

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 17:14:38

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Napa\07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound.dat

\*\* Trinity Consultants

CO STARTING  
CO TITLEONE NCRA Cumulative DPM Impacts  
CO TITLETWO Maximum train overlap at 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	-17.0	1.2
RE DISCCART	160.0	-20.0	1.2
RE DISCCART	160.0	-25.0	1.2
RE DISCCART	160.0	-30.0	1.2
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RE DISCCART	160.0	-50.0	1.2
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RE DISCCART	170.0	-60.0	1.2
RE DISCCART	170.0	-70.0	1.2
RE DISCCART	170.0	-80.0	1.2
RE DISCCART	170.0	-90.0	1.2
RE DISCCART	170.0	-100.0	1.2
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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
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RE DISCCART	200.0	11.0	1.2
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RE DISCCART	220.0	-40.0	1.2
RE DISCCART	220.0	-50.0	1.2
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RE DISCCART	220.0	-70.0	1.2
RE DISCCART	220.0	-80.0	1.2
RE DISCCART	220.0	-90.0	1.2
RE DISCCART	220.0	-100.0	1.2
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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
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RE DISCCART	230.0	-11.0	1.2
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RE DISCCART	230.0	-50.0	1.2
RE DISCCART	230.0	-60.0	1.2
RE DISCCART	230.0	-70.0	1.2
RE DISCCART	230.0	-80.0	1.2
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RE DISCCART	230.0	-100.0	1.2
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RE DISCCART	240.0	80.0	1.2
RE DISCCART	240.0	70.0	1.2
RE DISCCART	240.0	60.0	1.2
RE DISCCART	240.0	50.0	1.2
RE DISCCART	240.0	40.0	1.2
RE DISCCART	240.0	30.0	1.2
RE DISCCART	240.0	25.0	1.2
RE DISCCART	240.0	20.0	1.2
RE DISCCART	240.0	17.0	1.2
RE DISCCART	240.0	15.0	1.2
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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
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RE DISCCART	240.0	-15.0	1.2
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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  
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RE DISCCART 250.0 25.0 1.2  
RE DISCCART 250.0 20.0 1.2  
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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  
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RE DISCCART 250.0 -80.0 1.2  
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RE DISCCART 250.0 -100.0 1.2  
RE FINISHED

ME STARTING

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

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 1995

ME UAIRDATA 4901 1995

ME STARTEND 1995 01 01 1 1995 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

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

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_N-S Bound.RAW"

\*\* RAWFMT 2

\*\* HILLBOUN 0 0 0 0

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

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

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

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\*\*MODELOPTs:

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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\07NCRA-1.DAT

\*\*Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\07NCRA-1.LST

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

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\*\*MODELOPTs:

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CONC    URBAN FLAT    FLGPOL DFAULT

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

EMISSION RATE SOURCE SCALAR VARY BY ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	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      \*\*\*  
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    \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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CONC    URBAN FLAT    FLGPOL DFAULT

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

GROUP ID    SOURCE IDs

NCRA\_S1    NCRA\_S1 ,

NCRA\_S2    NCRA\_S2 ,

NCRA\_S3    NCRA\_S3 ,

NCRA\_S4    NCRA\_S4 ,

NCRA\_S5    NCRA\_S5 ,

ALL                    NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

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

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\*\*MODELOPTs:

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CONC    URBAN FLAT    FLGPOL DFAULT

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

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

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN E-W Bound

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

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

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



07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN E-W Bound

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

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

( -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);

07NCRA\_NAPA95-300\_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      \*\*\*

17:14:39

\*\*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);

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

04/20/08

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

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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);

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

07NCRA\_NAPA95-300\_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);

07NCRA\_NAPA95-300\_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);

07NCRA\_NAPA95-300\_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 \*\*\*  
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)

( -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);



07NCRA\_NAPA95-300\_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);

07NCRA\_NAPA95-300\_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

\*\*\*

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\*\*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);

07NCRA\_NAPA95-300\_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      \*\*\*

17:14:39

\*\*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);

07NCRA\_NAPA95-300\_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:  
PAGE 16  
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);

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN E-W Bound

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

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

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

17:14:39

\*\*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);

07NCRA\_NAPA95-300\_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      \*\*\*

17:14:39

\*\*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);

07NCRA\_NAPA95-300\_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      \*\*\*

17:14:39  
 \*\*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);



07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN E-W Bound

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

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

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

17:14:39  
 \*\*MODELOPTs:  
 PAGE 20

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);

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN E-W Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:14:39

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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



07NCRA\_NAPA95-300\_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)
95	01	01	01	162.0	2.68	279.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	02	224.0	3.62	281.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	03	154.0	2.19	280.3	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	04	188.0	2.82	279.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	05	212.0	2.37	280.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	06	136.0	1.83	280.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	07	140.0	1.61	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	08	168.0	1.83	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	09	161.0	2.32	280.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	10	160.0	2.77	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	11	169.0	3.08	281.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	12	182.0	3.04	281.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	13	175.0	3.13	282.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	14	172.0	3.62	282.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	15	169.0	3.08	282.4	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	16	171.0	3.00	282.3	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	17	172.0	2.32	282.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	18	183.0	2.82	281.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	19	177.0	2.46	281.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	20	213.0	1.74	281.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	21	185.0	2.06	281.4	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	22	252.0	1.52	280.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	23	191.0	1.16	278.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
95	01	01	24	214.0	1.00	278.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

1 \*\*\* 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	0.00005	-250.00	90.00	0.00005
-250.00	80.00	0.00006	-250.00	70.00	0.00006
-250.00	60.00	0.00006	-250.00	50.00	0.00006
-250.00	40.00	0.00006	-250.00	30.00	0.00007
-250.00	25.00	0.00007	-250.00	20.00	0.00007
-250.00	17.00	0.00007	-250.00	15.00	0.00007
-250.00	13.00	0.00007	-250.00	11.00	0.00007
-250.00	9.00	0.00007	-250.00	-9.00	0.00007
-250.00	-11.00	0.00007	-250.00	-13.00	0.00007
-250.00	-15.00	0.00007	-250.00	-17.00	0.00007
-250.00	-20.00	0.00008	-250.00	-25.00	0.00008
-250.00	-30.00	0.00008	-250.00	-40.00	0.00008
-250.00	-50.00	0.00008	-250.00	-60.00	0.00008
-250.00	-70.00	0.00008	-250.00	-80.00	0.00009
-250.00	-90.00	0.00009	-250.00	-100.00	0.00009
-240.00	100.00	0.00005	-240.00	90.00	0.00006
-240.00	80.00	0.00006	-240.00	70.00	0.00006

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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	0.00008	-230.00	-25.00	0.00008
-230.00	-30.00	0.00008	-230.00	-40.00	0.00009
-230.00	-50.00	0.00009	-230.00	-60.00	0.00009
-230.00	-70.00	0.00009	-230.00	-80.00	0.00009
-230.00	-90.00	0.00010	-230.00	-100.00	0.00010
-220.00	100.00	0.00006	-220.00	90.00	0.00006
-220.00	80.00	0.00006	-220.00	70.00	0.00007
-220.00	60.00	0.00007	-220.00	50.00	0.00007
-220.00	40.00	0.00007	-220.00	30.00	0.00007
-220.00	25.00	0.00008	-220.00	20.00	0.00008
-220.00	17.00	0.00008	-220.00	15.00	0.00008

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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
-200.00	17.00	0.00009	-200.00	15.00	0.00009
-200.00	13.00	0.00009	-200.00	11.00	0.00009
-200.00	9.00	0.00009	-200.00	-9.00	0.00009
-200.00	-11.00	0.00009	-200.00	-13.00	0.00009
-200.00	-15.00	0.00009	-200.00	-17.00	0.00009

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 17:14:39  
 \*\*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      \*\*

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound  
CONC

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:14:39

\*\*MODELOPTs:



URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

\*\*

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

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

17:14:39

\*\*MODELOPTs:

PAGE 28

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

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

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

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

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

17:14:39

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

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

17:14:39

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

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-60.00	-90.00	0.00028	-60.00	-100.00	0.00028
-50.00	100.00	0.00010	-50.00	90.00	0.00012
-50.00	80.00	0.00013	-50.00	70.00	0.00014
-50.00	60.00	0.00016	-50.00	50.00	0.00017
-50.00	40.00	0.00018	-50.00	30.00	0.00019
-50.00	25.00	0.00020	-50.00	20.00	0.00020
-50.00	17.00	0.00021	-50.00	15.00	0.00021
-50.00	13.00	0.00021	-50.00	11.00	0.00021
-50.00	9.00	0.00022	-50.00	-9.00	0.00024
-50.00	-11.00	0.00024	-50.00	-13.00	0.00024
-50.00	-15.00	0.00024	-50.00	-17.00	0.00024
-50.00	-20.00	0.00025	-50.00	-25.00	0.00025
-50.00	-30.00	0.00026	-50.00	-40.00	0.00027
-50.00	-50.00	0.00028	-50.00	-60.00	0.00029
-50.00	-70.00	0.00030	-50.00	-80.00	0.00031
-50.00	-90.00	0.00031	-50.00	-100.00	0.00030
-40.00	100.00	0.00011	-40.00	90.00	0.00012
-40.00	80.00	0.00014	-40.00	70.00	0.00015
-40.00	60.00	0.00017	-40.00	50.00	0.00018
-40.00	40.00	0.00019	-40.00	30.00	0.00021
-40.00	25.00	0.00021	-40.00	20.00	0.00022

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

17:14:39  
 \*\*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	0.00022	-40.00	15.00	0.00023
-40.00	13.00	0.00023	-40.00	11.00	0.00023
-40.00	9.00	0.00023	-40.00	-9.00	0.00026
-40.00	-11.00	0.00026	-40.00	-13.00	0.00026
-40.00	-15.00	0.00026	-40.00	-17.00	0.00026
-40.00	-20.00	0.00027	-40.00	-25.00	0.00027
-40.00	-30.00	0.00028	-40.00	-40.00	0.00029
-40.00	-50.00	0.00031	-40.00	-60.00	0.00032
-40.00	-70.00	0.00033	-40.00	-80.00	0.00033
-40.00	-90.00	0.00033	-40.00	-100.00	0.00033
-30.00	100.00	0.00011	-30.00	90.00	0.00013
-30.00	80.00	0.00014	-30.00	70.00	0.00016
-30.00	60.00	0.00018	-30.00	50.00	0.00019

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	40.00	0.00021	-30.00	30.00	0.00022
-30.00	25.00	0.00023	-30.00	20.00	0.00024
-30.00	17.00	0.00024	-30.00	15.00	0.00024
-30.00	13.00	0.00025	-30.00	11.00	0.00025
-30.00	9.00	0.00025	-30.00	-9.00	0.00028
-30.00	-11.00	0.00028	-30.00	-13.00	0.00028
-30.00	-15.00	0.00029	-30.00	-17.00	0.00029
-30.00	-20.00	0.00029	-30.00	-25.00	0.00030
-30.00	-30.00	0.00031	-30.00	-40.00	0.00032
-30.00	-50.00	0.00034	-30.00	-60.00	0.00035
-30.00	-70.00	0.00036	-30.00	-80.00	0.00036
-30.00	-90.00	0.00036	-30.00	-100.00	0.00035
-20.00	100.00	0.00012	-20.00	90.00	0.00013
-20.00	80.00	0.00015	-20.00	70.00	0.00017
-20.00	60.00	0.00019	-20.00	50.00	0.00021
-20.00	40.00	0.00022	-20.00	30.00	0.00024
-20.00	25.00	0.00025	-20.00	20.00	0.00026
-20.00	17.00	0.00026	-20.00	15.00	0.00027
-20.00	13.00	0.00027	-20.00	11.00	0.00027
-20.00	9.00	0.00028	-20.00	-9.00	0.00031
-20.00	-11.00	0.00031	-20.00	-13.00	0.00031
-20.00	-15.00	0.00032	-20.00	-17.00	0.00032
-20.00	-20.00	0.00032	-20.00	-25.00	0.00033
-20.00	-30.00	0.00034	-20.00	-40.00	0.00036
-20.00	-50.00	0.00038	-20.00	-60.00	0.00039
-20.00	-70.00	0.00040	-20.00	-80.00	0.00040
-20.00	-90.00	0.00039	-20.00	-100.00	0.00038

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

17:14:39  
 \*\*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	0.00012	-10.00	90.00	0.00014
-10.00	80.00	0.00015	-10.00	70.00	0.00017
-10.00	60.00	0.00020	-10.00	50.00	0.00022
-10.00	40.00	0.00024	-10.00	30.00	0.00026
-10.00	25.00	0.00027	-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

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	9.00	0.00030	-10.00	-9.00	0.00034
-10.00	-11.00	0.00034	-10.00	-13.00	0.00034
-10.00	-15.00	0.00035	-10.00	-17.00	0.00035
-10.00	-20.00	0.00036	-10.00	-25.00	0.00037
-10.00	-30.00	0.00038	-10.00	-40.00	0.00040
-10.00	-50.00	0.00042	-10.00	-60.00	0.00043
-10.00	-70.00	0.00044	-10.00	-80.00	0.00043
-10.00	-90.00	0.00043	-10.00	-100.00	0.00042
0.00	100.00	0.00013	0.00	90.00	0.00014
0.00	80.00	0.00016	0.00	70.00	0.00018
0.00	60.00	0.00021	0.00	50.00	0.00024
0.00	40.00	0.00026	0.00	30.00	0.00028
0.00	25.00	0.00030	0.00	20.00	0.00031
0.00	17.00	0.00031	0.00	15.00	0.00032
0.00	13.00	0.00032	0.00	11.00	0.00033
0.00	9.00	0.00033	0.00	-9.00	0.00037
0.00	-11.00	0.00038	0.00	-13.00	0.00038
0.00	-15.00	0.00039	0.00	-17.00	0.00039
0.00	-20.00	0.00040	0.00	-25.00	0.00041
0.00	-30.00	0.00042	0.00	-40.00	0.00045
0.00	-50.00	0.00047	0.00	-60.00	0.00048
0.00	-70.00	0.00048	0.00	-80.00	0.00047
0.00	-90.00	0.00047	0.00	-100.00	0.00046
10.00	100.00	0.00013	10.00	90.00	0.00015
10.00	80.00	0.00017	10.00	70.00	0.00019
10.00	60.00	0.00022	10.00	50.00	0.00025
10.00	40.00	0.00028	10.00	30.00	0.00031
10.00	25.00	0.00033	10.00	20.00	0.00034
10.00	17.00	0.00035	10.00	15.00	0.00035
10.00	13.00	0.00036	10.00	11.00	0.00036
10.00	9.00	0.00037	10.00	-9.00	0.00042
10.00	-11.00	0.00042	10.00	-13.00	0.00043
10.00	-15.00	0.00043	10.00	-17.00	0.00044

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
10.00	-20.00	0.00044	10.00	-25.00	0.00046

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

10.00	-30.00	0.00047	10.00	-40.00	0.00050
10.00	-50.00	0.00052	10.00	-60.00	0.00053
10.00	-70.00	0.00053	10.00	-80.00	0.00052
10.00	-90.00	0.00051	10.00	-100.00	0.00050
20.00	100.00	0.00014	20.00	90.00	0.00016
20.00	80.00	0.00018	20.00	70.00	0.00020
20.00	60.00	0.00023	20.00	50.00	0.00027
20.00	40.00	0.00031	20.00	30.00	0.00034
20.00	25.00	0.00036	20.00	20.00	0.00037
20.00	17.00	0.00038	20.00	15.00	0.00039
20.00	13.00	0.00040	20.00	11.00	0.00040
20.00	9.00	0.00041	20.00	-9.00	0.00047
20.00	-11.00	0.00047	20.00	-13.00	0.00048
20.00	-15.00	0.00049	20.00	-17.00	0.00049
20.00	-20.00	0.00050	20.00	-25.00	0.00052
20.00	-30.00	0.00054	20.00	-40.00	0.00057
20.00	-50.00	0.00059	20.00	-60.00	0.00060
20.00	-70.00	0.00059	20.00	-80.00	0.00058
20.00	-90.00	0.00056	20.00	-100.00	0.00055
30.00	100.00	0.00015	30.00	90.00	0.00016
30.00	80.00	0.00018	30.00	70.00	0.00021
30.00	60.00	0.00025	30.00	50.00	0.00029
30.00	40.00	0.00033	30.00	30.00	0.00038
30.00	25.00	0.00040	30.00	20.00	0.00042
30.00	17.00	0.00043	30.00	15.00	0.00044
30.00	13.00	0.00044	30.00	11.00	0.00045
30.00	9.00	0.00046	30.00	-9.00	0.00053
30.00	-11.00	0.00054	30.00	-13.00	0.00054
30.00	-15.00	0.00055	30.00	-17.00	0.00056
30.00	-20.00	0.00057	30.00	-25.00	0.00059
30.00	-30.00	0.00061	30.00	-40.00	0.00065
30.00	-50.00	0.00067	30.00	-60.00	0.00067
30.00	-70.00	0.00066	30.00	-80.00	0.00064
30.00	-90.00	0.00062	30.00	-100.00	0.00060
40.00	100.00	0.00016	40.00	90.00	0.00017
40.00	80.00	0.00020	40.00	70.00	0.00022
40.00	60.00	0.00026	40.00	50.00	0.00031
40.00	40.00	0.00036	40.00	30.00	0.00042
40.00	25.00	0.00044	40.00	20.00	0.00046

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\_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	0.00048	40.00	15.00	0.00049
40.00	13.00	0.00050	40.00	11.00	0.00051
40.00	9.00	0.00052	40.00	-9.00	0.00060
40.00	-11.00	0.00061	40.00	-13.00	0.00062
40.00	-15.00	0.00063	40.00	-17.00	0.00064
40.00	-20.00	0.00065	40.00	-25.00	0.00068
40.00	-30.00	0.00071	40.00	-40.00	0.00075
40.00	-50.00	0.00076	40.00	-60.00	0.00075
40.00	-70.00	0.00074	40.00	-80.00	0.00072
40.00	-90.00	0.00069	40.00	-100.00	0.00067
50.00	100.00	0.00017	50.00	90.00	0.00019
50.00	80.00	0.00021	50.00	70.00	0.00024
50.00	60.00	0.00027	50.00	50.00	0.00033
50.00	40.00	0.00039	50.00	30.00	0.00046
50.00	25.00	0.00049	50.00	20.00	0.00052
50.00	17.00	0.00054	50.00	15.00	0.00055
50.00	13.00	0.00056	50.00	11.00	0.00058
50.00	9.00	0.00059	50.00	-9.00	0.00069
50.00	-11.00	0.00070	50.00	-13.00	0.00072
50.00	-15.00	0.00073	50.00	-17.00	0.00074
50.00	-20.00	0.00076	50.00	-25.00	0.00079
50.00	-30.00	0.00082	50.00	-40.00	0.00086
50.00	-50.00	0.00087	50.00	-60.00	0.00085
50.00	-70.00	0.00083	50.00	-80.00	0.00080
50.00	-90.00	0.00077	50.00	-100.00	0.00073
60.00	100.00	0.00019	60.00	90.00	0.00020
60.00	80.00	0.00022	60.00	70.00	0.00025
60.00	60.00	0.00029	60.00	50.00	0.00035
60.00	40.00	0.00042	60.00	30.00	0.00050
60.00	25.00	0.00055	60.00	20.00	0.00059
60.00	17.00	0.00061	60.00	15.00	0.00062
60.00	13.00	0.00064	60.00	11.00	0.00066
60.00	9.00	0.00067	60.00	-9.00	0.00080
60.00	-11.00	0.00082	60.00	-13.00	0.00083
60.00	-15.00	0.00085	60.00	-17.00	0.00087
60.00	-20.00	0.00089	60.00	-25.00	0.00093
60.00	-30.00	0.00097	60.00	-40.00	0.00100
60.00	-50.00	0.00100	60.00	-60.00	0.00097
60.00	-70.00	0.00094	60.00	-80.00	0.00090

60.00 -90.00 0.00085 60.00 -100.00 0.00080

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	0.00021	70.00	90.00	0.00022
70.00	80.00	0.00024	70.00	70.00	0.00027
70.00	60.00	0.00031	70.00	50.00	0.00037
70.00	40.00	0.00045	70.00	30.00	0.00055
70.00	25.00	0.00061	70.00	20.00	0.00066
70.00	17.00	0.00069	70.00	15.00	0.00071
70.00	13.00	0.00073	70.00	11.00	0.00075
70.00	9.00	0.00077	70.00	-9.00	0.00095
70.00	-11.00	0.00097	70.00	-13.00	0.00099
70.00	-15.00	0.00101	70.00	-17.00	0.00103
70.00	-20.00	0.00106	70.00	-25.00	0.00111
70.00	-30.00	0.00114	70.00	-40.00	0.00117
70.00	-50.00	0.00115	70.00	-60.00	0.00112
70.00	-70.00	0.00107	70.00	-80.00	0.00101
70.00	-90.00	0.00095	70.00	-100.00	0.00088
80.00	100.00	0.00025	80.00	90.00	0.00026
80.00	80.00	0.00028	80.00	70.00	0.00030
80.00	60.00	0.00034	80.00	50.00	0.00040
80.00	40.00	0.00049	80.00	30.00	0.00061
80.00	25.00	0.00068	80.00	20.00	0.00075
80.00	17.00	0.00079	80.00	15.00	0.00082
80.00	13.00	0.00084	80.00	11.00	0.00087
80.00	9.00	0.00089	80.00	-9.00	0.00113
80.00	-11.00	0.00115	80.00	-13.00	0.00118
80.00	-15.00	0.00121	80.00	-17.00	0.00124
80.00	-20.00	0.00128	80.00	-25.00	0.00133
80.00	-30.00	0.00136	80.00	-40.00	0.00137
80.00	-50.00	0.00134	80.00	-60.00	0.00128
80.00	-70.00	0.00121	80.00	-80.00	0.00113
80.00	-90.00	0.00104	80.00	-100.00	0.00096
90.00	100.00	0.00031	90.00	90.00	0.00032
90.00	80.00	0.00033	90.00	70.00	0.00035
90.00	60.00	0.00038	90.00	50.00	0.00043

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00	40.00	0.00053	90.00	30.00	0.00066
90.00	25.00	0.00074	90.00	20.00	0.00084
90.00	17.00	0.00090	90.00	15.00	0.00093
90.00	13.00	0.00097	90.00	11.00	0.00101
90.00	9.00	0.00104	90.00	-9.00	0.00136
90.00	-11.00	0.00140	90.00	-13.00	0.00144
90.00	-15.00	0.00148	90.00	-17.00	0.00152

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
90.00	-20.00	0.00156	90.00	-25.00	0.00161
90.00	-30.00	0.00163	90.00	-40.00	0.00163
90.00	-50.00	0.00156	90.00	-60.00	0.00147
90.00	-70.00	0.00136	90.00	-80.00	0.00125
90.00	-90.00	0.00114	90.00	-100.00	0.00104
100.00	100.00	0.00040	100.00	90.00	0.00040
100.00	80.00	0.00041	100.00	70.00	0.00043
100.00	60.00	0.00045	100.00	50.00	0.00049
100.00	40.00	0.00057	100.00	30.00	0.00072
100.00	25.00	0.00081	100.00	20.00	0.00093
100.00	17.00	0.00101	100.00	15.00	0.00106
100.00	13.00	0.00111	100.00	11.00	0.00117
100.00	9.00	0.00122	100.00	-9.00	0.00168
100.00	-11.00	0.00173	100.00	-13.00	0.00178
100.00	-15.00	0.00183	100.00	-17.00	0.00187
100.00	-20.00	0.00192	100.00	-25.00	0.00196
100.00	-30.00	0.00198	100.00	-40.00	0.00193
100.00	-50.00	0.00182	100.00	-60.00	0.00167
100.00	-70.00	0.00152	100.00	-80.00	0.00138
100.00	-90.00	0.00124	100.00	-100.00	0.00112
110.00	100.00	0.00052	110.00	90.00	0.00054
110.00	80.00	0.00055	110.00	70.00	0.00057
110.00	60.00	0.00059	110.00	50.00	0.00061
110.00	40.00	0.00067	110.00	30.00	0.00079
110.00	25.00	0.00089	110.00	20.00	0.00102
110.00	17.00	0.00112	110.00	15.00	0.00119
110.00	13.00	0.00126	110.00	11.00	0.00133

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	9.00	0.00141	110.00	-9.00	0.00210
110.00	-11.00	0.00217	110.00	-13.00	0.00224
110.00	-15.00	0.00229	110.00	-17.00	0.00233
110.00	-20.00	0.00237	110.00	-25.00	0.00241
110.00	-30.00	0.00240	110.00	-40.00	0.00228
110.00	-50.00	0.00209	110.00	-60.00	0.00189
110.00	-70.00	0.00170	110.00	-80.00	0.00152
110.00	-90.00	0.00135	110.00	-100.00	0.00121
120.00	100.00	0.00067	120.00	90.00	0.00072
120.00	80.00	0.00076	120.00	70.00	0.00080
120.00	60.00	0.00084	120.00	50.00	0.00088
120.00	40.00	0.00091	120.00	30.00	0.00097
120.00	25.00	0.00104	120.00	20.00	0.00115

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	0.00124	120.00	15.00	0.00132
120.00	13.00	0.00141	120.00	11.00	0.00150
120.00	9.00	0.00161	120.00	-9.00	0.00270
120.00	-11.00	0.00279	120.00	-13.00	0.00285
120.00	-15.00	0.00290	120.00	-17.00	0.00293
120.00	-20.00	0.00296	120.00	-25.00	0.00294
120.00	-30.00	0.00287	120.00	-40.00	0.00265
120.00	-50.00	0.00239	120.00	-60.00	0.00213
120.00	-70.00	0.00188	120.00	-80.00	0.00165
120.00	-90.00	0.00145	120.00	-100.00	0.00128
130.00	100.00	0.00086	130.00	90.00	0.00094
130.00	80.00	0.00102	130.00	70.00	0.00112
130.00	60.00	0.00123	130.00	50.00	0.00135
130.00	40.00	0.00147	130.00	30.00	0.00158
130.00	25.00	0.00164	130.00	20.00	0.00168
130.00	17.00	0.00171	130.00	15.00	0.00173
130.00	13.00	0.00177	130.00	11.00	0.00183
130.00	9.00	0.00192	130.00	-9.00	0.00368
130.00	-11.00	0.00371	130.00	-13.00	0.00372
130.00	-15.00	0.00371	130.00	-17.00	0.00370
130.00	-20.00	0.00366	130.00	-25.00	0.00355

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

130.00	-30.00	0.00340	130.00	-40.00	0.00305
130.00	-50.00	0.00268	130.00	-60.00	0.00233
130.00	-70.00	0.00202	130.00	-80.00	0.00175
130.00	-90.00	0.00152	130.00	-100.00	0.00133
140.00	100.00	0.00106	140.00	90.00	0.00118
140.00	80.00	0.00131	140.00	70.00	0.00148
140.00	60.00	0.00168	140.00	50.00	0.00193
140.00	40.00	0.00224	140.00	30.00	0.00263
140.00	25.00	0.00287	140.00	20.00	0.00314
140.00	17.00	0.00332	140.00	15.00	0.00346
140.00	13.00	0.00361	140.00	11.00	0.00379
140.00	9.00	0.00403	140.00	-9.00	0.00478
140.00	-11.00	0.00465	140.00	-13.00	0.00454
140.00	-15.00	0.00445	140.00	-17.00	0.00436
140.00	-20.00	0.00423	140.00	-25.00	0.00401
140.00	-30.00	0.00377	140.00	-40.00	0.00330
140.00	-50.00	0.00285	140.00	-60.00	0.00245
140.00	-70.00	0.00210	140.00	-80.00	0.00180
140.00	-90.00	0.00155	140.00	-100.00	0.00134

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	0.00124	150.00	90.00	0.00140
150.00	80.00	0.00159	150.00	70.00	0.00182
150.00	60.00	0.00211	150.00	50.00	0.00246
150.00	40.00	0.00291	150.00	30.00	0.00348
150.00	25.00	0.00381	150.00	20.00	0.00418
150.00	17.00	0.00442	150.00	15.00	0.00458
150.00	13.00	0.00474	150.00	11.00	0.00490
150.00	9.00	0.00509	150.00	-9.00	0.00502
150.00	-11.00	0.00489	150.00	-13.00	0.00479
150.00	-15.00	0.00470	150.00	-17.00	0.00461
150.00	-20.00	0.00447	150.00	-25.00	0.00422
150.00	-30.00	0.00395	150.00	-40.00	0.00341
150.00	-50.00	0.00292	150.00	-60.00	0.00248
150.00	-70.00	0.00211	150.00	-80.00	0.00180
150.00	-90.00	0.00154	150.00	-100.00	0.00133

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	100.00	0.00141	160.00	90.00	0.00160
160.00	80.00	0.00183	160.00	70.00	0.00212
160.00	60.00	0.00246	160.00	50.00	0.00288
160.00	40.00	0.00339	160.00	30.00	0.00401
160.00	25.00	0.00437	160.00	20.00	0.00474
160.00	17.00	0.00496	160.00	15.00	0.00510
160.00	13.00	0.00523	160.00	11.00	0.00536
160.00	9.00	0.00550	160.00	-9.00	0.00507
160.00	-11.00	0.00492	160.00	-13.00	0.00481
160.00	-15.00	0.00471	160.00	-17.00	0.00461
160.00	-20.00	0.00447	160.00	-25.00	0.00423
160.00	-30.00	0.00397	160.00	-40.00	0.00343
160.00	-50.00	0.00291	160.00	-60.00	0.00245
160.00	-70.00	0.00207	160.00	-80.00	0.00175
160.00	-90.00	0.00150	160.00	-100.00	0.00129
170.00	100.00	0.00154	170.00	90.00	0.00176
170.00	80.00	0.00203	170.00	70.00	0.00234
170.00	60.00	0.00272	170.00	50.00	0.00317
170.00	40.00	0.00371	170.00	30.00	0.00434
170.00	25.00	0.00468	170.00	20.00	0.00502
170.00	17.00	0.00521	170.00	15.00	0.00533
170.00	13.00	0.00544	170.00	11.00	0.00555
170.00	9.00	0.00566	170.00	-9.00	0.00501
170.00	-11.00	0.00486	170.00	-13.00	0.00473
170.00	-15.00	0.00461	170.00	-17.00	0.00450

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

17:14:39  
 \*\*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	0.00434	170.00	-25.00	0.00409
170.00	-30.00	0.00383	170.00	-40.00	0.00332
170.00	-50.00	0.00282	170.00	-60.00	0.00237
170.00	-70.00	0.00199	170.00	-80.00	0.00168
170.00	-90.00	0.00144	170.00	-100.00	0.00124
180.00	100.00	0.00163	180.00	90.00	0.00187
180.00	80.00	0.00215	180.00	70.00	0.00249
180.00	60.00	0.00290	180.00	50.00	0.00337
180.00	40.00	0.00392	180.00	30.00	0.00453

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	25.00	0.00485	180.00	20.00	0.00516
180.00	17.00	0.00532	180.00	15.00	0.00542
180.00	13.00	0.00551	180.00	11.00	0.00559
180.00	9.00	0.00568	180.00	-9.00	0.00486
180.00	-11.00	0.00469	180.00	-13.00	0.00454
180.00	-15.00	0.00441	180.00	-17.00	0.00429
180.00	-20.00	0.00412	180.00	-25.00	0.00385
180.00	-30.00	0.00360	180.00	-40.00	0.00310
180.00	-50.00	0.00263	180.00	-60.00	0.00222
180.00	-70.00	0.00187	180.00	-80.00	0.00159
180.00	-90.00	0.00135	180.00	-100.00	0.00116
190.00	100.00	0.00166	190.00	90.00	0.00191
190.00	80.00	0.00221	190.00	70.00	0.00257
190.00	60.00	0.00299	190.00	50.00	0.00349
190.00	40.00	0.00404	190.00	30.00	0.00464
190.00	25.00	0.00494	190.00	20.00	0.00520
190.00	17.00	0.00534	190.00	15.00	0.00542
190.00	13.00	0.00549	190.00	11.00	0.00554
190.00	9.00	0.00561	190.00	-9.00	0.00459
190.00	-11.00	0.00439	190.00	-13.00	0.00423
190.00	-15.00	0.00409	190.00	-17.00	0.00397
190.00	-20.00	0.00379	190.00	-25.00	0.00351
190.00	-30.00	0.00326	190.00	-40.00	0.00278
190.00	-50.00	0.00237	190.00	-60.00	0.00201
190.00	-70.00	0.00171	190.00	-80.00	0.00146
190.00	-90.00	0.00125	190.00	-100.00	0.00107
200.00	100.00	0.00164	200.00	90.00	0.00188
200.00	80.00	0.00218	200.00	70.00	0.00255
200.00	60.00	0.00298	200.00	50.00	0.00349
200.00	40.00	0.00406	200.00	30.00	0.00467
200.00	25.00	0.00495	200.00	20.00	0.00519

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

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

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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
200.00	17.00	0.00531	200.00	15.00	0.00536
200.00	13.00	0.00540	200.00	11.00	0.00543
200.00	9.00	0.00546	200.00	-9.00	0.00417

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-11.00	0.00395	200.00	-13.00	0.00378
200.00	-15.00	0.00364	200.00	-17.00	0.00351
200.00	-20.00	0.00333	200.00	-25.00	0.00306
200.00	-30.00	0.00281	200.00	-40.00	0.00240
200.00	-50.00	0.00205	200.00	-60.00	0.00176
200.00	-70.00	0.00150	200.00	-80.00	0.00129
200.00	-90.00	0.00111	200.00	-100.00	0.00096
210.00	100.00	0.00156	210.00	90.00	0.00179
210.00	80.00	0.00207	210.00	70.00	0.00241
210.00	60.00	0.00282	210.00	50.00	0.00331
210.00	40.00	0.00390	210.00	30.00	0.00454
210.00	25.00	0.00485	210.00	20.00	0.00511
210.00	17.00	0.00522	210.00	15.00	0.00526
210.00	13.00	0.00528	210.00	11.00	0.00528
210.00	9.00	0.00528	210.00	-9.00	0.00355
210.00	-11.00	0.00332	210.00	-13.00	0.00314
210.00	-15.00	0.00300	210.00	-17.00	0.00287
210.00	-20.00	0.00271	210.00	-25.00	0.00248
210.00	-30.00	0.00229	210.00	-40.00	0.00196
210.00	-50.00	0.00168	210.00	-60.00	0.00145
210.00	-70.00	0.00126	210.00	-80.00	0.00109
210.00	-90.00	0.00095	210.00	-100.00	0.00084
220.00	100.00	0.00144	220.00	90.00	0.00164
220.00	80.00	0.00188	220.00	70.00	0.00216
220.00	60.00	0.00249	220.00	50.00	0.00290
220.00	40.00	0.00339	220.00	30.00	0.00396
220.00	25.00	0.00428	220.00	20.00	0.00459
220.00	17.00	0.00475	220.00	15.00	0.00484
220.00	13.00	0.00491	220.00	11.00	0.00495
220.00	9.00	0.00497	220.00	-9.00	0.00253
220.00	-11.00	0.00235	220.00	-13.00	0.00222
220.00	-15.00	0.00212	220.00	-17.00	0.00204
220.00	-20.00	0.00194	220.00	-25.00	0.00180
220.00	-30.00	0.00168	220.00	-40.00	0.00147
220.00	-50.00	0.00130	220.00	-60.00	0.00115
220.00	-70.00	0.00102	220.00	-80.00	0.00091
220.00	-90.00	0.00081	220.00	-100.00	0.00072

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 ,



07NCRA\_NAPA95-300 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	0.00145	
230.00	80.00	0.00163	230.00	70.00	0.00184	
230.00	60.00	0.00208	230.00	50.00	0.00235	
230.00	40.00	0.00264	230.00	30.00	0.00292	
230.00	25.00	0.00304	230.00	20.00	0.00311	
230.00	17.00	0.00311	230.00	15.00	0.00308	
230.00	13.00	0.00303	230.00	11.00	0.00294	
230.00	9.00	0.00281	230.00	-9.00	0.00134	
230.00	-11.00	0.00133	230.00	-13.00	0.00131	
230.00	-15.00	0.00130	230.00	-17.00	0.00129	
230.00	-20.00	0.00127	230.00	-25.00	0.00123	
230.00	-30.00	0.00119	230.00	-40.00	0.00110	
230.00	-50.00	0.00100	230.00	-60.00	0.00091	
230.00	-70.00	0.00083	230.00	-80.00	0.00076	
230.00	-90.00	0.00069	230.00	-100.00	0.00062	
240.00	100.00	0.00114	240.00	90.00	0.00126	
240.00	80.00	0.00139	240.00	70.00	0.00153	
240.00	60.00	0.00169	240.00	50.00	0.00184	
240.00	40.00	0.00198	240.00	30.00	0.00206	
240.00	25.00	0.00206	240.00	20.00	0.00202	
240.00	17.00	0.00196	240.00	15.00	0.00191	
240.00	13.00	0.00184	240.00	11.00	0.00176	
240.00	9.00	0.00167	240.00	-9.00	0.00098	
240.00	-11.00	0.00096	240.00	-13.00	0.00094	
240.00	-15.00	0.00092	240.00	-17.00	0.00090	
240.00	-20.00	0.00089	240.00	-25.00	0.00088	
240.00	-30.00	0.00086	240.00	-40.00	0.00083	
240.00	-50.00	0.00079	240.00	-60.00	0.00073	
240.00	-70.00	0.00068	240.00	-80.00	0.00063	
240.00	-90.00	0.00058	240.00	-100.00	0.00054	
250.00	100.00	0.00099	250.00	90.00	0.00108	
250.00	80.00	0.00117	250.00	70.00	0.00126	
250.00	60.00	0.00135	250.00	50.00	0.00143	
250.00	40.00	0.00149	250.00	30.00	0.00149	
250.00	25.00	0.00146	250.00	20.00	0.00140	
250.00	17.00	0.00135	250.00	15.00	0.00131	
250.00	13.00	0.00126	250.00	11.00	0.00121	
250.00	9.00	0.00115	250.00	-9.00	0.00078	
250.00	-11.00	0.00077	250.00	-13.00	0.00075	
250.00	-15.00	0.00074	250.00	-17.00	0.00072	

04/20/08

07NCRA\_NAPA95-300\_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	0.00070	250.00	-25.00	0.00067
250.00	-30.00	0.00065	250.00	-40.00	0.00063
250.00	-50.00	0.00061	250.00	-60.00	0.00058
250.00	-70.00	0.00056	250.00	-80.00	0.00053
250.00	-90.00	0.00050	250.00	-100.00	0.00047

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* 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\_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	0.00007	-250.00	90.00	0.00008
-250.00	80.00	0.00008	-250.00	70.00	0.00008
-250.00	60.00	0.00009	-250.00	50.00	0.00009
-250.00	40.00	0.00009	-250.00	30.00	0.00010
-250.00	25.00	0.00010	-250.00	20.00	0.00010
-250.00	17.00	0.00010	-250.00	15.00	0.00010
-250.00	13.00	0.00011	-250.00	11.00	0.00011
-250.00	9.00	0.00011	-250.00	-9.00	0.00011
-250.00	-11.00	0.00011	-250.00	-13.00	0.00011
-250.00	-15.00	0.00011	-250.00	-17.00	0.00012
-250.00	-20.00	0.00012	-250.00	-25.00	0.00012
-250.00	-30.00	0.00012	-250.00	-40.00	0.00012
-250.00	-50.00	0.00013	-250.00	-60.00	0.00013
-250.00	-70.00	0.00013	-250.00	-80.00	0.00014
-250.00	-90.00	0.00014	-250.00	-100.00	0.00015
-240.00	100.00	0.00008	-240.00	90.00	0.00008
-240.00	80.00	0.00008	-240.00	70.00	0.00009
-240.00	60.00	0.00009	-240.00	50.00	0.00010
-240.00	40.00	0.00010	-240.00	30.00	0.00010
-240.00	25.00	0.00011	-240.00	20.00	0.00011

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	17.00	0.00011	-240.00	15.00	0.00011
-240.00	13.00	0.00011	-240.00	11.00	0.00011
-240.00	9.00	0.00011	-240.00	-9.00	0.00012
-240.00	-11.00	0.00012	-240.00	-13.00	0.00012
-240.00	-15.00	0.00012	-240.00	-17.00	0.00012
-240.00	-20.00	0.00012	-240.00	-25.00	0.00012
-240.00	-30.00	0.00013	-240.00	-40.00	0.00013
-240.00	-50.00	0.00013	-240.00	-60.00	0.00014
-240.00	-70.00	0.00014	-240.00	-80.00	0.00015
-240.00	-90.00	0.00015	-240.00	-100.00	0.00016
-230.00	100.00	0.00008	-230.00	90.00	0.00008
-230.00	80.00	0.00009	-230.00	70.00	0.00009
-230.00	60.00	0.00010	-230.00	50.00	0.00010
-230.00	40.00	0.00010	-230.00	30.00	0.00011
-230.00	25.00	0.00011	-230.00	20.00	0.00011
-230.00	17.00	0.00012	-230.00	15.00	0.00012
-230.00	13.00	0.00012	-230.00	11.00	0.00012
-230.00	9.00	0.00012	-230.00	-9.00	0.00013
-230.00	-11.00	0.00013	-230.00	-13.00	0.00013
-230.00	-15.00	0.00013	-230.00	-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
-230.00	-20.00	0.00013	-230.00	-25.00	0.00013
-230.00	-30.00	0.00013	-230.00	-40.00	0.00014
-230.00	-50.00	0.00014	-230.00	-60.00	0.00015
-230.00	-70.00	0.00015	-230.00	-80.00	0.00016
-230.00	-90.00	0.00016	-230.00	-100.00	0.00017
-220.00	100.00	0.00008	-220.00	90.00	0.00009
-220.00	80.00	0.00009	-220.00	70.00	0.00010
-220.00	60.00	0.00010	-220.00	50.00	0.00011
-220.00	40.00	0.00011	-220.00	30.00	0.00012
-220.00	25.00	0.00012	-220.00	20.00	0.00012
-220.00	17.00	0.00012	-220.00	15.00	0.00012
-220.00	13.00	0.00012	-220.00	11.00	0.00013
-220.00	9.00	0.00013	-220.00	-9.00	0.00013
-220.00	-11.00	0.00014	-220.00	-13.00	0.00014

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

04/20/08

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

17:14:39  
\*\*MODELOPTS:  
PAGE 45

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

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

04/20/08

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

17:14:39

\*\*MODELOPTS:  
PAGE 46

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

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

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

17:14:39  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

07NCRA NAPA95-300\_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	0.00023	-150.00	-25.00	0.00023
-150.00	-30.00	0.00024	-150.00	-40.00	0.00025
-150.00	-50.00	0.00026	-150.00	-60.00	0.00027
-150.00	-70.00	0.00028	-150.00	-80.00	0.00028
-150.00	-90.00	0.00028	-150.00	-100.00	0.00028
-140.00	100.00	0.00010	-140.00	90.00	0.00012
-140.00	80.00	0.00013	-140.00	70.00	0.00014
-140.00	60.00	0.00016	-140.00	50.00	0.00017
-140.00	40.00	0.00018	-140.00	30.00	0.00019
-140.00	25.00	0.00020	-140.00	20.00	0.00020
-140.00	17.00	0.00021	-140.00	15.00	0.00021
-140.00	13.00	0.00021	-140.00	11.00	0.00021
-140.00	9.00	0.00022	-140.00	-9.00	0.00024
-140.00	-11.00	0.00024	-140.00	-13.00	0.00024
-140.00	-15.00	0.00024	-140.00	-17.00	0.00024
-140.00	-20.00	0.00025	-140.00	-25.00	0.00025
-140.00	-30.00	0.00026	-140.00	-40.00	0.00027
-140.00	-50.00	0.00028	-140.00	-60.00	0.00029
-140.00	-70.00	0.00030	-140.00	-80.00	0.00031
-140.00	-90.00	0.00031	-140.00	-100.00	0.00030
-130.00	100.00	0.00011	-130.00	90.00	0.00012
-130.00	80.00	0.00014	-130.00	70.00	0.00015
-130.00	60.00	0.00017	-130.00	50.00	0.00018
-130.00	40.00	0.00019	-130.00	30.00	0.00021
-130.00	25.00	0.00021	-130.00	20.00	0.00022
-130.00	17.00	0.00022	-130.00	15.00	0.00023
-130.00	13.00	0.00023	-130.00	11.00	0.00023
-130.00	9.00	0.00023	-130.00	-9.00	0.00026
-130.00	-11.00	0.00026	-130.00	-13.00	0.00026
-130.00	-15.00	0.00026	-130.00	-17.00	0.00026
-130.00	-20.00	0.00027	-130.00	-25.00	0.00027
-130.00	-30.00	0.00028	-130.00	-40.00	0.00029
-130.00	-50.00	0.00031	-130.00	-60.00	0.00032
-130.00	-70.00	0.00033	-130.00	-80.00	0.00033
-130.00	-90.00	0.00033	-130.00	-100.00	0.00033
-120.00	100.00	0.00011	-120.00	90.00	0.00013
-120.00	80.00	0.00014	-120.00	70.00	0.00016
-120.00	60.00	0.00018	-120.00	50.00	0.00019
-120.00	40.00	0.00021	-120.00	30.00	0.00022
-120.00	25.00	0.00023	-120.00	20.00	0.00024

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

17:14:39

\*\*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	0.00024	-120.00	15.00	0.00024
-120.00	13.00	0.00025	-120.00	11.00	0.00025
-120.00	9.00	0.00025	-120.00	-9.00	0.00028
-120.00	-11.00	0.00028	-120.00	-13.00	0.00028
-120.00	-15.00	0.00029	-120.00	-17.00	0.00029
-120.00	-20.00	0.00029	-120.00	-25.00	0.00030
-120.00	-30.00	0.00031	-120.00	-40.00	0.00032
-120.00	-50.00	0.00034	-120.00	-60.00	0.00035
-120.00	-70.00	0.00036	-120.00	-80.00	0.00036
-120.00	-90.00	0.00036	-120.00	-100.00	0.00035
-110.00	100.00	0.00012	-110.00	90.00	0.00013
-110.00	80.00	0.00015	-110.00	70.00	0.00017
-110.00	60.00	0.00019	-110.00	50.00	0.00021
-110.00	40.00	0.00022	-110.00	30.00	0.00024
-110.00	25.00	0.00025	-110.00	20.00	0.00026
-110.00	17.00	0.00026	-110.00	15.00	0.00027
-110.00	13.00	0.00027	-110.00	11.00	0.00027
-110.00	9.00	0.00028	-110.00	-9.00	0.00031
-110.00	-11.00	0.00031	-110.00	-13.00	0.00031
-110.00	-15.00	0.00032	-110.00	-17.00	0.00032
-110.00	-20.00	0.00032	-110.00	-25.00	0.00033
-110.00	-30.00	0.00034	-110.00	-40.00	0.00036
-110.00	-50.00	0.00038	-110.00	-60.00	0.00039
-110.00	-70.00	0.00040	-110.00	-80.00	0.00040
-110.00	-90.00	0.00039	-110.00	-100.00	0.00038
-100.00	100.00	0.00012	-100.00	90.00	0.00014
-100.00	80.00	0.00015	-100.00	70.00	0.00017
-100.00	60.00	0.00020	-100.00	50.00	0.00022
-100.00	40.00	0.00024	-100.00	30.00	0.00026
-100.00	25.00	0.00027	-100.00	20.00	0.00028
-100.00	17.00	0.00029	-100.00	15.00	0.00029
-100.00	13.00	0.00030	-100.00	11.00	0.00030
-100.00	9.00	0.00030	-100.00	-9.00	0.00034
-100.00	-11.00	0.00034	-100.00	-13.00	0.00034



07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	-15.00	0.00035	-100.00	-17.00	0.00035
-100.00	-20.00	0.00036	-100.00	-25.00	0.00037
-100.00	-30.00	0.00038	-100.00	-40.00	0.00040
-100.00	-50.00	0.00042	-100.00	-60.00	0.00043
-100.00	-70.00	0.00044	-100.00	-80.00	0.00043
-100.00	-90.00	0.00043	-100.00	-100.00	0.00042

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

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

17:14:39

\*\*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	0.00013	-90.00	90.00	0.00014
-90.00	80.00	0.00016	-90.00	70.00	0.00018
-90.00	60.00	0.00021	-90.00	50.00	0.00024
-90.00	40.00	0.00026	-90.00	30.00	0.00028
-90.00	25.00	0.00030	-90.00	20.00	0.00031
-90.00	17.00	0.00031	-90.00	15.00	0.00032
-90.00	13.00	0.00032	-90.00	11.00	0.00033
-90.00	9.00	0.00033	-90.00	-9.00	0.00037
-90.00	-11.00	0.00038	-90.00	-13.00	0.00038
-90.00	-15.00	0.00039	-90.00	-17.00	0.00039
-90.00	-20.00	0.00040	-90.00	-25.00	0.00041
-90.00	-30.00	0.00042	-90.00	-40.00	0.00045
-90.00	-50.00	0.00047	-90.00	-60.00	0.00048
-90.00	-70.00	0.00048	-90.00	-80.00	0.00047
-90.00	-90.00	0.00047	-90.00	-100.00	0.00046
-80.00	100.00	0.00013	-80.00	90.00	0.00015
-80.00	80.00	0.00017	-80.00	70.00	0.00019
-80.00	60.00	0.00022	-80.00	50.00	0.00025
-80.00	40.00	0.00028	-80.00	30.00	0.00031
-80.00	25.00	0.00033	-80.00	20.00	0.00034
-80.00	17.00	0.00035	-80.00	15.00	0.00035
-80.00	13.00	0.00036	-80.00	11.00	0.00036
-80.00	9.00	0.00037	-80.00	-9.00	0.00042
-80.00	-11.00	0.00042	-80.00	-13.00	0.00043
-80.00	-15.00	0.00043	-80.00	-17.00	0.00044
-80.00	-20.00	0.00044	-80.00	-25.00	0.00046
-80.00	-30.00	0.00047	-80.00	-40.00	0.00050
-80.00	-50.00	0.00052	-80.00	-60.00	0.00053

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-80.00	-70.00	0.00053	-80.00	-80.00	0.00052
-80.00	-90.00	0.00051	-80.00	-100.00	0.00050
-70.00	100.00	0.00014	-70.00	90.00	0.00016
-70.00	80.00	0.00018	-70.00	70.00	0.00020
-70.00	60.00	0.00023	-70.00	50.00	0.00027
-70.00	40.00	0.00031	-70.00	30.00	0.00034
-70.00	25.00	0.00036	-70.00	20.00	0.00037
-70.00	17.00	0.00038	-70.00	15.00	0.00039
-70.00	13.00	0.00040	-70.00	11.00	0.00040
-70.00	9.00	0.00041	-70.00	-9.00	0.00047
-70.00	-11.00	0.00047	-70.00	-13.00	0.00048
-70.00	-15.00	0.00049	-70.00	-17.00	0.00049

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

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

17:14:39

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00050	-70.00	-25.00	0.00052
-70.00	-30.00	0.00054	-70.00	-40.00	0.00057
-70.00	-50.00	0.00059	-70.00	-60.00	0.00060
-70.00	-70.00	0.00059	-70.00	-80.00	0.00058
-70.00	-90.00	0.00056	-70.00	-100.00	0.00055
-60.00	100.00	0.00015	-60.00	90.00	0.00016
-60.00	80.00	0.00018	-60.00	70.00	0.00021
-60.00	60.00	0.00025	-60.00	50.00	0.00029
-60.00	40.00	0.00033	-60.00	30.00	0.00038
-60.00	25.00	0.00040	-60.00	20.00	0.00042
-60.00	17.00	0.00043	-60.00	15.00	0.00044
-60.00	13.00	0.00044	-60.00	11.00	0.00045
-60.00	9.00	0.00046	-60.00	-9.00	0.00053
-60.00	-11.00	0.00054	-60.00	-13.00	0.00054
-60.00	-15.00	0.00055	-60.00	-17.00	0.00056
-60.00	-20.00	0.00057	-60.00	-25.00	0.00059
-60.00	-30.00	0.00061	-60.00	-40.00	0.00065
-60.00	-50.00	0.00067	-60.00	-60.00	0.00067
-60.00	-70.00	0.00066	-60.00	-80.00	0.00064
-60.00	-90.00	0.00062	-60.00	-100.00	0.00060
-50.00	100.00	0.00016	-50.00	90.00	0.00017
-50.00	80.00	0.00020	-50.00	70.00	0.00022

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	60.00	0.00026	-50.00	50.00	0.00031
-50.00	40.00	0.00036	-50.00	30.00	0.00042
-50.00	25.00	0.00044	-50.00	20.00	0.00046
-50.00	17.00	0.00048	-50.00	15.00	0.00049
-50.00	13.00	0.00050	-50.00	11.00	0.00051
-50.00	9.00	0.00052	-50.00	-9.00	0.00060
-50.00	-11.00	0.00061	-50.00	-13.00	0.00062
-50.00	-15.00	0.00063	-50.00	-17.00	0.00064
-50.00	-20.00	0.00065	-50.00	-25.00	0.00068
-50.00	-30.00	0.00071	-50.00	-40.00	0.00075
-50.00	-50.00	0.00076	-50.00	-60.00	0.00075
-50.00	-70.00	0.00074	-50.00	-80.00	0.00072
-50.00	-90.00	0.00069	-50.00	-100.00	0.00067
-40.00	100.00	0.00017	-40.00	90.00	0.00019
-40.00	80.00	0.00021	-40.00	70.00	0.00024
-40.00	60.00	0.00027	-40.00	50.00	0.00033
-40.00	40.00	0.00039	-40.00	30.00	0.00046
-40.00	25.00	0.00049	-40.00	20.00	0.00052

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

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

17:14:39

\*\*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	0.00054	-40.00	15.00	0.00055
-40.00	13.00	0.00056	-40.00	11.00	0.00058
-40.00	9.00	0.00059	-40.00	-9.00	0.00069
-40.00	-11.00	0.00070	-40.00	-13.00	0.00072
-40.00	-15.00	0.00073	-40.00	-17.00	0.00074
-40.00	-20.00	0.00076	-40.00	-25.00	0.00079
-40.00	-30.00	0.00082	-40.00	-40.00	0.00086
-40.00	-50.00	0.00087	-40.00	-60.00	0.00085
-40.00	-70.00	0.00083	-40.00	-80.00	0.00080
-40.00	-90.00	0.00077	-40.00	-100.00	0.00073
-30.00	100.00	0.00019	-30.00	90.00	0.00020
-30.00	80.00	0.00022	-30.00	70.00	0.00025
-30.00	60.00	0.00029	-30.00	50.00	0.00035
-30.00	40.00	0.00042	-30.00	30.00	0.00050
-30.00	25.00	0.00055	-30.00	20.00	0.00059
-30.00	17.00	0.00061	-30.00	15.00	0.00062

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	13.00	0.00064	-30.00	11.00	0.00066
-30.00	9.00	0.00067	-30.00	-9.00	0.00080
-30.00	-11.00	0.00082	-30.00	-13.00	0.00083
-30.00	-15.00	0.00085	-30.00	-17.00	0.00087
-30.00	-20.00	0.00089	-30.00	-25.00	0.00093
-30.00	-30.00	0.00097	-30.00	-40.00	0.00100
-30.00	-50.00	0.00100	-30.00	-60.00	0.00097
-30.00	-70.00	0.00094	-30.00	-80.00	0.00090
-30.00	-90.00	0.00085	-30.00	-100.00	0.00080
-20.00	100.00	0.00021	-20.00	90.00	0.00022
-20.00	80.00	0.00024	-20.00	70.00	0.00027
-20.00	60.00	0.00031	-20.00	50.00	0.00037
-20.00	40.00	0.00045	-20.00	30.00	0.00055
-20.00	25.00	0.00061	-20.00	20.00	0.00066
-20.00	17.00	0.00069	-20.00	15.00	0.00071
-20.00	13.00	0.00073	-20.00	11.00	0.00075
-20.00	9.00	0.00077	-20.00	-9.00	0.00095
-20.00	-11.00	0.00097	-20.00	-13.00	0.00099
-20.00	-15.00	0.00101	-20.00	-17.00	0.00103
-20.00	-20.00	0.00106	-20.00	-25.00	0.00111
-20.00	-30.00	0.00114	-20.00	-40.00	0.00117
-20.00	-50.00	0.00115	-20.00	-60.00	0.00112
-20.00	-70.00	0.00107	-20.00	-80.00	0.00101
-20.00	-90.00	0.00095	-20.00	-100.00	0.00088

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

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

17:14:39

\*\*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	0.00025	-10.00	90.00	0.00026
-10.00	80.00	0.00028	-10.00	70.00	0.00030
-10.00	60.00	0.00034	-10.00	50.00	0.00040
-10.00	40.00	0.00049	-10.00	30.00	0.00061
-10.00	25.00	0.00068	-10.00	20.00	0.00075
-10.00	17.00	0.00079	-10.00	15.00	0.00082
-10.00	13.00	0.00084	-10.00	11.00	0.00087
-10.00	9.00	0.00089	-10.00	-9.00	0.00113
-10.00	-11.00	0.00115	-10.00	-13.00	0.00118
-10.00	-15.00	0.00121	-10.00	-17.00	0.00124

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-20.00	0.00128	-10.00	-25.00	0.00133
-10.00	-30.00	0.00136	-10.00	-40.00	0.00137
-10.00	-50.00	0.00134	-10.00	-60.00	0.00128
-10.00	-70.00	0.00121	-10.00	-80.00	0.00113
-10.00	-90.00	0.00104	-10.00	-100.00	0.00096
0.00	100.00	0.00031	0.00	90.00	0.00032
0.00	80.00	0.00033	0.00	70.00	0.00035
0.00	60.00	0.00038	0.00	50.00	0.00043
0.00	40.00	0.00053	0.00	30.00	0.00066
0.00	25.00	0.00074	0.00	20.00	0.00084
0.00	17.00	0.00090	0.00	15.00	0.00093
0.00	13.00	0.00097	0.00	11.00	0.00101
0.00	9.00	0.00104	0.00	-9.00	0.00136
0.00	-11.00	0.00140	0.00	-13.00	0.00144
0.00	-15.00	0.00148	0.00	-17.00	0.00152
0.00	-20.00	0.00156	0.00	-25.00	0.00161
0.00	-30.00	0.00163	0.00	-40.00	0.00163
0.00	-50.00	0.00156	0.00	-60.00	0.00147
0.00	-70.00	0.00136	0.00	-80.00	0.00125
0.00	-90.00	0.00114	0.00	-100.00	0.00104
10.00	100.00	0.00040	10.00	90.00	0.00040
10.00	80.00	0.00041	10.00	70.00	0.00043
10.00	60.00	0.00045	10.00	50.00	0.00049
10.00	40.00	0.00057	10.00	30.00	0.00072
10.00	25.00	0.00081	10.00	20.00	0.00093
10.00	17.00	0.00101	10.00	15.00	0.00106
10.00	13.00	0.00111	10.00	11.00	0.00117
10.00	9.00	0.00122	10.00	-9.00	0.00168
10.00	-11.00	0.00173	10.00	-13.00	0.00178
10.00	-15.00	0.00183	10.00	-17.00	0.00187

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
10.00	-20.00	0.00192	10.00	-25.00	0.00196
10.00	-30.00	0.00198	10.00	-40.00	0.00193
10.00	-50.00	0.00182	10.00	-60.00	0.00167
10.00	-70.00	0.00152	10.00	-80.00	0.00138

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

10.00	-90.00	0.00124	10.00	-100.00	0.00112
20.00	100.00	0.00052	20.00	90.00	0.00054
20.00	80.00	0.00055	20.00	70.00	0.00057
20.00	60.00	0.00059	20.00	50.00	0.00061
20.00	40.00	0.00067	20.00	30.00	0.00079
20.00	25.00	0.00089	20.00	20.00	0.00102
20.00	17.00	0.00112	20.00	15.00	0.00119
20.00	13.00	0.00126	20.00	11.00	0.00133
20.00	9.00	0.00141	20.00	-9.00	0.00210
20.00	-11.00	0.00217	20.00	-13.00	0.00224
20.00	-15.00	0.00229	20.00	-17.00	0.00233
20.00	-20.00	0.00237	20.00	-25.00	0.00241
20.00	-30.00	0.00240	20.00	-40.00	0.00228
20.00	-50.00	0.00209	20.00	-60.00	0.00189
20.00	-70.00	0.00170	20.00	-80.00	0.00152
20.00	-90.00	0.00135	20.00	-100.00	0.00121
30.00	100.00	0.00067	30.00	90.00	0.00072
30.00	80.00	0.00076	30.00	70.00	0.00080
30.00	60.00	0.00084	30.00	50.00	0.00088
30.00	40.00	0.00091	30.00	30.00	0.00097
30.00	25.00	0.00104	30.00	20.00	0.00115
30.00	17.00	0.00124	30.00	15.00	0.00132
30.00	13.00	0.00141	30.00	11.00	0.00150
30.00	9.00	0.00161	30.00	-9.00	0.00270
30.00	-11.00	0.00279	30.00	-13.00	0.00285
30.00	-15.00	0.00290	30.00	-17.00	0.00293
30.00	-20.00	0.00296	30.00	-25.00	0.00294
30.00	-30.00	0.00287	30.00	-40.00	0.00265
30.00	-50.00	0.00239	30.00	-60.00	0.00213
30.00	-70.00	0.00188	30.00	-80.00	0.00165
30.00	-90.00	0.00145	30.00	-100.00	0.00128
40.00	100.00	0.00086	40.00	90.00	0.00094
40.00	80.00	0.00102	40.00	70.00	0.00112
40.00	60.00	0.00123	40.00	50.00	0.00135
40.00	40.00	0.00147	40.00	30.00	0.00158
40.00	25.00	0.00164	40.00	20.00	0.00168

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 \*\*\*

07NCRA\_NAPA95-300\_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	0.00171	40.00	15.00	0.00173
40.00	13.00	0.00177	40.00	11.00	0.00183
40.00	9.00	0.00192	40.00	-9.00	0.00368
40.00	-11.00	0.00371	40.00	-13.00	0.00372
40.00	-15.00	0.00371	40.00	-17.00	0.00370
40.00	-20.00	0.00366	40.00	-25.00	0.00355
40.00	-30.00	0.00340	40.00	-40.00	0.00305
40.00	-50.00	0.00268	40.00	-60.00	0.00233
40.00	-70.00	0.00202	40.00	-80.00	0.00175
40.00	-90.00	0.00152	40.00	-100.00	0.00133
50.00	100.00	0.00106	50.00	90.00	0.00118
50.00	80.00	0.00131	50.00	70.00	0.00148
50.00	60.00	0.00168	50.00	50.00	0.00193
50.00	40.00	0.00224	50.00	30.00	0.00263
50.00	25.00	0.00287	50.00	20.00	0.00314
50.00	17.00	0.00332	50.00	15.00	0.00346
50.00	13.00	0.00361	50.00	11.00	0.00379
50.00	9.00	0.00403	50.00	-9.00	0.00478
50.00	-11.00	0.00465	50.00	-13.00	0.00454
50.00	-15.00	0.00445	50.00	-17.00	0.00436
50.00	-20.00	0.00423	50.00	-25.00	0.00401
50.00	-30.00	0.00377	50.00	-40.00	0.00330
50.00	-50.00	0.00285	50.00	-60.00	0.00245
50.00	-70.00	0.00210	50.00	-80.00	0.00180
50.00	-90.00	0.00155	50.00	-100.00	0.00134
60.00	100.00	0.00124	60.00	90.00	0.00140
60.00	80.00	0.00159	60.00	70.00	0.00182
60.00	60.00	0.00211	60.00	50.00	0.00246
60.00	40.00	0.00291	60.00	30.00	0.00348
60.00	25.00	0.00381	60.00	20.00	0.00418
60.00	17.00	0.00442	60.00	15.00	0.00458
60.00	13.00	0.00474	60.00	11.00	0.00490
60.00	9.00	0.00509	60.00	-9.00	0.00502
60.00	-11.00	0.00489	60.00	-13.00	0.00479
60.00	-15.00	0.00470	60.00	-17.00	0.00461
60.00	-20.00	0.00447	60.00	-25.00	0.00422
60.00	-30.00	0.00395	60.00	-40.00	0.00341
60.00	-50.00	0.00292	60.00	-60.00	0.00248
60.00	-70.00	0.00211	60.00	-80.00	0.00180
60.00	-90.00	0.00154	60.00	-100.00	0.00133

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\_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	0.00141	70.00	90.00	0.00160	
70.00	80.00	0.00183	70.00	70.00	0.00212	
70.00	60.00	0.00246	70.00	50.00	0.00288	
70.00	40.00	0.00339	70.00	30.00	0.00401	
70.00	25.00	0.00437	70.00	20.00	0.00474	
70.00	17.00	0.00496	70.00	15.00	0.00510	
70.00	13.00	0.00523	70.00	11.00	0.00536	
70.00	9.00	0.00550	70.00	-9.00	0.00507	
70.00	-11.00	0.00492	70.00	-13.00	0.00481	
70.00	-15.00	0.00471	70.00	-17.00	0.00461	
70.00	-20.00	0.00447	70.00	-25.00	0.00423	
70.00	-30.00	0.00397	70.00	-40.00	0.00343	
70.00	-50.00	0.00291	70.00	-60.00	0.00245	
70.00	-70.00	0.00207	70.00	-80.00	0.00175	
70.00	-90.00	0.00150	70.00	-100.00	0.00129	
80.00	100.00	0.00154	80.00	90.00	0.00176	
80.00	80.00	0.00203	80.00	70.00	0.00234	
80.00	60.00	0.00272	80.00	50.00	0.00317	
80.00	40.00	0.00371	80.00	30.00	0.00434	
80.00	25.00	0.00468	80.00	20.00	0.00502	
80.00	17.00	0.00521	80.00	15.00	0.00533	
80.00	13.00	0.00544	80.00	11.00	0.00555	
80.00	9.00	0.00566	80.00	-9.00	0.00501	
80.00	-11.00	0.00486	80.00	-13.00	0.00473	
80.00	-15.00	0.00461	80.00	-17.00	0.00450	
80.00	-20.00	0.00434	80.00	-25.00	0.00409	
80.00	-30.00	0.00383	80.00	-40.00	0.00332	
80.00	-50.00	0.00282	80.00	-60.00	0.00237	
80.00	-70.00	0.00199	80.00	-80.00	0.00168	
80.00	-90.00	0.00144	80.00	-100.00	0.00124	
90.00	100.00	0.00163	90.00	90.00	0.00187	
90.00	80.00	0.00215	90.00	70.00	0.00249	
90.00	60.00	0.00290	90.00	50.00	0.00337	
90.00	40.00	0.00392	90.00	30.00	0.00453	
90.00	25.00	0.00485	90.00	20.00	0.00516	
90.00	17.00	0.00532	90.00	15.00	0.00542	



07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00	13.00	0.00551	90.00	11.00	0.00559
90.00	9.00	0.00568	90.00	-9.00	0.00486
90.00	-11.00	0.00469	90.00	-13.00	0.00454
90.00	-15.00	0.00441	90.00	-17.00	0.00429

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	0.00412	90.00	-25.00	0.00385
90.00	-30.00	0.00360	90.00	-40.00	0.00310
90.00	-50.00	0.00263	90.00	-60.00	0.00222
90.00	-70.00	0.00187	90.00	-80.00	0.00159
90.00	-90.00	0.00135	90.00	-100.00	0.00116
100.00	100.00	0.00166	100.00	90.00	0.00191
100.00	80.00	0.00221	100.00	70.00	0.00257
100.00	60.00	0.00299	100.00	50.00	0.00349
100.00	40.00	0.00404	100.00	30.00	0.00464
100.00	25.00	0.00494	100.00	20.00	0.00520
100.00	17.00	0.00534	100.00	15.00	0.00542
100.00	13.00	0.00549	100.00	11.00	0.00554
100.00	9.00	0.00561	100.00	-9.00	0.00459
100.00	-11.00	0.00439	100.00	-13.00	0.00423
100.00	-15.00	0.00409	100.00	-17.00	0.00397
100.00	-20.00	0.00379	100.00	-25.00	0.00351
100.00	-30.00	0.00326	100.00	-40.00	0.00278
100.00	-50.00	0.00237	100.00	-60.00	0.00201
100.00	-70.00	0.00171	100.00	-80.00	0.00146
100.00	-90.00	0.00125	100.00	-100.00	0.00107
110.00	100.00	0.00164	110.00	90.00	0.00188
110.00	80.00	0.00218	110.00	70.00	0.00255
110.00	60.00	0.00298	110.00	50.00	0.00349
110.00	40.00	0.00406	110.00	30.00	0.00467
110.00	25.00	0.00495	110.00	20.00	0.00519
110.00	17.00	0.00531	110.00	15.00	0.00536
110.00	13.00	0.00540	110.00	11.00	0.00543
110.00	9.00	0.00546	110.00	-9.00	0.00417
110.00	-11.00	0.00395	110.00	-13.00	0.00378
110.00	-15.00	0.00364	110.00	-17.00	0.00351

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	-20.00	0.00333	110.00	-25.00	0.00306
110.00	-30.00	0.00281	110.00	-40.00	0.00240
110.00	-50.00	0.00205	110.00	-60.00	0.00176
110.00	-70.00	0.00150	110.00	-80.00	0.00129
110.00	-90.00	0.00111	110.00	-100.00	0.00096
120.00	100.00	0.00156	120.00	90.00	0.00179
120.00	80.00	0.00207	120.00	70.00	0.00241
120.00	60.00	0.00282	120.00	50.00	0.00331
120.00	40.00	0.00390	120.00	30.00	0.00454
120.00	25.00	0.00485	120.00	20.00	0.00511

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

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

17:14:39

\*\*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	0.00522	120.00	15.00	0.00526
120.00	13.00	0.00528	120.00	11.00	0.00528
120.00	9.00	0.00528	120.00	-9.00	0.00355
120.00	-11.00	0.00332	120.00	-13.00	0.00314
120.00	-15.00	0.00300	120.00	-17.00	0.00287
120.00	-20.00	0.00271	120.00	-25.00	0.00248
120.00	-30.00	0.00229	120.00	-40.00	0.00196
120.00	-50.00	0.00168	120.00	-60.00	0.00145
120.00	-70.00	0.00126	120.00	-80.00	0.00109
120.00	-90.00	0.00095	120.00	-100.00	0.00084
130.00	100.00	0.00144	130.00	90.00	0.00164
130.00	80.00	0.00188	130.00	70.00	0.00216
130.00	60.00	0.00249	130.00	50.00	0.00290
130.00	40.00	0.00339	130.00	30.00	0.00396
130.00	25.00	0.00428	130.00	20.00	0.00459
130.00	17.00	0.00475	130.00	15.00	0.00484
130.00	13.00	0.00491	130.00	11.00	0.00495
130.00	9.00	0.00497	130.00	-9.00	0.00253
130.00	-11.00	0.00235	130.00	-13.00	0.00222
130.00	-15.00	0.00212	130.00	-17.00	0.00204
130.00	-20.00	0.00194	130.00	-25.00	0.00180
130.00	-30.00	0.00168	130.00	-40.00	0.00147
130.00	-50.00	0.00130	130.00	-60.00	0.00115
130.00	-70.00	0.00102	130.00	-80.00	0.00091

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

130.00	-90.00	0.00081	130.00	-100.00	0.00072
140.00	100.00	0.00129	140.00	90.00	0.00145
140.00	80.00	0.00163	140.00	70.00	0.00184
140.00	60.00	0.00208	140.00	50.00	0.00235
140.00	40.00	0.00264	140.00	30.00	0.00292
140.00	25.00	0.00304	140.00	20.00	0.00311
140.00	17.00	0.00311	140.00	15.00	0.00308
140.00	13.00	0.00303	140.00	11.00	0.00294
140.00	9.00	0.00281	140.00	-9.00	0.00134
140.00	-11.00	0.00133	140.00	-13.00	0.00131
140.00	-15.00	0.00130	140.00	-17.00	0.00129
140.00	-20.00	0.00127	140.00	-25.00	0.00123
140.00	-30.00	0.00119	140.00	-40.00	0.00110
140.00	-50.00	0.00100	140.00	-60.00	0.00091
140.00	-70.00	0.00083	140.00	-80.00	0.00076
140.00	-90.00	0.00069	140.00	-100.00	0.00062

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

17:14:39

\*\*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	0.00114	150.00	90.00	0.00126
150.00	80.00	0.00139	150.00	70.00	0.00153
150.00	60.00	0.00169	150.00	50.00	0.00184
150.00	40.00	0.00198	150.00	30.00	0.00206
150.00	25.00	0.00206	150.00	20.00	0.00202
150.00	17.00	0.00196	150.00	15.00	0.00191
150.00	13.00	0.00184	150.00	11.00	0.00176
150.00	9.00	0.00167	150.00	-9.00	0.00098
150.00	-11.00	0.00096	150.00	-13.00	0.00094
150.00	-15.00	0.00092	150.00	-17.00	0.00090
150.00	-20.00	0.00089	150.00	-25.00	0.00088
150.00	-30.00	0.00086	150.00	-40.00	0.00083
150.00	-50.00	0.00079	150.00	-60.00	0.00073
150.00	-70.00	0.00068	150.00	-80.00	0.00063
150.00	-90.00	0.00058	150.00	-100.00	0.00054
160.00	100.00	0.00099	160.00	90.00	0.00108
160.00	80.00	0.00117	160.00	70.00	0.00126
160.00	60.00	0.00135	160.00	50.00	0.00143

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	40.00	0.00149	160.00	30.00	0.00149
160.00	25.00	0.00146	160.00	20.00	0.00140
160.00	17.00	0.00135	160.00	15.00	0.00131
160.00	13.00	0.00126	160.00	11.00	0.00121
160.00	9.00	0.00115	160.00	-9.00	0.00078
160.00	-11.00	0.00077	160.00	-13.00	0.00075
160.00	-15.00	0.00074	160.00	-17.00	0.00072
160.00	-20.00	0.00070	160.00	-25.00	0.00067
160.00	-30.00	0.00065	160.00	-40.00	0.00063
160.00	-50.00	0.00061	160.00	-60.00	0.00058
160.00	-70.00	0.00056	160.00	-80.00	0.00053
160.00	-90.00	0.00050	160.00	-100.00	0.00047
170.00	100.00	0.00085	170.00	90.00	0.00091
170.00	80.00	0.00097	170.00	70.00	0.00103
170.00	60.00	0.00109	170.00	50.00	0.00113
170.00	40.00	0.00114	170.00	30.00	0.00111
170.00	25.00	0.00108	170.00	20.00	0.00103
170.00	17.00	0.00099	170.00	15.00	0.00096
170.00	13.00	0.00092	170.00	11.00	0.00089
170.00	9.00	0.00086	170.00	-9.00	0.00063
170.00	-11.00	0.00062	170.00	-13.00	0.00061
170.00	-15.00	0.00061	170.00	-17.00	0.00060

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
170.00	-20.00	0.00058	170.00	-25.00	0.00056
170.00	-30.00	0.00053	170.00	-40.00	0.00049
170.00	-50.00	0.00047	170.00	-60.00	0.00046
170.00	-70.00	0.00045	170.00	-80.00	0.00043
170.00	-90.00	0.00042	170.00	-100.00	0.00040
180.00	100.00	0.00073	180.00	90.00	0.00077
180.00	80.00	0.00082	180.00	70.00	0.00085
180.00	60.00	0.00089	180.00	50.00	0.00090
180.00	40.00	0.00089	180.00	30.00	0.00086
180.00	25.00	0.00082	180.00	20.00	0.00078
180.00	17.00	0.00075	180.00	15.00	0.00073
180.00	13.00	0.00071	180.00	11.00	0.00069

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	9.00	0.00066	180.00	-9.00	0.00052
180.00	-11.00	0.00051	180.00	-13.00	0.00050
180.00	-15.00	0.00050	180.00	-17.00	0.00049
180.00	-20.00	0.00049	180.00	-25.00	0.00047
180.00	-30.00	0.00045	180.00	-40.00	0.00041
180.00	-50.00	0.00038	180.00	-60.00	0.00037
180.00	-70.00	0.00036	180.00	-80.00	0.00035
180.00	-90.00	0.00034	180.00	-100.00	0.00034
190.00	100.00	0.00063	190.00	90.00	0.00066
190.00	80.00	0.00069	190.00	70.00	0.00071
190.00	60.00	0.00072	190.00	50.00	0.00072
190.00	40.00	0.00071	190.00	30.00	0.00068
190.00	25.00	0.00065	190.00	20.00	0.00062
190.00	17.00	0.00060	190.00	15.00	0.00058
190.00	13.00	0.00057	190.00	11.00	0.00055
190.00	9.00	0.00053	190.00	-9.00	0.00043
190.00	-11.00	0.00043	190.00	-13.00	0.00042
190.00	-15.00	0.00042	190.00	-17.00	0.00041
190.00	-20.00	0.00041	190.00	-25.00	0.00040
190.00	-30.00	0.00039	190.00	-40.00	0.00035
190.00	-50.00	0.00032	190.00	-60.00	0.00030
190.00	-70.00	0.00029	190.00	-80.00	0.00029
190.00	-90.00	0.00028	190.00	-100.00	0.00028
200.00	100.00	0.00055	200.00	90.00	0.00057
200.00	80.00	0.00059	200.00	70.00	0.00060
200.00	60.00	0.00060	200.00	50.00	0.00060
200.00	40.00	0.00058	200.00	30.00	0.00055
200.00	25.00	0.00053	200.00	20.00	0.00050

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
200.00	17.00	0.00048	200.00	15.00	0.00047
200.00	13.00	0.00046	200.00	11.00	0.00045
200.00	9.00	0.00044	200.00	-9.00	0.00037
200.00	-11.00	0.00036	200.00	-13.00	0.00036
200.00	-15.00	0.00035	200.00	-17.00	0.00035
200.00	-20.00	0.00034	200.00	-25.00	0.00034

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-30.00	0.00033	200.00	-40.00	0.00031
200.00	-50.00	0.00028	200.00	-60.00	0.00026
200.00	-70.00	0.00025	200.00	-80.00	0.00024
200.00	-90.00	0.00023	200.00	-100.00	0.00023
210.00	100.00	0.00048	210.00	90.00	0.00049
210.00	80.00	0.00050	210.00	70.00	0.00050
210.00	60.00	0.00050	210.00	50.00	0.00050
210.00	40.00	0.00048	210.00	30.00	0.00045
210.00	25.00	0.00043	210.00	20.00	0.00041
210.00	17.00	0.00040	210.00	15.00	0.00039
210.00	13.00	0.00038	210.00	11.00	0.00037
210.00	9.00	0.00037	210.00	-9.00	0.00031
210.00	-11.00	0.00031	210.00	-13.00	0.00031
210.00	-15.00	0.00030	210.00	-17.00	0.00030
210.00	-20.00	0.00029	210.00	-25.00	0.00029
210.00	-30.00	0.00029	210.00	-40.00	0.00028
210.00	-50.00	0.00025	210.00	-60.00	0.00023
210.00	-70.00	0.00021	210.00	-80.00	0.00020
210.00	-90.00	0.00020	210.00	-100.00	0.00020
220.00	100.00	0.00042	220.00	90.00	0.00042
220.00	80.00	0.00043	220.00	70.00	0.00043
220.00	60.00	0.00043	220.00	50.00	0.00042
220.00	40.00	0.00040	220.00	30.00	0.00038
220.00	25.00	0.00036	220.00	20.00	0.00035
220.00	17.00	0.00034	220.00	15.00	0.00033
220.00	13.00	0.00032	220.00	11.00	0.00032
220.00	9.00	0.00031	220.00	-9.00	0.00027
220.00	-11.00	0.00027	220.00	-13.00	0.00027
220.00	-15.00	0.00026	220.00	-17.00	0.00026
220.00	-20.00	0.00026	220.00	-25.00	0.00025
220.00	-30.00	0.00025	220.00	-40.00	0.00024
220.00	-50.00	0.00023	220.00	-60.00	0.00021
220.00	-70.00	0.00019	220.00	-80.00	0.00018
220.00	-90.00	0.00017	220.00	-100.00	0.00017

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

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

17:14:39

\*\*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

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	100.00	0.00037	230.00	90.00	0.00037
230.00	80.00	0.00037	230.00	70.00	0.00037
230.00	60.00	0.00037	230.00	50.00	0.00036
230.00	40.00	0.00034	230.00	30.00	0.00032
230.00	25.00	0.00031	230.00	20.00	0.00030
230.00	17.00	0.00029	230.00	15.00	0.00028
230.00	13.00	0.00028	230.00	11.00	0.00027
230.00	9.00	0.00027	230.00	-9.00	0.00024
230.00	-11.00	0.00023	230.00	-13.00	0.00023
230.00	-15.00	0.00023	230.00	-17.00	0.00023
230.00	-20.00	0.00022	230.00	-25.00	0.00022
230.00	-30.00	0.00022	230.00	-40.00	0.00021
230.00	-50.00	0.00021	230.00	-60.00	0.00019
230.00	-70.00	0.00017	230.00	-80.00	0.00016
230.00	-90.00	0.00015	230.00	-100.00	0.00015
240.00	100.00	0.00032	240.00	90.00	0.00032
240.00	80.00	0.00033	240.00	70.00	0.00032
240.00	60.00	0.00032	240.00	50.00	0.00031
240.00	40.00	0.00029	240.00	30.00	0.00028
240.00	25.00	0.00027	240.00	20.00	0.00026
240.00	17.00	0.00025	240.00	15.00	0.00024
240.00	13.00	0.00024	240.00	11.00	0.00024
240.00	9.00	0.00023	240.00	-9.00	0.00021
240.00	-11.00	0.00021	240.00	-13.00	0.00020
240.00	-15.00	0.00020	240.00	-17.00	0.00020
240.00	-20.00	0.00020	240.00	-25.00	0.00019
240.00	-30.00	0.00019	240.00	-40.00	0.00019
240.00	-50.00	0.00018	240.00	-60.00	0.00017
240.00	-70.00	0.00016	240.00	-80.00	0.00015
240.00	-90.00	0.00014	240.00	-100.00	0.00013
250.00	100.00	0.00029	250.00	90.00	0.00029
250.00	80.00	0.00029	250.00	70.00	0.00028
250.00	60.00	0.00028	250.00	50.00	0.00027
250.00	40.00	0.00025	250.00	30.00	0.00024
250.00	25.00	0.00023	250.00	20.00	0.00022
250.00	17.00	0.00022	250.00	15.00	0.00021
250.00	13.00	0.00021	250.00	11.00	0.00021
250.00	9.00	0.00020	250.00	-9.00	0.00019
250.00	-11.00	0.00018	250.00	-13.00	0.00018
250.00	-15.00	0.00018	250.00	-17.00	0.00018

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	0.00018	250.00	-25.00	0.00017	
250.00	-30.00	0.00017	250.00	-40.00	0.00017	
250.00	-50.00	0.00017	250.00	-60.00	0.00016	
250.00	-70.00	0.00015	250.00	-80.00	0.00014	
250.00	-90.00	0.00013	250.00	-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:  
 PAGE 63  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-250.00	100.00	0.00010	-250.00	90.00	0.00011	
-250.00	80.00	0.00012	-250.00	70.00	0.00013	
-250.00	60.00	0.00014	-250.00	50.00	0.00015	
-250.00	40.00	0.00016	-250.00	30.00	0.00017	
-250.00	25.00	0.00017	-250.00	20.00	0.00018	
-250.00	17.00	0.00018	-250.00	15.00	0.00018	
-250.00	13.00	0.00018	-250.00	11.00	0.00018	
-250.00	9.00	0.00019	-250.00	-9.00	0.00020	
-250.00	-11.00	0.00020	-250.00	-13.00	0.00020	
-250.00	-15.00	0.00021	-250.00	-17.00	0.00021	
-250.00	-20.00	0.00021	-250.00	-25.00	0.00021	
-250.00	-30.00	0.00022	-250.00	-40.00	0.00023	
-250.00	-50.00	0.00024	-250.00	-60.00	0.00025	
-250.00	-70.00	0.00025	-250.00	-80.00	0.00026	
-250.00	-90.00	0.00026	-250.00	-100.00	0.00026	
-240.00	100.00	0.00010	-240.00	90.00	0.00011	
-240.00	80.00	0.00012	-240.00	70.00	0.00014	
-240.00	60.00	0.00015	-240.00	50.00	0.00016	
-240.00	40.00	0.00017	-240.00	30.00	0.00018	
-240.00	25.00	0.00018	-240.00	20.00	0.00019	
-240.00	17.00	0.00019	-240.00	15.00	0.00019	
-240.00	13.00	0.00020	-240.00	11.00	0.00020	
-240.00	9.00	0.00020	-240.00	-9.00	0.00022	



07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-11.00	0.00022	-240.00	-13.00	0.00022
-240.00	-15.00	0.00022	-240.00	-17.00	0.00022
-240.00	-20.00	0.00023	-240.00	-25.00	0.00023
-240.00	-30.00	0.00024	-240.00	-40.00	0.00025
-240.00	-50.00	0.00026	-240.00	-60.00	0.00027
-240.00	-70.00	0.00028	-240.00	-80.00	0.00028
-240.00	-90.00	0.00028	-240.00	-100.00	0.00028
-230.00	100.00	0.00010	-230.00	90.00	0.00012
-230.00	80.00	0.00013	-230.00	70.00	0.00014
-230.00	60.00	0.00016	-230.00	50.00	0.00017
-230.00	40.00	0.00018	-230.00	30.00	0.00019
-230.00	25.00	0.00020	-230.00	20.00	0.00020
-230.00	17.00	0.00021	-230.00	15.00	0.00021
-230.00	13.00	0.00021	-230.00	11.00	0.00021
-230.00	9.00	0.00022	-230.00	-9.00	0.00024
-230.00	-11.00	0.00024	-230.00	-13.00	0.00024
-230.00	-15.00	0.00024	-230.00	-17.00	0.00024

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

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

17:14:39

\*\*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
-230.00	-20.00	0.00025	-230.00	-25.00	0.00025
-230.00	-30.00	0.00026	-230.00	-40.00	0.00027
-230.00	-50.00	0.00028	-230.00	-60.00	0.00029
-230.00	-70.00	0.00030	-230.00	-80.00	0.00031
-230.00	-90.00	0.00031	-230.00	-100.00	0.00030
-220.00	100.00	0.00011	-220.00	90.00	0.00012
-220.00	80.00	0.00014	-220.00	70.00	0.00015
-220.00	60.00	0.00017	-220.00	50.00	0.00018
-220.00	40.00	0.00019	-220.00	30.00	0.00021
-220.00	25.00	0.00021	-220.00	20.00	0.00022
-220.00	17.00	0.00022	-220.00	15.00	0.00023
-220.00	13.00	0.00023	-220.00	11.00	0.00023
-220.00	9.00	0.00023	-220.00	-9.00	0.00026
-220.00	-11.00	0.00026	-220.00	-13.00	0.00026
-220.00	-15.00	0.00026	-220.00	-17.00	0.00026
-220.00	-20.00	0.00027	-220.00	-25.00	0.00027
-220.00	-30.00	0.00028	-220.00	-40.00	0.00029

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-220.00	-50.00	0.00031	-220.00	-60.00	0.00032
-220.00	-70.00	0.00033	-220.00	-80.00	0.00033
-220.00	-90.00	0.00033	-220.00	-100.00	0.00033
-210.00	100.00	0.00011	-210.00	90.00	0.00013
-210.00	80.00	0.00014	-210.00	70.00	0.00016
-210.00	60.00	0.00018	-210.00	50.00	0.00019
-210.00	40.00	0.00021	-210.00	30.00	0.00022
-210.00	25.00	0.00023	-210.00	20.00	0.00024
-210.00	17.00	0.00024	-210.00	15.00	0.00024
-210.00	13.00	0.00025	-210.00	11.00	0.00025
-210.00	9.00	0.00025	-210.00	-9.00	0.00028
-210.00	-11.00	0.00028	-210.00	-13.00	0.00028
-210.00	-15.00	0.00029	-210.00	-17.00	0.00029
-210.00	-20.00	0.00029	-210.00	-25.00	0.00030
-210.00	-30.00	0.00031	-210.00	-40.00	0.00032
-210.00	-50.00	0.00034	-210.00	-60.00	0.00035
-210.00	-70.00	0.00036	-210.00	-80.00	0.00036
-210.00	-90.00	0.00036	-210.00	-100.00	0.00035
-200.00	100.00	0.00012	-200.00	90.00	0.00013
-200.00	80.00	0.00015	-200.00	70.00	0.00017
-200.00	60.00	0.00019	-200.00	50.00	0.00021
-200.00	40.00	0.00022	-200.00	30.00	0.00024
-200.00	25.00	0.00025	-200.00	20.00	0.00026

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

17:14:39  
 \*\*MODELOPTS:  
 PAGE 65

CONC                      URBAN FLAT    FLGPOL    DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00026	-200.00	15.00	0.00027
-200.00	13.00	0.00027	-200.00	11.00	0.00027
-200.00	9.00	0.00028	-200.00	-9.00	0.00031
-200.00	-11.00	0.00031	-200.00	-13.00	0.00031
-200.00	-15.00	0.00032	-200.00	-17.00	0.00032
-200.00	-20.00	0.00032	-200.00	-25.00	0.00033
-200.00	-30.00	0.00034	-200.00	-40.00	0.00036
-200.00	-50.00	0.00038	-200.00	-60.00	0.00039
-200.00	-70.00	0.00040	-200.00	-80.00	0.00040
-200.00	-90.00	0.00039	-200.00	-100.00	0.00038
-190.00	100.00	0.00012	-190.00	90.00	0.00014

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	80.00	0.00015	-190.00	70.00	0.00017
-190.00	60.00	0.00020	-190.00	50.00	0.00022
-190.00	40.00	0.00024	-190.00	30.00	0.00026
-190.00	25.00	0.00027	-190.00	20.00	0.00028
-190.00	17.00	0.00029	-190.00	15.00	0.00029
-190.00	13.00	0.00030	-190.00	11.00	0.00030
-190.00	9.00	0.00030	-190.00	-9.00	0.00034
-190.00	-11.00	0.00034	-190.00	-13.00	0.00034
-190.00	-15.00	0.00035	-190.00	-17.00	0.00035
-190.00	-20.00	0.00036	-190.00	-25.00	0.00037
-190.00	-30.00	0.00038	-190.00	-40.00	0.00040
-190.00	-50.00	0.00042	-190.00	-60.00	0.00043
-190.00	-70.00	0.00044	-190.00	-80.00	0.00043
-190.00	-90.00	0.00043	-190.00	-100.00	0.00042
-180.00	100.00	0.00013	-180.00	90.00	0.00014
-180.00	80.00	0.00016	-180.00	70.00	0.00018
-180.00	60.00	0.00021	-180.00	50.00	0.00024
-180.00	40.00	0.00026	-180.00	30.00	0.00028
-180.00	25.00	0.00030	-180.00	20.00	0.00031
-180.00	17.00	0.00031	-180.00	15.00	0.00032
-180.00	13.00	0.00032	-180.00	11.00	0.00033
-180.00	9.00	0.00033	-180.00	-9.00	0.00037
-180.00	-11.00	0.00038	-180.00	-13.00	0.00038
-180.00	-15.00	0.00039	-180.00	-17.00	0.00039
-180.00	-20.00	0.00040	-180.00	-25.00	0.00041
-180.00	-30.00	0.00042	-180.00	-40.00	0.00045
-180.00	-50.00	0.00047	-180.00	-60.00	0.00048
-180.00	-70.00	0.00048	-180.00	-80.00	0.00047
-180.00	-90.00	0.00047	-180.00	-100.00	0.00046

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

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

17:14:39

\*\*MODELOPTS:  
 PAGE 66

CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00013	-170.00	90.00	0.00015
-170.00	80.00	0.00017	-170.00	70.00	0.00019
-170.00	60.00	0.00022	-170.00	50.00	0.00025
-170.00	40.00	0.00028	-170.00	30.00	0.00031
-170.00	25.00	0.00033	-170.00	20.00	0.00034

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	17.00	0.00035	-170.00	15.00	0.00035
-170.00	13.00	0.00036	-170.00	11.00	0.00036
-170.00	9.00	0.00037	-170.00	-9.00	0.00042
-170.00	-11.00	0.00042	-170.00	-13.00	0.00043
-170.00	-15.00	0.00043	-170.00	-17.00	0.00044
-170.00	-20.00	0.00044	-170.00	-25.00	0.00046
-170.00	-30.00	0.00047	-170.00	-40.00	0.00050
-170.00	-50.00	0.00052	-170.00	-60.00	0.00053
-170.00	-70.00	0.00053	-170.00	-80.00	0.00052
-170.00	-90.00	0.00051	-170.00	-100.00	0.00050
-160.00	100.00	0.00014	-160.00	90.00	0.00016
-160.00	80.00	0.00018	-160.00	70.00	0.00020
-160.00	60.00	0.00023	-160.00	50.00	0.00027
-160.00	40.00	0.00031	-160.00	30.00	0.00034
-160.00	25.00	0.00036	-160.00	20.00	0.00037
-160.00	17.00	0.00038	-160.00	15.00	0.00039
-160.00	13.00	0.00040	-160.00	11.00	0.00040
-160.00	9.00	0.00041	-160.00	-9.00	0.00047
-160.00	-11.00	0.00047	-160.00	-13.00	0.00048
-160.00	-15.00	0.00049	-160.00	-17.00	0.00049
-160.00	-20.00	0.00050	-160.00	-25.00	0.00052
-160.00	-30.00	0.00054	-160.00	-40.00	0.00057
-160.00	-50.00	0.00059	-160.00	-60.00	0.00060
-160.00	-70.00	0.00059	-160.00	-80.00	0.00058
-160.00	-90.00	0.00056	-160.00	-100.00	0.00055
-150.00	100.00	0.00015	-150.00	90.00	0.00016
-150.00	80.00	0.00018	-150.00	70.00	0.00021
-150.00	60.00	0.00025	-150.00	50.00	0.00029
-150.00	40.00	0.00033	-150.00	30.00	0.00038
-150.00	25.00	0.00040	-150.00	20.00	0.00042
-150.00	17.00	0.00043	-150.00	15.00	0.00044
-150.00	13.00	0.00044	-150.00	11.00	0.00045
-150.00	9.00	0.00046	-150.00	-9.00	0.00053
-150.00	-11.00	0.00054	-150.00	-13.00	0.00054
-150.00	-15.00	0.00055	-150.00	-17.00	0.00056

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 17:14:39  
 \*\*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      \*\*

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00057	-150.00	-25.00	0.00059
-150.00	-30.00	0.00061	-150.00	-40.00	0.00065
-150.00	-50.00	0.00067	-150.00	-60.00	0.00067
-150.00	-70.00	0.00066	-150.00	-80.00	0.00064
-150.00	-90.00	0.00062	-150.00	-100.00	0.00060
-140.00	100.00	0.00016	-140.00	90.00	0.00017
-140.00	80.00	0.00020	-140.00	70.00	0.00022
-140.00	60.00	0.00026	-140.00	50.00	0.00031
-140.00	40.00	0.00036	-140.00	30.00	0.00042
-140.00	25.00	0.00044	-140.00	20.00	0.00046
-140.00	17.00	0.00048	-140.00	15.00	0.00049
-140.00	13.00	0.00050	-140.00	11.00	0.00051
-140.00	9.00	0.00052	-140.00	-9.00	0.00060
-140.00	-11.00	0.00061	-140.00	-13.00	0.00062
-140.00	-15.00	0.00063	-140.00	-17.00	0.00064
-140.00	-20.00	0.00065	-140.00	-25.00	0.00068
-140.00	-30.00	0.00071	-140.00	-40.00	0.00075
-140.00	-50.00	0.00076	-140.00	-60.00	0.00075
-140.00	-70.00	0.00074	-140.00	-80.00	0.00072
-140.00	-90.00	0.00069	-140.00	-100.00	0.00067
-130.00	100.00	0.00017	-130.00	90.00	0.00019
-130.00	80.00	0.00021	-130.00	70.00	0.00024
-130.00	60.00	0.00027	-130.00	50.00	0.00033
-130.00	40.00	0.00039	-130.00	30.00	0.00046
-130.00	25.00	0.00049	-130.00	20.00	0.00052
-130.00	17.00	0.00054	-130.00	15.00	0.00055
-130.00	13.00	0.00056	-130.00	11.00	0.00058
-130.00	9.00	0.00059	-130.00	-9.00	0.00069
-130.00	-11.00	0.00070	-130.00	-13.00	0.00072
-130.00	-15.00	0.00073	-130.00	-17.00	0.00074
-130.00	-20.00	0.00076	-130.00	-25.00	0.00079
-130.00	-30.00	0.00082	-130.00	-40.00	0.00086
-130.00	-50.00	0.00087	-130.00	-60.00	0.00085
-130.00	-70.00	0.00083	-130.00	-80.00	0.00080
-130.00	-90.00	0.00077	-130.00	-100.00	0.00073
-120.00	100.00	0.00019	-120.00	90.00	0.00020
-120.00	80.00	0.00022	-120.00	70.00	0.00025
-120.00	60.00	0.00029	-120.00	50.00	0.00035
-120.00	40.00	0.00042	-120.00	30.00	0.00050
-120.00	25.00	0.00055	-120.00	20.00	0.00059

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:14:39

\*\*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	0.00061	-120.00	15.00	0.00062
-120.00	13.00	0.00064	-120.00	11.00	0.00066
-120.00	9.00	0.00067	-120.00	-9.00	0.00080
-120.00	-11.00	0.00082	-120.00	-13.00	0.00083
-120.00	-15.00	0.00085	-120.00	-17.00	0.00087
-120.00	-20.00	0.00089	-120.00	-25.00	0.00093
-120.00	-30.00	0.00097	-120.00	-40.00	0.00100
-120.00	-50.00	0.00100	-120.00	-60.00	0.00097
-120.00	-70.00	0.00094	-120.00	-80.00	0.00090
-120.00	-90.00	0.00085	-120.00	-100.00	0.00080
-110.00	100.00	0.00021	-110.00	90.00	0.00022
-110.00	80.00	0.00024	-110.00	70.00	0.00027
-110.00	60.00	0.00031	-110.00	50.00	0.00037
-110.00	40.00	0.00045	-110.00	30.00	0.00055
-110.00	25.00	0.00061	-110.00	20.00	0.00066
-110.00	17.00	0.00069	-110.00	15.00	0.00071
-110.00	13.00	0.00073	-110.00	11.00	0.00075
-110.00	9.00	0.00077	-110.00	-9.00	0.00095
-110.00	-11.00	0.00097	-110.00	-13.00	0.00099
-110.00	-15.00	0.00101	-110.00	-17.00	0.00103
-110.00	-20.00	0.00106	-110.00	-25.00	0.00111
-110.00	-30.00	0.00114	-110.00	-40.00	0.00117
-110.00	-50.00	0.00115	-110.00	-60.00	0.00112
-110.00	-70.00	0.00107	-110.00	-80.00	0.00101
-110.00	-90.00	0.00095	-110.00	-100.00	0.00088
-100.00	100.00	0.00025	-100.00	90.00	0.00026
-100.00	80.00	0.00028	-100.00	70.00	0.00030
-100.00	60.00	0.00034	-100.00	50.00	0.00040
-100.00	40.00	0.00049	-100.00	30.00	0.00061
-100.00	25.00	0.00068	-100.00	20.00	0.00075
-100.00	17.00	0.00079	-100.00	15.00	0.00082
-100.00	13.00	0.00084	-100.00	11.00	0.00087
-100.00	9.00	0.00089	-100.00	-9.00	0.00113
-100.00	-11.00	0.00115	-100.00	-13.00	0.00118
-100.00	-15.00	0.00121	-100.00	-17.00	0.00124
-100.00	-20.00	0.00128	-100.00	-25.00	0.00133
-100.00	-30.00	0.00136	-100.00	-40.00	0.00137

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	-50.00	0.00134	-100.00	-60.00	0.00128
-100.00	-70.00	0.00121	-100.00	-80.00	0.00113
-100.00	-90.00	0.00104	-100.00	-100.00	0.00096

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

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

17:14:39

\*\*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	0.00031	-90.00	90.00	0.00032
-90.00	80.00	0.00033	-90.00	70.00	0.00035
-90.00	60.00	0.00038	-90.00	50.00	0.00043
-90.00	40.00	0.00053	-90.00	30.00	0.00066
-90.00	25.00	0.00074	-90.00	20.00	0.00084
-90.00	17.00	0.00090	-90.00	15.00	0.00093
-90.00	13.00	0.00097	-90.00	11.00	0.00101
-90.00	9.00	0.00104	-90.00	-9.00	0.00136
-90.00	-11.00	0.00140	-90.00	-13.00	0.00144
-90.00	-15.00	0.00148	-90.00	-17.00	0.00152
-90.00	-20.00	0.00156	-90.00	-25.00	0.00161
-90.00	-30.00	0.00163	-90.00	-40.00	0.00163
-90.00	-50.00	0.00156	-90.00	-60.00	0.00147
-90.00	-70.00	0.00136	-90.00	-80.00	0.00125
-90.00	-90.00	0.00114	-90.00	-100.00	0.00104
-80.00	100.00	0.00040	-80.00	90.00	0.00040
-80.00	80.00	0.00041	-80.00	70.00	0.00043
-80.00	60.00	0.00045	-80.00	50.00	0.00049
-80.00	40.00	0.00057	-80.00	30.00	0.00072
-80.00	25.00	0.00081	-80.00	20.00	0.00093
-80.00	17.00	0.00101	-80.00	15.00	0.00106
-80.00	13.00	0.00111	-80.00	11.00	0.00117
-80.00	9.00	0.00122	-80.00	-9.00	0.00168
-80.00	-11.00	0.00173	-80.00	-13.00	0.00178
-80.00	-15.00	0.00183	-80.00	-17.00	0.00187
-80.00	-20.00	0.00192	-80.00	-25.00	0.00196
-80.00	-30.00	0.00198	-80.00	-40.00	0.00193
-80.00	-50.00	0.00182	-80.00	-60.00	0.00167
-80.00	-70.00	0.00152	-80.00	-80.00	0.00138
-80.00	-90.00	0.00124	-80.00	-100.00	0.00112
-70.00	100.00	0.00052	-70.00	90.00	0.00054

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	80.00	0.00055	-70.00	70.00	0.00057
-70.00	60.00	0.00059	-70.00	50.00	0.00061
-70.00	40.00	0.00067	-70.00	30.00	0.00079
-70.00	25.00	0.00089	-70.00	20.00	0.00102
-70.00	17.00	0.00112	-70.00	15.00	0.00119
-70.00	13.00	0.00126	-70.00	11.00	0.00133
-70.00	9.00	0.00141	-70.00	-9.00	0.00210
-70.00	-11.00	0.00217	-70.00	-13.00	0.00224
-70.00	-15.00	0.00229	-70.00	-17.00	0.00233

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

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

17:14:39

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00237	-70.00	-25.00	0.00241
-70.00	-30.00	0.00240	-70.00	-40.00	0.00228
-70.00	-50.00	0.00209	-70.00	-60.00	0.00189
-70.00	-70.00	0.00170	-70.00	-80.00	0.00152
-70.00	-90.00	0.00135	-70.00	-100.00	0.00121
-60.00	100.00	0.00067	-60.00	90.00	0.00072
-60.00	80.00	0.00076	-60.00	70.00	0.00080
-60.00	60.00	0.00084	-60.00	50.00	0.00088
-60.00	40.00	0.00091	-60.00	30.00	0.00097
-60.00	25.00	0.00104	-60.00	20.00	0.00115
-60.00	17.00	0.00124	-60.00	15.00	0.00132
-60.00	13.00	0.00141	-60.00	11.00	0.00150
-60.00	9.00	0.00161	-60.00	-9.00	0.00270
-60.00	-11.00	0.00279	-60.00	-13.00	0.00285
-60.00	-15.00	0.00290	-60.00	-17.00	0.00293
-60.00	-20.00	0.00296	-60.00	-25.00	0.00294
-60.00	-30.00	0.00287	-60.00	-40.00	0.00265
-60.00	-50.00	0.00239	-60.00	-60.00	0.00213
-60.00	-70.00	0.00188	-60.00	-80.00	0.00165
-60.00	-90.00	0.00145	-60.00	-100.00	0.00128
-50.00	100.00	0.00086	-50.00	90.00	0.00094
-50.00	80.00	0.00102	-50.00	70.00	0.00112
-50.00	60.00	0.00123	-50.00	50.00	0.00135
-50.00	40.00	0.00147	-50.00	30.00	0.00158
-50.00	25.00	0.00164	-50.00	20.00	0.00168



07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	17.00	0.00171	-50.00	15.00	0.00173
-50.00	13.00	0.00177	-50.00	11.00	0.00183
-50.00	9.00	0.00192	-50.00	-9.00	0.00368
-50.00	-11.00	0.00371	-50.00	-13.00	0.00372
-50.00	-15.00	0.00371	-50.00	-17.00	0.00370
-50.00	-20.00	0.00366	-50.00	-25.00	0.00355
-50.00	-30.00	0.00340	-50.00	-40.00	0.00305
-50.00	-50.00	0.00268	-50.00	-60.00	0.00233
-50.00	-70.00	0.00202	-50.00	-80.00	0.00175
-50.00	-90.00	0.00152	-50.00	-100.00	0.00133
-40.00	100.00	0.00106	-40.00	90.00	0.00118
-40.00	80.00	0.00131	-40.00	70.00	0.00148
-40.00	60.00	0.00168	-40.00	50.00	0.00193
-40.00	40.00	0.00224	-40.00	30.00	0.00263
-40.00	25.00	0.00287	-40.00	20.00	0.00314

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

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

17:14:39

\*\*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
-40.00	17.00	0.00332	-40.00	15.00	0.00346
-40.00	13.00	0.00361	-40.00	11.00	0.00379
-40.00	9.00	0.00403	-40.00	-9.00	0.00478
-40.00	-11.00	0.00465	-40.00	-13.00	0.00454
-40.00	-15.00	0.00445	-40.00	-17.00	0.00436
-40.00	-20.00	0.00423	-40.00	-25.00	0.00401
-40.00	-30.00	0.00377	-40.00	-40.00	0.00330
-40.00	-50.00	0.00285	-40.00	-60.00	0.00245
-40.00	-70.00	0.00210	-40.00	-80.00	0.00180
-40.00	-90.00	0.00155	-40.00	-100.00	0.00134
-30.00	100.00	0.00124	-30.00	90.00	0.00140
-30.00	80.00	0.00159	-30.00	70.00	0.00182
-30.00	60.00	0.00211	-30.00	50.00	0.00246
-30.00	40.00	0.00291	-30.00	30.00	0.00348
-30.00	25.00	0.00381	-30.00	20.00	0.00418
-30.00	17.00	0.00442	-30.00	15.00	0.00458
-30.00	13.00	0.00474	-30.00	11.00	0.00490
-30.00	9.00	0.00509	-30.00	-9.00	0.00502
-30.00	-11.00	0.00489	-30.00	-13.00	0.00479

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	-15.00	0.00470	-30.00	-17.00	0.00461
-30.00	-20.00	0.00447	-30.00	-25.00	0.00422
-30.00	-30.00	0.00395	-30.00	-40.00	0.00341
-30.00	-50.00	0.00292	-30.00	-60.00	0.00248
-30.00	-70.00	0.00211	-30.00	-80.00	0.00180
-30.00	-90.00	0.00154	-30.00	-100.00	0.00133
-20.00	100.00	0.00141	-20.00	90.00	0.00160
-20.00	80.00	0.00183	-20.00	70.00	0.00212
-20.00	60.00	0.00246	-20.00	50.00	0.00288
-20.00	40.00	0.00339	-20.00	30.00	0.00401
-20.00	25.00	0.00437	-20.00	20.00	0.00474
-20.00	17.00	0.00496	-20.00	15.00	0.00510
-20.00	13.00	0.00523	-20.00	11.00	0.00536
-20.00	9.00	0.00550	-20.00	-9.00	0.00507
-20.00	-11.00	0.00492	-20.00	-13.00	0.00481
-20.00	-15.00	0.00471	-20.00	-17.00	0.00461
-20.00	-20.00	0.00447	-20.00	-25.00	0.00423
-20.00	-30.00	0.00397	-20.00	-40.00	0.00343
-20.00	-50.00	0.00291	-20.00	-60.00	0.00245
-20.00	-70.00	0.00207	-20.00	-80.00	0.00175
-20.00	-90.00	0.00150	-20.00	-100.00	0.00129

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

17:14:39  
 \*\*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	0.00154	-10.00	90.00	0.00176
-10.00	80.00	0.00203	-10.00	70.00	0.00234
-10.00	60.00	0.00272	-10.00	50.00	0.00317
-10.00	40.00	0.00371	-10.00	30.00	0.00434
-10.00	25.00	0.00468	-10.00	20.00	0.00502
-10.00	17.00	0.00521	-10.00	15.00	0.00533
-10.00	13.00	0.00544	-10.00	11.00	0.00555
-10.00	9.00	0.00566	-10.00	-9.00	0.00501
-10.00	-11.00	0.00486	-10.00	-13.00	0.00473
-10.00	-15.00	0.00461	-10.00	-17.00	0.00450
-10.00	-20.00	0.00434	-10.00	-25.00	0.00409
-10.00	-30.00	0.00383	-10.00	-40.00	0.00332
-10.00	-50.00	0.00282	-10.00	-60.00	0.00237

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-70.00	0.00199	-10.00	-80.00	0.00168
-10.00	-90.00	0.00144	-10.00	-100.00	0.00124
0.00	100.00	0.00163	0.00	90.00	0.00187
0.00	80.00	0.00215	0.00	70.00	0.00249
0.00	60.00	0.00290	0.00	50.00	0.00337
0.00	40.00	0.00392	0.00	30.00	0.00453
0.00	25.00	0.00485	0.00	20.00	0.00516
0.00	17.00	0.00532	0.00	15.00	0.00542
0.00	13.00	0.00551	0.00	11.00	0.00559
0.00	9.00	0.00568	0.00	-9.00	0.00486
0.00	-11.00	0.00469	0.00	-13.00	0.00454
0.00	-15.00	0.00441	0.00	-17.00	0.00429
0.00	-20.00	0.00412	0.00	-25.00	0.00385
0.00	-30.00	0.00360	0.00	-40.00	0.00310
0.00	-50.00	0.00263	0.00	-60.00	0.00222
0.00	-70.00	0.00187	0.00	-80.00	0.00159
0.00	-90.00	0.00135	0.00	-100.00	0.00116
10.00	100.00	0.00166	10.00	90.00	0.00191
10.00	80.00	0.00221	10.00	70.00	0.00257
10.00	60.00	0.00299	10.00	50.00	0.00349
10.00	40.00	0.00404	10.00	30.00	0.00464
10.00	25.00	0.00494	10.00	20.00	0.00520
10.00	17.00	0.00534	10.00	15.00	0.00542
10.00	13.00	0.00549	10.00	11.00	0.00554
10.00	9.00	0.00561	10.00	-9.00	0.00459
10.00	-11.00	0.00439	10.00	-13.00	0.00423
10.00	-15.00	0.00409	10.00	-17.00	0.00397

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
10.00	-20.00	0.00379	10.00	-25.00	0.00351
10.00	-30.00	0.00326	10.00	-40.00	0.00278
10.00	-50.00	0.00237	10.00	-60.00	0.00201
10.00	-70.00	0.00171	10.00	-80.00	0.00146
10.00	-90.00	0.00125	10.00	-100.00	0.00107
20.00	100.00	0.00164	20.00	90.00	0.00188
20.00	80.00	0.00218	20.00	70.00	0.00255

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	60.00	0.00298	20.00	50.00	0.00349
20.00	40.00	0.00406	20.00	30.00	0.00467
20.00	25.00	0.00495	20.00	20.00	0.00519
20.00	17.00	0.00531	20.00	15.00	0.00536
20.00	13.00	0.00540	20.00	11.00	0.00543
20.00	9.00	0.00546	20.00	-9.00	0.00417
20.00	-11.00	0.00395	20.00	-13.00	0.00378
20.00	-15.00	0.00364	20.00	-17.00	0.00351
20.00	-20.00	0.00333	20.00	-25.00	0.00306
20.00	-30.00	0.00281	20.00	-40.00	0.00240
20.00	-50.00	0.00205	20.00	-60.00	0.00176
20.00	-70.00	0.00150	20.00	-80.00	0.00129
20.00	-90.00	0.00111	20.00	-100.00	0.00096
30.00	100.00	0.00156	30.00	90.00	0.00179
30.00	80.00	0.00207	30.00	70.00	0.00241
30.00	60.00	0.00282	30.00	50.00	0.00331
30.00	40.00	0.00390	30.00	30.00	0.00454
30.00	25.00	0.00485	30.00	20.00	0.00511
30.00	17.00	0.00522	30.00	15.00	0.00526
30.00	13.00	0.00528	30.00	11.00	0.00528
30.00	9.00	0.00528	30.00	-9.00	0.00355
30.00	-11.00	0.00332	30.00	-13.00	0.00314
30.00	-15.00	0.00300	30.00	-17.00	0.00287
30.00	-20.00	0.00271	30.00	-25.00	0.00248
30.00	-30.00	0.00229	30.00	-40.00	0.00196
30.00	-50.00	0.00168	30.00	-60.00	0.00145
30.00	-70.00	0.00126	30.00	-80.00	0.00109
30.00	-90.00	0.00095	30.00	-100.00	0.00084
40.00	100.00	0.00144	40.00	90.00	0.00164
40.00	80.00	0.00188	40.00	70.00	0.00216
40.00	60.00	0.00249	40.00	50.00	0.00290
40.00	40.00	0.00339	40.00	30.00	0.00396
40.00	25.00	0.00428	40.00	20.00	0.00459

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

17:14:39  
 \*\*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	0.00475	40.00	15.00	0.00484

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	13.00	0.00491	40.00	11.00	0.00495
40.00	9.00	0.00497	40.00	-9.00	0.00253
40.00	-11.00	0.00235	40.00	-13.00	0.00222
40.00	-15.00	0.00212	40.00	-17.00	0.00204
40.00	-20.00	0.00194	40.00	-25.00	0.00180
40.00	-30.00	0.00168	40.00	-40.00	0.00147
40.00	-50.00	0.00130	40.00	-60.00	0.00115
40.00	-70.00	0.00102	40.00	-80.00	0.00091
40.00	-90.00	0.00081	40.00	-100.00	0.00072
50.00	100.00	0.00129	50.00	90.00	0.00145
50.00	80.00	0.00163	50.00	70.00	0.00184
50.00	60.00	0.00208	50.00	50.00	0.00235
50.00	40.00	0.00264	50.00	30.00	0.00292
50.00	25.00	0.00304	50.00	20.00	0.00311
50.00	17.00	0.00311	50.00	15.00	0.00308
50.00	13.00	0.00303	50.00	11.00	0.00294
50.00	9.00	0.00281	50.00	-9.00	0.00134
50.00	-11.00	0.00133	50.00	-13.00	0.00131
50.00	-15.00	0.00130	50.00	-17.00	0.00129
50.00	-20.00	0.00127	50.00	-25.00	0.00123
50.00	-30.00	0.00119	50.00	-40.00	0.00110
50.00	-50.00	0.00100	50.00	-60.00	0.00091
50.00	-70.00	0.00083	50.00	-80.00	0.00076
50.00	-90.00	0.00069	50.00	-100.00	0.00062
60.00	100.00	0.00114	60.00	90.00	0.00126
60.00	80.00	0.00139	60.00	70.00	0.00153
60.00	60.00	0.00169	60.00	50.00	0.00184
60.00	40.00	0.00198	60.00	30.00	0.00206
60.00	25.00	0.00206	60.00	20.00	0.00202
60.00	17.00	0.00196	60.00	15.00	0.00191
60.00	13.00	0.00184	60.00	11.00	0.00176
60.00	9.00	0.00167	60.00	-9.00	0.00098
60.00	-11.00	0.00096	60.00	-13.00	0.00094
60.00	-15.00	0.00092	60.00	-17.00	0.00090
60.00	-20.00	0.00089	60.00	-25.00	0.00088
60.00	-30.00	0.00086	60.00	-40.00	0.00083
60.00	-50.00	0.00079	60.00	-60.00	0.00073
60.00	-70.00	0.00068	60.00	-80.00	0.00063
60.00	-90.00	0.00058	60.00	-100.00	0.00054

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:14:39

\*\*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	0.00099	70.00	90.00	0.00108	
70.00	80.00	0.00117	70.00	70.00	0.00126	
70.00	60.00	0.00135	70.00	50.00	0.00143	
70.00	40.00	0.00149	70.00	30.00	0.00149	
70.00	25.00	0.00146	70.00	20.00	0.00140	
70.00	17.00	0.00135	70.00	15.00	0.00131	
70.00	13.00	0.00126	70.00	11.00	0.00121	
70.00	9.00	0.00115	70.00	-9.00	0.00078	
70.00	-11.00	0.00077	70.00	-13.00	0.00075	
70.00	-15.00	0.00074	70.00	-17.00	0.00072	
70.00	-20.00	0.00070	70.00	-25.00	0.00067	
70.00	-30.00	0.00065	70.00	-40.00	0.00063	
70.00	-50.00	0.00061	70.00	-60.00	0.00058	
70.00	-70.00	0.00056	70.00	-80.00	0.00053	
70.00	-90.00	0.00050	70.00	-100.00	0.00047	
80.00	100.00	0.00085	80.00	90.00	0.00091	
80.00	80.00	0.00097	80.00	70.00	0.00103	
80.00	60.00	0.00109	80.00	50.00	0.00113	
80.00	40.00	0.00114	80.00	30.00	0.00111	
80.00	25.00	0.00108	80.00	20.00	0.00103	
80.00	17.00	0.00099	80.00	15.00	0.00096	
80.00	13.00	0.00092	80.00	11.00	0.00089	
80.00	9.00	0.00086	80.00	-9.00	0.00063	
80.00	-11.00	0.00062	80.00	-13.00	0.00061	
80.00	-15.00	0.00061	80.00	-17.00	0.00060	
80.00	-20.00	0.00058	80.00	-25.00	0.00056	
80.00	-30.00	0.00053	80.00	-40.00	0.00049	
80.00	-50.00	0.00047	80.00	-60.00	0.00046	
80.00	-70.00	0.00045	80.00	-80.00	0.00043	
80.00	-90.00	0.00042	80.00	-100.00	0.00040	
90.00	100.00	0.00073	90.00	90.00	0.00077	
90.00	80.00	0.00082	90.00	70.00	0.00085	
90.00	60.00	0.00089	90.00	50.00	0.00090	
90.00	40.00	0.00089	90.00	30.00	0.00086	
90.00	25.00	0.00082	90.00	20.00	0.00078	
90.00	17.00	0.00075	90.00	15.00	0.00073	
90.00	13.00	0.00071	90.00	11.00	0.00069	
90.00	9.00	0.00066	90.00	-9.00	0.00052	
90.00	-11.00	0.00051	90.00	-13.00	0.00050	

90.00 -15.00 0.00050 90.00 -17.00 0.00049

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

17:14:39  
 \*\*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	0.00049	90.00	-25.00	0.00047
90.00	-30.00	0.00045	90.00	-40.00	0.00041
90.00	-50.00	0.00038	90.00	-60.00	0.00037
90.00	-70.00	0.00036	90.00	-80.00	0.00035
90.00	-90.00	0.00034	90.00	-100.00	0.00034
100.00	100.00	0.00063	100.00	90.00	0.00066
100.00	80.00	0.00069	100.00	70.00	0.00071
100.00	60.00	0.00072	100.00	50.00	0.00072
100.00	40.00	0.00071	100.00	30.00	0.00068
100.00	25.00	0.00065	100.00	20.00	0.00062
100.00	17.00	0.00060	100.00	15.00	0.00058
100.00	13.00	0.00057	100.00	11.00	0.00055
100.00	9.00	0.00053	100.00	-9.00	0.00043
100.00	-11.00	0.00043	100.00	-13.00	0.00042
100.00	-15.00	0.00042	100.00	-17.00	0.00041
100.00	-20.00	0.00041	100.00	-25.00	0.00040
100.00	-30.00	0.00039	100.00	-40.00	0.00035
100.00	-50.00	0.00032	100.00	-60.00	0.00030
100.00	-70.00	0.00029	100.00	-80.00	0.00029
100.00	-90.00	0.00028	100.00	-100.00	0.00028
110.00	100.00	0.00055	110.00	90.00	0.00057
110.00	80.00	0.00059	110.00	70.00	0.00060
110.00	60.00	0.00060	110.00	50.00	0.00060
110.00	40.00	0.00058	110.00	30.00	0.00055
110.00	25.00	0.00053	110.00	20.00	0.00050
110.00	17.00	0.00048	110.00	15.00	0.00047
110.00	13.00	0.00046	110.00	11.00	0.00045
110.00	9.00	0.00044	110.00	-9.00	0.00037
110.00	-11.00	0.00036	110.00	-13.00	0.00036
110.00	-15.00	0.00035	110.00	-17.00	0.00035
110.00	-20.00	0.00034	110.00	-25.00	0.00034
110.00	-30.00	0.00033	110.00	-40.00	0.00031
110.00	-50.00	0.00028	110.00	-60.00	0.00026

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	-70.00	0.00025	110.00	-80.00	0.00024
110.00	-90.00	0.00023	110.00	-100.00	0.00023
120.00	100.00	0.00048	120.00	90.00	0.00049
120.00	80.00	0.00050	120.00	70.00	0.00050
120.00	60.00	0.00050	120.00	50.00	0.00050
120.00	40.00	0.00048	120.00	30.00	0.00045
120.00	25.00	0.00043	120.00	20.00	0.00041

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

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

17:14:39

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

INCLUDING SOURCE(S) :            NCRA\_S3 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00040	120.00	15.00	0.00039
120.00	13.00	0.00038	120.00	11.00	0.00037
120.00	9.00	0.00037	120.00	-9.00	0.00031
120.00	-11.00	0.00031	120.00	-13.00	0.00031
120.00	-15.00	0.00030	120.00	-17.00	0.00030
120.00	-20.00	0.00029	120.00	-25.00	0.00029
120.00	-30.00	0.00029	120.00	-40.00	0.00028
120.00	-50.00	0.00025	120.00	-60.00	0.00023
120.00	-70.00	0.00021	120.00	-80.00	0.00020
120.00	-90.00	0.00020	120.00	-100.00	0.00020
130.00	100.00	0.00042	130.00	90.00	0.00042
130.00	80.00	0.00043	130.00	70.00	0.00043
130.00	60.00	0.00043	130.00	50.00	0.00042
130.00	40.00	0.00040	130.00	30.00	0.00038
130.00	25.00	0.00036	130.00	20.00	0.00035
130.00	17.00	0.00034	130.00	15.00	0.00033
130.00	13.00	0.00032	130.00	11.00	0.00032
130.00	9.00	0.00031	130.00	-9.00	0.00027
130.00	-11.00	0.00027	130.00	-13.00	0.00027
130.00	-15.00	0.00026	130.00	-17.00	0.00026
130.00	-20.00	0.00026	130.00	-25.00	0.00025
130.00	-30.00	0.00025	130.00	-40.00	0.00024
130.00	-50.00	0.00023	130.00	-60.00	0.00021
130.00	-70.00	0.00019	130.00	-80.00	0.00018
130.00	-90.00	0.00017	130.00	-100.00	0.00017
140.00	100.00	0.00037	140.00	90.00	0.00037
140.00	80.00	0.00037	140.00	70.00	0.00037



07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	60.00	0.00037	140.00	50.00	0.00036
140.00	40.00	0.00034	140.00	30.00	0.00032
140.00	25.00	0.00031	140.00	20.00	0.00030
140.00	17.00	0.00029	140.00	15.00	0.00028
140.00	13.00	0.00028	140.00	11.00	0.00027
140.00	9.00	0.00027	140.00	-9.00	0.00024
140.00	-11.00	0.00023	140.00	-13.00	0.00023
140.00	-15.00	0.00023	140.00	-17.00	0.00023
140.00	-20.00	0.00022	140.00	-25.00	0.00022
140.00	-30.00	0.00022	140.00	-40.00	0.00021
140.00	-50.00	0.00021	140.00	-60.00	0.00019
140.00	-70.00	0.00017	140.00	-80.00	0.00016
140.00	-90.00	0.00015	140.00	-100.00	0.00015

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

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

17:14:39

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

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

17:14:39  
 \*\*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	0.00016	170.00	-25.00	0.00015
170.00	-30.00	0.00015	170.00	-40.00	0.00015
170.00	-50.00	0.00015	170.00	-60.00	0.00014
170.00	-70.00	0.00014	170.00	-80.00	0.00013
170.00	-90.00	0.00012	170.00	-100.00	0.00011
180.00	100.00	0.00023	180.00	90.00	0.00023
180.00	80.00	0.00023	180.00	70.00	0.00022
180.00	60.00	0.00021	180.00	50.00	0.00021
180.00	40.00	0.00020	180.00	30.00	0.00019
180.00	25.00	0.00018	180.00	20.00	0.00017
180.00	17.00	0.00017	180.00	15.00	0.00017
180.00	13.00	0.00017	180.00	11.00	0.00016
180.00	9.00	0.00016	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	0.00014

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

17:14:39  
 \*\*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	0.00014	200.00	15.00	0.00014
200.00	13.00	0.00013	200.00	11.00	0.00013
200.00	9.00	0.00013	200.00	-9.00	0.00012
200.00	-11.00	0.00012	200.00	-13.00	0.00012
200.00	-15.00	0.00012	200.00	-17.00	0.00012
200.00	-20.00	0.00012	200.00	-25.00	0.00012
200.00	-30.00	0.00011	200.00	-40.00	0.00011
200.00	-50.00	0.00011	200.00	-60.00	0.00011
200.00	-70.00	0.00011	200.00	-80.00	0.00010

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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	0.00014	230.00	90.00	0.00014
230.00	80.00	0.00013	230.00	70.00	0.00013
230.00	60.00	0.00013	230.00	50.00	0.00012

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	40.00	0.00012	230.00	30.00	0.00011
230.00	25.00	0.00011	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	0.00009
230.00	-11.00	0.00009	230.00	-13.00	0.00009
230.00	-15.00	0.00009	230.00	-17.00	0.00009
230.00	-20.00	0.00009	230.00	-25.00	0.00009
230.00	-30.00	0.00009	230.00	-40.00	0.00009
230.00	-50.00	0.00008	230.00	-60.00	0.00008
230.00	-70.00	0.00008	230.00	-80.00	0.00008
230.00	-90.00	0.00008	230.00	-100.00	0.00008
240.00	100.00	0.00013	240.00	90.00	0.00012
240.00	80.00	0.00012	240.00	70.00	0.00012
240.00	60.00	0.00012	240.00	50.00	0.00011
240.00	40.00	0.00011	240.00	30.00	0.00010
240.00	25.00	0.00010	240.00	20.00	0.00010
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	0.00009
240.00	-11.00	0.00009	240.00	-13.00	0.00009
240.00	-15.00	0.00009	240.00	-17.00	0.00009
240.00	-20.00	0.00008	240.00	-25.00	0.00008
240.00	-30.00	0.00008	240.00	-40.00	0.00008
240.00	-50.00	0.00008	240.00	-60.00	0.00008
240.00	-70.00	0.00008	240.00	-80.00	0.00008
240.00	-90.00	0.00008	240.00	-100.00	0.00007
250.00	100.00	0.00012	250.00	90.00	0.00011
250.00	80.00	0.00011	250.00	70.00	0.00011
250.00	60.00	0.00011	250.00	50.00	0.00010
250.00	40.00	0.00010	250.00	30.00	0.00009
250.00	25.00	0.00009	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	0.00008	250.00	-9.00	0.00008
250.00	-11.00	0.00008	250.00	-13.00	0.00008
250.00	-15.00	0.00008	250.00	-17.00	0.00008

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 ,

07NCRA\_NAPA95-300 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	0.00008	250.00	-25.00	0.00008
250.00	-30.00	0.00008	250.00	-40.00	0.00007
250.00	-50.00	0.00007	250.00	-60.00	0.00007
250.00	-70.00	0.00007	250.00	-80.00	0.00007
250.00	-90.00	0.00007	250.00	-100.00	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 83  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00014	-250.00	90.00	0.00016
-250.00	80.00	0.00018	-250.00	70.00	0.00020
-250.00	60.00	0.00023	-250.00	50.00	0.00027
-250.00	40.00	0.00031	-250.00	30.00	0.00034
-250.00	25.00	0.00036	-250.00	20.00	0.00037
-250.00	17.00	0.00038	-250.00	15.00	0.00039
-250.00	13.00	0.00040	-250.00	11.00	0.00040
-250.00	9.00	0.00041	-250.00	-9.00	0.00047
-250.00	-11.00	0.00047	-250.00	-13.00	0.00048
-250.00	-15.00	0.00049	-250.00	-17.00	0.00049
-250.00	-20.00	0.00050	-250.00	-25.00	0.00052
-250.00	-30.00	0.00054	-250.00	-40.00	0.00057
-250.00	-50.00	0.00059	-250.00	-60.00	0.00060
-250.00	-70.00	0.00059	-250.00	-80.00	0.00058
-250.00	-90.00	0.00056	-250.00	-100.00	0.00055
-240.00	100.00	0.00015	-240.00	90.00	0.00016
-240.00	80.00	0.00018	-240.00	70.00	0.00021
-240.00	60.00	0.00025	-240.00	50.00	0.00029
-240.00	40.00	0.00033	-240.00	30.00	0.00038
-240.00	25.00	0.00040	-240.00	20.00	0.00042
-240.00	17.00	0.00043	-240.00	15.00	0.00044
-240.00	13.00	0.00044	-240.00	11.00	0.00045
-240.00	9.00	0.00046	-240.00	-9.00	0.00053
-240.00	-11.00	0.00054	-240.00	-13.00	0.00054
-240.00	-15.00	0.00055	-240.00	-17.00	0.00056
-240.00	-20.00	0.00057	-240.00	-25.00	0.00059

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-30.00	0.00061	-240.00	-40.00	0.00065
-240.00	-50.00	0.00067	-240.00	-60.00	0.00067
-240.00	-70.00	0.00066	-240.00	-80.00	0.00064
-240.00	-90.00	0.00062	-240.00	-100.00	0.00060
-230.00	100.00	0.00016	-230.00	90.00	0.00017
-230.00	80.00	0.00020	-230.00	70.00	0.00022
-230.00	60.00	0.00026	-230.00	50.00	0.00031
-230.00	40.00	0.00036	-230.00	30.00	0.00042
-230.00	25.00	0.00044	-230.00	20.00	0.00046
-230.00	17.00	0.00048	-230.00	15.00	0.00049
-230.00	13.00	0.00050	-230.00	11.00	0.00051
-230.00	9.00	0.00052	-230.00	-9.00	0.00060
-230.00	-11.00	0.00061	-230.00	-13.00	0.00062
-230.00	-15.00	0.00063	-230.00	-17.00	0.00064

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	0.00065	-230.00	-25.00	0.00068
-230.00	-30.00	0.00071	-230.00	-40.00	0.00075
-230.00	-50.00	0.00076	-230.00	-60.00	0.00075
-230.00	-70.00	0.00074	-230.00	-80.00	0.00072
-230.00	-90.00	0.00069	-230.00	-100.00	0.00067
-220.00	100.00	0.00017	-220.00	90.00	0.00019
-220.00	80.00	0.00021	-220.00	70.00	0.00024
-220.00	60.00	0.00027	-220.00	50.00	0.00033
-220.00	40.00	0.00039	-220.00	30.00	0.00046
-220.00	25.00	0.00049	-220.00	20.00	0.00052
-220.00	17.00	0.00054	-220.00	15.00	0.00055
-220.00	13.00	0.00056	-220.00	11.00	0.00058
-220.00	9.00	0.00059	-220.00	-9.00	0.00069
-220.00	-11.00	0.00070	-220.00	-13.00	0.00072
-220.00	-15.00	0.00073	-220.00	-17.00	0.00074
-220.00	-20.00	0.00076	-220.00	-25.00	0.00079
-220.00	-30.00	0.00082	-220.00	-40.00	0.00086
-220.00	-50.00	0.00087	-220.00	-60.00	0.00085
-220.00	-70.00	0.00083	-220.00	-80.00	0.00080
-220.00	-90.00	0.00077	-220.00	-100.00	0.00073

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	100.00	0.00019	-210.00	90.00	0.00020
-210.00	80.00	0.00022	-210.00	70.00	0.00025
-210.00	60.00	0.00029	-210.00	50.00	0.00035
-210.00	40.00	0.00042	-210.00	30.00	0.00050
-210.00	25.00	0.00055	-210.00	20.00	0.00059
-210.00	17.00	0.00061	-210.00	15.00	0.00062
-210.00	13.00	0.00064	-210.00	11.00	0.00066
-210.00	9.00	0.00067	-210.00	-9.00	0.00080
-210.00	-11.00	0.00082	-210.00	-13.00	0.00083
-210.00	-15.00	0.00085	-210.00	-17.00	0.00087
-210.00	-20.00	0.00089	-210.00	-25.00	0.00093
-210.00	-30.00	0.00097	-210.00	-40.00	0.00100
-210.00	-50.00	0.00100	-210.00	-60.00	0.00097
-210.00	-70.00	0.00094	-210.00	-80.00	0.00090
-210.00	-90.00	0.00085	-210.00	-100.00	0.00080
-200.00	100.00	0.00021	-200.00	90.00	0.00022
-200.00	80.00	0.00024	-200.00	70.00	0.00027
-200.00	60.00	0.00031	-200.00	50.00	0.00037
-200.00	40.00	0.00045	-200.00	30.00	0.00055
-200.00	25.00	0.00061	-200.00	20.00	0.00066

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

17:14:39  
 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00069	-200.00	15.00	0.00071
-200.00	13.00	0.00073	-200.00	11.00	0.00075
-200.00	9.00	0.00077	-200.00	-9.00	0.00095
-200.00	-11.00	0.00097	-200.00	-13.00	0.00099
-200.00	-15.00	0.00101	-200.00	-17.00	0.00103
-200.00	-20.00	0.00106	-200.00	-25.00	0.00111
-200.00	-30.00	0.00114	-200.00	-40.00	0.00117
-200.00	-50.00	0.00115	-200.00	-60.00	0.00112
-200.00	-70.00	0.00107	-200.00	-80.00	0.00101
-200.00	-90.00	0.00095	-200.00	-100.00	0.00088
-190.00	100.00	0.00025	-190.00	90.00	0.00026
-190.00	80.00	0.00028	-190.00	70.00	0.00030
-190.00	60.00	0.00034	-190.00	50.00	0.00040
-190.00	40.00	0.00049	-190.00	30.00	0.00061



07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	25.00	0.00068	-190.00	20.00	0.00075
-190.00	17.00	0.00079	-190.00	15.00	0.00082
-190.00	13.00	0.00084	-190.00	11.00	0.00087
-190.00	9.00	0.00089	-190.00	-9.00	0.00113
-190.00	-11.00	0.00115	-190.00	-13.00	0.00118
-190.00	-15.00	0.00121	-190.00	-17.00	0.00124
-190.00	-20.00	0.00128	-190.00	-25.00	0.00133
-190.00	-30.00	0.00136	-190.00	-40.00	0.00137
-190.00	-50.00	0.00134	-190.00	-60.00	0.00128
-190.00	-70.00	0.00121	-190.00	-80.00	0.00113
-190.00	-90.00	0.00104	-190.00	-100.00	0.00096
-180.00	100.00	0.00031	-180.00	90.00	0.00032
-180.00	80.00	0.00033	-180.00	70.00	0.00035
-180.00	60.00	0.00038	-180.00	50.00	0.00043
-180.00	40.00	0.00053	-180.00	30.00	0.00066
-180.00	25.00	0.00074	-180.00	20.00	0.00084
-180.00	17.00	0.00090	-180.00	15.00	0.00093
-180.00	13.00	0.00097	-180.00	11.00	0.00101
-180.00	9.00	0.00104	-180.00	-9.00	0.00136
-180.00	-11.00	0.00140	-180.00	-13.00	0.00144
-180.00	-15.00	0.00148	-180.00	-17.00	0.00152
-180.00	-20.00	0.00156	-180.00	-25.00	0.00161
-180.00	-30.00	0.00163	-180.00	-40.00	0.00163
-180.00	-50.00	0.00156	-180.00	-60.00	0.00147
-180.00	-70.00	0.00136	-180.00	-80.00	0.00125
-180.00	-90.00	0.00114	-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 \*\*\*

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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	100.00	0.00040	-170.00	90.00	0.00040
-170.00	80.00	0.00041	-170.00	70.00	0.00043
-170.00	60.00	0.00045	-170.00	50.00	0.00049
-170.00	40.00	0.00057	-170.00	30.00	0.00072
-170.00	25.00	0.00081	-170.00	20.00	0.00093
-170.00	17.00	0.00101	-170.00	15.00	0.00106
-170.00	13.00	0.00111	-170.00	11.00	0.00117
-170.00	9.00	0.00122	-170.00	-9.00	0.00168

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-11.00	0.00173	-170.00	-13.00	0.00178
-170.00	-15.00	0.00183	-170.00	-17.00	0.00187
-170.00	-20.00	0.00192	-170.00	-25.00	0.00196
-170.00	-30.00	0.00198	-170.00	-40.00	0.00193
-170.00	-50.00	0.00182	-170.00	-60.00	0.00167
-170.00	-70.00	0.00152	-170.00	-80.00	0.00138
-170.00	-90.00	0.00124	-170.00	-100.00	0.00112
-160.00	100.00	0.00052	-160.00	90.00	0.00054
-160.00	80.00	0.00055	-160.00	70.00	0.00057
-160.00	60.00	0.00059	-160.00	50.00	0.00061
-160.00	40.00	0.00067	-160.00	30.00	0.00079
-160.00	25.00	0.00089	-160.00	20.00	0.00102
-160.00	17.00	0.00112	-160.00	15.00	0.00119
-160.00	13.00	0.00126	-160.00	11.00	0.00133
-160.00	9.00	0.00141	-160.00	-9.00	0.00210
-160.00	-11.00	0.00217	-160.00	-13.00	0.00224
-160.00	-15.00	0.00229	-160.00	-17.00	0.00233
-160.00	-20.00	0.00237	-160.00	-25.00	0.00241
-160.00	-30.00	0.00240	-160.00	-40.00	0.00228
-160.00	-50.00	0.00209	-160.00	-60.00	0.00189
-160.00	-70.00	0.00170	-160.00	-80.00	0.00152
-160.00	-90.00	0.00135	-160.00	-100.00	0.00121
-150.00	100.00	0.00067	-150.00	90.00	0.00072
-150.00	80.00	0.00076	-150.00	70.00	0.00080
-150.00	60.00	0.00084	-150.00	50.00	0.00088
-150.00	40.00	0.00091	-150.00	30.00	0.00097
-150.00	25.00	0.00104	-150.00	20.00	0.00115
-150.00	17.00	0.00124	-150.00	15.00	0.00132
-150.00	13.00	0.00141	-150.00	11.00	0.00150
-150.00	9.00	0.00161	-150.00	-9.00	0.00270
-150.00	-11.00	0.00279	-150.00	-13.00	0.00285
-150.00	-15.00	0.00290	-150.00	-17.00	0.00293

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

17:14:39  
 \*\*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	0.00296	-150.00	-25.00	0.00294
-150.00	-30.00	0.00287	-150.00	-40.00	0.00265

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-150.00	-50.00	0.00239	-150.00	-60.00	0.00213
-150.00	-70.00	0.00188	-150.00	-80.00	0.00165
-150.00	-90.00	0.00145	-150.00	-100.00	0.00128
-140.00	100.00	0.00086	-140.00	90.00	0.00094
-140.00	80.00	0.00102	-140.00	70.00	0.00112
-140.00	60.00	0.00123	-140.00	50.00	0.00135
-140.00	40.00	0.00147	-140.00	30.00	0.00158
-140.00	25.00	0.00164	-140.00	20.00	0.00168
-140.00	17.00	0.00171	-140.00	15.00	0.00173
-140.00	13.00	0.00177	-140.00	11.00	0.00183
-140.00	9.00	0.00192	-140.00	-9.00	0.00368
-140.00	-11.00	0.00371	-140.00	-13.00	0.00372
-140.00	-15.00	0.00371	-140.00	-17.00	0.00370
-140.00	-20.00	0.00366	-140.00	-25.00	0.00355
-140.00	-30.00	0.00340	-140.00	-40.00	0.00305
-140.00	-50.00	0.00268	-140.00	-60.00	0.00233
-140.00	-70.00	0.00202	-140.00	-80.00	0.00175
-140.00	-90.00	0.00152	-140.00	-100.00	0.00133
-130.00	100.00	0.00106	-130.00	90.00	0.00118
-130.00	80.00	0.00131	-130.00	70.00	0.00148
-130.00	60.00	0.00168	-130.00	50.00	0.00193
-130.00	40.00	0.00224	-130.00	30.00	0.00263
-130.00	25.00	0.00287	-130.00	20.00	0.00314
-130.00	17.00	0.00332	-130.00	15.00	0.00346
-130.00	13.00	0.00361	-130.00	11.00	0.00379
-130.00	9.00	0.00403	-130.00	-9.00	0.00478
-130.00	-11.00	0.00465	-130.00	-13.00	0.00454
-130.00	-15.00	0.00445	-130.00	-17.00	0.00436
-130.00	-20.00	0.00423	-130.00	-25.00	0.00401
-130.00	-30.00	0.00377	-130.00	-40.00	0.00330
-130.00	-50.00	0.00285	-130.00	-60.00	0.00245
-130.00	-70.00	0.00210	-130.00	-80.00	0.00180
-130.00	-90.00	0.00155	-130.00	-100.00	0.00134
-120.00	100.00	0.00124	-120.00	90.00	0.00140
-120.00	80.00	0.00159	-120.00	70.00	0.00182
-120.00	60.00	0.00211	-120.00	50.00	0.00246
-120.00	40.00	0.00291	-120.00	30.00	0.00348
-120.00	25.00	0.00381	-120.00	20.00	0.00418

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

\*\*\*

\*\*\* DISCRETE 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	0.00442	-120.00	15.00	0.00458	
-120.00	13.00	0.00474	-120.00	11.00	0.00490	
-120.00	9.00	0.00509	-120.00	-9.00	0.00502	
-120.00	-11.00	0.00489	-120.00	-13.00	0.00479	
-120.00	-15.00	0.00470	-120.00	-17.00	0.00461	
-120.00	-20.00	0.00447	-120.00	-25.00	0.00422	
-120.00	-30.00	0.00395	-120.00	-40.00	0.00341	
-120.00	-50.00	0.00292	-120.00	-60.00	0.00248	
-120.00	-70.00	0.00211	-120.00	-80.00	0.00180	
-120.00	-90.00	0.00154	-120.00	-100.00	0.00133	
-110.00	100.00	0.00141	-110.00	90.00	0.00160	
-110.00	80.00	0.00183	-110.00	70.00	0.00212	
-110.00	60.00	0.00246	-110.00	50.00	0.00288	
-110.00	40.00	0.00339	-110.00	30.00	0.00401	
-110.00	25.00	0.00437	-110.00	20.00	0.00474	
-110.00	17.00	0.00496	-110.00	15.00	0.00510	
-110.00	13.00	0.00523	-110.00	11.00	0.00536	
-110.00	9.00	0.00550	-110.00	-9.00	0.00507	
-110.00	-11.00	0.00492	-110.00	-13.00	0.00481	
-110.00	-15.00	0.00471	-110.00	-17.00	0.00461	
-110.00	-20.00	0.00447	-110.00	-25.00	0.00423	
-110.00	-30.00	0.00397	-110.00	-40.00	0.00343	
-110.00	-50.00	0.00291	-110.00	-60.00	0.00245	
-110.00	-70.00	0.00207	-110.00	-80.00	0.00175	
-110.00	-90.00	0.00150	-110.00	-100.00	0.00129	
-100.00	100.00	0.00154	-100.00	90.00	0.00176	
-100.00	80.00	0.00203	-100.00	70.00	0.00234	
-100.00	60.00	0.00272	-100.00	50.00	0.00317	
-100.00	40.00	0.00371	-100.00	30.00	0.00434	
-100.00	25.00	0.00468	-100.00	20.00	0.00502	
-100.00	17.00	0.00521	-100.00	15.00	0.00533	
-100.00	13.00	0.00544	-100.00	11.00	0.00555	
-100.00	9.00	0.00566	-100.00	-9.00	0.00501	
-100.00	-11.00	0.00486	-100.00	-13.00	0.00473	
-100.00	-15.00	0.00461	-100.00	-17.00	0.00450	
-100.00	-20.00	0.00434	-100.00	-25.00	0.00409	
-100.00	-30.00	0.00383	-100.00	-40.00	0.00332	
-100.00	-50.00	0.00282	-100.00	-60.00	0.00237	
-100.00	-70.00	0.00199	-100.00	-80.00	0.00168	
-100.00	-90.00	0.00144	-100.00	-100.00	0.00124	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
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\*\*\* 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	0.00163	-90.00	90.00	0.00187
-90.00	80.00	0.00215	-90.00	70.00	0.00249
-90.00	60.00	0.00290	-90.00	50.00	0.00337
-90.00	40.00	0.00392	-90.00	30.00	0.00453
-90.00	25.00	0.00485	-90.00	20.00	0.00516
-90.00	17.00	0.00532	-90.00	15.00	0.00542
-90.00	13.00	0.00551	-90.00	11.00	0.00559
-90.00	9.00	0.00568	-90.00	-9.00	0.00486
-90.00	-11.00	0.00469	-90.00	-13.00	0.00454
-90.00	-15.00	0.00441	-90.00	-17.00	0.00429
-90.00	-20.00	0.00412	-90.00	-25.00	0.00385
-90.00	-30.00	0.00360	-90.00	-40.00	0.00310
-90.00	-50.00	0.00263	-90.00	-60.00	0.00222
-90.00	-70.00	0.00187	-90.00	-80.00	0.00159
-90.00	-90.00	0.00135	-90.00	-100.00	0.00116
-80.00	100.00	0.00166	-80.00	90.00	0.00191
-80.00	80.00	0.00221	-80.00	70.00	0.00257
-80.00	60.00	0.00299	-80.00	50.00	0.00349
-80.00	40.00	0.00404	-80.00	30.00	0.00464
-80.00	25.00	0.00494	-80.00	20.00	0.00520
-80.00	17.00	0.00534	-80.00	15.00	0.00542
-80.00	13.00	0.00549	-80.00	11.00	0.00554
-80.00	9.00	0.00561	-80.00	-9.00	0.00459
-80.00	-11.00	0.00439	-80.00	-13.00	0.00423
-80.00	-15.00	0.00409	-80.00	-17.00	0.00397
-80.00	-20.00	0.00379	-80.00	-25.00	0.00351
-80.00	-30.00	0.00326	-80.00	-40.00	0.00278
-80.00	-50.00	0.00237	-80.00	-60.00	0.00201
-80.00	-70.00	0.00171	-80.00	-80.00	0.00146
-80.00	-90.00	0.00125	-80.00	-100.00	0.00107
-70.00	100.00	0.00164	-70.00	90.00	0.00188
-70.00	80.00	0.00218	-70.00	70.00	0.00255
-70.00	60.00	0.00298	-70.00	50.00	0.00349
-70.00	40.00	0.00406	-70.00	30.00	0.00467

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	25.00	0.00495	-70.00	20.00	0.00519
-70.00	17.00	0.00531	-70.00	15.00	0.00536
-70.00	13.00	0.00540	-70.00	11.00	0.00543
-70.00	9.00	0.00546	-70.00	-9.00	0.00417
-70.00	-11.00	0.00395	-70.00	-13.00	0.00378
-70.00	-15.00	0.00364	-70.00	-17.00	0.00351

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\_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	0.00333	-70.00	-25.00	0.00306
-70.00	-30.00	0.00281	-70.00	-40.00	0.00240
-70.00	-50.00	0.00205	-70.00	-60.00	0.00176
-70.00	-70.00	0.00150	-70.00	-80.00	0.00129
-70.00	-90.00	0.00111	-70.00	-100.00	0.00096
-60.00	100.00	0.00156	-60.00	90.00	0.00179
-60.00	80.00	0.00207	-60.00	70.00	0.00241
-60.00	60.00	0.00282	-60.00	50.00	0.00331
-60.00	40.00	0.00390	-60.00	30.00	0.00454
-60.00	25.00	0.00485	-60.00	20.00	0.00511
-60.00	17.00	0.00522	-60.00	15.00	0.00526
-60.00	13.00	0.00528	-60.00	11.00	0.00528
-60.00	9.00	0.00528	-60.00	-9.00	0.00355
-60.00	-11.00	0.00332	-60.00	-13.00	0.00314
-60.00	-15.00	0.00300	-60.00	-17.00	0.00287
-60.00	-20.00	0.00271	-60.00	-25.00	0.00248
-60.00	-30.00	0.00229	-60.00	-40.00	0.00196
-60.00	-50.00	0.00168	-60.00	-60.00	0.00145
-60.00	-70.00	0.00126	-60.00	-80.00	0.00109
-60.00	-90.00	0.00095	-60.00	-100.00	0.00084
-50.00	100.00	0.00144	-50.00	90.00	0.00164
-50.00	80.00	0.00188	-50.00	70.00	0.00216
-50.00	60.00	0.00249	-50.00	50.00	0.00290
-50.00	40.00	0.00339	-50.00	30.00	0.00396
-50.00	25.00	0.00428	-50.00	20.00	0.00459
-50.00	17.00	0.00475	-50.00	15.00	0.00484
-50.00	13.00	0.00491	-50.00	11.00	0.00495
-50.00	9.00	0.00497	-50.00	-9.00	0.00253

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-11.00	0.00235	-50.00	-13.00	0.00222
-50.00	-15.00	0.00212	-50.00	-17.00	0.00204
-50.00	-20.00	0.00194	-50.00	-25.00	0.00180
-50.00	-30.00	0.00168	-50.00	-40.00	0.00147
-50.00	-50.00	0.00130	-50.00	-60.00	0.00115
-50.00	-70.00	0.00102	-50.00	-80.00	0.00091
-50.00	-90.00	0.00081	-50.00	-100.00	0.00072
-40.00	100.00	0.00129	-40.00	90.00	0.00145
-40.00	80.00	0.00163	-40.00	70.00	0.00184
-40.00	60.00	0.00208	-40.00	50.00	0.00235
-40.00	40.00	0.00264	-40.00	30.00	0.00292
-40.00	25.00	0.00304	-40.00	20.00	0.00311

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\_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	0.00311	-40.00	15.00	0.00308
-40.00	13.00	0.00303	-40.00	11.00	0.00294
-40.00	9.00	0.00281	-40.00	-9.00	0.00134
-40.00	-11.00	0.00133	-40.00	-13.00	0.00131
-40.00	-15.00	0.00130	-40.00	-17.00	0.00129
-40.00	-20.00	0.00127	-40.00	-25.00	0.00123
-40.00	-30.00	0.00119	-40.00	-40.00	0.00110
-40.00	-50.00	0.00100	-40.00	-60.00	0.00091
-40.00	-70.00	0.00083	-40.00	-80.00	0.00076
-40.00	-90.00	0.00069	-40.00	-100.00	0.00062
-30.00	100.00	0.00114	-30.00	90.00	0.00126
-30.00	80.00	0.00139	-30.00	70.00	0.00153
-30.00	60.00	0.00169	-30.00	50.00	0.00184
-30.00	40.00	0.00198	-30.00	30.00	0.00206
-30.00	25.00	0.00206	-30.00	20.00	0.00202
-30.00	17.00	0.00196	-30.00	15.00	0.00191
-30.00	13.00	0.00184	-30.00	11.00	0.00176
-30.00	9.00	0.00167	-30.00	-9.00	0.00098
-30.00	-11.00	0.00096	-30.00	-13.00	0.00094
-30.00	-15.00	0.00092	-30.00	-17.00	0.00090
-30.00	-20.00	0.00089	-30.00	-25.00	0.00088
-30.00	-30.00	0.00086	-30.00	-40.00	0.00083

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	-50.00	0.00079	-30.00	-60.00	0.00073
-30.00	-70.00	0.00068	-30.00	-80.00	0.00063
-30.00	-90.00	0.00058	-30.00	-100.00	0.00054
-20.00	100.00	0.00099	-20.00	90.00	0.00108
-20.00	80.00	0.00117	-20.00	70.00	0.00126
-20.00	60.00	0.00135	-20.00	50.00	0.00143
-20.00	40.00	0.00149	-20.00	30.00	0.00149
-20.00	25.00	0.00146	-20.00	20.00	0.00140
-20.00	17.00	0.00135	-20.00	15.00	0.00131
-20.00	13.00	0.00126	-20.00	11.00	0.00121
-20.00	9.00	0.00115	-20.00	-9.00	0.00078
-20.00	-11.00	0.00077	-20.00	-13.00	0.00075
-20.00	-15.00	0.00074	-20.00	-17.00	0.00072
-20.00	-20.00	0.00070	-20.00	-25.00	0.00067
-20.00	-30.00	0.00065	-20.00	-40.00	0.00063
-20.00	-50.00	0.00061	-20.00	-60.00	0.00058
-20.00	-70.00	0.00056	-20.00	-80.00	0.00053
-20.00	-90.00	0.00050	-20.00	-100.00	0.00047

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	100.00	0.00085	-10.00	90.00	0.00091
-10.00	80.00	0.00097	-10.00	70.00	0.00103
-10.00	60.00	0.00109	-10.00	50.00	0.00113
-10.00	40.00	0.00114	-10.00	30.00	0.00111
-10.00	25.00	0.00108	-10.00	20.00	0.00103
-10.00	17.00	0.00099	-10.00	15.00	0.00096
-10.00	13.00	0.00092	-10.00	11.00	0.00089
-10.00	9.00	0.00086	-10.00	-9.00	0.00063
-10.00	-11.00	0.00062	-10.00	-13.00	0.00061
-10.00	-15.00	0.00061	-10.00	-17.00	0.00060
-10.00	-20.00	0.00058	-10.00	-25.00	0.00056
-10.00	-30.00	0.00053	-10.00	-40.00	0.00049
-10.00	-50.00	0.00047	-10.00	-60.00	0.00046
-10.00	-70.00	0.00045	-10.00	-80.00	0.00043
-10.00	-90.00	0.00042	-10.00	-100.00	0.00040
0.00	100.00	0.00073	0.00	90.00	0.00077



07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	80.00	0.00082	0.00	70.00	0.00085
0.00	60.00	0.00089	0.00	50.00	0.00090
0.00	40.00	0.00089	0.00	30.00	0.00086
0.00	25.00	0.00082	0.00	20.00	0.00078
0.00	17.00	0.00075	0.00	15.00	0.00073
0.00	13.00	0.00071	0.00	11.00	0.00069
0.00	9.00	0.00066	0.00	-9.00	0.00052
0.00	-11.00	0.00051	0.00	-13.00	0.00050
0.00	-15.00	0.00050	0.00	-17.00	0.00049
0.00	-20.00	0.00049	0.00	-25.00	0.00047
0.00	-30.00	0.00045	0.00	-40.00	0.00041
0.00	-50.00	0.00038	0.00	-60.00	0.00037
0.00	-70.00	0.00036	0.00	-80.00	0.00035
0.00	-90.00	0.00034	0.00	-100.00	0.00034
10.00	100.00	0.00063	10.00	90.00	0.00066
10.00	80.00	0.00069	10.00	70.00	0.00071
10.00	60.00	0.00072	10.00	50.00	0.00072
10.00	40.00	0.00071	10.00	30.00	0.00068
10.00	25.00	0.00065	10.00	20.00	0.00062
10.00	17.00	0.00060	10.00	15.00	0.00058
10.00	13.00	0.00057	10.00	11.00	0.00055
10.00	9.00	0.00053	10.00	-9.00	0.00043
10.00	-11.00	0.00043	10.00	-13.00	0.00042
10.00	-15.00	0.00042	10.00	-17.00	0.00041

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

17:14:39  
 \*\*MODELOPTs:  
 PAGE 93  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00041	10.00	-25.00	0.00040
10.00	-30.00	0.00039	10.00	-40.00	0.00035
10.00	-50.00	0.00032	10.00	-60.00	0.00030
10.00	-70.00	0.00029	10.00	-80.00	0.00029
10.00	-90.00	0.00028	10.00	-100.00	0.00028
20.00	100.00	0.00055	20.00	90.00	0.00057
20.00	80.00	0.00059	20.00	70.00	0.00060
20.00	60.00	0.00060	20.00	50.00	0.00060
20.00	40.00	0.00058	20.00	30.00	0.00055
20.00	25.00	0.00053	20.00	20.00	0.00050

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	17.00	0.00048	20.00	15.00	0.00047
20.00	13.00	0.00046	20.00	11.00	0.00045
20.00	9.00	0.00044	20.00	-9.00	0.00037
20.00	-11.00	0.00036	20.00	-13.00	0.00036
20.00	-15.00	0.00035	20.00	-17.00	0.00035
20.00	-20.00	0.00034	20.00	-25.00	0.00034
20.00	-30.00	0.00033	20.00	-40.00	0.00031
20.00	-50.00	0.00028	20.00	-60.00	0.00026
20.00	-70.00	0.00025	20.00	-80.00	0.00024
20.00	-90.00	0.00023	20.00	-100.00	0.00023
30.00	100.00	0.00048	30.00	90.00	0.00049
30.00	80.00	0.00050	30.00	70.00	0.00050
30.00	60.00	0.00050	30.00	50.00	0.00050
30.00	40.00	0.00048	30.00	30.00	0.00045
30.00	25.00	0.00043	30.00	20.00	0.00041
30.00	17.00	0.00040	30.00	15.00	0.00039
30.00	13.00	0.00038	30.00	11.00	0.00037
30.00	9.00	0.00037	30.00	-9.00	0.00031
30.00	-11.00	0.00031	30.00	-13.00	0.00031
30.00	-15.00	0.00030	30.00	-17.00	0.00030
30.00	-20.00	0.00029	30.00	-25.00	0.00029
30.00	-30.00	0.00029	30.00	-40.00	0.00028
30.00	-50.00	0.00025	30.00	-60.00	0.00023
30.00	-70.00	0.00021	30.00	-80.00	0.00020
30.00	-90.00	0.00020	30.00	-100.00	0.00020
40.00	100.00	0.00042	40.00	90.00	0.00042
40.00	80.00	0.00043	40.00	70.00	0.00043
40.00	60.00	0.00043	40.00	50.00	0.00042
40.00	40.00	0.00040	40.00	30.00	0.00038
40.00	25.00	0.00036	40.00	20.00	0.00035

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

17:14:39  
 \*\*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	0.00034	40.00	15.00	0.00033
40.00	13.00	0.00032	40.00	11.00	0.00032
40.00	9.00	0.00031	40.00	-9.00	0.00027
40.00	-11.00	0.00027	40.00	-13.00	0.00027

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	-15.00	0.00026	40.00	-17.00	0.00026
40.00	-20.00	0.00026	40.00	-25.00	0.00025
40.00	-30.00	0.00025	40.00	-40.00	0.00024
40.00	-50.00	0.00023	40.00	-60.00	0.00021
40.00	-70.00	0.00019	40.00	-80.00	0.00018
40.00	-90.00	0.00017	40.00	-100.00	0.00017
50.00	100.00	0.00037	50.00	90.00	0.00037
50.00	80.00	0.00037	50.00	70.00	0.00037
50.00	60.00	0.00037	50.00	50.00	0.00036
50.00	40.00	0.00034	50.00	30.00	0.00032
50.00	25.00	0.00031	50.00	20.00	0.00030
50.00	17.00	0.00029	50.00	15.00	0.00028
50.00	13.00	0.00028	50.00	11.00	0.00027
50.00	9.00	0.00027	50.00	-9.00	0.00024
50.00	-11.00	0.00023	50.00	-13.00	0.00023
50.00	-15.00	0.00023	50.00	-17.00	0.00023
50.00	-20.00	0.00022	50.00	-25.00	0.00022
50.00	-30.00	0.00022	50.00	-40.00	0.00021
50.00	-50.00	0.00021	50.00	-60.00	0.00019
50.00	-70.00	0.00017	50.00	-80.00	0.00016
50.00	-90.00	0.00015	50.00	-100.00	0.00015
60.00	100.00	0.00032	60.00	90.00	0.00032
60.00	80.00	0.00033	60.00	70.00	0.00032
60.00	60.00	0.00032	60.00	50.00	0.00031
60.00	40.00	0.00029	60.00	30.00	0.00028
60.00	25.00	0.00027	60.00	20.00	0.00026
60.00	17.00	0.00025	60.00	15.00	0.00024
60.00	13.00	0.00024	60.00	11.00	0.00024
60.00	9.00	0.00023	60.00	-9.00	0.00021
60.00	-11.00	0.00021	60.00	-13.00	0.00020
60.00	-15.00	0.00020	60.00	-17.00	0.00020
60.00	-20.00	0.00020	60.00	-25.00	0.00019
60.00	-30.00	0.00019	60.00	-40.00	0.00019
60.00	-50.00	0.00018	60.00	-60.00	0.00017
60.00	-70.00	0.00016	60.00	-80.00	0.00015
60.00	-90.00	0.00014	60.00	-100.00	0.00013

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

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

17:14:39

\*\*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 \*\*\*

07NCRA\_NAPA95-300\_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	0.00029	70.00	90.00	0.00029
70.00	80.00	0.00029	70.00	70.00	0.00028
70.00	60.00	0.00028	70.00	50.00	0.00027
70.00	40.00	0.00025	70.00	30.00	0.00024
70.00	25.00	0.00023	70.00	20.00	0.00022
70.00	17.00	0.00022	70.00	15.00	0.00021
70.00	13.00	0.00021	70.00	11.00	0.00021
70.00	9.00	0.00020	70.00	-9.00	0.00019
70.00	-11.00	0.00018	70.00	-13.00	0.00018
70.00	-15.00	0.00018	70.00	-17.00	0.00018
70.00	-20.00	0.00018	70.00	-25.00	0.00017
70.00	-30.00	0.00017	70.00	-40.00	0.00017
70.00	-50.00	0.00017	70.00	-60.00	0.00016
70.00	-70.00	0.00015	70.00	-80.00	0.00014
70.00	-90.00	0.00013	70.00	-100.00	0.00012
80.00	100.00	0.00025	80.00	90.00	0.00026
80.00	80.00	0.00025	80.00	70.00	0.00025
80.00	60.00	0.00024	80.00	50.00	0.00023
80.00	40.00	0.00022	80.00	30.00	0.00021
80.00	25.00	0.00020	80.00	20.00	0.00020
80.00	17.00	0.00019	80.00	15.00	0.00019
80.00	13.00	0.00019	80.00	11.00	0.00018
80.00	9.00	0.00018	80.00	-9.00	0.00017
80.00	-11.00	0.00016	80.00	-13.00	0.00016
80.00	-15.00	0.00016	80.00	-17.00	0.00016
80.00	-20.00	0.00016	80.00	-25.00	0.00015
80.00	-30.00	0.00015	80.00	-40.00	0.00015
80.00	-50.00	0.00015	80.00	-60.00	0.00014
80.00	-70.00	0.00014	80.00	-80.00	0.00013
80.00	-90.00	0.00012	80.00	-100.00	0.00011
90.00	100.00	0.00023	90.00	90.00	0.00023
90.00	80.00	0.00023	90.00	70.00	0.00022
90.00	60.00	0.00021	90.00	50.00	0.00021
90.00	40.00	0.00020	90.00	30.00	0.00019
90.00	25.00	0.00018	90.00	20.00	0.00017
90.00	17.00	0.00017	90.00	15.00	0.00017
90.00	13.00	0.00017	90.00	11.00	0.00016
90.00	9.00	0.00016	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	0.00014

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:14:39

\*\*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	0.00014	90.00	-25.00	0.00014
90.00	-30.00	0.00014	90.00	-40.00	0.00013
90.00	-50.00	0.00013	90.00	-60.00	0.00013
90.00	-70.00	0.00013	90.00	-80.00	0.00012
90.00	-90.00	0.00011	90.00	-100.00	0.00010
100.00	100.00	0.00021	100.00	90.00	0.00020
100.00	80.00	0.00020	100.00	70.00	0.00020
100.00	60.00	0.00019	100.00	50.00	0.00018
100.00	40.00	0.00018	100.00	30.00	0.00017
100.00	25.00	0.00016	100.00	20.00	0.00016
100.00	17.00	0.00015	100.00	15.00	0.00015
100.00	13.00	0.00015	100.00	11.00	0.00015
100.00	9.00	0.00015	100.00	-9.00	0.00013
100.00	-11.00	0.00013	100.00	-13.00	0.00013
100.00	-15.00	0.00013	100.00	-17.00	0.00013
100.00	-20.00	0.00013	100.00	-25.00	0.00013
100.00	-30.00	0.00012	100.00	-40.00	0.00012
100.00	-50.00	0.00012	100.00	-60.00	0.00012
100.00	-70.00	0.00012	100.00	-80.00	0.00011
100.00	-90.00	0.00010	100.00	-100.00	0.00010
110.00	100.00	0.00019	110.00	90.00	0.00018
110.00	80.00	0.00018	110.00	70.00	0.00018
110.00	60.00	0.00017	110.00	50.00	0.00016
110.00	40.00	0.00016	110.00	30.00	0.00015
110.00	25.00	0.00014	110.00	20.00	0.00014
110.00	17.00	0.00014	110.00	15.00	0.00014
110.00	13.00	0.00013	110.00	11.00	0.00013
110.00	9.00	0.00013	110.00	-9.00	0.00012
110.00	-11.00	0.00012	110.00	-13.00	0.00012
110.00	-15.00	0.00012	110.00	-17.00	0.00012
110.00	-20.00	0.00012	110.00	-25.00	0.00012
110.00	-30.00	0.00011	110.00	-40.00	0.00011
110.00	-50.00	0.00011	110.00	-60.00	0.00011
110.00	-70.00	0.00011	110.00	-80.00	0.00010
110.00	-90.00	0.00010	110.00	-100.00	0.00009
120.00	100.00	0.00017	120.00	90.00	0.00017

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

120.00	80.00	0.00016	120.00	70.00	0.00016
120.00	60.00	0.00015	120.00	50.00	0.00015
120.00	40.00	0.00014	120.00	30.00	0.00013
120.00	25.00	0.00013	120.00	20.00	0.00013

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

17:14:39  
 \*\*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	0.00012	120.00	15.00	0.00012
120.00	13.00	0.00012	120.00	11.00	0.00012
120.00	9.00	0.00012	120.00	-9.00	0.00011
120.00	-11.00	0.00011	120.00	-13.00	0.00011
120.00	-15.00	0.00011	120.00	-17.00	0.00011
120.00	-20.00	0.00011	120.00	-25.00	0.00011
120.00	-30.00	0.00010	120.00	-40.00	0.00010
120.00	-50.00	0.00010	120.00	-60.00	0.00010
120.00	-70.00	0.00010	120.00	-80.00	0.00010
120.00	-90.00	0.00009	120.00	-100.00	0.00009
130.00	100.00	0.00015	130.00	90.00	0.00015
130.00	80.00	0.00015	130.00	70.00	0.00014
130.00	60.00	0.00014	130.00	50.00	0.00013
130.00	40.00	0.00013	130.00	30.00	0.00012
130.00	25.00	0.00012	130.00	20.00	0.00011
130.00	17.00	0.00011	130.00	15.00	0.00011
130.00	13.00	0.00011	130.00	11.00	0.00011
130.00	9.00	0.00011	130.00	-9.00	0.00010
130.00	-11.00	0.00010	130.00	-13.00	0.00010
130.00	-15.00	0.00010	130.00	-17.00	0.00010
130.00	-20.00	0.00010	130.00	-25.00	0.00010
130.00	-30.00	0.00010	130.00	-40.00	0.00009
130.00	-50.00	0.00009	130.00	-60.00	0.00009
130.00	-70.00	0.00009	130.00	-80.00	0.00009
130.00	-90.00	0.00009	130.00	-100.00	0.00008
140.00	100.00	0.00014	140.00	90.00	0.00014
140.00	80.00	0.00013	140.00	70.00	0.00013
140.00	60.00	0.00013	140.00	50.00	0.00012
140.00	40.00	0.00012	140.00	30.00	0.00011
140.00	25.00	0.00011	140.00	20.00	0.00010

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

17:14:39

\*\*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	0.00013	150.00	90.00	0.00012
150.00	80.00	0.00012	150.00	70.00	0.00012
150.00	60.00	0.00012	150.00	50.00	0.00011
150.00	40.00	0.00011	150.00	30.00	0.00010
150.00	25.00	0.00010	150.00	20.00	0.00010
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	0.00009
150.00	-11.00	0.00009	150.00	-13.00	0.00009
150.00	-15.00	0.00009	150.00	-17.00	0.00009
150.00	-20.00	0.00008	150.00	-25.00	0.00008
150.00	-30.00	0.00008	150.00	-40.00	0.00008
150.00	-50.00	0.00008	150.00	-60.00	0.00008
150.00	-70.00	0.00008	150.00	-80.00	0.00008
150.00	-90.00	0.00008	150.00	-100.00	0.00007
160.00	100.00	0.00012	160.00	90.00	0.00011
160.00	80.00	0.00011	160.00	70.00	0.00011
160.00	60.00	0.00011	160.00	50.00	0.00010
160.00	40.00	0.00010	160.00	30.00	0.00009
160.00	25.00	0.00009	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	0.00008	160.00	-9.00	0.00008
160.00	-11.00	0.00008	160.00	-13.00	0.00008

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	-15.00	0.00008	160.00	-17.00	0.00008
160.00	-20.00	0.00008	160.00	-25.00	0.00008
160.00	-30.00	0.00008	160.00	-40.00	0.00007
160.00	-50.00	0.00007	160.00	-60.00	0.00007
160.00	-70.00	0.00007	160.00	-80.00	0.00007
160.00	-90.00	0.00007	160.00	-100.00	0.00007
170.00	100.00	0.00011	170.00	90.00	0.00011
170.00	80.00	0.00010	170.00	70.00	0.00010
170.00	60.00	0.00010	170.00	50.00	0.00009
170.00	40.00	0.00009	170.00	30.00	0.00009
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	0.00007
170.00	-11.00	0.00007	170.00	-13.00	0.00007
170.00	-15.00	0.00007	170.00	-17.00	0.00007

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

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

17:14:39

\*\*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	0.00007	170.00	-25.00	0.00007
170.00	-30.00	0.00007	170.00	-40.00	0.00007
170.00	-50.00	0.00007	170.00	-60.00	0.00007
170.00	-70.00	0.00007	170.00	-80.00	0.00007
170.00	-90.00	0.00007	170.00	-100.00	0.00006
180.00	100.00	0.00010	180.00	90.00	0.00010
180.00	80.00	0.00010	180.00	70.00	0.00009
180.00	60.00	0.00009	180.00	50.00	0.00009
180.00	40.00	0.00008	180.00	30.00	0.00008
180.00	25.00	0.00008	180.00	20.00	0.00008
180.00	17.00	0.00008	180.00	15.00	0.00007
180.00	13.00	0.00007	180.00	11.00	0.00007
180.00	9.00	0.00007	180.00	-9.00	0.00007
180.00	-11.00	0.00007	180.00	-13.00	0.00007
180.00	-15.00	0.00007	180.00	-17.00	0.00007
180.00	-20.00	0.00007	180.00	-25.00	0.00007
180.00	-30.00	0.00007	180.00	-40.00	0.00006
180.00	-50.00	0.00006	180.00	-60.00	0.00006



07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	-70.00	0.00006	180.00	-80.00	0.00006
180.00	-90.00	0.00006	180.00	-100.00	0.00006
190.00	100.00	0.00009	190.00	90.00	0.00009
190.00	80.00	0.00009	190.00	70.00	0.00009
190.00	60.00	0.00008	190.00	50.00	0.00008
190.00	40.00	0.00008	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	0.00007
190.00	13.00	0.00007	190.00	11.00	0.00007
190.00	9.00	0.00007	190.00	-9.00	0.00007
190.00	-11.00	0.00006	190.00	-13.00	0.00006
190.00	-15.00	0.00006	190.00	-17.00	0.00006
190.00	-20.00	0.00006	190.00	-25.00	0.00006
190.00	-30.00	0.00006	190.00	-40.00	0.00006
190.00	-50.00	0.00006	190.00	-60.00	0.00006
190.00	-70.00	0.00006	190.00	-80.00	0.00006
190.00	-90.00	0.00006	190.00	-100.00	0.00006
200.00	100.00	0.00009	200.00	90.00	0.00008
200.00	80.00	0.00008	200.00	70.00	0.00008
200.00	60.00	0.00008	200.00	50.00	0.00007
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:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00007	200.00	15.00	0.00006
200.00	13.00	0.00006	200.00	11.00	0.00006
200.00	9.00	0.00006	200.00	-9.00	0.00006
200.00	-11.00	0.00006	200.00	-13.00	0.00006
200.00	-15.00	0.00006	200.00	-17.00	0.00006
200.00	-20.00	0.00006	200.00	-25.00	0.00006
200.00	-30.00	0.00006	200.00	-40.00	0.00006
200.00	-50.00	0.00006	200.00	-60.00	0.00005
200.00	-70.00	0.00005	200.00	-80.00	0.00005
200.00	-90.00	0.00005	200.00	-100.00	0.00005
210.00	100.00	0.00008	210.00	90.00	0.00008
210.00	80.00	0.00008	210.00	70.00	0.00007

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

\*\*MODELOPTs:  
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00007	230.00	90.00	0.00007
230.00	80.00	0.00007	230.00	70.00	0.00007
230.00	60.00	0.00006	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	0.00005
230.00	17.00	0.00005	230.00	15.00	0.00005

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	13.00	0.00005	230.00	11.00	0.00005
230.00	9.00	0.00005	230.00	-9.00	0.00005
230.00	-11.00	0.00005	230.00	-13.00	0.00005
230.00	-15.00	0.00005	230.00	-17.00	0.00005
230.00	-20.00	0.00005	230.00	-25.00	0.00005
230.00	-30.00	0.00005	230.00	-40.00	0.00005
230.00	-50.00	0.00005	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	0.00007	240.00	90.00	0.00006
240.00	80.00	0.00006	240.00	70.00	0.00006
240.00	60.00	0.00006	240.00	50.00	0.00006
240.00	40.00	0.00005	240.00	30.00	0.00005
240.00	25.00	0.00005	240.00	20.00	0.00005
240.00	17.00	0.00005	240.00	15.00	0.00005
240.00	13.00	0.00005	240.00	11.00	0.00005
240.00	9.00	0.00005	240.00	-9.00	0.00005
240.00	-11.00	0.00005	240.00	-13.00	0.00005
240.00	-15.00	0.00005	240.00	-17.00	0.00005
240.00	-20.00	0.00005	240.00	-25.00	0.00005
240.00	-30.00	0.00005	240.00	-40.00	0.00005
240.00	-50.00	0.00004	240.00	-60.00	0.00004
240.00	-70.00	0.00004	240.00	-80.00	0.00004
240.00	-90.00	0.00004	240.00	-100.00	0.00004
250.00	100.00	0.00006	250.00	90.00	0.00006
250.00	80.00	0.00006	250.00	70.00	0.00006
250.00	60.00	0.00006	250.00	50.00	0.00005
250.00	40.00	0.00005	250.00	30.00	0.00005
250.00	25.00	0.00005	250.00	20.00	0.00005
250.00	17.00	0.00005	250.00	15.00	0.00005
250.00	13.00	0.00005	250.00	11.00	0.00005
250.00	9.00	0.00005	250.00	-9.00	0.00005
250.00	-11.00	0.00005	250.00	-13.00	0.00005
250.00	-15.00	0.00004	250.00	-17.00	0.00004

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

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

17:14:39

\*\*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
-----	-----	-----	-----	-----	-----

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

250.00	-20.00	0.00004	250.00	-25.00	0.00004
250.00	-30.00	0.00004	250.00	-40.00	0.00004
250.00	-50.00	0.00004	250.00	-60.00	0.00004
250.00	-70.00	0.00004	250.00	-80.00	0.00004
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      \*\*\*

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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	0.00052	-250.00	90.00	0.00054
-250.00	80.00	0.00055	-250.00	70.00	0.00057
-250.00	60.00	0.00059	-250.00	50.00	0.00061
-250.00	40.00	0.00067	-250.00	30.00	0.00079
-250.00	25.00	0.00089	-250.00	20.00	0.00102
-250.00	17.00	0.00112	-250.00	15.00	0.00119
-250.00	13.00	0.00126	-250.00	11.00	0.00133
-250.00	9.00	0.00141	-250.00	-9.00	0.00210
-250.00	-11.00	0.00217	-250.00	-13.00	0.00224
-250.00	-15.00	0.00229	-250.00	-17.00	0.00233
-250.00	-20.00	0.00237	-250.00	-25.00	0.00241
-250.00	-30.00	0.00240	-250.00	-40.00	0.00228
-250.00	-50.00	0.00209	-250.00	-60.00	0.00189
-250.00	-70.00	0.00170	-250.00	-80.00	0.00152
-250.00	-90.00	0.00135	-250.00	-100.00	0.00121
-240.00	100.00	0.00067	-240.00	90.00	0.00072
-240.00	80.00	0.00076	-240.00	70.00	0.00080
-240.00	60.00	0.00084	-240.00	50.00	0.00088
-240.00	40.00	0.00091	-240.00	30.00	0.00097
-240.00	25.00	0.00104	-240.00	20.00	0.00115
-240.00	17.00	0.00124	-240.00	15.00	0.00132
-240.00	13.00	0.00141	-240.00	11.00	0.00150
-240.00	9.00	0.00161	-240.00	-9.00	0.00270
-240.00	-11.00	0.00279	-240.00	-13.00	0.00285
-240.00	-15.00	0.00290	-240.00	-17.00	0.00293
-240.00	-20.00	0.00296	-240.00	-25.00	0.00294
-240.00	-30.00	0.00287	-240.00	-40.00	0.00265
-240.00	-50.00	0.00239	-240.00	-60.00	0.00213
-240.00	-70.00	0.00188	-240.00	-80.00	0.00165

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-90.00	0.00145	-240.00	-100.00	0.00128
-230.00	100.00	0.00086	-230.00	90.00	0.00094
-230.00	80.00	0.00102	-230.00	70.00	0.00112
-230.00	60.00	0.00123	-230.00	50.00	0.00135
-230.00	40.00	0.00147	-230.00	30.00	0.00158
-230.00	25.00	0.00164	-230.00	20.00	0.00168
-230.00	17.00	0.00171	-230.00	15.00	0.00173
-230.00	13.00	0.00177	-230.00	11.00	0.00183
-230.00	9.00	0.00192	-230.00	-9.00	0.00368
-230.00	-11.00	0.00371	-230.00	-13.00	0.00372
-230.00	-15.00	0.00371	-230.00	-17.00	0.00370

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00366	-230.00	-25.00	0.00355
-230.00	-30.00	0.00340	-230.00	-40.00	0.00305
-230.00	-50.00	0.00268	-230.00	-60.00	0.00233
-230.00	-70.00	0.00202	-230.00	-80.00	0.00175
-230.00	-90.00	0.00152	-230.00	-100.00	0.00133
-220.00	100.00	0.00106	-220.00	90.00	0.00118
-220.00	80.00	0.00131	-220.00	70.00	0.00148
-220.00	60.00	0.00168	-220.00	50.00	0.00193
-220.00	40.00	0.00224	-220.00	30.00	0.00263
-220.00	25.00	0.00287	-220.00	20.00	0.00314
-220.00	17.00	0.00332	-220.00	15.00	0.00346
-220.00	13.00	0.00361	-220.00	11.00	0.00379
-220.00	9.00	0.00403	-220.00	-9.00	0.00478
-220.00	-11.00	0.00465	-220.00	-13.00	0.00454
-220.00	-15.00	0.00445	-220.00	-17.00	0.00436
-220.00	-20.00	0.00423	-220.00	-25.00	0.00401
-220.00	-30.00	0.00377	-220.00	-40.00	0.00330
-220.00	-50.00	0.00285	-220.00	-60.00	0.00245
-220.00	-70.00	0.00210	-220.00	-80.00	0.00180
-220.00	-90.00	0.00155	-220.00	-100.00	0.00134
-210.00	100.00	0.00124	-210.00	90.00	0.00140
-210.00	80.00	0.00159	-210.00	70.00	0.00182
-210.00	60.00	0.00211	-210.00	50.00	0.00246

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	40.00	0.00291	-210.00	30.00	0.00348
-210.00	25.00	0.00381	-210.00	20.00	0.00418
-210.00	17.00	0.00442	-210.00	15.00	0.00458
-210.00	13.00	0.00474	-210.00	11.00	0.00490
-210.00	9.00	0.00509	-210.00	-9.00	0.00502
-210.00	-11.00	0.00489	-210.00	-13.00	0.00479
-210.00	-15.00	0.00470	-210.00	-17.00	0.00461
-210.00	-20.00	0.00447	-210.00	-25.00	0.00422
-210.00	-30.00	0.00395	-210.00	-40.00	0.00341
-210.00	-50.00	0.00292	-210.00	-60.00	0.00248
-210.00	-70.00	0.00211	-210.00	-80.00	0.00180
-210.00	-90.00	0.00154	-210.00	-100.00	0.00133
-200.00	100.00	0.00141	-200.00	90.00	0.00160
-200.00	80.00	0.00183	-200.00	70.00	0.00212
-200.00	60.00	0.00246	-200.00	50.00	0.00288
-200.00	40.00	0.00339	-200.00	30.00	0.00401
-200.00	25.00	0.00437	-200.00	20.00	0.00474

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	0.00496	-200.00	15.00	0.00510
-200.00	13.00	0.00523	-200.00	11.00	0.00536
-200.00	9.00	0.00550	-200.00	-9.00	0.00507
-200.00	-11.00	0.00492	-200.00	-13.00	0.00481
-200.00	-15.00	0.00471	-200.00	-17.00	0.00461
-200.00	-20.00	0.00447	-200.00	-25.00	0.00423
-200.00	-30.00	0.00397	-200.00	-40.00	0.00343
-200.00	-50.00	0.00291	-200.00	-60.00	0.00245
-200.00	-70.00	0.00207	-200.00	-80.00	0.00175
-200.00	-90.00	0.00150	-200.00	-100.00	0.00129
-190.00	100.00	0.00154	-190.00	90.00	0.00176
-190.00	80.00	0.00203	-190.00	70.00	0.00234
-190.00	60.00	0.00272	-190.00	50.00	0.00317
-190.00	40.00	0.00371	-190.00	30.00	0.00434
-190.00	25.00	0.00468	-190.00	20.00	0.00502
-190.00	17.00	0.00521	-190.00	15.00	0.00533
-190.00	13.00	0.00544	-190.00	11.00	0.00555

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	9.00	0.00566	-190.00	-9.00	0.00501
-190.00	-11.00	0.00486	-190.00	-13.00	0.00473
-190.00	-15.00	0.00461	-190.00	-17.00	0.00450
-190.00	-20.00	0.00434	-190.00	-25.00	0.00409
-190.00	-30.00	0.00383	-190.00	-40.00	0.00332
-190.00	-50.00	0.00282	-190.00	-60.00	0.00237
-190.00	-70.00	0.00199	-190.00	-80.00	0.00168
-190.00	-90.00	0.00144	-190.00	-100.00	0.00124
-180.00	100.00	0.00163	-180.00	90.00	0.00187
-180.00	80.00	0.00215	-180.00	70.00	0.00249
-180.00	60.00	0.00290	-180.00	50.00	0.00337
-180.00	40.00	0.00392	-180.00	30.00	0.00453
-180.00	25.00	0.00485	-180.00	20.00	0.00516
-180.00	17.00	0.00532	-180.00	15.00	0.00542
-180.00	13.00	0.00551	-180.00	11.00	0.00559
-180.00	9.00	0.00568	-180.00	-9.00	0.00486
-180.00	-11.00	0.00469	-180.00	-13.00	0.00454
-180.00	-15.00	0.00441	-180.00	-17.00	0.00429
-180.00	-20.00	0.00412	-180.00	-25.00	0.00385
-180.00	-30.00	0.00360	-180.00	-40.00	0.00310
-180.00	-50.00	0.00263	-180.00	-60.00	0.00222
-180.00	-70.00	0.00187	-180.00	-80.00	0.00159
-180.00	-90.00	0.00135	-180.00	-100.00	0.00116

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	100.00	0.00166	-170.00	90.00	0.00191
-170.00	80.00	0.00221	-170.00	70.00	0.00257
-170.00	60.00	0.00299	-170.00	50.00	0.00349
-170.00	40.00	0.00404	-170.00	30.00	0.00464
-170.00	25.00	0.00494	-170.00	20.00	0.00520
-170.00	17.00	0.00534	-170.00	15.00	0.00542
-170.00	13.00	0.00549	-170.00	11.00	0.00554
-170.00	9.00	0.00561	-170.00	-9.00	0.00459
-170.00	-11.00	0.00439	-170.00	-13.00	0.00423
-170.00	-15.00	0.00409	-170.00	-17.00	0.00397
-170.00	-20.00	0.00379	-170.00	-25.00	0.00351

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-30.00	0.00326	-170.00	-40.00	0.00278
-170.00	-50.00	0.00237	-170.00	-60.00	0.00201
-170.00	-70.00	0.00171	-170.00	-80.00	0.00146
-170.00	-90.00	0.00125	-170.00	-100.00	0.00107
-160.00	100.00	0.00164	-160.00	90.00	0.00188
-160.00	80.00	0.00218	-160.00	70.00	0.00255
-160.00	60.00	0.00298	-160.00	50.00	0.00349
-160.00	40.00	0.00406	-160.00	30.00	0.00467
-160.00	25.00	0.00495	-160.00	20.00	0.00519
-160.00	17.00	0.00531	-160.00	15.00	0.00536
-160.00	13.00	0.00540	-160.00	11.00	0.00543
-160.00	9.00	0.00546	-160.00	-9.00	0.00417
-160.00	-11.00	0.00395	-160.00	-13.00	0.00378
-160.00	-15.00	0.00364	-160.00	-17.00	0.00351
-160.00	-20.00	0.00333	-160.00	-25.00	0.00306
-160.00	-30.00	0.00281	-160.00	-40.00	0.00240
-160.00	-50.00	0.00205	-160.00	-60.00	0.00176
-160.00	-70.00	0.00150	-160.00	-80.00	0.00129
-160.00	-90.00	0.00111	-160.00	-100.00	0.00096
-150.00	100.00	0.00156	-150.00	90.00	0.00179
-150.00	80.00	0.00207	-150.00	70.00	0.00241
-150.00	60.00	0.00282	-150.00	50.00	0.00331
-150.00	40.00	0.00390	-150.00	30.00	0.00454
-150.00	25.00	0.00485	-150.00	20.00	0.00511
-150.00	17.00	0.00522	-150.00	15.00	0.00526
-150.00	13.00	0.00528	-150.00	11.00	0.00528
-150.00	9.00	0.00528	-150.00	-9.00	0.00355
-150.00	-11.00	0.00332	-150.00	-13.00	0.00314
-150.00	-15.00	0.00300	-150.00	-17.00	0.00287

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

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

17:14:39

\*\*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	-20.00	0.00271	-150.00	-25.00	0.00248
-150.00	-30.00	0.00229	-150.00	-40.00	0.00196
-150.00	-50.00	0.00168	-150.00	-60.00	0.00145
-150.00	-70.00	0.00126	-150.00	-80.00	0.00109
-150.00	-90.00	0.00095	-150.00	-100.00	0.00084



07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-140.00	100.00	0.00144	-140.00	90.00	0.00164
-140.00	80.00	0.00188	-140.00	70.00	0.00216
-140.00	60.00	0.00249	-140.00	50.00	0.00290
-140.00	40.00	0.00339	-140.00	30.00	0.00396
-140.00	25.00	0.00428	-140.00	20.00	0.00459
-140.00	17.00	0.00475	-140.00	15.00	0.00484
-140.00	13.00	0.00491	-140.00	11.00	0.00495
-140.00	9.00	0.00497	-140.00	-9.00	0.00253
-140.00	-11.00	0.00235	-140.00	-13.00	0.00222
-140.00	-15.00	0.00212	-140.00	-17.00	0.00204
-140.00	-20.00	0.00194	-140.00	-25.00	0.00180
-140.00	-30.00	0.00168	-140.00	-40.00	0.00147
-140.00	-50.00	0.00130	-140.00	-60.00	0.00115
-140.00	-70.00	0.00102	-140.00	-80.00	0.00091
-140.00	-90.00	0.00081	-140.00	-100.00	0.00072
-130.00	100.00	0.00129	-130.00	90.00	0.00145
-130.00	80.00	0.00163	-130.00	70.00	0.00184
-130.00	60.00	0.00208	-130.00	50.00	0.00235
-130.00	40.00	0.00264	-130.00	30.00	0.00292
-130.00	25.00	0.00304	-130.00	20.00	0.00311
-130.00	17.00	0.00311	-130.00	15.00	0.00308
-130.00	13.00	0.00303	-130.00	11.00	0.00294
-130.00	9.00	0.00281	-130.00	-9.00	0.00134
-130.00	-11.00	0.00133	-130.00	-13.00	0.00131
-130.00	-15.00	0.00130	-130.00	-17.00	0.00129
-130.00	-20.00	0.00127	-130.00	-25.00	0.00123
-130.00	-30.00	0.00119	-130.00	-40.00	0.00110
-130.00	-50.00	0.00100	-130.00	-60.00	0.00091
-130.00	-70.00	0.00083	-130.00	-80.00	0.00076
-130.00	-90.00	0.00069	-130.00	-100.00	0.00062
-120.00	100.00	0.00114	-120.00	90.00	0.00126
-120.00	80.00	0.00139	-120.00	70.00	0.00153
-120.00	60.00	0.00169	-120.00	50.00	0.00184
-120.00	40.00	0.00198	-120.00	30.00	0.00206
-120.00	25.00	0.00206	-120.00	20.00	0.00202

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 17:14:39  
 \*\*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      \*\*

07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00196	-120.00	15.00	0.00191
-120.00	13.00	0.00184	-120.00	11.00	0.00176
-120.00	9.00	0.00167	-120.00	-9.00	0.00098
-120.00	-11.00	0.00096	-120.00	-13.00	0.00094
-120.00	-15.00	0.00092	-120.00	-17.00	0.00090
-120.00	-20.00	0.00089	-120.00	-25.00	0.00088
-120.00	-30.00	0.00086	-120.00	-40.00	0.00083
-120.00	-50.00	0.00079	-120.00	-60.00	0.00073
-120.00	-70.00	0.00068	-120.00	-80.00	0.00063
-120.00	-90.00	0.00058	-120.00	-100.00	0.00054
-110.00	100.00	0.00099	-110.00	90.00	0.00108
-110.00	80.00	0.00117	-110.00	70.00	0.00126
-110.00	60.00	0.00135	-110.00	50.00	0.00143
-110.00	40.00	0.00149	-110.00	30.00	0.00149
-110.00	25.00	0.00146	-110.00	20.00	0.00140
-110.00	17.00	0.00135	-110.00	15.00	0.00131
-110.00	13.00	0.00126	-110.00	11.00	0.00121
-110.00	9.00	0.00115	-110.00	-9.00	0.00078
-110.00	-11.00	0.00077	-110.00	-13.00	0.00075
-110.00	-15.00	0.00074	-110.00	-17.00	0.00072
-110.00	-20.00	0.00070	-110.00	-25.00	0.00067
-110.00	-30.00	0.00065	-110.00	-40.00	0.00063
-110.00	-50.00	0.00061	-110.00	-60.00	0.00058
-110.00	-70.00	0.00056	-110.00	-80.00	0.00053
-110.00	-90.00	0.00050	-110.00	-100.00	0.00047
-100.00	100.00	0.00085	-100.00	90.00	0.00091
-100.00	80.00	0.00097	-100.00	70.00	0.00103
-100.00	60.00	0.00109	-100.00	50.00	0.00113
-100.00	40.00	0.00114	-100.00	30.00	0.00111
-100.00	25.00	0.00108	-100.00	20.00	0.00103
-100.00	17.00	0.00099	-100.00	15.00	0.00096
-100.00	13.00	0.00092	-100.00	11.00	0.00089
-100.00	9.00	0.00086	-100.00	-9.00	0.00063
-100.00	-11.00	0.00062	-100.00	-13.00	0.00061
-100.00	-15.00	0.00061	-100.00	-17.00	0.00060
-100.00	-20.00	0.00058	-100.00	-25.00	0.00056
-100.00	-30.00	0.00053	-100.00	-40.00	0.00049
-100.00	-50.00	0.00047	-100.00	-60.00	0.00046
-100.00	-70.00	0.00045	-100.00	-80.00	0.00043
-100.00	-90.00	0.00042	-100.00	-100.00	0.00040

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:14:39

\*\*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	0.00073	-90.00	90.00	0.00077
-90.00	80.00	0.00082	-90.00	70.00	0.00085
-90.00	60.00	0.00089	-90.00	50.00	0.00090
-90.00	40.00	0.00089	-90.00	30.00	0.00086
-90.00	25.00	0.00082	-90.00	20.00	0.00078
-90.00	17.00	0.00075	-90.00	15.00	0.00073
-90.00	13.00	0.00071	-90.00	11.00	0.00069
-90.00	9.00	0.00066	-90.00	-9.00	0.00052
-90.00	-11.00	0.00051	-90.00	-13.00	0.00050
-90.00	-15.00	0.00050	-90.00	-17.00	0.00049
-90.00	-20.00	0.00049	-90.00	-25.00	0.00047
-90.00	-30.00	0.00045	-90.00	-40.00	0.00041
-90.00	-50.00	0.00038	-90.00	-60.00	0.00037
-90.00	-70.00	0.00036	-90.00	-80.00	0.00035
-90.00	-90.00	0.00034	-90.00	-100.00	0.00034
-80.00	100.00	0.00063	-80.00	90.00	0.00066
-80.00	80.00	0.00069	-80.00	70.00	0.00071
-80.00	60.00	0.00072	-80.00	50.00	0.00072
-80.00	40.00	0.00071	-80.00	30.00	0.00068
-80.00	25.00	0.00065	-80.00	20.00	0.00062
-80.00	17.00	0.00060	-80.00	15.00	0.00058
-80.00	13.00	0.00057	-80.00	11.00	0.00055
-80.00	9.00	0.00053	-80.00	-9.00	0.00043
-80.00	-11.00	0.00043	-80.00	-13.00	0.00042
-80.00	-15.00	0.00042	-80.00	-17.00	0.00041
-80.00	-20.00	0.00041	-80.00	-25.00	0.00040
-80.00	-30.00	0.00039	-80.00	-40.00	0.00035
-80.00	-50.00	0.00032	-80.00	-60.00	0.00030
-80.00	-70.00	0.00029	-80.00	-80.00	0.00029
-80.00	-90.00	0.00028	-80.00	-100.00	0.00028
-70.00	100.00	0.00055	-70.00	90.00	0.00057
-70.00	80.00	0.00059	-70.00	70.00	0.00060
-70.00	60.00	0.00060	-70.00	50.00	0.00060
-70.00	40.00	0.00058	-70.00	30.00	0.00055
-70.00	25.00	0.00053	-70.00	20.00	0.00050
-70.00	17.00	0.00048	-70.00	15.00	0.00047
-70.00	13.00	0.00046	-70.00	11.00	0.00045

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	9.00	0.00044	-70.00	-9.00	0.00037
-70.00	-11.00	0.00036	-70.00	-13.00	0.00036
-70.00	-15.00	0.00035	-70.00	-17.00	0.00035

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	-20.00	0.00034	-70.00	-25.00	0.00034
-70.00	-30.00	0.00033	-70.00	-40.00	0.00031
-70.00	-50.00	0.00028	-70.00	-60.00	0.00026
-70.00	-70.00	0.00025	-70.00	-80.00	0.00024
-70.00	-90.00	0.00023	-70.00	-100.00	0.00023
-60.00	100.00	0.00048	-60.00	90.00	0.00049
-60.00	80.00	0.00050	-60.00	70.00	0.00050
-60.00	60.00	0.00050	-60.00	50.00	0.00050
-60.00	40.00	0.00048	-60.00	30.00	0.00045
-60.00	25.00	0.00043	-60.00	20.00	0.00041
-60.00	17.00	0.00040	-60.00	15.00	0.00039
-60.00	13.00	0.00038	-60.00	11.00	0.00037
-60.00	9.00	0.00037	-60.00	-9.00	0.00031
-60.00	-11.00	0.00031	-60.00	-13.00	0.00031
-60.00	-15.00	0.00030	-60.00	-17.00	0.00030
-60.00	-20.00	0.00029	-60.00	-25.00	0.00029
-60.00	-30.00	0.00029	-60.00	-40.00	0.00028
-60.00	-50.00	0.00025	-60.00	-60.00	0.00023
-60.00	-70.00	0.00021	-60.00	-80.00	0.00020
-60.00	-90.00	0.00020	-60.00	-100.00	0.00020
-50.00	100.00	0.00042	-50.00	90.00	0.00042
-50.00	80.00	0.00043	-50.00	70.00	0.00043
-50.00	60.00	0.00043	-50.00	50.00	0.00042
-50.00	40.00	0.00040	-50.00	30.00	0.00038
-50.00	25.00	0.00036	-50.00	20.00	0.00035
-50.00	17.00	0.00034	-50.00	15.00	0.00033
-50.00	13.00	0.00032	-50.00	11.00	0.00032
-50.00	9.00	0.00031	-50.00	-9.00	0.00027
-50.00	-11.00	0.00027	-50.00	-13.00	0.00027
-50.00	-15.00	0.00026	-50.00	-17.00	0.00026
-50.00	-20.00	0.00026	-50.00	-25.00	0.00025

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-30.00	0.00025	-50.00	-40.00	0.00024
-50.00	-50.00	0.00023	-50.00	-60.00	0.00021
-50.00	-70.00	0.00019	-50.00	-80.00	0.00018
-50.00	-90.00	0.00017	-50.00	-100.00	0.00017
-40.00	100.00	0.00037	-40.00	90.00	0.00037
-40.00	80.00	0.00037	-40.00	70.00	0.00037
-40.00	60.00	0.00037	-40.00	50.00	0.00036
-40.00	40.00	0.00034	-40.00	30.00	0.00032
-40.00	25.00	0.00031	-40.00	20.00	0.00030

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

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

17:14:39

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

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

17:14:39

\*\*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	0.00025	-10.00	90.00	0.00026
-10.00	80.00	0.00025	-10.00	70.00	0.00025
-10.00	60.00	0.00024	-10.00	50.00	0.00023
-10.00	40.00	0.00022	-10.00	30.00	0.00021
-10.00	25.00	0.00020	-10.00	20.00	0.00020
-10.00	17.00	0.00019	-10.00	15.00	0.00019
-10.00	13.00	0.00019	-10.00	11.00	0.00018
-10.00	9.00	0.00018	-10.00	-9.00	0.00017
-10.00	-11.00	0.00016	-10.00	-13.00	0.00016
-10.00	-15.00	0.00016	-10.00	-17.00	0.00016
-10.00	-20.00	0.00016	-10.00	-25.00	0.00015
-10.00	-30.00	0.00015	-10.00	-40.00	0.00015
-10.00	-50.00	0.00015	-10.00	-60.00	0.00014
-10.00	-70.00	0.00014	-10.00	-80.00	0.00013
-10.00	-90.00	0.00012	-10.00	-100.00	0.00011
0.00	100.00	0.00023	0.00	90.00	0.00023
0.00	80.00	0.00023	0.00	70.00	0.00022
0.00	60.00	0.00021	0.00	50.00	0.00021
0.00	40.00	0.00020	0.00	30.00	0.00019

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	25.00	0.00018	0.00	20.00	0.00017
0.00	17.00	0.00017	0.00	15.00	0.00017
0.00	13.00	0.00017	0.00	11.00	0.00016
0.00	9.00	0.00016	0.00	-9.00	0.00015
0.00	-11.00	0.00015	0.00	-13.00	0.00015
0.00	-15.00	0.00015	0.00	-17.00	0.00014
0.00	-20.00	0.00014	0.00	-25.00	0.00014
0.00	-30.00	0.00014	0.00	-40.00	0.00013
0.00	-50.00	0.00013	0.00	-60.00	0.00013
0.00	-70.00	0.00013	0.00	-80.00	0.00012
0.00	-90.00	0.00011	0.00	-100.00	0.00010
10.00	100.00	0.00021	10.00	90.00	0.00020
10.00	80.00	0.00020	10.00	70.00	0.00020
10.00	60.00	0.00019	10.00	50.00	0.00018
10.00	40.00	0.00018	10.00	30.00	0.00017
10.00	25.00	0.00016	10.00	20.00	0.00016
10.00	17.00	0.00015	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	0.00013
10.00	-15.00	0.00013	10.00	-17.00	0.00013

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

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

17:14:39

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

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

17:14:39  
 \*\*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	0.00011	40.00	15.00	0.00011
40.00	13.00	0.00011	40.00	11.00	0.00011
40.00	9.00	0.00011	40.00	-9.00	0.00010
40.00	-11.00	0.00010	40.00	-13.00	0.00010
40.00	-15.00	0.00010	40.00	-17.00	0.00010
40.00	-20.00	0.00010	40.00	-25.00	0.00010
40.00	-30.00	0.00010	40.00	-40.00	0.00009



07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

17:14:39  
 \*\*MODELOPTs:  
 PAGE 115  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00012	70.00	90.00	0.00011

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:14:39

\*\*MODELOPTs:

PAGE 116

CONC

URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S5 ,

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
90.00	-20.00	0.00007	90.00	-25.00	0.00007	
90.00	-30.00	0.00007	90.00	-40.00	0.00006	
90.00	-50.00	0.00006	90.00	-60.00	0.00006	
90.00	-70.00	0.00006	90.00	-80.00	0.00006	
90.00	-90.00	0.00006	90.00	-100.00	0.00006	
100.00	100.00	0.00009	100.00	90.00	0.00009	
100.00	80.00	0.00009	100.00	70.00	0.00009	
100.00	60.00	0.00008	100.00	50.00	0.00008	
100.00	40.00	0.00008	100.00	30.00	0.00007	
100.00	25.00	0.00007	100.00	20.00	0.00007	
100.00	17.00	0.00007	100.00	15.00	0.00007	
100.00	13.00	0.00007	100.00	11.00	0.00007	
100.00	9.00	0.00007	100.00	-9.00	0.00007	
100.00	-11.00	0.00006	100.00	-13.00	0.00006	
100.00	-15.00	0.00006	100.00	-17.00	0.00006	
100.00	-20.00	0.00006	100.00	-25.00	0.00006	
100.00	-30.00	0.00006	100.00	-40.00	0.00006	
100.00	-50.00	0.00006	100.00	-60.00	0.00006	
100.00	-70.00	0.00006	100.00	-80.00	0.00006	
100.00	-90.00	0.00006	100.00	-100.00	0.00006	
110.00	100.00	0.00009	110.00	90.00	0.00008	
110.00	80.00	0.00008	110.00	70.00	0.00008	
110.00	60.00	0.00008	110.00	50.00	0.00007	
110.00	40.00	0.00007	110.00	30.00	0.00007	
110.00	25.00	0.00007	110.00	20.00	0.00007	
110.00	17.00	0.00007	110.00	15.00	0.00006	
110.00	13.00	0.00006	110.00	11.00	0.00006	
110.00	9.00	0.00006	110.00	-9.00	0.00006	
110.00	-11.00	0.00006	110.00	-13.00	0.00006	
110.00	-15.00	0.00006	110.00	-17.00	0.00006	
110.00	-20.00	0.00006	110.00	-25.00	0.00006	
110.00	-30.00	0.00006	110.00	-40.00	0.00006	
110.00	-50.00	0.00006	110.00	-60.00	0.00005	
110.00	-70.00	0.00005	110.00	-80.00	0.00005	
110.00	-90.00	0.00005	110.00	-100.00	0.00005	
120.00	100.00	0.00008	120.00	90.00	0.00008	
120.00	80.00	0.00008	120.00	70.00	0.00007	
120.00	60.00	0.00007	120.00	50.00	0.00007	
120.00	40.00	0.00007	120.00	30.00	0.00006	

120.00 25.00 0.00006 120.00 20.00 0.00006

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

17:14:39

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00006	120.00	15.00	0.00006
120.00	13.00	0.00006	120.00	11.00	0.00006
120.00	9.00	0.00006	120.00	-9.00	0.00006
120.00	-11.00	0.00006	120.00	-13.00	0.00006
120.00	-15.00	0.00006	120.00	-17.00	0.00006
120.00	-20.00	0.00006	120.00	-25.00	0.00006
120.00	-30.00	0.00005	120.00	-40.00	0.00005
120.00	-50.00	0.00005	120.00	-60.00	0.00005
120.00	-70.00	0.00005	120.00	-80.00	0.00005
120.00	-90.00	0.00005	120.00	-100.00	0.00005
130.00	100.00	0.00007	130.00	90.00	0.00007
130.00	80.00	0.00007	130.00	70.00	0.00007
130.00	60.00	0.00007	130.00	50.00	0.00006
130.00	40.00	0.00006	130.00	30.00	0.00006
130.00	25.00	0.00006	130.00	20.00	0.00006
130.00	17.00	0.00006	130.00	15.00	0.00006
130.00	13.00	0.00006	130.00	11.00	0.00006
130.00	9.00	0.00006	130.00	-9.00	0.00005
130.00	-11.00	0.00005	130.00	-13.00	0.00005
130.00	-15.00	0.00005	130.00	-17.00	0.00005
130.00	-20.00	0.00005	130.00	-25.00	0.00005
130.00	-30.00	0.00005	130.00	-40.00	0.00005
130.00	-50.00	0.00005	130.00	-60.00	0.00005
130.00	-70.00	0.00005	130.00	-80.00	0.00005
130.00	-90.00	0.00005	130.00	-100.00	0.00005
140.00	100.00	0.00007	140.00	90.00	0.00007
140.00	80.00	0.00007	140.00	70.00	0.00007
140.00	60.00	0.00006	140.00	50.00	0.00006
140.00	40.00	0.00006	140.00	30.00	0.00006
140.00	25.00	0.00006	140.00	20.00	0.00005
140.00	17.00	0.00005	140.00	15.00	0.00005
140.00	13.00	0.00005	140.00	11.00	0.00005
140.00	9.00	0.00005	140.00	-9.00	0.00005

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	-11.00	0.00005	140.00	-13.00	0.00005
140.00	-15.00	0.00005	140.00	-17.00	0.00005
140.00	-20.00	0.00005	140.00	-25.00	0.00005
140.00	-30.00	0.00005	140.00	-40.00	0.00005
140.00	-50.00	0.00005	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      \*\*\*

17:14:39

\*\*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	0.00007	150.00	90.00	0.00006
150.00	80.00	0.00006	150.00	70.00	0.00006
150.00	60.00	0.00006	150.00	50.00	0.00006
150.00	40.00	0.00005	150.00	30.00	0.00005
150.00	25.00	0.00005	150.00	20.00	0.00005
150.00	17.00	0.00005	150.00	15.00	0.00005
150.00	13.00	0.00005	150.00	11.00	0.00005
150.00	9.00	0.00005	150.00	-9.00	0.00005
150.00	-11.00	0.00005	150.00	-13.00	0.00005
150.00	-15.00	0.00005	150.00	-17.00	0.00005
150.00	-20.00	0.00005	150.00	-25.00	0.00005
150.00	-30.00	0.00005	150.00	-40.00	0.00005
150.00	-50.00	0.00004	150.00	-60.00	0.00004
150.00	-70.00	0.00004	150.00	-80.00	0.00004
150.00	-90.00	0.00004	150.00	-100.00	0.00004
160.00	100.00	0.00006	160.00	90.00	0.00006
160.00	80.00	0.00006	160.00	70.00	0.00006
160.00	60.00	0.00006	160.00	50.00	0.00005
160.00	40.00	0.00005	160.00	30.00	0.00005
160.00	25.00	0.00005	160.00	20.00	0.00005
160.00	17.00	0.00005	160.00	15.00	0.00005
160.00	13.00	0.00005	160.00	11.00	0.00005
160.00	9.00	0.00005	160.00	-9.00	0.00005
160.00	-11.00	0.00005	160.00	-13.00	0.00005
160.00	-15.00	0.00004	160.00	-17.00	0.00004
160.00	-20.00	0.00004	160.00	-25.00	0.00004
160.00	-30.00	0.00004	160.00	-40.00	0.00004

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

17:14:39

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

190.00	80.00	0.00005	190.00	70.00	0.00005
190.00	60.00	0.00005	190.00	50.00	0.00004
190.00	40.00	0.00004	190.00	30.00	0.00004
190.00	25.00	0.00004	190.00	20.00	0.00004
190.00	17.00	0.00004	190.00	15.00	0.00004
190.00	13.00	0.00004	190.00	11.00	0.00004
190.00	9.00	0.00004	190.00	-9.00	0.00004
190.00	-11.00	0.00004	190.00	-13.00	0.00004
190.00	-15.00	0.00004	190.00	-17.00	0.00004
190.00	-20.00	0.00004	190.00	-25.00	0.00004
190.00	-30.00	0.00004	190.00	-40.00	0.00004
190.00	-50.00	0.00004	190.00	-60.00	0.00004
190.00	-70.00	0.00003	190.00	-80.00	0.00003
190.00	-90.00	0.00003	190.00	-100.00	0.00003
200.00	100.00	0.00005	200.00	90.00	0.00005
200.00	80.00	0.00005	200.00	70.00	0.00005
200.00	60.00	0.00004	200.00	50.00	0.00004
200.00	40.00	0.00004	200.00	30.00	0.00004
200.00	25.00	0.00004	200.00	20.00	0.00004

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

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00004	200.00	15.00	0.00004
200.00	13.00	0.00004	200.00	11.00	0.00004
200.00	9.00	0.00004	200.00	-9.00	0.00004
200.00	-11.00	0.00004	200.00	-13.00	0.00004
200.00	-15.00	0.00004	200.00	-17.00	0.00004
200.00	-20.00	0.00004	200.00	-25.00	0.00004
200.00	-30.00	0.00004	200.00	-40.00	0.00004
200.00	-50.00	0.00003	200.00	-60.00	0.00003
200.00	-70.00	0.00003	200.00	-80.00	0.00003
200.00	-90.00	0.00003	200.00	-100.00	0.00003
210.00	100.00	0.00005	210.00	90.00	0.00005
210.00	80.00	0.00004	210.00	70.00	0.00004
210.00	60.00	0.00004	210.00	50.00	0.00004
210.00	40.00	0.00004	210.00	30.00	0.00004
210.00	25.00	0.00004	210.00	20.00	0.00004

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	17.00	0.00004	210.00	15.00	0.00004
210.00	13.00	0.00004	210.00	11.00	0.00004
210.00	9.00	0.00004	210.00	-9.00	0.00004
210.00	-11.00	0.00004	210.00	-13.00	0.00003
210.00	-15.00	0.00003	210.00	-17.00	0.00003
210.00	-20.00	0.00003	210.00	-25.00	0.00003
210.00	-30.00	0.00003	210.00	-40.00	0.00003
210.00	-50.00	0.00003	210.00	-60.00	0.00003
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	0.00004	220.00	90.00	0.00004
220.00	80.00	0.00004	220.00	70.00	0.00004
220.00	60.00	0.00004	220.00	50.00	0.00004
220.00	40.00	0.00004	220.00	30.00	0.00004
220.00	25.00	0.00004	220.00	20.00	0.00004
220.00	17.00	0.00004	220.00	15.00	0.00003
220.00	13.00	0.00003	220.00	11.00	0.00003
220.00	9.00	0.00003	220.00	-9.00	0.00003
220.00	-11.00	0.00003	220.00	-13.00	0.00003
220.00	-15.00	0.00003	220.00	-17.00	0.00003
220.00	-20.00	0.00003	220.00	-25.00	0.00003
220.00	-30.00	0.00003	220.00	-40.00	0.00003
220.00	-50.00	0.00003	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\_S5  
 INCLUDING SOURCE(S):      NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00004	230.00	90.00	0.00004
230.00	80.00	0.00004	230.00	70.00	0.00004
230.00	60.00	0.00004	230.00	50.00	0.00004
230.00	40.00	0.00004	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



07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00003	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

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

250.00	-70.00	0.00003	250.00	-80.00	0.00003
250.00	-90.00	0.00003	250.00	-100.00	0.00003

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

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

17:14:39  
 \*\*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	100.00	0.00088	-250.00	90.00	0.00093
-250.00	80.00	0.00099	-250.00	70.00	0.00104
-250.00	60.00	0.00111	-250.00	50.00	0.00118
-250.00	40.00	0.00129	-250.00	30.00	0.00147
-250.00	25.00	0.00159	-250.00	20.00	0.00174
-250.00	17.00	0.00185	-250.00	15.00	0.00193
-250.00	13.00	0.00201	-250.00	11.00	0.00210
-250.00	9.00	0.00219	-250.00	-9.00	0.00296
-250.00	-11.00	0.00304	-250.00	-13.00	0.00311
-250.00	-15.00	0.00317	-250.00	-17.00	0.00322
-250.00	-20.00	0.00327	-250.00	-25.00	0.00333
-250.00	-30.00	0.00335	-250.00	-40.00	0.00327
-250.00	-50.00	0.00312	-250.00	-60.00	0.00294
-250.00	-70.00	0.00276	-250.00	-80.00	0.00258
-250.00	-90.00	0.00241	-250.00	-100.00	0.00226
-240.00	100.00	0.00105	-240.00	90.00	0.00113
-240.00	80.00	0.00121	-240.00	70.00	0.00130
-240.00	60.00	0.00139	-240.00	50.00	0.00148
-240.00	40.00	0.00158	-240.00	30.00	0.00170
-240.00	25.00	0.00180	-240.00	20.00	0.00193
-240.00	17.00	0.00204	-240.00	15.00	0.00213
-240.00	13.00	0.00223	-240.00	11.00	0.00234
-240.00	9.00	0.00246	-240.00	-9.00	0.00365
-240.00	-11.00	0.00374	-240.00	-13.00	0.00381
-240.00	-15.00	0.00387	-240.00	-17.00	0.00391
-240.00	-20.00	0.00395	-240.00	-25.00	0.00397
-240.00	-30.00	0.00393	-240.00	-40.00	0.00376
-240.00	-50.00	0.00353	-240.00	-60.00	0.00329
-240.00	-70.00	0.00304	-240.00	-80.00	0.00282
-240.00	-90.00	0.00261	-240.00	-100.00	0.00242
-230.00	100.00	0.00126	-230.00	90.00	0.00137
-230.00	80.00	0.00150	-230.00	70.00	0.00164

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-230.00	60.00	0.00181	-230.00	50.00	0.00199
-230.00	40.00	0.00218	-230.00	30.00	0.00237
-230.00	25.00	0.00246	-230.00	20.00	0.00254
-230.00	17.00	0.00258	-230.00	15.00	0.00262
-230.00	13.00	0.00267	-230.00	11.00	0.00274
-230.00	9.00	0.00285	-230.00	-9.00	0.00472
-230.00	-11.00	0.00477	-230.00	-13.00	0.00479
-230.00	-15.00	0.00479	-230.00	-17.00	0.00479

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

17:14:39  
 \*\*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	0.00477	-230.00	-25.00	0.00470
-230.00	-30.00	0.00458	-230.00	-40.00	0.00428
-230.00	-50.00	0.00395	-230.00	-60.00	0.00362
-230.00	-70.00	0.00331	-230.00	-80.00	0.00303
-230.00	-90.00	0.00278	-230.00	-100.00	0.00256
-220.00	100.00	0.00147	-220.00	90.00	0.00163
-220.00	80.00	0.00181	-220.00	70.00	0.00203
-220.00	60.00	0.00229	-220.00	50.00	0.00261
-220.00	40.00	0.00300	-220.00	30.00	0.00348
-220.00	25.00	0.00376	-220.00	20.00	0.00408
-220.00	17.00	0.00428	-220.00	15.00	0.00444
-220.00	13.00	0.00460	-220.00	11.00	0.00480
-220.00	9.00	0.00505	-220.00	-9.00	0.00595
-220.00	-11.00	0.00583	-220.00	-13.00	0.00573
-220.00	-15.00	0.00566	-220.00	-17.00	0.00558
-220.00	-20.00	0.00548	-220.00	-25.00	0.00530
-220.00	-30.00	0.00511	-220.00	-40.00	0.00469
-220.00	-50.00	0.00427	-220.00	-60.00	0.00388
-220.00	-70.00	0.00352	-220.00	-80.00	0.00321
-220.00	-90.00	0.00293	-220.00	-100.00	0.00269
-210.00	100.00	0.00169	-210.00	90.00	0.00188
-210.00	80.00	0.00212	-210.00	70.00	0.00240
-210.00	60.00	0.00275	-210.00	50.00	0.00319
-210.00	40.00	0.00373	-210.00	30.00	0.00440
-210.00	25.00	0.00479	-210.00	20.00	0.00522
-210.00	17.00	0.00548	-210.00	15.00	0.00566

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	13.00	0.00584	-210.00	11.00	0.00602
-210.00	9.00	0.00623	-210.00	-9.00	0.00633
-210.00	-11.00	0.00622	-210.00	-13.00	0.00614
-210.00	-15.00	0.00607	-210.00	-17.00	0.00601
-210.00	-20.00	0.00590	-210.00	-25.00	0.00569
-210.00	-30.00	0.00547	-210.00	-40.00	0.00499
-210.00	-50.00	0.00452	-210.00	-60.00	0.00408
-210.00	-70.00	0.00369	-210.00	-80.00	0.00335
-210.00	-90.00	0.00305	-210.00	-100.00	0.00279
-200.00	100.00	0.00189	-200.00	90.00	0.00212
-200.00	80.00	0.00239	-200.00	70.00	0.00273
-200.00	60.00	0.00314	-200.00	50.00	0.00365
-200.00	40.00	0.00427	-200.00	30.00	0.00502
-200.00	25.00	0.00544	-200.00	20.00	0.00588

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
-200.00	17.00	0.00613	-200.00	15.00	0.00630
-200.00	13.00	0.00646	-200.00	11.00	0.00661
-200.00	9.00	0.00678	-200.00	-9.00	0.00656
-200.00	-11.00	0.00644	-200.00	-13.00	0.00635
-200.00	-15.00	0.00628	-200.00	-17.00	0.00621
-200.00	-20.00	0.00611	-200.00	-25.00	0.00592
-200.00	-30.00	0.00571	-200.00	-40.00	0.00522
-200.00	-50.00	0.00472	-200.00	-60.00	0.00425
-200.00	-70.00	0.00383	-200.00	-80.00	0.00346
-200.00	-90.00	0.00315	-200.00	-100.00	0.00287
-190.00	100.00	0.00207	-190.00	90.00	0.00232
-190.00	80.00	0.00263	-190.00	70.00	0.00300
-190.00	60.00	0.00345	-190.00	50.00	0.00399
-190.00	40.00	0.00465	-190.00	30.00	0.00543
-190.00	25.00	0.00585	-190.00	20.00	0.00628
-190.00	17.00	0.00653	-190.00	15.00	0.00668
-190.00	13.00	0.00682	-190.00	11.00	0.00696
-190.00	9.00	0.00710	-190.00	-9.00	0.00674
-190.00	-11.00	0.00661	-190.00	-13.00	0.00652
-190.00	-15.00	0.00643	-190.00	-17.00	0.00636

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	-20.00	0.00625	-190.00	-25.00	0.00606
-190.00	-30.00	0.00585	-190.00	-40.00	0.00538
-190.00	-50.00	0.00487	-190.00	-60.00	0.00439
-190.00	-70.00	0.00395	-190.00	-80.00	0.00357
-190.00	-90.00	0.00323	-190.00	-100.00	0.00295
-180.00	100.00	0.00223	-180.00	90.00	0.00250
-180.00	80.00	0.00283	-180.00	70.00	0.00322
-180.00	60.00	0.00369	-180.00	50.00	0.00426
-180.00	40.00	0.00494	-180.00	30.00	0.00571
-180.00	25.00	0.00613	-180.00	20.00	0.00655
-180.00	17.00	0.00678	-180.00	15.00	0.00692
-180.00	13.00	0.00706	-180.00	11.00	0.00719
-180.00	9.00	0.00732	-180.00	-9.00	0.00687
-180.00	-11.00	0.00674	-180.00	-13.00	0.00664
-180.00	-15.00	0.00656	-180.00	-17.00	0.00648
-180.00	-20.00	0.00636	-180.00	-25.00	0.00616
-180.00	-30.00	0.00594	-180.00	-40.00	0.00547
-180.00	-50.00	0.00498	-180.00	-60.00	0.00449
-180.00	-70.00	0.00405	-180.00	-80.00	0.00366
-180.00	-90.00	0.00331	-180.00	-100.00	0.00302

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
-170.00	100.00	0.00236	-170.00	90.00	0.00264
-170.00	80.00	0.00298	-170.00	70.00	0.00339
-170.00	60.00	0.00388	-170.00	50.00	0.00446
-170.00	40.00	0.00514	-170.00	30.00	0.00592
-170.00	25.00	0.00633	-170.00	20.00	0.00673
-170.00	17.00	0.00696	-170.00	15.00	0.00710
-170.00	13.00	0.00723	-170.00	11.00	0.00734
-170.00	9.00	0.00747	-170.00	-9.00	0.00697
-170.00	-11.00	0.00684	-170.00	-13.00	0.00674
-170.00	-15.00	0.00666	-170.00	-17.00	0.00658
-170.00	-20.00	0.00645	-170.00	-25.00	0.00624
-170.00	-30.00	0.00602	-170.00	-40.00	0.00554
-170.00	-50.00	0.00504	-170.00	-60.00	0.00457
-170.00	-70.00	0.00412	-170.00	-80.00	0.00373

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-90.00	0.00338	-170.00	-100.00	0.00307
-160.00	100.00	0.00247	-160.00	90.00	0.00276
-160.00	80.00	0.00311	-160.00	70.00	0.00353
-160.00	60.00	0.00403	-160.00	50.00	0.00461
-160.00	40.00	0.00529	-160.00	30.00	0.00607
-160.00	25.00	0.00647	-160.00	20.00	0.00687
-160.00	17.00	0.00709	-160.00	15.00	0.00722
-160.00	13.00	0.00734	-160.00	11.00	0.00746
-160.00	9.00	0.00758	-160.00	-9.00	0.00705
-160.00	-11.00	0.00692	-160.00	-13.00	0.00682
-160.00	-15.00	0.00673	-160.00	-17.00	0.00665
-160.00	-20.00	0.00653	-160.00	-25.00	0.00631
-160.00	-30.00	0.00608	-160.00	-40.00	0.00559
-160.00	-50.00	0.00509	-160.00	-60.00	0.00462
-160.00	-70.00	0.00418	-160.00	-80.00	0.00378
-160.00	-90.00	0.00343	-160.00	-100.00	0.00312
-150.00	100.00	0.00256	-150.00	90.00	0.00286
-150.00	80.00	0.00322	-150.00	70.00	0.00365
-150.00	60.00	0.00414	-150.00	50.00	0.00473
-150.00	40.00	0.00541	-150.00	30.00	0.00617
-150.00	25.00	0.00658	-150.00	20.00	0.00697
-150.00	17.00	0.00719	-150.00	15.00	0.00732
-150.00	13.00	0.00744	-150.00	11.00	0.00755
-150.00	9.00	0.00766	-150.00	-9.00	0.00712
-150.00	-11.00	0.00698	-150.00	-13.00	0.00688
-150.00	-15.00	0.00679	-150.00	-17.00	0.00671

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	-20.00	0.00658	-150.00	-25.00	0.00637
-150.00	-30.00	0.00614	-150.00	-40.00	0.00563
-150.00	-50.00	0.00513	-150.00	-60.00	0.00465
-150.00	-70.00	0.00421	-150.00	-80.00	0.00382
-150.00	-90.00	0.00347	-150.00	-100.00	0.00316
-140.00	100.00	0.00264	-140.00	90.00	0.00295
-140.00	80.00	0.00331	-140.00	70.00	0.00374
-140.00	60.00	0.00424	-140.00	50.00	0.00482

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-140.00	40.00	0.00550	-140.00	30.00	0.00626
-140.00	25.00	0.00666	-140.00	20.00	0.00705
-140.00	17.00	0.00726	-140.00	15.00	0.00738
-140.00	13.00	0.00750	-140.00	11.00	0.00762
-140.00	9.00	0.00774	-140.00	-9.00	0.00718
-140.00	-11.00	0.00703	-140.00	-13.00	0.00692
-140.00	-15.00	0.00683	-140.00	-17.00	0.00675
-140.00	-20.00	0.00663	-140.00	-25.00	0.00641
-140.00	-30.00	0.00618	-140.00	-40.00	0.00567
-140.00	-50.00	0.00516	-140.00	-60.00	0.00468
-140.00	-70.00	0.00424	-140.00	-80.00	0.00384
-140.00	-90.00	0.00349	-140.00	-100.00	0.00319
-130.00	100.00	0.00271	-130.00	90.00	0.00302
-130.00	80.00	0.00338	-130.00	70.00	0.00381
-130.00	60.00	0.00431	-130.00	50.00	0.00490
-130.00	40.00	0.00557	-130.00	30.00	0.00633
-130.00	25.00	0.00672	-130.00	20.00	0.00711
-130.00	17.00	0.00732	-130.00	15.00	0.00744
-130.00	13.00	0.00756	-130.00	11.00	0.00767
-130.00	9.00	0.00779	-130.00	-9.00	0.00721
-130.00	-11.00	0.00707	-130.00	-13.00	0.00696
-130.00	-15.00	0.00687	-130.00	-17.00	0.00679
-130.00	-20.00	0.00667	-130.00	-25.00	0.00645
-130.00	-30.00	0.00621	-130.00	-40.00	0.00570
-130.00	-50.00	0.00518	-130.00	-60.00	0.00470
-130.00	-70.00	0.00426	-130.00	-80.00	0.00386
-130.00	-90.00	0.00351	-130.00	-100.00	0.00320
-120.00	100.00	0.00277	-120.00	90.00	0.00308
-120.00	80.00	0.00344	-120.00	70.00	0.00387
-120.00	60.00	0.00437	-120.00	50.00	0.00496
-120.00	40.00	0.00563	-120.00	30.00	0.00638
-120.00	25.00	0.00677	-120.00	20.00	0.00715

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

17:14:39  
 \*\*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	0.00736	-120.00	15.00	0.00749
-120.00	13.00	0.00760	-120.00	11.00	0.00770

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-120.00	9.00	0.00782	-120.00	-9.00	0.00723
-120.00	-11.00	0.00709	-120.00	-13.00	0.00699
-120.00	-15.00	0.00690	-120.00	-17.00	0.00682
-120.00	-20.00	0.00669	-120.00	-25.00	0.00648
-120.00	-30.00	0.00624	-120.00	-40.00	0.00573
-120.00	-50.00	0.00521	-120.00	-60.00	0.00471
-120.00	-70.00	0.00427	-120.00	-80.00	0.00387
-120.00	-90.00	0.00352	-120.00	-100.00	0.00321
-110.00	100.00	0.00282	-110.00	90.00	0.00313
-110.00	80.00	0.00349	-110.00	70.00	0.00392
-110.00	60.00	0.00442	-110.00	50.00	0.00501
-110.00	40.00	0.00568	-110.00	30.00	0.00642
-110.00	25.00	0.00681	-110.00	20.00	0.00719
-110.00	17.00	0.00740	-110.00	15.00	0.00752
-110.00	13.00	0.00763	-110.00	11.00	0.00773
-110.00	9.00	0.00785	-110.00	-9.00	0.00725
-110.00	-11.00	0.00712	-110.00	-13.00	0.00701
-110.00	-15.00	0.00692	-110.00	-17.00	0.00684
-110.00	-20.00	0.00671	-110.00	-25.00	0.00650
-110.00	-30.00	0.00626	-110.00	-40.00	0.00575
-110.00	-50.00	0.00522	-110.00	-60.00	0.00473
-110.00	-70.00	0.00428	-110.00	-80.00	0.00388
-110.00	-90.00	0.00353	-110.00	-100.00	0.00322
-100.00	100.00	0.00286	-100.00	90.00	0.00317
-100.00	80.00	0.00353	-100.00	70.00	0.00396
-100.00	60.00	0.00446	-100.00	50.00	0.00504
-100.00	40.00	0.00571	-100.00	30.00	0.00646
-100.00	25.00	0.00684	-100.00	20.00	0.00722
-100.00	17.00	0.00742	-100.00	15.00	0.00754
-100.00	13.00	0.00766	-100.00	11.00	0.00776
-100.00	9.00	0.00787	-100.00	-9.00	0.00727
-100.00	-11.00	0.00714	-100.00	-13.00	0.00703
-100.00	-15.00	0.00694	-100.00	-17.00	0.00686
-100.00	-20.00	0.00673	-100.00	-25.00	0.00651
-100.00	-30.00	0.00628	-100.00	-40.00	0.00576
-100.00	-50.00	0.00524	-100.00	-60.00	0.00474
-100.00	-70.00	0.00428	-100.00	-80.00	0.00388
-100.00	-90.00	0.00353	-100.00	-100.00	0.00322

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

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

17:14:39  
 \*\*MODELOPTS:  
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\*



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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00289	-90.00	90.00	0.00320
-90.00	80.00	0.00357	-90.00	70.00	0.00399
-90.00	60.00	0.00449	-90.00	50.00	0.00507
-90.00	40.00	0.00574	-90.00	30.00	0.00648
-90.00	25.00	0.00687	-90.00	20.00	0.00724
-90.00	17.00	0.00744	-90.00	15.00	0.00756
-90.00	13.00	0.00767	-90.00	11.00	0.00778
-90.00	9.00	0.00789	-90.00	-9.00	0.00729
-90.00	-11.00	0.00715	-90.00	-13.00	0.00704
-90.00	-15.00	0.00695	-90.00	-17.00	0.00687
-90.00	-20.00	0.00674	-90.00	-25.00	0.00652
-90.00	-30.00	0.00629	-90.00	-40.00	0.00577
-90.00	-50.00	0.00524	-90.00	-60.00	0.00474
-90.00	-70.00	0.00429	-90.00	-80.00	0.00389
-90.00	-90.00	0.00353	-90.00	-100.00	0.00322
-80.00	100.00	0.00292	-80.00	90.00	0.00323
-80.00	80.00	0.00359	-80.00	70.00	0.00402
-80.00	60.00	0.00452	-80.00	50.00	0.00510
-80.00	40.00	0.00576	-80.00	30.00	0.00650
-80.00	25.00	0.00688	-80.00	20.00	0.00725
-80.00	17.00	0.00746	-80.00	15.00	0.00758
-80.00	13.00	0.00769	-80.00	11.00	0.00779
-80.00	9.00	0.00790	-80.00	-9.00	0.00730
-80.00	-11.00	0.00716	-80.00	-13.00	0.00705
-80.00	-15.00	0.00696	-80.00	-17.00	0.00688
-80.00	-20.00	0.00675	-80.00	-25.00	0.00653
-80.00	-30.00	0.00629	-80.00	-40.00	0.00578
-80.00	-50.00	0.00525	-80.00	-60.00	0.00475
-80.00	-70.00	0.00429	-80.00	-80.00	0.00388
-80.00	-90.00	0.00353	-80.00	-100.00	0.00322
-70.00	100.00	0.00294	-70.00	90.00	0.00325
-70.00	80.00	0.00362	-70.00	70.00	0.00404
-70.00	60.00	0.00454	-70.00	50.00	0.00512
-70.00	40.00	0.00578	-70.00	30.00	0.00652
-70.00	25.00	0.00689	-70.00	20.00	0.00727
-70.00	17.00	0.00747	-70.00	15.00	0.00759
-70.00	13.00	0.00770	-70.00	11.00	0.00780
-70.00	9.00	0.00791	-70.00	-9.00	0.00731
-70.00	-11.00	0.00717	-70.00	-13.00	0.00706
-70.00	-15.00	0.00697	-70.00	-17.00	0.00688

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:14:39

\*\*MODELOPTs:

PAGE 130

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00676	-70.00	-25.00	0.00653
-70.00	-30.00	0.00630	-70.00	-40.00	0.00578
-70.00	-50.00	0.00525	-70.00	-60.00	0.00475
-70.00	-70.00	0.00429	-70.00	-80.00	0.00388
-70.00	-90.00	0.00352	-70.00	-100.00	0.00321
-60.00	100.00	0.00296	-60.00	90.00	0.00327
-60.00	80.00	0.00364	-60.00	70.00	0.00406
-60.00	60.00	0.00456	-60.00	50.00	0.00513
-60.00	40.00	0.00579	-60.00	30.00	0.00652
-60.00	25.00	0.00691	-60.00	20.00	0.00728
-60.00	17.00	0.00748	-60.00	15.00	0.00760
-60.00	13.00	0.00771	-60.00	11.00	0.00781
-60.00	9.00	0.00792	-60.00	-9.00	0.00732
-60.00	-11.00	0.00717	-60.00	-13.00	0.00706
-60.00	-15.00	0.00697	-60.00	-17.00	0.00688
-60.00	-20.00	0.00676	-60.00	-25.00	0.00654
-60.00	-30.00	0.00630	-60.00	-40.00	0.00578
-60.00	-50.00	0.00525	-60.00	-60.00	0.00474
-60.00	-70.00	0.00428	-60.00	-80.00	0.00387
-60.00	-90.00	0.00351	-60.00	-100.00	0.00320
-50.00	100.00	0.00298	-50.00	90.00	0.00329
-50.00	80.00	0.00365	-50.00	70.00	0.00407
-50.00	60.00	0.00457	-50.00	50.00	0.00514
-50.00	40.00	0.00580	-50.00	30.00	0.00653
-50.00	25.00	0.00691	-50.00	20.00	0.00728
-50.00	17.00	0.00748	-50.00	15.00	0.00760
-50.00	13.00	0.00771	-50.00	11.00	0.00782
-50.00	9.00	0.00793	-50.00	-9.00	0.00732
-50.00	-11.00	0.00717	-50.00	-13.00	0.00706
-50.00	-15.00	0.00697	-50.00	-17.00	0.00688
-50.00	-20.00	0.00675	-50.00	-25.00	0.00653
-50.00	-30.00	0.00629	-50.00	-40.00	0.00578
-50.00	-50.00	0.00525	-50.00	-60.00	0.00474
-50.00	-70.00	0.00428	-50.00	-80.00	0.00387

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-90.00	0.00350	-50.00	-100.00	0.00319
-40.00	100.00	0.00299	-40.00	90.00	0.00330
-40.00	80.00	0.00366	-40.00	70.00	0.00408
-40.00	60.00	0.00458	-40.00	50.00	0.00515
-40.00	40.00	0.00580	-40.00	30.00	0.00653
-40.00	25.00	0.00692	-40.00	20.00	0.00728

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

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

17:14:39

\*\*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	0.00748	-40.00	15.00	0.00760
-40.00	13.00	0.00771	-40.00	11.00	0.00781
-40.00	9.00	0.00793	-40.00	-9.00	0.00731
-40.00	-11.00	0.00717	-40.00	-13.00	0.00706
-40.00	-15.00	0.00697	-40.00	-17.00	0.00688
-40.00	-20.00	0.00675	-40.00	-25.00	0.00653
-40.00	-30.00	0.00629	-40.00	-40.00	0.00577
-40.00	-50.00	0.00524	-40.00	-60.00	0.00473
-40.00	-70.00	0.00427	-40.00	-80.00	0.00385
-40.00	-90.00	0.00349	-40.00	-100.00	0.00317
-30.00	100.00	0.00301	-30.00	90.00	0.00331
-30.00	80.00	0.00367	-30.00	70.00	0.00409
-30.00	60.00	0.00458	-30.00	50.00	0.00515
-30.00	40.00	0.00581	-30.00	30.00	0.00654
-30.00	25.00	0.00692	-30.00	20.00	0.00728
-30.00	17.00	0.00748	-30.00	15.00	0.00760
-30.00	13.00	0.00771	-30.00	11.00	0.00781
-30.00	9.00	0.00792	-30.00	-9.00	0.00730
-30.00	-11.00	0.00716	-30.00	-13.00	0.00705
-30.00	-15.00	0.00696	-30.00	-17.00	0.00687
-30.00	-20.00	0.00674	-30.00	-25.00	0.00652
-30.00	-30.00	0.00628	-30.00	-40.00	0.00576
-30.00	-50.00	0.00523	-30.00	-60.00	0.00472
-30.00	-70.00	0.00426	-30.00	-80.00	0.00384
-30.00	-90.00	0.00348	-30.00	-100.00	0.00316
-20.00	100.00	0.00301	-20.00	90.00	0.00332
-20.00	80.00	0.00368	-20.00	70.00	0.00410
-20.00	60.00	0.00458	-20.00	50.00	0.00515

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

-20.00	40.00	0.00581	-20.00	30.00	0.00653
-20.00	25.00	0.00691	-20.00	20.00	0.00728
-20.00	17.00	0.00748	-20.00	15.00	0.00759
-20.00	13.00	0.00770	-20.00	11.00	0.00780
-20.00	9.00	0.00791	-20.00	-9.00	0.00729
-20.00	-11.00	0.00715	-20.00	-13.00	0.00704
-20.00	-15.00	0.00695	-20.00	-17.00	0.00686
-20.00	-20.00	0.00673	-20.00	-25.00	0.00651
-20.00	-30.00	0.00627	-20.00	-40.00	0.00575
-20.00	-50.00	0.00521	-20.00	-60.00	0.00470
-20.00	-70.00	0.00424	-20.00	-80.00	0.00382
-20.00	-90.00	0.00346	-20.00	-100.00	0.00314

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

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

17:14:39

\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL    DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00302	-10.00	90.00	0.00333
-10.00	80.00	0.00368	-10.00	70.00	0.00410
-10.00	60.00	0.00458	-10.00	50.00	0.00515
-10.00	40.00	0.00580	-10.00	30.00	0.00653
-10.00	25.00	0.00691	-10.00	20.00	0.00727
-10.00	17.00	0.00747	-10.00	15.00	0.00758
-10.00	13.00	0.00769	-10.00	11.00	0.00779
-10.00	9.00	0.00790	-10.00	-9.00	0.00727
-10.00	-11.00	0.00714	-10.00	-13.00	0.00703
-10.00	-15.00	0.00694	-10.00	-17.00	0.00685
-10.00	-20.00	0.00672	-10.00	-25.00	0.00650
-10.00	-30.00	0.00625	-10.00	-40.00	0.00573
-10.00	-50.00	0.00520	-10.00	-60.00	0.00469
-10.00	-70.00	0.00422	-10.00	-80.00	0.00380
-10.00	-90.00	0.00344	-10.00	-100.00	0.00312
0.00	100.00	0.00303	0.00	90.00	0.00333
0.00	80.00	0.00368	0.00	70.00	0.00410
0.00	60.00	0.00458	0.00	50.00	0.00515
0.00	40.00	0.00580	0.00	30.00	0.00652
0.00	25.00	0.00690	0.00	20.00	0.00726
0.00	17.00	0.00745	0.00	15.00	0.00757
0.00	13.00	0.00768	0.00	11.00	0.00778

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	9.00	0.00789	0.00	-9.00	0.00726
0.00	-11.00	0.00712	0.00	-13.00	0.00701
0.00	-15.00	0.00692	0.00	-17.00	0.00683
0.00	-20.00	0.00670	0.00	-25.00	0.00648
0.00	-30.00	0.00624	0.00	-40.00	0.00571
0.00	-50.00	0.00518	0.00	-60.00	0.00466
0.00	-70.00	0.00420	0.00	-80.00	0.00378
0.00	-90.00	0.00341	0.00	-100.00	0.00309
10.00	100.00	0.00303	10.00	90.00	0.00333
10.00	80.00	0.00368	10.00	70.00	0.00409
10.00	60.00	0.00458	10.00	50.00	0.00514
10.00	40.00	0.00579	10.00	30.00	0.00651
10.00	25.00	0.00689	10.00	20.00	0.00724
10.00	17.00	0.00744	10.00	15.00	0.00756
10.00	13.00	0.00767	10.00	11.00	0.00777
10.00	9.00	0.00787	10.00	-9.00	0.00725
10.00	-11.00	0.00711	10.00	-13.00	0.00700
10.00	-15.00	0.00690	10.00	-17.00	0.00682

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

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

17:14:39

\*\*MODELOPTs:

PAGE 133

CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00669	10.00	-25.00	0.00646
10.00	-30.00	0.00622	10.00	-40.00	0.00569
10.00	-50.00	0.00515	10.00	-60.00	0.00464
10.00	-70.00	0.00417	10.00	-80.00	0.00375
10.00	-90.00	0.00339	10.00	-100.00	0.00307
20.00	100.00	0.00303	20.00	90.00	0.00333
20.00	80.00	0.00368	20.00	70.00	0.00409
20.00	60.00	0.00457	20.00	50.00	0.00513
20.00	40.00	0.00578	20.00	30.00	0.00650
20.00	25.00	0.00687	20.00	20.00	0.00723
20.00	17.00	0.00743	20.00	15.00	0.00755
20.00	13.00	0.00765	20.00	11.00	0.00775
20.00	9.00	0.00785	20.00	-9.00	0.00723
20.00	-11.00	0.00709	20.00	-13.00	0.00698
20.00	-15.00	0.00688	20.00	-17.00	0.00680
20.00	-20.00	0.00666	20.00	-25.00	0.00644

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	-30.00	0.00619	20.00	-40.00	0.00567
20.00	-50.00	0.00513	20.00	-60.00	0.00461
20.00	-70.00	0.00414	20.00	-80.00	0.00372
20.00	-90.00	0.00336	20.00	-100.00	0.00304
30.00	100.00	0.00303	30.00	90.00	0.00333
30.00	80.00	0.00367	30.00	70.00	0.00408
30.00	60.00	0.00456	30.00	50.00	0.00512
30.00	40.00	0.00576	30.00	30.00	0.00648
30.00	25.00	0.00685	30.00	20.00	0.00722
30.00	17.00	0.00741	30.00	15.00	0.00753
30.00	13.00	0.00763	30.00	11.00	0.00773
30.00	9.00	0.00784	30.00	-9.00	0.00721
30.00	-11.00	0.00707	30.00	-13.00	0.00695
30.00	-15.00	0.00686	30.00	-17.00	0.00677
30.00	-20.00	0.00664	30.00	-25.00	0.00641
30.00	-30.00	0.00616	30.00	-40.00	0.00563
30.00	-50.00	0.00509	30.00	-60.00	0.00458
30.00	-70.00	0.00411	30.00	-80.00	0.00369
30.00	-90.00	0.00332	30.00	-100.00	0.00300
40.00	100.00	0.00303	40.00	90.00	0.00332
40.00	80.00	0.00367	40.00	70.00	0.00407
40.00	60.00	0.00455	40.00	50.00	0.00511
40.00	40.00	0.00575	40.00	30.00	0.00646
40.00	25.00	0.00683	40.00	20.00	0.00719

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

17:14:39  
 \*\*MODELOPTs:  
 PAGE 134  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00739	40.00	15.00	0.00750
40.00	13.00	0.00761	40.00	11.00	0.00771
40.00	9.00	0.00782	40.00	-9.00	0.00719
40.00	-11.00	0.00704	40.00	-13.00	0.00692
40.00	-15.00	0.00683	40.00	-17.00	0.00674
40.00	-20.00	0.00661	40.00	-25.00	0.00638
40.00	-30.00	0.00613	40.00	-40.00	0.00560
40.00	-50.00	0.00506	40.00	-60.00	0.00454
40.00	-70.00	0.00407	40.00	-80.00	0.00365
40.00	-90.00	0.00328	40.00	-100.00	0.00297

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

50.00	100.00	0.00302	50.00	90.00	0.00332
50.00	80.00	0.00366	50.00	70.00	0.00406
50.00	60.00	0.00454	50.00	50.00	0.00509
50.00	40.00	0.00573	50.00	30.00	0.00644
50.00	25.00	0.00681	50.00	20.00	0.00717
50.00	17.00	0.00736	50.00	15.00	0.00748
50.00	13.00	0.00758	50.00	11.00	0.00768
50.00	9.00	0.00780	50.00	-9.00	0.00715
50.00	-11.00	0.00701	50.00	-13.00	0.00689
50.00	-15.00	0.00680	50.00	-17.00	0.00671
50.00	-20.00	0.00657	50.00	-25.00	0.00634
50.00	-30.00	0.00609	50.00	-40.00	0.00556
50.00	-50.00	0.00501	50.00	-60.00	0.00449
50.00	-70.00	0.00402	50.00	-80.00	0.00360
50.00	-90.00	0.00324	50.00	-100.00	0.00292
60.00	100.00	0.00302	60.00	90.00	0.00331
60.00	80.00	0.00365	60.00	70.00	0.00405
60.00	60.00	0.00452	60.00	50.00	0.00507
60.00	40.00	0.00571	60.00	30.00	0.00642
60.00	25.00	0.00679	60.00	20.00	0.00714
60.00	17.00	0.00733	60.00	15.00	0.00745
60.00	13.00	0.00755	60.00	11.00	0.00765
60.00	9.00	0.00776	60.00	-9.00	0.00710
60.00	-11.00	0.00696	60.00	-13.00	0.00686
60.00	-15.00	0.00676	60.00	-17.00	0.00667
60.00	-20.00	0.00653	60.00	-25.00	0.00630
60.00	-30.00	0.00605	60.00	-40.00	0.00552
60.00	-50.00	0.00497	60.00	-60.00	0.00444
60.00	-70.00	0.00397	60.00	-80.00	0.00356
60.00	-90.00	0.00319	60.00	-100.00	0.00288

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

17:14:39  
 \*\*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	0.00301	70.00	90.00	0.00330
70.00	80.00	0.00364	70.00	70.00	0.00404
70.00	60.00	0.00450	70.00	50.00	0.00505
70.00	40.00	0.00568	70.00	30.00	0.00639

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

70.00	25.00	0.00675	70.00	20.00	0.00711
70.00	17.00	0.00730	70.00	15.00	0.00742
70.00	13.00	0.00752	70.00	11.00	0.00761
70.00	9.00	0.00772	70.00	-9.00	0.00706
70.00	-11.00	0.00692	70.00	-13.00	0.00681
70.00	-15.00	0.00671	70.00	-17.00	0.00662
70.00	-20.00	0.00649	70.00	-25.00	0.00626
70.00	-30.00	0.00601	70.00	-40.00	0.00546
70.00	-50.00	0.00491	70.00	-60.00	0.00439
70.00	-70.00	0.00391	70.00	-80.00	0.00350
70.00	-90.00	0.00314	70.00	-100.00	0.00282
80.00	100.00	0.00301	80.00	90.00	0.00330
80.00	80.00	0.00363	80.00	70.00	0.00402
80.00	60.00	0.00448	80.00	50.00	0.00503
80.00	40.00	0.00565	80.00	30.00	0.00635
80.00	25.00	0.00672	80.00	20.00	0.00707
80.00	17.00	0.00726	80.00	15.00	0.00737
80.00	13.00	0.00748	80.00	11.00	0.00757
80.00	9.00	0.00767	80.00	-9.00	0.00701
80.00	-11.00	0.00687	80.00	-13.00	0.00676
80.00	-15.00	0.00666	80.00	-17.00	0.00657
80.00	-20.00	0.00644	80.00	-25.00	0.00620
80.00	-30.00	0.00595	80.00	-40.00	0.00540
80.00	-50.00	0.00485	80.00	-60.00	0.00432
80.00	-70.00	0.00385	80.00	-80.00	0.00344
80.00	-90.00	0.00308	80.00	-100.00	0.00277
90.00	100.00	0.00300	90.00	90.00	0.00328
90.00	80.00	0.00362	90.00	70.00	0.00401
90.00	60.00	0.00446	90.00	50.00	0.00500
90.00	40.00	0.00562	90.00	30.00	0.00632
90.00	25.00	0.00668	90.00	20.00	0.00703
90.00	17.00	0.00721	90.00	15.00	0.00733
90.00	13.00	0.00743	90.00	11.00	0.00752
90.00	9.00	0.00763	90.00	-9.00	0.00696
90.00	-11.00	0.00681	90.00	-13.00	0.00670
90.00	-15.00	0.00660	90.00	-17.00	0.00651

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 \*\*\*



07NCRA\_NAPA95-300\_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	0.00638	90.00	-25.00	0.00614
90.00	-30.00	0.00588	90.00	-40.00	0.00533
90.00	-50.00	0.00477	90.00	-60.00	0.00425
90.00	-70.00	0.00378	90.00	-80.00	0.00337
90.00	-90.00	0.00301	90.00	-100.00	0.00270
100.00	100.00	0.00299	100.00	90.00	0.00327
100.00	80.00	0.00360	100.00	70.00	0.00399
100.00	60.00	0.00444	100.00	50.00	0.00497
100.00	40.00	0.00558	100.00	30.00	0.00627
100.00	25.00	0.00663	100.00	20.00	0.00698
100.00	17.00	0.00717	100.00	15.00	0.00728
100.00	13.00	0.00738	100.00	11.00	0.00747
100.00	9.00	0.00757	100.00	-9.00	0.00689
100.00	-11.00	0.00675	100.00	-13.00	0.00664
100.00	-15.00	0.00654	100.00	-17.00	0.00644
100.00	-20.00	0.00631	100.00	-25.00	0.00606
100.00	-30.00	0.00581	100.00	-40.00	0.00525
100.00	-50.00	0.00469	100.00	-60.00	0.00416
100.00	-70.00	0.00370	100.00	-80.00	0.00329
100.00	-90.00	0.00293	100.00	-100.00	0.00262
110.00	100.00	0.00297	110.00	90.00	0.00326
110.00	80.00	0.00359	110.00	70.00	0.00397
110.00	60.00	0.00442	110.00	50.00	0.00494
110.00	40.00	0.00554	110.00	30.00	0.00622
110.00	25.00	0.00658	110.00	20.00	0.00692
110.00	17.00	0.00711	110.00	15.00	0.00722
110.00	13.00	0.00732	110.00	11.00	0.00741
110.00	9.00	0.00751	110.00	-9.00	0.00682
110.00	-11.00	0.00667	110.00	-13.00	0.00656
110.00	-15.00	0.00646	110.00	-17.00	0.00636
110.00	-20.00	0.00622	110.00	-25.00	0.00598
110.00	-30.00	0.00571	110.00	-40.00	0.00515
110.00	-50.00	0.00459	110.00	-60.00	0.00407
110.00	-70.00	0.00360	110.00	-80.00	0.00320
110.00	-90.00	0.00285	110.00	-100.00	0.00254
120.00	100.00	0.00296	120.00	90.00	0.00324
120.00	80.00	0.00357	120.00	70.00	0.00395
120.00	60.00	0.00439	120.00	50.00	0.00490
120.00	40.00	0.00550	120.00	30.00	0.00616
120.00	25.00	0.00652	120.00	20.00	0.00686

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	0.00704	120.00	15.00	0.00715
120.00	13.00	0.00725	120.00	11.00	0.00734
120.00	9.00	0.00743	120.00	-9.00	0.00674
120.00	-11.00	0.00659	120.00	-13.00	0.00647
120.00	-15.00	0.00637	120.00	-17.00	0.00627
120.00	-20.00	0.00612	120.00	-25.00	0.00588
120.00	-30.00	0.00561	120.00	-40.00	0.00504
120.00	-50.00	0.00448	120.00	-60.00	0.00396
120.00	-70.00	0.00350	120.00	-80.00	0.00310
120.00	-90.00	0.00275	120.00	-100.00	0.00245
130.00	100.00	0.00294	130.00	90.00	0.00322
130.00	80.00	0.00354	130.00	70.00	0.00392
130.00	60.00	0.00436	130.00	50.00	0.00487
130.00	40.00	0.00545	130.00	30.00	0.00611
130.00	25.00	0.00645	130.00	20.00	0.00679
130.00	17.00	0.00696	130.00	15.00	0.00707
130.00	13.00	0.00717	130.00	11.00	0.00726
130.00	9.00	0.00736	130.00	-9.00	0.00664
130.00	-11.00	0.00648	130.00	-13.00	0.00636
130.00	-15.00	0.00625	130.00	-17.00	0.00615
130.00	-20.00	0.00601	130.00	-25.00	0.00575
130.00	-30.00	0.00548	130.00	-40.00	0.00490
130.00	-50.00	0.00435	130.00	-60.00	0.00383
130.00	-70.00	0.00338	130.00	-80.00	0.00298
130.00	-90.00	0.00264	130.00	-100.00	0.00235
140.00	100.00	0.00292	140.00	90.00	0.00320
140.00	80.00	0.00352	140.00	70.00	0.00389
140.00	60.00	0.00432	140.00	50.00	0.00482
140.00	40.00	0.00540	140.00	30.00	0.00604
140.00	25.00	0.00638	140.00	20.00	0.00670
140.00	17.00	0.00688	140.00	15.00	0.00698
140.00	13.00	0.00707	140.00	11.00	0.00716
140.00	9.00	0.00726	140.00	-9.00	0.00651
140.00	-11.00	0.00635	140.00	-13.00	0.00623
140.00	-15.00	0.00612	140.00	-17.00	0.00602
140.00	-20.00	0.00586	140.00	-25.00	0.00560

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	-30.00	0.00532	140.00	-40.00	0.00475
140.00	-50.00	0.00419	140.00	-60.00	0.00369
140.00	-70.00	0.00323	140.00	-80.00	0.00285
140.00	-90.00	0.00252	140.00	-100.00	0.00224

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	0.00290	150.00	90.00	0.00317
150.00	80.00	0.00349	150.00	70.00	0.00386
150.00	60.00	0.00429	150.00	50.00	0.00478
150.00	40.00	0.00534	150.00	30.00	0.00596
150.00	25.00	0.00629	150.00	20.00	0.00660
150.00	17.00	0.00677	150.00	15.00	0.00688
150.00	13.00	0.00696	150.00	11.00	0.00704
150.00	9.00	0.00714	150.00	-9.00	0.00635
150.00	-11.00	0.00619	150.00	-13.00	0.00607
150.00	-15.00	0.00596	150.00	-17.00	0.00585
150.00	-20.00	0.00569	150.00	-25.00	0.00542
150.00	-30.00	0.00513	150.00	-40.00	0.00456
150.00	-50.00	0.00401	150.00	-60.00	0.00351
150.00	-70.00	0.00307	150.00	-80.00	0.00270
150.00	-90.00	0.00238	150.00	-100.00	0.00212
160.00	100.00	0.00286	160.00	90.00	0.00314
160.00	80.00	0.00346	160.00	70.00	0.00382
160.00	60.00	0.00425	160.00	50.00	0.00473
160.00	40.00	0.00528	160.00	30.00	0.00588
160.00	25.00	0.00619	160.00	20.00	0.00649
160.00	17.00	0.00666	160.00	15.00	0.00675
160.00	13.00	0.00683	160.00	11.00	0.00691
160.00	9.00	0.00699	160.00	-9.00	0.00616
160.00	-11.00	0.00600	160.00	-13.00	0.00587
160.00	-15.00	0.00575	160.00	-17.00	0.00564
160.00	-20.00	0.00547	160.00	-25.00	0.00519
160.00	-30.00	0.00490	160.00	-40.00	0.00434
160.00	-50.00	0.00380	160.00	-60.00	0.00331
160.00	-70.00	0.00289	160.00	-80.00	0.00253
160.00	-90.00	0.00223	160.00	-100.00	0.00199

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

170.00	100.00	0.00281	170.00	90.00	0.00309
170.00	80.00	0.00341	170.00	70.00	0.00378
170.00	60.00	0.00420	170.00	50.00	0.00468
170.00	40.00	0.00521	170.00	30.00	0.00580
170.00	25.00	0.00609	170.00	20.00	0.00637
170.00	17.00	0.00652	170.00	15.00	0.00660
170.00	13.00	0.00668	170.00	11.00	0.00675
170.00	9.00	0.00682	170.00	-9.00	0.00593
170.00	-11.00	0.00576	170.00	-13.00	0.00562
170.00	-15.00	0.00549	170.00	-17.00	0.00537

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
170.00	-20.00	0.00520	170.00	-25.00	0.00491
170.00	-30.00	0.00463	170.00	-40.00	0.00407
170.00	-50.00	0.00354	170.00	-60.00	0.00308
170.00	-70.00	0.00268	170.00	-80.00	0.00235
170.00	-90.00	0.00208	170.00	-100.00	0.00185
180.00	100.00	0.00274	180.00	90.00	0.00302
180.00	80.00	0.00334	180.00	70.00	0.00371
180.00	60.00	0.00414	180.00	50.00	0.00461
180.00	40.00	0.00514	180.00	30.00	0.00570
180.00	25.00	0.00598	180.00	20.00	0.00623
180.00	17.00	0.00636	180.00	15.00	0.00644
180.00	13.00	0.00650	180.00	11.00	0.00656
180.00	9.00	0.00662	180.00	-9.00	0.00564
180.00	-11.00	0.00545	180.00	-13.00	0.00530
180.00	-15.00	0.00517	180.00	-17.00	0.00504
180.00	-20.00	0.00485	180.00	-25.00	0.00457
180.00	-30.00	0.00429	180.00	-40.00	0.00374
180.00	-50.00	0.00325	180.00	-60.00	0.00281
180.00	-70.00	0.00245	180.00	-80.00	0.00216
180.00	-90.00	0.00191	180.00	-100.00	0.00170
190.00	100.00	0.00264	190.00	90.00	0.00292
190.00	80.00	0.00324	190.00	70.00	0.00361
190.00	60.00	0.00404	190.00	50.00	0.00452
190.00	40.00	0.00505	190.00	30.00	0.00560

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

190.00	25.00	0.00586	190.00	20.00	0.00609
190.00	17.00	0.00620	190.00	15.00	0.00626
190.00	13.00	0.00631	190.00	11.00	0.00635
190.00	9.00	0.00639	190.00	-9.00	0.00526
190.00	-11.00	0.00506	190.00	-13.00	0.00489
190.00	-15.00	0.00474	190.00	-17.00	0.00461
190.00	-20.00	0.00443	190.00	-25.00	0.00414
190.00	-30.00	0.00387	190.00	-40.00	0.00335
190.00	-50.00	0.00291	190.00	-60.00	0.00253
190.00	-70.00	0.00221	190.00	-80.00	0.00195
190.00	-90.00	0.00172	190.00	-100.00	0.00154
200.00	100.00	0.00251	200.00	90.00	0.00277
200.00	80.00	0.00308	200.00	70.00	0.00344
200.00	60.00	0.00387	200.00	50.00	0.00437
200.00	40.00	0.00491	200.00	30.00	0.00547
200.00	25.00	0.00572	200.00	20.00	0.00594

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
200.00	17.00	0.00603	200.00	15.00	0.00607
200.00	13.00	0.00610	200.00	11.00	0.00611
200.00	9.00	0.00613	200.00	-9.00	0.00476
200.00	-11.00	0.00453	200.00	-13.00	0.00436
200.00	-15.00	0.00421	200.00	-17.00	0.00407
200.00	-20.00	0.00389	200.00	-25.00	0.00361
200.00	-30.00	0.00335	200.00	-40.00	0.00291
200.00	-50.00	0.00253	200.00	-60.00	0.00221
200.00	-70.00	0.00194	200.00	-80.00	0.00171
200.00	-90.00	0.00153	200.00	-100.00	0.00137
210.00	100.00	0.00233	210.00	90.00	0.00257
210.00	80.00	0.00285	210.00	70.00	0.00319
210.00	60.00	0.00359	210.00	50.00	0.00407
210.00	40.00	0.00462	210.00	30.00	0.00523
210.00	25.00	0.00552	210.00	20.00	0.00575
210.00	17.00	0.00584	210.00	15.00	0.00587
210.00	13.00	0.00588	210.00	11.00	0.00587
210.00	9.00	0.00586	210.00	-9.00	0.00407

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	-11.00	0.00383	210.00	-13.00	0.00365
210.00	-15.00	0.00350	210.00	-17.00	0.00337
210.00	-20.00	0.00320	210.00	-25.00	0.00297
210.00	-30.00	0.00277	210.00	-40.00	0.00242
210.00	-50.00	0.00212	210.00	-60.00	0.00187
210.00	-70.00	0.00165	210.00	-80.00	0.00147
210.00	-90.00	0.00132	210.00	-100.00	0.00120
220.00	100.00	0.00213	220.00	90.00	0.00233
220.00	80.00	0.00256	220.00	70.00	0.00284
220.00	60.00	0.00317	220.00	50.00	0.00356
220.00	40.00	0.00402	220.00	30.00	0.00456
220.00	25.00	0.00485	220.00	20.00	0.00514
220.00	17.00	0.00529	220.00	15.00	0.00537
220.00	13.00	0.00543	220.00	11.00	0.00547
220.00	9.00	0.00548	220.00	-9.00	0.00299
220.00	-11.00	0.00280	220.00	-13.00	0.00267
220.00	-15.00	0.00257	220.00	-17.00	0.00249
220.00	-20.00	0.00238	220.00	-25.00	0.00223
220.00	-30.00	0.00211	220.00	-40.00	0.00189
220.00	-50.00	0.00170	220.00	-60.00	0.00153
220.00	-70.00	0.00138	220.00	-80.00	0.00125
220.00	-90.00	0.00114	220.00	-100.00	0.00105

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: 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	0.00191	230.00	90.00	0.00207
230.00	80.00	0.00225	230.00	70.00	0.00245
230.00	60.00	0.00268	230.00	50.00	0.00293
230.00	40.00	0.00319	230.00	30.00	0.00344
230.00	25.00	0.00354	230.00	20.00	0.00360
230.00	17.00	0.00359	230.00	15.00	0.00356
230.00	13.00	0.00350	230.00	11.00	0.00340
230.00	9.00	0.00327	230.00	-9.00	0.00176
230.00	-11.00	0.00174	230.00	-13.00	0.00172
230.00	-15.00	0.00171	230.00	-17.00	0.00169
230.00	-20.00	0.00167	230.00	-25.00	0.00162
230.00	-30.00	0.00158	230.00	-40.00	0.00148

07NCRA\_NAPA95-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	-50.00	0.00137	230.00	-60.00	0.00126
230.00	-70.00	0.00116	230.00	-80.00	0.00107
230.00	-90.00	0.00099	230.00	-100.00	0.00092
240.00	100.00	0.00169	240.00	90.00	0.00181
240.00	80.00	0.00194	240.00	70.00	0.00208
240.00	60.00	0.00222	240.00	50.00	0.00235
240.00	40.00	0.00246	240.00	30.00	0.00252
240.00	25.00	0.00251	240.00	20.00	0.00245
240.00	17.00	0.00239	240.00	15.00	0.00233
240.00	13.00	0.00226	240.00	11.00	0.00218
240.00	9.00	0.00208	240.00	-9.00	0.00136
240.00	-11.00	0.00133	240.00	-13.00	0.00131
240.00	-15.00	0.00128	240.00	-17.00	0.00127
240.00	-20.00	0.00125	240.00	-25.00	0.00123
240.00	-30.00	0.00121	240.00	-40.00	0.00118
240.00	-50.00	0.00112	240.00	-60.00	0.00106
240.00	-70.00	0.00099	240.00	-80.00	0.00093
240.00	-90.00	0.00087	240.00	-100.00	0.00081
250.00	100.00	0.00149	250.00	90.00	0.00157
250.00	80.00	0.00166	250.00	70.00	0.00174
250.00	60.00	0.00182	250.00	50.00	0.00189
250.00	40.00	0.00192	250.00	30.00	0.00190
250.00	25.00	0.00186	250.00	20.00	0.00179
250.00	17.00	0.00173	250.00	15.00	0.00169
250.00	13.00	0.00163	250.00	11.00	0.00158
250.00	9.00	0.00152	250.00	-9.00	0.00112
250.00	-11.00	0.00111	250.00	-13.00	0.00109
250.00	-15.00	0.00107	250.00	-17.00	0.00106

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 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	0.00103	250.00	-25.00	0.00099
250.00	-30.00	0.00097	250.00	-40.00	0.00094
250.00	-50.00	0.00091	250.00	-60.00	0.00088
250.00	-70.00	0.00084	250.00	-80.00	0.00080
250.00	-90.00	0.00076	250.00	-100.00	0.00072

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	0.00568 AT ( 180.00, 9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00566 AT ( 170.00, 9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00561 AT ( 190.00, 9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00559 AT ( 180.00, 11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00555 AT ( 170.00, 11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00554 AT ( 190.00, 11.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00551 AT ( 180.00, 13.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00550 AT ( 160.00, 9.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00549 AT ( 190.00, 13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00546 AT ( 200.00, 9.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00568 AT ( 90.00, 9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00566 AT ( 80.00, 9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00561 AT ( 100.00, 9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00559 AT ( 90.00, 11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00555 AT ( 80.00, 11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00554 AT ( 100.00, 11.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00551 AT ( 90.00, 13.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00550 AT ( 70.00, 9.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00549 AT ( 100.00, 13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00546 AT ( 110.00, 9.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00568 AT ( 0.00, 9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00566 AT ( -10.00, 9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00561 AT ( 10.00, 9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00559 AT ( 0.00, 11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00555 AT ( -10.00, 11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00554 AT ( 10.00, 11.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00551 AT ( 0.00, 13.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00550 AT ( -20.00, 9.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00549 AT ( 10.00, 13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00546 AT ( 20.00, 9.00, 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	0.00568 AT ( -90.00, 9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00566 AT ( -100.00, 9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00561 AT ( -80.00, 9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00559 AT ( -90.00, 11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00555 AT ( -100.00, 11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00554 AT ( -80.00, 11.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00551 AT ( -90.00, 13.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00550 AT ( -110.00, 9.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00549 AT ( -80.00, 13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00546 AT ( -70.00, 9.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00568 AT ( -180.00, 9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00566 AT ( -190.00, 9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00561 AT ( -170.00, 9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00559 AT ( -180.00, 11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00555 AT ( -190.00, 11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00554 AT ( -170.00, 11.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00551 AT ( -180.00, 13.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00550 AT ( -200.00, 9.00, 0.00, 1.20)	DC	NA



		07NCRA_NAPA95-300_DPM_TRAV_ANN_E-W Bound								
	9TH HIGHEST VALUE IS	0.00549	AT (	-170.00,	13.00,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00546	AT (	-160.00,	9.00,	0.00,	1.20)	DC	NA	
ALL	1ST HIGHEST VALUE IS	0.00793	AT (	-50.00,	9.00,	0.00,	1.20)	DC	NA	
	2ND HIGHEST VALUE IS	0.00793	AT (	-40.00,	9.00,	0.00,	1.20)	DC	NA	
	3RD HIGHEST VALUE IS	0.00792	AT (	-30.00,	9.00,	0.00,	1.20)	DC	NA	
	4TH HIGHEST VALUE IS	0.00792	AT (	-60.00,	9.00,	0.00,	1.20)	DC	NA	
	5TH HIGHEST VALUE IS	0.00791	AT (	-20.00,	9.00,	0.00,	1.20)	DC	NA	
	6TH HIGHEST VALUE IS	0.00791	AT (	-70.00,	9.00,	0.00,	1.20)	DC	NA	
	7TH HIGHEST VALUE IS	0.00790	AT (	-80.00,	9.00,	0.00,	1.20)	DC	NA	
	8TH HIGHEST VALUE IS	0.00790	AT (	-10.00,	9.00,	0.00,	1.20)	DC	NA	
	9TH HIGHEST VALUE IS	0.00789	AT (	0.00,	9.00,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00789	AT (	-90.00,	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 \*\*\*

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

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CONC URBAN FLAT FLGPOL DFAULT

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

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

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 62 Informational Message(s)  
 A Total of 62 Calm Hours Identified

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

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

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*