00	0.00047	-70.00	70.00	0.00046
-70.00	60.00	0.00045	-70.00	50.00	0.00043
-70.00	40.00	0.00041	-70.00	30.00	0.00039
-70.00	25.00	0.00038	-70.00	20.00	0.00038
-70.00	17.00	0.00037	-70.00	15.00	0.00037
-70.00	13.00	0.00036	-70.00	11.00	0.00036

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	9.00	0.00035	-70.00	-9.00	0.00027
-70.00	-11.00	0.00026	-70.00	-13.00	0.00026
-70.00	-15.00	0.00025	-70.00	-17.00	0.00024

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

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

17:36:35

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00023	-70.00	-25.00	0.00022
-70.00	-30.00	0.00022	-70.00	-40.00	0.00021
-70.00	-50.00	0.00021	-70.00	-60.00	0.00020
-70.00	-70.00	0.00020	-70.00	-80.00	0.00019
-70.00	-90.00	0.00019	-70.00	-100.00	0.00018
-60.00	100.00	0.00040	-60.00	90.00	0.00040
-60.00	80.00	0.00039	-60.00	70.00	0.00038
-60.00	60.00	0.00036	-60.00	50.00	0.00035
-60.00	40.00	0.00034	-60.00	30.00	0.00033
-60.00	25.00	0.00032	-60.00	20.00	0.00032
-60.00	17.00	0.00031	-60.00	15.00	0.00031
-60.00	13.00	0.00031	-60.00	11.00	0.00030
-60.00	9.00	0.00030	-60.00	-9.00	0.00024
-60.00	-11.00	0.00023	-60.00	-13.00	0.00022
-60.00	-15.00	0.00021	-60.00	-17.00	0.00021
-60.00	-20.00	0.00020	-60.00	-25.00	0.00019
-60.00	-30.00	0.00019	-60.00	-40.00	0.00018
-60.00	-50.00	0.00018	-60.00	-60.00	0.00017
-60.00	-70.00	0.00017	-60.00	-80.00	0.00017
-60.00	-90.00	0.00016	-60.00	-100.00	0.00016
-50.00	100.00	0.00034	-50.00	90.00	0.00033
-50.00	80.00	0.00033	-50.00	70.00	0.00031
-50.00	60.00	0.00030	-50.00	50.00	0.00029
-50.00	40.00	0.00029	-50.00	30.00	0.00028
-50.00	25.00	0.00027	-50.00	20.00	0.00027
-50.00	17.00	0.00027	-50.00	15.00	0.00026
-50.00	13.00	0.00026	-50.00	11.00	0.00026
-50.00	9.00	0.00025	-50.00	-9.00	0.00021
-50.00	-11.00	0.00020	-50.00	-13.00	0.00019
-50.00	-15.00	0.00019	-50.00	-17.00	0.00018
-50.00	-20.00	0.00018	-50.00	-25.00	0.00017

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-30.00	0.00016	-50.00	-40.00	0.00016
-50.00	-50.00	0.00015	-50.00	-60.00	0.00015
-50.00	-70.00	0.00015	-50.00	-80.00	0.00015
-50.00	-90.00	0.00014	-50.00	-100.00	0.00014
-40.00	100.00	0.00029	-40.00	90.00	0.00028
-40.00	80.00	0.00027	-40.00	70.00	0.00027
-40.00	60.00	0.00026	-40.00	50.00	0.00025
-40.00	40.00	0.00024	-40.00	30.00	0.00024
-40.00	25.00	0.00024	-40.00	20.00	0.00023

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

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

17:36:35

\*\*MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

\*\*

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

17:36:35

\*\*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	0.00019	-10.00	90.00	0.00018
-10.00	80.00	0.00018	-10.00	70.00	0.00017
-10.00	60.00	0.00017	-10.00	50.00	0.00017
-10.00	40.00	0.00016	-10.00	30.00	0.00016
-10.00	25.00	0.00016	-10.00	20.00	0.00016
-10.00	17.00	0.00016	-10.00	15.00	0.00015
-10.00	13.00	0.00015	-10.00	11.00	0.00015
-10.00	9.00	0.00015	-10.00	-9.00	0.00013
-10.00	-11.00	0.00013	-10.00	-13.00	0.00012
-10.00	-15.00	0.00012	-10.00	-17.00	0.00012
-10.00	-20.00	0.00011	-10.00	-25.00	0.00011
-10.00	-30.00	0.00010	-10.00	-40.00	0.00010
-10.00	-50.00	0.00009	-10.00	-60.00	0.00009
-10.00	-70.00	0.00009	-10.00	-80.00	0.00009
-10.00	-90.00	0.00009	-10.00	-100.00	0.00009
0.00	100.00	0.00016	0.00	90.00	0.00016
0.00	80.00	0.00016	0.00	70.00	0.00015
0.00	60.00	0.00015	0.00	50.00	0.00015
0.00	40.00	0.00015	0.00	30.00	0.00014

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

17:36:35  
 \*\*MODELOPTs:  
 PAGE 113  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00009	10.00	-25.00	0.00009
10.00	-30.00	0.00009	10.00	-40.00	0.00008
10.00	-50.00	0.00008	10.00	-60.00	0.00008
10.00	-70.00	0.00008	10.00	-80.00	0.00007
10.00	-90.00	0.00007	10.00	-100.00	0.00007
20.00	100.00	0.00013	20.00	90.00	0.00013
20.00	80.00	0.00013	20.00	70.00	0.00012
20.00	60.00	0.00012	20.00	50.00	0.00012
20.00	40.00	0.00012	20.00	30.00	0.00012
20.00	25.00	0.00012	20.00	20.00	0.00011
20.00	17.00	0.00011	20.00	15.00	0.00011
20.00	13.00	0.00011	20.00	11.00	0.00011
20.00	9.00	0.00011	20.00	-9.00	0.00010

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

17:36:35  
 \*\*MODELOPTs:  
 PAGE 114  
 CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00009	40.00	15.00	0.00009
40.00	13.00	0.00009	40.00	11.00	0.00009
40.00	9.00	0.00009	40.00	-9.00	0.00008
40.00	-11.00	0.00008	40.00	-13.00	0.00008
40.00	-15.00	0.00008	40.00	-17.00	0.00008
40.00	-20.00	0.00007	40.00	-25.00	0.00007
40.00	-30.00	0.00007	40.00	-40.00	0.00006



10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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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	0.00008	70.00	90.00	0.00008

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S): NCRA\_S5 ,

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
90.00	-20.00	0.00005	90.00	-25.00	0.00005	
90.00	-30.00	0.00005	90.00	-40.00	0.00004	
90.00	-50.00	0.00004	90.00	-60.00	0.00004	
90.00	-70.00	0.00004	90.00	-80.00	0.00004	
90.00	-90.00	0.00004	90.00	-100.00	0.00004	
100.00	100.00	0.00007	100.00	90.00	0.00006	
100.00	80.00	0.00006	100.00	70.00	0.00006	
100.00	60.00	0.00006	100.00	50.00	0.00006	
100.00	40.00	0.00006	100.00	30.00	0.00006	
100.00	25.00	0.00006	100.00	20.00	0.00006	
100.00	17.00	0.00006	100.00	15.00	0.00006	
100.00	13.00	0.00006	100.00	11.00	0.00006	
100.00	9.00	0.00006	100.00	-9.00	0.00005	
100.00	-11.00	0.00005	100.00	-13.00	0.00005	
100.00	-15.00	0.00005	100.00	-17.00	0.00005	
100.00	-20.00	0.00005	100.00	-25.00	0.00005	
100.00	-30.00	0.00005	100.00	-40.00	0.00004	
100.00	-50.00	0.00004	100.00	-60.00	0.00004	
100.00	-70.00	0.00004	100.00	-80.00	0.00004	
100.00	-90.00	0.00004	100.00	-100.00	0.00004	
110.00	100.00	0.00006	110.00	90.00	0.00006	
110.00	80.00	0.00006	110.00	70.00	0.00006	
110.00	60.00	0.00006	110.00	50.00	0.00006	
110.00	40.00	0.00006	110.00	30.00	0.00006	
110.00	25.00	0.00006	110.00	20.00	0.00005	
110.00	17.00	0.00005	110.00	15.00	0.00005	
110.00	13.00	0.00005	110.00	11.00	0.00005	
110.00	9.00	0.00005	110.00	-9.00	0.00005	
110.00	-11.00	0.00005	110.00	-13.00	0.00005	
110.00	-15.00	0.00005	110.00	-17.00	0.00005	
110.00	-20.00	0.00005	110.00	-25.00	0.00004	
110.00	-30.00	0.00004	110.00	-40.00	0.00004	
110.00	-50.00	0.00004	110.00	-60.00	0.00004	
110.00	-70.00	0.00004	110.00	-80.00	0.00003	
110.00	-90.00	0.00003	110.00	-100.00	0.00003	
120.00	100.00	0.00006	120.00	90.00	0.00006	
120.00	80.00	0.00006	120.00	70.00	0.00006	
120.00	60.00	0.00005	120.00	50.00	0.00005	
120.00	40.00	0.00005	120.00	30.00	0.00005	

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

120.00 25.00 0.00005 120.00 20.00 0.00005

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

17:36:35

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

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

INCLUDING SOURCE(S) :            NCRA\_S5 ,

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

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

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

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

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

17:36:35  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

17:36:35

\*\*MODELOPTs:  
 PAGE 121

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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



10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

17:36:35

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

17:36:35  
 \*\*MODELOPTs:  
 PAGE 123  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00103	-250.00	90.00	0.00107
-250.00	80.00	0.00111	-250.00	70.00	0.00115
-250.00	60.00	0.00119	-250.00	50.00	0.00124
-250.00	40.00	0.00130	-250.00	30.00	0.00139
-250.00	25.00	0.00145	-250.00	20.00	0.00153
-250.00	17.00	0.00159	-250.00	15.00	0.00163
-250.00	13.00	0.00167	-250.00	11.00	0.00173
-250.00	9.00	0.00179	-250.00	-9.00	0.00267
-250.00	-11.00	0.00281	-250.00	-13.00	0.00294
-250.00	-15.00	0.00306	-250.00	-17.00	0.00316
-250.00	-20.00	0.00328	-250.00	-25.00	0.00339
-250.00	-30.00	0.00342	-250.00	-40.00	0.00336
-250.00	-50.00	0.00321	-250.00	-60.00	0.00302
-250.00	-70.00	0.00283	-250.00	-80.00	0.00264
-250.00	-90.00	0.00246	-250.00	-100.00	0.00230
-240.00	100.00	0.00127	-240.00	90.00	0.00134
-240.00	80.00	0.00142	-240.00	70.00	0.00149
-240.00	60.00	0.00156	-240.00	50.00	0.00162
-240.00	40.00	0.00166	-240.00	30.00	0.00169
-240.00	25.00	0.00173	-240.00	20.00	0.00178
-240.00	17.00	0.00183	-240.00	15.00	0.00188
-240.00	13.00	0.00193	-240.00	11.00	0.00198
-240.00	9.00	0.00205	-240.00	-9.00	0.00343
-240.00	-11.00	0.00360	-240.00	-13.00	0.00374
-240.00	-15.00	0.00385	-240.00	-17.00	0.00392
-240.00	-20.00	0.00399	-240.00	-25.00	0.00404
-240.00	-30.00	0.00401	-240.00	-40.00	0.00385
-240.00	-50.00	0.00361	-240.00	-60.00	0.00335
-240.00	-70.00	0.00309	-240.00	-80.00	0.00286
-240.00	-90.00	0.00264	-240.00	-100.00	0.00245
-230.00	100.00	0.00154	-230.00	90.00	0.00166
-230.00	80.00	0.00180	-230.00	70.00	0.00195

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-230.00	60.00	0.00212	-230.00	50.00	0.00229
-230.00	40.00	0.00246	-230.00	30.00	0.00257
-230.00	25.00	0.00258	-230.00	20.00	0.00256
-230.00	17.00	0.00253	-230.00	15.00	0.00251
-230.00	13.00	0.00250	-230.00	11.00	0.00250
-230.00	9.00	0.00253	-230.00	-9.00	0.00459
-230.00	-11.00	0.00468	-230.00	-13.00	0.00475
-230.00	-15.00	0.00478	-230.00	-17.00	0.00481

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

17:36:35  
 \*\*MODELOPTs:  
 PAGE 124  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00481	-230.00	-25.00	0.00475
-230.00	-30.00	0.00464	-230.00	-40.00	0.00434
-230.00	-50.00	0.00399	-230.00	-60.00	0.00365
-230.00	-70.00	0.00334	-230.00	-80.00	0.00306
-230.00	-90.00	0.00281	-230.00	-100.00	0.00259
-220.00	100.00	0.00181	-220.00	90.00	0.00198
-220.00	80.00	0.00219	-220.00	70.00	0.00243
-220.00	60.00	0.00272	-220.00	50.00	0.00306
-220.00	40.00	0.00346	-220.00	30.00	0.00392
-220.00	25.00	0.00417	-220.00	20.00	0.00443
-220.00	17.00	0.00458	-220.00	15.00	0.00468
-220.00	13.00	0.00479	-220.00	11.00	0.00492
-220.00	9.00	0.00508	-220.00	-9.00	0.00573
-220.00	-11.00	0.00568	-220.00	-13.00	0.00564
-220.00	-15.00	0.00561	-220.00	-17.00	0.00557
-220.00	-20.00	0.00550	-220.00	-25.00	0.00535
-220.00	-30.00	0.00516	-220.00	-40.00	0.00475
-220.00	-50.00	0.00432	-220.00	-60.00	0.00391
-220.00	-70.00	0.00355	-220.00	-80.00	0.00323
-220.00	-90.00	0.00295	-220.00	-100.00	0.00271
-210.00	100.00	0.00205	-210.00	90.00	0.00227
-210.00	80.00	0.00253	-210.00	70.00	0.00285
-210.00	60.00	0.00323	-210.00	50.00	0.00369
-210.00	40.00	0.00424	-210.00	30.00	0.00488
-210.00	25.00	0.00521	-210.00	20.00	0.00553
-210.00	17.00	0.00571	-210.00	15.00	0.00581

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	13.00	0.00589	-210.00	11.00	0.00597
-210.00	9.00	0.00605	-210.00	-9.00	0.00601
-210.00	-11.00	0.00596	-210.00	-13.00	0.00593
-210.00	-15.00	0.00590	-210.00	-17.00	0.00586
-210.00	-20.00	0.00579	-210.00	-25.00	0.00563
-210.00	-30.00	0.00545	-210.00	-40.00	0.00501
-210.00	-50.00	0.00455	-210.00	-60.00	0.00411
-210.00	-70.00	0.00372	-210.00	-80.00	0.00337
-210.00	-90.00	0.00307	-210.00	-100.00	0.00281
-200.00	100.00	0.00227	-200.00	90.00	0.00252
-200.00	80.00	0.00282	-200.00	70.00	0.00319
-200.00	60.00	0.00362	-200.00	50.00	0.00415
-200.00	40.00	0.00476	-200.00	30.00	0.00544
-200.00	25.00	0.00578	-200.00	20.00	0.00608

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

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

17:36:35

\*\*MODELOPTs:

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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	0.00622	-200.00	15.00	0.00629
-200.00	13.00	0.00635	-200.00	11.00	0.00639
-200.00	9.00	0.00643	-200.00	-9.00	0.00618
-200.00	-11.00	0.00613	-200.00	-13.00	0.00609
-200.00	-15.00	0.00606	-200.00	-17.00	0.00602
-200.00	-20.00	0.00595	-200.00	-25.00	0.00579
-200.00	-30.00	0.00560	-200.00	-40.00	0.00515
-200.00	-50.00	0.00468	-200.00	-60.00	0.00424
-200.00	-70.00	0.00383	-200.00	-80.00	0.00347
-200.00	-90.00	0.00316	-200.00	-100.00	0.00289
-190.00	100.00	0.00245	-190.00	90.00	0.00273
-190.00	80.00	0.00306	-190.00	70.00	0.00345
-190.00	60.00	0.00392	-190.00	50.00	0.00446
-190.00	40.00	0.00510	-190.00	30.00	0.00578
-190.00	25.00	0.00611	-190.00	20.00	0.00638
-190.00	17.00	0.00650	-190.00	15.00	0.00656
-190.00	13.00	0.00660	-190.00	11.00	0.00663
-190.00	9.00	0.00666	-190.00	-9.00	0.00629
-190.00	-11.00	0.00624	-190.00	-13.00	0.00620
-190.00	-15.00	0.00617	-190.00	-17.00	0.00613

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	-20.00	0.00606	-190.00	-25.00	0.00591
-190.00	-30.00	0.00571	-190.00	-40.00	0.00525
-190.00	-50.00	0.00477	-190.00	-60.00	0.00432
-190.00	-70.00	0.00391	-190.00	-80.00	0.00355
-190.00	-90.00	0.00323	-190.00	-100.00	0.00295
-180.00	100.00	0.00261	-180.00	90.00	0.00290
-180.00	80.00	0.00324	-180.00	70.00	0.00365
-180.00	60.00	0.00413	-180.00	50.00	0.00470
-180.00	40.00	0.00534	-180.00	30.00	0.00600
-180.00	25.00	0.00631	-180.00	20.00	0.00656
-180.00	17.00	0.00667	-180.00	15.00	0.00673
-180.00	13.00	0.00676	-180.00	11.00	0.00679
-180.00	9.00	0.00681	-180.00	-9.00	0.00638
-180.00	-11.00	0.00633	-180.00	-13.00	0.00629
-180.00	-15.00	0.00625	-180.00	-17.00	0.00621
-180.00	-20.00	0.00614	-180.00	-25.00	0.00599
-180.00	-30.00	0.00579	-180.00	-40.00	0.00533
-180.00	-50.00	0.00484	-180.00	-60.00	0.00438
-180.00	-70.00	0.00396	-180.00	-80.00	0.00360
-180.00	-90.00	0.00327	-180.00	-100.00	0.00299

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

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 \*\*MODELOPTS:  
 PAGE 126  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00273	-170.00	90.00	0.00303
-170.00	80.00	0.00339	-170.00	70.00	0.00381
-170.00	60.00	0.00430	-170.00	50.00	0.00487
-170.00	40.00	0.00550	-170.00	30.00	0.00614
-170.00	25.00	0.00644	-170.00	20.00	0.00669
-170.00	17.00	0.00680	-170.00	15.00	0.00685
-170.00	13.00	0.00688	-170.00	11.00	0.00690
-170.00	9.00	0.00692	-170.00	-9.00	0.00645
-170.00	-11.00	0.00639	-170.00	-13.00	0.00635
-170.00	-15.00	0.00631	-170.00	-17.00	0.00627
-170.00	-20.00	0.00620	-170.00	-25.00	0.00604
-170.00	-30.00	0.00585	-170.00	-40.00	0.00539
-170.00	-50.00	0.00490	-170.00	-60.00	0.00443
-170.00	-70.00	0.00401	-170.00	-80.00	0.00363

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-90.00	0.00331	-170.00	-100.00	0.00302
-160.00	100.00	0.00283	-160.00	90.00	0.00314
-160.00	80.00	0.00350	-160.00	70.00	0.00393
-160.00	60.00	0.00443	-160.00	50.00	0.00499
-160.00	40.00	0.00561	-160.00	30.00	0.00624
-160.00	25.00	0.00654	-160.00	20.00	0.00679
-160.00	17.00	0.00689	-160.00	15.00	0.00694
-160.00	13.00	0.00697	-160.00	11.00	0.00699
-160.00	9.00	0.00701	-160.00	-9.00	0.00651
-160.00	-11.00	0.00644	-160.00	-13.00	0.00640
-160.00	-15.00	0.00636	-160.00	-17.00	0.00632
-160.00	-20.00	0.00625	-160.00	-25.00	0.00609
-160.00	-30.00	0.00589	-160.00	-40.00	0.00543
-160.00	-50.00	0.00494	-160.00	-60.00	0.00447
-160.00	-70.00	0.00404	-160.00	-80.00	0.00366
-160.00	-90.00	0.00333	-160.00	-100.00	0.00305
-150.00	100.00	0.00292	-150.00	90.00	0.00323
-150.00	80.00	0.00360	-150.00	70.00	0.00403
-150.00	60.00	0.00452	-150.00	50.00	0.00508
-150.00	40.00	0.00569	-150.00	30.00	0.00632
-150.00	25.00	0.00661	-150.00	20.00	0.00686
-150.00	17.00	0.00696	-150.00	15.00	0.00701
-150.00	13.00	0.00704	-150.00	11.00	0.00706
-150.00	9.00	0.00707	-150.00	-9.00	0.00656
-150.00	-11.00	0.00649	-150.00	-13.00	0.00644
-150.00	-15.00	0.00640	-150.00	-17.00	0.00636

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

17:36:35  
 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00628	-150.00	-25.00	0.00612
-150.00	-30.00	0.00592	-150.00	-40.00	0.00546
-150.00	-50.00	0.00497	-150.00	-60.00	0.00450
-150.00	-70.00	0.00407	-150.00	-80.00	0.00369
-150.00	-90.00	0.00336	-150.00	-100.00	0.00306
-140.00	100.00	0.00299	-140.00	90.00	0.00331
-140.00	80.00	0.00368	-140.00	70.00	0.00410
-140.00	60.00	0.00459	-140.00	50.00	0.00515

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-140.00	40.00	0.00575	-140.00	30.00	0.00638
-140.00	25.00	0.00667	-140.00	20.00	0.00691
-140.00	17.00	0.00701	-140.00	15.00	0.00706
-140.00	13.00	0.00709	-140.00	11.00	0.00711
-140.00	9.00	0.00714	-140.00	-9.00	0.00660
-140.00	-11.00	0.00653	-140.00	-13.00	0.00647
-140.00	-15.00	0.00643	-140.00	-17.00	0.00639
-140.00	-20.00	0.00631	-140.00	-25.00	0.00615
-140.00	-30.00	0.00595	-140.00	-40.00	0.00548
-140.00	-50.00	0.00499	-140.00	-60.00	0.00452
-140.00	-70.00	0.00409	-140.00	-80.00	0.00371
-140.00	-90.00	0.00337	-140.00	-100.00	0.00308
-130.00	100.00	0.00305	-130.00	90.00	0.00337
-130.00	80.00	0.00374	-130.00	70.00	0.00416
-130.00	60.00	0.00465	-130.00	50.00	0.00520
-130.00	40.00	0.00580	-130.00	30.00	0.00642
-130.00	25.00	0.00671	-130.00	20.00	0.00695
-130.00	17.00	0.00706	-130.00	15.00	0.00710
-130.00	13.00	0.00713	-130.00	11.00	0.00715
-130.00	9.00	0.00718	-130.00	-9.00	0.00662
-130.00	-11.00	0.00655	-130.00	-13.00	0.00650
-130.00	-15.00	0.00646	-130.00	-17.00	0.00641
-130.00	-20.00	0.00633	-130.00	-25.00	0.00617
-130.00	-30.00	0.00597	-130.00	-40.00	0.00550
-130.00	-50.00	0.00501	-130.00	-60.00	0.00454
-130.00	-70.00	0.00411	-130.00	-80.00	0.00372
-130.00	-90.00	0.00339	-130.00	-100.00	0.00309
-120.00	100.00	0.00310	-120.00	90.00	0.00342
-120.00	80.00	0.00379	-120.00	70.00	0.00421
-120.00	60.00	0.00469	-120.00	50.00	0.00524
-120.00	40.00	0.00584	-120.00	30.00	0.00646
-120.00	25.00	0.00675	-120.00	20.00	0.00699

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

17:36:35  
 \*\*MODELOPTS:  
 PAGE 128  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00709	-120.00	15.00	0.00714
-120.00	13.00	0.00716	-120.00	11.00	0.00718

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-120.00	9.00	0.00720	-120.00	-9.00	0.00664
-120.00	-11.00	0.00657	-120.00	-13.00	0.00652
-120.00	-15.00	0.00647	-120.00	-17.00	0.00643
-120.00	-20.00	0.00635	-120.00	-25.00	0.00618
-120.00	-30.00	0.00598	-120.00	-40.00	0.00552
-120.00	-50.00	0.00502	-120.00	-60.00	0.00455
-120.00	-70.00	0.00412	-120.00	-80.00	0.00373
-120.00	-90.00	0.00339	-120.00	-100.00	0.00310
-110.00	100.00	0.00314	-110.00	90.00	0.00346
-110.00	80.00	0.00383	-110.00	70.00	0.00424
-110.00	60.00	0.00472	-110.00	50.00	0.00527
-110.00	40.00	0.00587	-110.00	30.00	0.00649
-110.00	25.00	0.00678	-110.00	20.00	0.00701
-110.00	17.00	0.00712	-110.00	15.00	0.00716
-110.00	13.00	0.00719	-110.00	11.00	0.00720
-110.00	9.00	0.00722	-110.00	-9.00	0.00665
-110.00	-11.00	0.00658	-110.00	-13.00	0.00653
-110.00	-15.00	0.00649	-110.00	-17.00	0.00644
-110.00	-20.00	0.00636	-110.00	-25.00	0.00619
-110.00	-30.00	0.00599	-110.00	-40.00	0.00553
-110.00	-50.00	0.00503	-110.00	-60.00	0.00456
-110.00	-70.00	0.00412	-110.00	-80.00	0.00374
-110.00	-90.00	0.00340	-110.00	-100.00	0.00310
-100.00	100.00	0.00318	-100.00	90.00	0.00349
-100.00	80.00	0.00386	-100.00	70.00	0.00427
-100.00	60.00	0.00475	-100.00	50.00	0.00530
-100.00	40.00	0.00589	-100.00	30.00	0.00651
-100.00	25.00	0.00680	-100.00	20.00	0.00704
-100.00	17.00	0.00714	-100.00	15.00	0.00718
-100.00	13.00	0.00721	-100.00	11.00	0.00722
-100.00	9.00	0.00724	-100.00	-9.00	0.00666
-100.00	-11.00	0.00659	-100.00	-13.00	0.00654
-100.00	-15.00	0.00650	-100.00	-17.00	0.00645
-100.00	-20.00	0.00637	-100.00	-25.00	0.00620
-100.00	-30.00	0.00600	-100.00	-40.00	0.00553
-100.00	-50.00	0.00503	-100.00	-60.00	0.00456
-100.00	-70.00	0.00413	-100.00	-80.00	0.00374
-100.00	-90.00	0.00340	-100.00	-100.00	0.00310

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

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

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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



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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00320	-90.00	90.00	0.00352
-90.00	80.00	0.00388	-90.00	70.00	0.00429
-90.00	60.00	0.00477	-90.00	50.00	0.00532
-90.00	40.00	0.00591	-90.00	30.00	0.00653
-90.00	25.00	0.00682	-90.00	20.00	0.00705
-90.00	17.00	0.00715	-90.00	15.00	0.00720
-90.00	13.00	0.00722	-90.00	11.00	0.00724
-90.00	9.00	0.00726	-90.00	-9.00	0.00667
-90.00	-11.00	0.00660	-90.00	-13.00	0.00655
-90.00	-15.00	0.00650	-90.00	-17.00	0.00646
-90.00	-20.00	0.00638	-90.00	-25.00	0.00621
-90.00	-30.00	0.00600	-90.00	-40.00	0.00553
-90.00	-50.00	0.00504	-90.00	-60.00	0.00456
-90.00	-70.00	0.00413	-90.00	-80.00	0.00374
-90.00	-90.00	0.00340	-90.00	-100.00	0.00310
-80.00	100.00	0.00322	-80.00	90.00	0.00354
-80.00	80.00	0.00390	-80.00	70.00	0.00431
-80.00	60.00	0.00479	-80.00	50.00	0.00533
-80.00	40.00	0.00593	-80.00	30.00	0.00654
-80.00	25.00	0.00683	-80.00	20.00	0.00706
-80.00	17.00	0.00717	-80.00	15.00	0.00721
-80.00	13.00	0.00724	-80.00	11.00	0.00725
-80.00	9.00	0.00726	-80.00	-9.00	0.00668
-80.00	-11.00	0.00661	-80.00	-13.00	0.00656
-80.00	-15.00	0.00651	-80.00	-17.00	0.00646
-80.00	-20.00	0.00638	-80.00	-25.00	0.00621
-80.00	-30.00	0.00601	-80.00	-40.00	0.00553
-80.00	-50.00	0.00504	-80.00	-60.00	0.00456
-80.00	-70.00	0.00412	-80.00	-80.00	0.00374
-80.00	-90.00	0.00339	-80.00	-100.00	0.00309
-70.00	100.00	0.00324	-70.00	90.00	0.00355
-70.00	80.00	0.00391	-70.00	70.00	0.00433
-70.00	60.00	0.00480	-70.00	50.00	0.00534
-70.00	40.00	0.00594	-70.00	30.00	0.00655
-70.00	25.00	0.00684	-70.00	20.00	0.00707
-70.00	17.00	0.00718	-70.00	15.00	0.00722
-70.00	13.00	0.00724	-70.00	11.00	0.00726
-70.00	9.00	0.00727	-70.00	-9.00	0.00669
-70.00	-11.00	0.00661	-70.00	-13.00	0.00656
-70.00	-15.00	0.00651	-70.00	-17.00	0.00646

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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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
-70.00	-20.00	0.00638	-70.00	-25.00	0.00621
-70.00	-30.00	0.00600	-70.00	-40.00	0.00553
-70.00	-50.00	0.00503	-70.00	-60.00	0.00455
-70.00	-70.00	0.00412	-70.00	-80.00	0.00373
-70.00	-90.00	0.00339	-70.00	-100.00	0.00308
-60.00	100.00	0.00325	-60.00	90.00	0.00357
-60.00	80.00	0.00392	-60.00	70.00	0.00434
-60.00	60.00	0.00481	-60.00	50.00	0.00535
-60.00	40.00	0.00595	-60.00	30.00	0.00656
-60.00	25.00	0.00685	-60.00	20.00	0.00708
-60.00	17.00	0.00718	-60.00	15.00	0.00723
-60.00	13.00	0.00725	-60.00	11.00	0.00727
-60.00	9.00	0.00728	-60.00	-9.00	0.00669
-60.00	-11.00	0.00662	-60.00	-13.00	0.00656
-60.00	-15.00	0.00651	-60.00	-17.00	0.00646
-60.00	-20.00	0.00638	-60.00	-25.00	0.00621
-60.00	-30.00	0.00600	-60.00	-40.00	0.00552
-60.00	-50.00	0.00503	-60.00	-60.00	0.00455
-60.00	-70.00	0.00411	-60.00	-80.00	0.00372
-60.00	-90.00	0.00338	-60.00	-100.00	0.00307
-50.00	100.00	0.00327	-50.00	90.00	0.00358
-50.00	80.00	0.00393	-50.00	70.00	0.00435
-50.00	60.00	0.00482	-50.00	50.00	0.00536
-50.00	40.00	0.00595	-50.00	30.00	0.00656
-50.00	25.00	0.00685	-50.00	20.00	0.00709
-50.00	17.00	0.00718	-50.00	15.00	0.00723
-50.00	13.00	0.00725	-50.00	11.00	0.00727
-50.00	9.00	0.00729	-50.00	-9.00	0.00669
-50.00	-11.00	0.00662	-50.00	-13.00	0.00656
-50.00	-15.00	0.00651	-50.00	-17.00	0.00646
-50.00	-20.00	0.00637	-50.00	-25.00	0.00620
-50.00	-30.00	0.00599	-50.00	-40.00	0.00552
-50.00	-50.00	0.00502	-50.00	-60.00	0.00454
-50.00	-70.00	0.00410	-50.00	-80.00	0.00371

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-90.00	0.00336	-50.00	-100.00	0.00306
-40.00	100.00	0.00327	-40.00	90.00	0.00358
-40.00	80.00	0.00394	-40.00	70.00	0.00435
-40.00	60.00	0.00483	-40.00	50.00	0.00536
-40.00	40.00	0.00596	-40.00	30.00	0.00657
-40.00	25.00	0.00685	-40.00	20.00	0.00709

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

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

17:36:35

\*\*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	0.00719	-40.00	15.00	0.00723
-40.00	13.00	0.00725	-40.00	11.00	0.00727
-40.00	9.00	0.00729	-40.00	-9.00	0.00669
-40.00	-11.00	0.00661	-40.00	-13.00	0.00655
-40.00	-15.00	0.00651	-40.00	-17.00	0.00645
-40.00	-20.00	0.00637	-40.00	-25.00	0.00619
-40.00	-30.00	0.00599	-40.00	-40.00	0.00551
-40.00	-50.00	0.00501	-40.00	-60.00	0.00452
-40.00	-70.00	0.00409	-40.00	-80.00	0.00369
-40.00	-90.00	0.00335	-40.00	-100.00	0.00304
-30.00	100.00	0.00328	-30.00	90.00	0.00359
-30.00	80.00	0.00395	-30.00	70.00	0.00436
-30.00	60.00	0.00483	-30.00	50.00	0.00537
-30.00	40.00	0.00596	-30.00	30.00	0.00657
-30.00	25.00	0.00685	-30.00	20.00	0.00708
-30.00	17.00	0.00718	-30.00	15.00	0.00723
-30.00	13.00	0.00725	-30.00	11.00	0.00726
-30.00	9.00	0.00728	-30.00	-9.00	0.00667
-30.00	-11.00	0.00660	-30.00	-13.00	0.00655
-30.00	-15.00	0.00650	-30.00	-17.00	0.00645
-30.00	-20.00	0.00636	-30.00	-25.00	0.00619
-30.00	-30.00	0.00598	-30.00	-40.00	0.00550
-30.00	-50.00	0.00499	-30.00	-60.00	0.00451
-30.00	-70.00	0.00407	-30.00	-80.00	0.00368
-30.00	-90.00	0.00333	-30.00	-100.00	0.00302
-20.00	100.00	0.00328	-20.00	90.00	0.00359
-20.00	80.00	0.00395	-20.00	70.00	0.00436
-20.00	60.00	0.00483	-20.00	50.00	0.00537

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

-20.00	40.00	0.00596	-20.00	30.00	0.00657
-20.00	25.00	0.00685	-20.00	20.00	0.00708
-20.00	17.00	0.00718	-20.00	15.00	0.00722
-20.00	13.00	0.00725	-20.00	11.00	0.00726
-20.00	9.00	0.00727	-20.00	-9.00	0.00667
-20.00	-11.00	0.00659	-20.00	-13.00	0.00654
-20.00	-15.00	0.00649	-20.00	-17.00	0.00644
-20.00	-20.00	0.00635	-20.00	-25.00	0.00617
-20.00	-30.00	0.00597	-20.00	-40.00	0.00548
-20.00	-50.00	0.00498	-20.00	-60.00	0.00449
-20.00	-70.00	0.00405	-20.00	-80.00	0.00366
-20.00	-90.00	0.00331	-20.00	-100.00	0.00300

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

17:36:35

\*\*MODELOPTs:  
 PAGE 132

CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00328	-10.00	90.00	0.00359
-10.00	80.00	0.00395	-10.00	70.00	0.00436
-10.00	60.00	0.00483	-10.00	50.00	0.00536
-10.00	40.00	0.00595	-10.00	30.00	0.00656
-10.00	25.00	0.00684	-10.00	20.00	0.00707
-10.00	17.00	0.00717	-10.00	15.00	0.00721
-10.00	13.00	0.00724	-10.00	11.00	0.00725
-10.00	9.00	0.00726	-10.00	-9.00	0.00665
-10.00	-11.00	0.00658	-10.00	-13.00	0.00653
-10.00	-15.00	0.00648	-10.00	-17.00	0.00642
-10.00	-20.00	0.00634	-10.00	-25.00	0.00616
-10.00	-30.00	0.00595	-10.00	-40.00	0.00547
-10.00	-50.00	0.00496	-10.00	-60.00	0.00447
-10.00	-70.00	0.00403	-10.00	-80.00	0.00363
-10.00	-90.00	0.00328	-10.00	-100.00	0.00297
0.00	100.00	0.00328	0.00	90.00	0.00359
0.00	80.00	0.00395	0.00	70.00	0.00436
0.00	60.00	0.00483	0.00	50.00	0.00536
0.00	40.00	0.00595	0.00	30.00	0.00655
0.00	25.00	0.00683	0.00	20.00	0.00706
0.00	17.00	0.00716	0.00	15.00	0.00720
0.00	13.00	0.00723	0.00	11.00	0.00724

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	9.00	0.00725	0.00	-9.00	0.00664
0.00	-11.00	0.00657	0.00	-13.00	0.00651
0.00	-15.00	0.00646	0.00	-17.00	0.00641
0.00	-20.00	0.00632	0.00	-25.00	0.00615
0.00	-30.00	0.00593	0.00	-40.00	0.00545
0.00	-50.00	0.00494	0.00	-60.00	0.00445
0.00	-70.00	0.00400	0.00	-80.00	0.00361
0.00	-90.00	0.00325	0.00	-100.00	0.00294
10.00	100.00	0.00328	10.00	90.00	0.00359
10.00	80.00	0.00394	10.00	70.00	0.00435
10.00	60.00	0.00482	10.00	50.00	0.00535
10.00	40.00	0.00594	10.00	30.00	0.00655
10.00	25.00	0.00683	10.00	20.00	0.00705
10.00	17.00	0.00715	10.00	15.00	0.00719
10.00	13.00	0.00722	10.00	11.00	0.00723
10.00	9.00	0.00724	10.00	-9.00	0.00663
10.00	-11.00	0.00655	10.00	-13.00	0.00650
10.00	-15.00	0.00645	10.00	-17.00	0.00639

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

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

17:36:35

\*\*MODELOPTs:

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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	-20.00	0.00631	10.00	-25.00	0.00613
10.00	-30.00	0.00591	10.00	-40.00	0.00542
10.00	-50.00	0.00491	10.00	-60.00	0.00442
10.00	-70.00	0.00398	10.00	-80.00	0.00358
10.00	-90.00	0.00322	10.00	-100.00	0.00291
20.00	100.00	0.00328	20.00	90.00	0.00359
20.00	80.00	0.00394	20.00	70.00	0.00435
20.00	60.00	0.00482	20.00	50.00	0.00535
20.00	40.00	0.00593	20.00	30.00	0.00654
20.00	25.00	0.00681	20.00	20.00	0.00704
20.00	17.00	0.00714	20.00	15.00	0.00718
20.00	13.00	0.00720	20.00	11.00	0.00721
20.00	9.00	0.00723	20.00	-9.00	0.00661
20.00	-11.00	0.00653	20.00	-13.00	0.00648
20.00	-15.00	0.00643	20.00	-17.00	0.00637
20.00	-20.00	0.00629	20.00	-25.00	0.00610

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	-30.00	0.00589	20.00	-40.00	0.00540
20.00	-50.00	0.00488	20.00	-60.00	0.00439
20.00	-70.00	0.00394	20.00	-80.00	0.00354
20.00	-90.00	0.00318	20.00	-100.00	0.00287
30.00	100.00	0.00327	30.00	90.00	0.00358
30.00	80.00	0.00393	30.00	70.00	0.00434
30.00	60.00	0.00481	30.00	50.00	0.00534
30.00	40.00	0.00592	30.00	30.00	0.00652
30.00	25.00	0.00680	30.00	20.00	0.00703
30.00	17.00	0.00713	30.00	15.00	0.00717
30.00	13.00	0.00719	30.00	11.00	0.00720
30.00	9.00	0.00721	30.00	-9.00	0.00660
30.00	-11.00	0.00652	30.00	-13.00	0.00646
30.00	-15.00	0.00641	30.00	-17.00	0.00635
30.00	-20.00	0.00626	30.00	-25.00	0.00608
30.00	-30.00	0.00586	30.00	-40.00	0.00537
30.00	-50.00	0.00485	30.00	-60.00	0.00436
30.00	-70.00	0.00391	30.00	-80.00	0.00350
30.00	-90.00	0.00314	30.00	-100.00	0.00283
40.00	100.00	0.00327	40.00	90.00	0.00357
40.00	80.00	0.00392	40.00	70.00	0.00433
40.00	60.00	0.00480	40.00	50.00	0.00533
40.00	40.00	0.00591	40.00	30.00	0.00651
40.00	25.00	0.00679	40.00	20.00	0.00701

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

17:36:35  
 \*\*MODELOPTs:  
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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	0.00710	40.00	15.00	0.00715
40.00	13.00	0.00717	40.00	11.00	0.00719
40.00	9.00	0.00720	40.00	-9.00	0.00657
40.00	-11.00	0.00649	40.00	-13.00	0.00643
40.00	-15.00	0.00638	40.00	-17.00	0.00632
40.00	-20.00	0.00623	40.00	-25.00	0.00605
40.00	-30.00	0.00583	40.00	-40.00	0.00534
40.00	-50.00	0.00482	40.00	-60.00	0.00432
40.00	-70.00	0.00386	40.00	-80.00	0.00346
40.00	-90.00	0.00310	40.00	-100.00	0.00278

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

50.00	100.00	0.00326	50.00	90.00	0.00356
50.00	80.00	0.00391	50.00	70.00	0.00432
50.00	60.00	0.00478	50.00	50.00	0.00531
50.00	40.00	0.00589	50.00	30.00	0.00649
50.00	25.00	0.00676	50.00	20.00	0.00699
50.00	17.00	0.00709	50.00	15.00	0.00713
50.00	13.00	0.00715	50.00	11.00	0.00716
50.00	9.00	0.00718	50.00	-9.00	0.00654
50.00	-11.00	0.00646	50.00	-13.00	0.00640
50.00	-15.00	0.00635	50.00	-17.00	0.00629
50.00	-20.00	0.00620	50.00	-25.00	0.00602
50.00	-30.00	0.00580	50.00	-40.00	0.00530
50.00	-50.00	0.00477	50.00	-60.00	0.00427
50.00	-70.00	0.00381	50.00	-80.00	0.00340
50.00	-90.00	0.00304	50.00	-100.00	0.00273
60.00	100.00	0.00325	60.00	90.00	0.00355
60.00	80.00	0.00390	60.00	70.00	0.00431
60.00	60.00	0.00477	60.00	50.00	0.00530
60.00	40.00	0.00588	60.00	30.00	0.00647
60.00	25.00	0.00674	60.00	20.00	0.00697
60.00	17.00	0.00706	60.00	15.00	0.00710
60.00	13.00	0.00712	60.00	11.00	0.00713
60.00	9.00	0.00715	60.00	-9.00	0.00651
60.00	-11.00	0.00643	60.00	-13.00	0.00637
60.00	-15.00	0.00632	60.00	-17.00	0.00626
60.00	-20.00	0.00617	60.00	-25.00	0.00598
60.00	-30.00	0.00576	60.00	-40.00	0.00525
60.00	-50.00	0.00472	60.00	-60.00	0.00422
60.00	-70.00	0.00376	60.00	-80.00	0.00335
60.00	-90.00	0.00298	60.00	-100.00	0.00267

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

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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
70.00	100.00	0.00324	70.00	90.00	0.00354
70.00	80.00	0.00389	70.00	70.00	0.00429
70.00	60.00	0.00475	70.00	50.00	0.00528
70.00	40.00	0.00586	70.00	30.00	0.00645

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

70.00	25.00	0.00672	70.00	20.00	0.00694
70.00	17.00	0.00703	70.00	15.00	0.00707
70.00	13.00	0.00709	70.00	11.00	0.00710
70.00	9.00	0.00711	70.00	-9.00	0.00647
70.00	-11.00	0.00639	70.00	-13.00	0.00633
70.00	-15.00	0.00628	70.00	-17.00	0.00622
70.00	-20.00	0.00612	70.00	-25.00	0.00594
70.00	-30.00	0.00571	70.00	-40.00	0.00520
70.00	-50.00	0.00467	70.00	-60.00	0.00416
70.00	-70.00	0.00369	70.00	-80.00	0.00328
70.00	-90.00	0.00292	70.00	-100.00	0.00261
80.00	100.00	0.00322	80.00	90.00	0.00352
80.00	80.00	0.00387	80.00	70.00	0.00427
80.00	60.00	0.00473	80.00	50.00	0.00526
80.00	40.00	0.00583	80.00	30.00	0.00642
80.00	25.00	0.00669	80.00	20.00	0.00691
80.00	17.00	0.00700	80.00	15.00	0.00704
80.00	13.00	0.00706	80.00	11.00	0.00707
80.00	9.00	0.00708	80.00	-9.00	0.00642
80.00	-11.00	0.00635	80.00	-13.00	0.00629
80.00	-15.00	0.00623	80.00	-17.00	0.00617
80.00	-20.00	0.00608	80.00	-25.00	0.00589
80.00	-30.00	0.00566	80.00	-40.00	0.00514
80.00	-50.00	0.00460	80.00	-60.00	0.00409
80.00	-70.00	0.00362	80.00	-80.00	0.00320
80.00	-90.00	0.00284	80.00	-100.00	0.00254
90.00	100.00	0.00320	90.00	90.00	0.00350
90.00	80.00	0.00385	90.00	70.00	0.00425
90.00	60.00	0.00471	90.00	50.00	0.00523
90.00	40.00	0.00581	90.00	30.00	0.00639
90.00	25.00	0.00666	90.00	20.00	0.00688
90.00	17.00	0.00696	90.00	15.00	0.00700
90.00	13.00	0.00702	90.00	11.00	0.00703
90.00	9.00	0.00704	90.00	-9.00	0.00638
90.00	-11.00	0.00630	90.00	-13.00	0.00623
90.00	-15.00	0.00618	90.00	-17.00	0.00612

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

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

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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 \*\*\*



10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W\_Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00602	90.00	-25.00	0.00583
90.00	-30.00	0.00560	90.00	-40.00	0.00507
90.00	-50.00	0.00453	90.00	-60.00	0.00401
90.00	-70.00	0.00353	90.00	-80.00	0.00312
90.00	-90.00	0.00276	90.00	-100.00	0.00246
100.00	100.00	0.00319	100.00	90.00	0.00348
100.00	80.00	0.00383	100.00	70.00	0.00423
100.00	60.00	0.00469	100.00	50.00	0.00521
100.00	40.00	0.00578	100.00	30.00	0.00636
100.00	25.00	0.00662	100.00	20.00	0.00684
100.00	17.00	0.00692	100.00	15.00	0.00696
100.00	13.00	0.00698	100.00	11.00	0.00698
100.00	9.00	0.00699	100.00	-9.00	0.00632
100.00	-11.00	0.00624	100.00	-13.00	0.00618
100.00	-15.00	0.00612	100.00	-17.00	0.00606
100.00	-20.00	0.00596	100.00	-25.00	0.00576
100.00	-30.00	0.00552	100.00	-40.00	0.00499
100.00	-50.00	0.00444	100.00	-60.00	0.00391
100.00	-70.00	0.00344	100.00	-80.00	0.00303
100.00	-90.00	0.00268	100.00	-100.00	0.00238
110.00	100.00	0.00316	110.00	90.00	0.00346
110.00	80.00	0.00380	110.00	70.00	0.00420
110.00	60.00	0.00466	110.00	50.00	0.00518
110.00	40.00	0.00574	110.00	30.00	0.00632
110.00	25.00	0.00658	110.00	20.00	0.00679
110.00	17.00	0.00688	110.00	15.00	0.00691
110.00	13.00	0.00693	110.00	11.00	0.00693
110.00	9.00	0.00694	110.00	-9.00	0.00626
110.00	-11.00	0.00617	110.00	-13.00	0.00611
110.00	-15.00	0.00605	110.00	-17.00	0.00599
110.00	-20.00	0.00588	110.00	-25.00	0.00568
110.00	-30.00	0.00544	110.00	-40.00	0.00490
110.00	-50.00	0.00433	110.00	-60.00	0.00380
110.00	-70.00	0.00333	110.00	-80.00	0.00292
110.00	-90.00	0.00258	110.00	-100.00	0.00229
120.00	100.00	0.00314	120.00	90.00	0.00343
120.00	80.00	0.00378	120.00	70.00	0.00417
120.00	60.00	0.00463	120.00	50.00	0.00514
120.00	40.00	0.00570	120.00	30.00	0.00627
120.00	25.00	0.00654	120.00	20.00	0.00675

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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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	0.00683	120.00	15.00	0.00686
120.00	13.00	0.00687	120.00	11.00	0.00688
120.00	9.00	0.00688	120.00	-9.00	0.00619
120.00	-11.00	0.00610	120.00	-13.00	0.00603
120.00	-15.00	0.00596	120.00	-17.00	0.00590
120.00	-20.00	0.00579	120.00	-25.00	0.00558
120.00	-30.00	0.00533	120.00	-40.00	0.00478
120.00	-50.00	0.00421	120.00	-60.00	0.00367
120.00	-70.00	0.00320	120.00	-80.00	0.00281
120.00	-90.00	0.00247	120.00	-100.00	0.00220
130.00	100.00	0.00311	130.00	90.00	0.00341
130.00	80.00	0.00374	130.00	70.00	0.00413
130.00	60.00	0.00459	130.00	50.00	0.00510
130.00	40.00	0.00566	130.00	30.00	0.00622
130.00	25.00	0.00648	130.00	20.00	0.00669
130.00	17.00	0.00676	130.00	15.00	0.00679
130.00	13.00	0.00681	130.00	11.00	0.00681
130.00	9.00	0.00682	130.00	-9.00	0.00610
130.00	-11.00	0.00600	130.00	-13.00	0.00593
130.00	-15.00	0.00586	130.00	-17.00	0.00579
130.00	-20.00	0.00568	130.00	-25.00	0.00546
130.00	-30.00	0.00521	130.00	-40.00	0.00464
130.00	-50.00	0.00405	130.00	-60.00	0.00352
130.00	-70.00	0.00306	130.00	-80.00	0.00268
130.00	-90.00	0.00236	130.00	-100.00	0.00209
140.00	100.00	0.00308	140.00	90.00	0.00337
140.00	80.00	0.00371	140.00	70.00	0.00409
140.00	60.00	0.00454	140.00	50.00	0.00505
140.00	40.00	0.00561	140.00	30.00	0.00617
140.00	25.00	0.00642	140.00	20.00	0.00662
140.00	17.00	0.00670	140.00	15.00	0.00672
140.00	13.00	0.00673	140.00	11.00	0.00673
140.00	9.00	0.00674	140.00	-9.00	0.00598
140.00	-11.00	0.00589	140.00	-13.00	0.00581
140.00	-15.00	0.00574	140.00	-17.00	0.00567
140.00	-20.00	0.00555	140.00	-25.00	0.00532

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	-30.00	0.00505	140.00	-40.00	0.00446
140.00	-50.00	0.00388	140.00	-60.00	0.00335
140.00	-70.00	0.00291	140.00	-80.00	0.00254
140.00	-90.00	0.00224	140.00	-100.00	0.00198

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00304	150.00	90.00	0.00333
150.00	80.00	0.00366	150.00	70.00	0.00405
150.00	60.00	0.00449	150.00	50.00	0.00499
150.00	40.00	0.00554	150.00	30.00	0.00610
150.00	25.00	0.00635	150.00	20.00	0.00654
150.00	17.00	0.00661	150.00	15.00	0.00664
150.00	13.00	0.00664	150.00	11.00	0.00664
150.00	9.00	0.00663	150.00	-9.00	0.00584
150.00	-11.00	0.00574	150.00	-13.00	0.00567
150.00	-15.00	0.00559	150.00	-17.00	0.00551
150.00	-20.00	0.00538	150.00	-25.00	0.00514
150.00	-30.00	0.00486	150.00	-40.00	0.00425
150.00	-50.00	0.00367	150.00	-60.00	0.00316
150.00	-70.00	0.00274	150.00	-80.00	0.00239
150.00	-90.00	0.00210	150.00	-100.00	0.00186
160.00	100.00	0.00300	160.00	90.00	0.00328
160.00	80.00	0.00361	160.00	70.00	0.00399
160.00	60.00	0.00443	160.00	50.00	0.00493
160.00	40.00	0.00547	160.00	30.00	0.00602
160.00	25.00	0.00627	160.00	20.00	0.00645
160.00	17.00	0.00652	160.00	15.00	0.00654
160.00	13.00	0.00654	160.00	11.00	0.00653
160.00	9.00	0.00652	160.00	-9.00	0.00568
160.00	-11.00	0.00557	160.00	-13.00	0.00548
160.00	-15.00	0.00540	160.00	-17.00	0.00531
160.00	-20.00	0.00517	160.00	-25.00	0.00491
160.00	-30.00	0.00461	160.00	-40.00	0.00399
160.00	-50.00	0.00343	160.00	-60.00	0.00295
160.00	-70.00	0.00256	160.00	-80.00	0.00223
160.00	-90.00	0.00196	160.00	-100.00	0.00173

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

170.00	100.00	0.00293	170.00	90.00	0.00322
170.00	80.00	0.00355	170.00	70.00	0.00393
170.00	60.00	0.00436	170.00	50.00	0.00485
170.00	40.00	0.00539	170.00	30.00	0.00593
170.00	25.00	0.00617	170.00	20.00	0.00635
170.00	17.00	0.00641	170.00	15.00	0.00642
170.00	13.00	0.00642	170.00	11.00	0.00640
170.00	9.00	0.00638	170.00	-9.00	0.00547
170.00	-11.00	0.00535	170.00	-13.00	0.00525
170.00	-15.00	0.00515	170.00	-17.00	0.00506

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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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	0.00490	170.00	-25.00	0.00461
170.00	-30.00	0.00429	170.00	-40.00	0.00368
170.00	-50.00	0.00316	170.00	-60.00	0.00272
170.00	-70.00	0.00235	170.00	-80.00	0.00205
170.00	-90.00	0.00180	170.00	-100.00	0.00159
180.00	100.00	0.00285	180.00	90.00	0.00313
180.00	80.00	0.00346	180.00	70.00	0.00384
180.00	60.00	0.00428	180.00	50.00	0.00476
180.00	40.00	0.00529	180.00	30.00	0.00582
180.00	25.00	0.00605	180.00	20.00	0.00622
180.00	17.00	0.00628	180.00	15.00	0.00629
180.00	13.00	0.00628	180.00	11.00	0.00625
180.00	9.00	0.00623	180.00	-9.00	0.00520
180.00	-11.00	0.00506	180.00	-13.00	0.00495
180.00	-15.00	0.00483	180.00	-17.00	0.00472
180.00	-20.00	0.00453	180.00	-25.00	0.00421
180.00	-30.00	0.00390	180.00	-40.00	0.00333
180.00	-50.00	0.00286	180.00	-60.00	0.00246
180.00	-70.00	0.00213	180.00	-80.00	0.00185
180.00	-90.00	0.00163	180.00	-100.00	0.00144
190.00	100.00	0.00272	190.00	90.00	0.00300
190.00	80.00	0.00333	190.00	70.00	0.00372
190.00	60.00	0.00415	190.00	50.00	0.00464
190.00	40.00	0.00516	190.00	30.00	0.00568

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

190.00	25.00	0.00591	190.00	20.00	0.00607
190.00	17.00	0.00612	190.00	15.00	0.00613
190.00	13.00	0.00611	190.00	11.00	0.00608
190.00	9.00	0.00604	190.00	-9.00	0.00484
190.00	-11.00	0.00468	190.00	-13.00	0.00453
190.00	-15.00	0.00439	190.00	-17.00	0.00425
190.00	-20.00	0.00404	190.00	-25.00	0.00372
190.00	-30.00	0.00343	190.00	-40.00	0.00293
190.00	-50.00	0.00252	190.00	-60.00	0.00217
190.00	-70.00	0.00188	190.00	-80.00	0.00164
190.00	-90.00	0.00145	190.00	-100.00	0.00128
200.00	100.00	0.00254	200.00	90.00	0.00281
200.00	80.00	0.00313	200.00	70.00	0.00350
200.00	60.00	0.00394	200.00	50.00	0.00444
200.00	40.00	0.00498	200.00	30.00	0.00551
200.00	25.00	0.00573	200.00	20.00	0.00589

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

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

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00593	200.00	15.00	0.00594
200.00	13.00	0.00591	200.00	11.00	0.00587
200.00	9.00	0.00582	200.00	-9.00	0.00434
200.00	-11.00	0.00413	200.00	-13.00	0.00395
200.00	-15.00	0.00378	200.00	-17.00	0.00363
200.00	-20.00	0.00342	200.00	-25.00	0.00314
200.00	-30.00	0.00290	200.00	-40.00	0.00249
200.00	-50.00	0.00214	200.00	-60.00	0.00185
200.00	-70.00	0.00161	200.00	-80.00	0.00142
200.00	-90.00	0.00126	200.00	-100.00	0.00113
210.00	100.00	0.00230	210.00	90.00	0.00254
210.00	80.00	0.00282	210.00	70.00	0.00316
210.00	60.00	0.00357	210.00	50.00	0.00406
210.00	40.00	0.00462	210.00	30.00	0.00520
210.00	25.00	0.00546	210.00	20.00	0.00564
210.00	17.00	0.00569	210.00	15.00	0.00569
210.00	13.00	0.00566	210.00	11.00	0.00561
210.00	9.00	0.00556	210.00	-9.00	0.00359

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	-11.00	0.00334	210.00	-13.00	0.00314
210.00	-15.00	0.00299	210.00	-17.00	0.00287
210.00	-20.00	0.00271	210.00	-25.00	0.00249
210.00	-30.00	0.00231	210.00	-40.00	0.00200
210.00	-50.00	0.00174	210.00	-60.00	0.00153
210.00	-70.00	0.00135	210.00	-80.00	0.00120
210.00	-90.00	0.00108	210.00	-100.00	0.00098
220.00	100.00	0.00203	220.00	90.00	0.00222
220.00	80.00	0.00244	220.00	70.00	0.00270
220.00	60.00	0.00301	220.00	50.00	0.00338
220.00	40.00	0.00382	220.00	30.00	0.00432
220.00	25.00	0.00459	220.00	20.00	0.00485
220.00	17.00	0.00498	220.00	15.00	0.00504
220.00	13.00	0.00508	220.00	11.00	0.00510
220.00	9.00	0.00509	220.00	-9.00	0.00243
220.00	-11.00	0.00226	220.00	-13.00	0.00214
220.00	-15.00	0.00205	220.00	-17.00	0.00198
220.00	-20.00	0.00189	220.00	-25.00	0.00177
220.00	-30.00	0.00167	220.00	-40.00	0.00150
220.00	-50.00	0.00135	220.00	-60.00	0.00121
220.00	-70.00	0.00110	220.00	-80.00	0.00099
220.00	-90.00	0.00091	220.00	-100.00	0.00083

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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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
230.00	100.00	0.00176	230.00	90.00	0.00190
230.00	80.00	0.00205	230.00	70.00	0.00222
230.00	60.00	0.00241	230.00	50.00	0.00261
230.00	40.00	0.00281	230.00	30.00	0.00297
230.00	25.00	0.00300	230.00	20.00	0.00299
230.00	17.00	0.00293	230.00	15.00	0.00287
230.00	13.00	0.00279	230.00	11.00	0.00268
230.00	9.00	0.00254	230.00	-9.00	0.00128
230.00	-11.00	0.00126	230.00	-13.00	0.00123
230.00	-15.00	0.00122	230.00	-17.00	0.00121
230.00	-20.00	0.00119	230.00	-25.00	0.00117
230.00	-30.00	0.00114	230.00	-40.00	0.00109

10NCRA\_NAPA01-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	-50.00	0.00102	230.00	-60.00	0.00095
230.00	-70.00	0.00088	230.00	-80.00	0.00081
230.00	-90.00	0.00076	230.00	-100.00	0.00070
240.00	100.00	0.00151	240.00	90.00	0.00161
240.00	80.00	0.00170	240.00	70.00	0.00181
240.00	60.00	0.00190	240.00	50.00	0.00198
240.00	40.00	0.00203	240.00	30.00	0.00201
240.00	25.00	0.00196	240.00	20.00	0.00187
240.00	17.00	0.00180	240.00	15.00	0.00175
240.00	13.00	0.00169	240.00	11.00	0.00162
240.00	9.00	0.00156	240.00	-9.00	0.00099
240.00	-11.00	0.00096	240.00	-13.00	0.00094
240.00	-15.00	0.00093	240.00	-17.00	0.00092
240.00	-20.00	0.00090	240.00	-25.00	0.00088
240.00	-30.00	0.00086	240.00	-40.00	0.00082
240.00	-50.00	0.00078	240.00	-60.00	0.00075
240.00	-70.00	0.00071	240.00	-80.00	0.00067
240.00	-90.00	0.00063	240.00	-100.00	0.00059
250.00	100.00	0.00129	250.00	90.00	0.00135
250.00	80.00	0.00141	250.00	70.00	0.00146
250.00	60.00	0.00150	250.00	50.00	0.00152
250.00	40.00	0.00151	250.00	30.00	0.00145
250.00	25.00	0.00139	250.00	20.00	0.00132
250.00	17.00	0.00128	250.00	15.00	0.00125
250.00	13.00	0.00122	250.00	11.00	0.00120
250.00	9.00	0.00117	250.00	-9.00	0.00082
250.00	-11.00	0.00079	250.00	-13.00	0.00077
250.00	-15.00	0.00076	250.00	-17.00	0.00074

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00073	250.00	-25.00	0.00071
250.00	-30.00	0.00070	250.00	-40.00	0.00067
250.00	-50.00	0.00064	250.00	-60.00	0.00061
250.00	-70.00	0.00058	250.00	-80.00	0.00056
250.00	-90.00	0.00053	250.00	-100.00	0.00051

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

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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	0.00550 AT ( 180.00, 13.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00550 AT ( 180.00, 15.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00549 AT ( 180.00, 11.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00548 AT ( 180.00, 17.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00548 AT ( 170.00, 13.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00547 AT ( 180.00, 9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00547 AT ( 170.00, 9.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00547 AT ( 170.00, 11.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00547 AT ( 190.00, 15.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00546 AT ( 170.00, 15.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00550 AT ( 90.00, 13.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00550 AT ( 90.00, 15.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00549 AT ( 90.00, 11.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00548 AT ( 90.00, 17.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00548 AT ( 80.00, 13.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00547 AT ( 90.00, 9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00547 AT ( 80.00, 9.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00547 AT ( 80.00, 11.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00547 AT ( 100.00, 15.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00546 AT ( 80.00, 15.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00550 AT ( 0.00, 13.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00550 AT ( 0.00, 15.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00549 AT ( 0.00, 11.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00548 AT ( 0.00, 17.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00548 AT ( -10.00, 13.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00547 AT ( 0.00, 9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00547 AT ( -10.00, 9.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00547 AT ( -10.00, 11.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00547 AT ( 10.00, 15.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00546 AT ( -10.00, 15.00, 0.00, 1.20)	DC	NA

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

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

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

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS	0.00550 AT ( -90.00, 13.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00550 AT ( -90.00, 15.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00549 AT ( -90.00, 11.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00548 AT ( -90.00, 17.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00548 AT ( -100.00, 13.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00547 AT ( -90.00, 9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00547 AT ( -100.00, 9.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00547 AT ( -100.00, 11.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00547 AT ( -80.00, 15.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00546 AT ( -100.00, 15.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00550 AT ( -180.00, 13.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00550 AT ( -180.00, 15.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00549 AT ( -180.00, 11.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00548 AT ( -180.00, 17.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00548 AT ( -190.00, 13.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00547 AT ( -180.00, 9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00547 AT ( -190.00, 9.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00547 AT ( -190.00, 11.00, 0.00, 1.20)	DC	NA



		10NCRA_NAPA01-300_DPM_TRAV_ANN_E-W Bound								
	9TH HIGHEST VALUE IS	0.00547	AT (	-170.00,	15.00,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00546	AT (	-190.00,	15.00,	0.00,	1.20)	DC	NA	
ALL	1ST HIGHEST VALUE IS	0.00729	AT (	-40.00,	9.00,	0.00,	1.20)	DC	NA	
	2ND HIGHEST VALUE IS	0.00729	AT (	-50.00,	9.00,	0.00,	1.20)	DC	NA	
	3RD HIGHEST VALUE IS	0.00728	AT (	-30.00,	9.00,	0.00,	1.20)	DC	NA	
	4TH HIGHEST VALUE IS	0.00728	AT (	-60.00,	9.00,	0.00,	1.20)	DC	NA	
	5TH HIGHEST VALUE IS	0.00727	AT (	-20.00,	9.00,	0.00,	1.20)	DC	NA	
	6TH HIGHEST VALUE IS	0.00727	AT (	-50.00,	11.00,	0.00,	1.20)	DC	NA	
	7TH HIGHEST VALUE IS	0.00727	AT (	-70.00,	9.00,	0.00,	1.20)	DC	NA	
	8TH HIGHEST VALUE IS	0.00727	AT (	-40.00,	11.00,	0.00,	1.20)	DC	NA	
	9TH HIGHEST VALUE IS	0.00727	AT (	-60.00,	11.00,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00726	AT (	-80.00,	9.00,	0.00,	1.20)	DC	NA	

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

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

04/20/08

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 1 Informational Message(s)  
 A Total of 1 Calm Hours Identified

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

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

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*